

Personal Statements of New National Clinical Excellence Award Recipients (England and Wales) 2019

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Introduction

Clinical Excellence Awards (CEAs) are important to acknowledge the work of senior NHS consultants and academic GPs who make a substantial impact on patient care. The practice of medicine and dentistry is demanding and often requires working outside formal contracted arrangements. ACCEA recognises and rewards those clinicians who perform at the highest level, with national impact.

These are the personal statements provided by successful new national award holders for the 2019 Awards Round). For a list of all award recipients, please go to:

https://www.gov.uk/government/publications/clinical-excellence-awards-successful-candidates-2019

Name: ANDREW BLYTHE

GMC/GDC Number: 3478356

Speciality: ACADEMIC GP

Leading Bristol's MB ChB Programme

Each year 220 students graduate from Bristol Medical School to start work as doctors. I lead this programme for which student satisfaction was 95% in 2017. I have shaped the training of hundreds of new doctors, making their well-being a priority and have supported hundreds of established doctors in becoming effective teachers.

Improving assessment of medical students

I have transformed the way in which medical students are assessed at Bristol. Our exam policy is now regarded as a potential model for the impending Medical Licensing Assessment, a new national exam that all new doctors will have to pass. My expertise in assessment is recognised by the medical schools who have invited me to be their external examiner.

Developing an undergraduate curriculum for primary care

Identifying what is best taught in primary care is critical to ensuring more graduates become GPs. To this end I wrote a new textbook on primary care and was a driving force behind the creation of the first undergraduate curriculum guide for primary care in the UK.

Creating Bristol's largest teaching GP practice

I have been a GP in South Bristol for 20 years. In 2018 my practice merged with 3 others. I ensured that we put education at the centre of our practice ethos so that we develop the NHS workforce of the future.

Name: JOANNE PROTHEROE

GMC/GDC Number: 3540123

Speciality: ACADEMIC GP

- As international leader in the field of health literacy & first Health Literacy Clinical Advisor for NHS England I inform policy & practice. As leader of Health Literacy UK, I build capacity to tackle the issue (800+ members). My research cited as a national exemplar & 'pioneering' in the All-Party Parliamentary Group Primary Care report (5 Year Forward View, 2016).
- Awarded the RCGP John Fry Award for promoting the discipline of GP through research & publishing (2018). My paper in British Journal GP, 2015, highlighted the extent of low population health literacy in England, led to a paradigm shift in NHS policy & formed the basis of health literacy policies & action plans across UK.
- As a GP, I combine research with active, innovative clinical service. I deliver quality
 improvement, through increasing active patient participation, contributing to an
 'Outstanding' CQC report (2018) citing 'active involvement of patients in their care'. I
 actively support research into practice & evaluate new models of care & delivery such
 as new Chronic Pain services.
- As Professor of GP I support local & regional GP workforce development in my roles as Director of Integrated Clinical Academic Training & Director of Undergraduate GP in Keele Medical School. Recent Career Destinations report GP was chosen by 21.2% of Keele FY2s (national mean 14.7%).

Name: JONATHAN ROSENTHAL

GMC/GDC Number: 3179389

Speciality: ACADEMIC GP

- I co-chair the Society for Academic Primary Care Heads of GP Teaching Group, the UK national body for undergraduate teaching in general practice & co-authored the first national undergraduate curriculum guide for general practice, endorsed by all UK medical schools (2018).
- I am Professor of Primary Care Education at UCL, 1 of only 6 such chairs in the UK, overseeing all GP teaching for 2000 UCL medical students/year, the first intercalated BSc in Primary Care in UK & the UK's largest group of NIHR academic GP trainees (21 currently based at UCL).
- As an invited member of the UK Department of Health & Social Care's Primary Care
 Education Funding Committee, and the Health Education England "Wass Committee"
 on promoting GP careers I directly inform NHS and Government policy on education
 in general practice, e.g. personally leading the first national costing exercise of
 undergraduate GP placements and presenting funding evidence to Health Select
 Committee.
- I have received consistently high-quality markers and patient and colleague feedback for delivering personal care as an NHS inner city GP Principal for over 20 years.
 Between 2015-2017 I led on merger with a neighbouring practice thus ensuring continuity of care for our patients and employment for all our staff following the retirement of my two longstanding partners.

Name: ANDREW BREEN

GMC/GDC Number: 4221988

Speciality: ANAESTHETICS

FOCUSED INTENSIVE CARE ECHOCARDIOGRAPHY (FICE): My initiative in ICU echo training over the last 12 years, alongside my sustained input in developing education materials and training structures over the last 7 years, has resulted in FICE. This hugely successful national training and accreditation programme results in improved outcomes for patients nationally, by providing early access to diagnosis and prompt interventions for the sickest patients in our hospitals.

SERVICE IMPROVEMENT: My comprehensive programme of ICU development and improvement led to my service's CQC rating improving from "Requires Improvement" straight to "Outstanding" in a 2-year period, making my service one of the top 5% in the UK.

QUALITY IMPROVEMENT: In end-of-life care and emergency care planning, I have introduced the Recommended Summary Plan for Emergency Care and Treatment (ReSPECT) in Leeds, leading the development and successful delivery of the UK's only Digital Implementation, making sharing of collaborative decision-making tools available across organisational boundaries for patients across the whole of Leeds.

RESEARCH: I have shown a sustained contribution to local and national research activities, delivering both portfolio research studies and personally devising and completing my own research within the regional critical care network.

Name: PETER BROOKS

GMC/GDC Number: 3643301

Speciality: ANAESTHETICS

Service Delivery

As a Paediatric Anaesthetist, I deliver innovative clinical care to more than 400 children / newborns undergoing surgery annually, ensuring:

- excellent patient/parent experience
- low complication rates
- significant cost & environmental improvements

Education/Training

As Training Programme Director (2012-18) & Speciality Lead (2018-), I have:

- managed >230 trainees in 18 hospitals
- ensured flexibility & fairness of rotations with support for trainee well-being

As **College Tutor** (2005-12) I introduced a new rota management application with published improvements in educational governance.

Research/Innovation/Quality Improvement

- Association of Paediatric Anaesthetists (APA) Scientific Committee member (2015-)
- Advisor to the Paediatric Anaesthesia Trainee Research Network (PATRN)
- National Institute of Health Research Collaboration for Leadership in Applied Health Research & Care (CLAHRC) Fellow (2017-18)
- NHS Innovation Challenge Acorn Prize Winner (2014)
- Association of Anaesthetists (AA) Innovation Prize Winner (2016)
- AA Barema Environmental Award Winner for Raising awareness of the benefits & reduced environmental impact of paediatric total intravenous anaesthesia (<u>TIVA</u>)
 (2018)
- Shortlisted for Health Services Journal Value Award for Pharmacy and Medicines Optimisation (2019)

Name: CHRISTOPHER CAREY

GMC/GDC Number: 4217011

Speciality: ANAESTHETICS

Royal College of Anaesthetists (RCoA) Council Member (2017-)

- Competitively elected; 22000 fellows & members, 3rd largest Medical College
- RCoA Training Committee Chair; 4800 UK trainees. Under my leadership delivered new e-portfolio (>14000 users), initial submission of new curriculum approved by GMC
- Anaesthesia Related Professionals Committee Chair; successfully lobbied for professional regulation of Physicians Assistants (Anaesthesia)

Associate Postgraduate Dean, Health Education England Kent Surrey & Sussex (HEE KSS) (2016-)

- County Dean for Sussex. Local Academic Board member in 6 trusts, c.1,500 trainees
- Significant improvements in GMC National Training Survey (NTS) results 2017-8
- Led development of learning resources for UK rollout of National Early Warning Score (NEWS) for NHS England

Course Lead, Anaesthesia & Perioperative Medicine MSc, BSMS (2013-)

- I led creation of course & validation 2013/4
- Awards: 30% Distinction, 56% Merit (externally moderated)
- Excellent feedback, division overall satisfaction rate 95.1% (sector av 82.5%)

Neuro-anaesthesia Lead, BSUH (2015-)

- Leadership of regional service for Major Trauma Centre
- I established anaesthetic provision for regional thrombectomy & spinal surgery services in Brighton
- I led establishment of overnight recovery facility improving patient flow; >160 cases since 2017

Name: LORRAINE EVELYN DE GRAY

GMC/GDC Number: 4384632

Speciality: ANAESTHETICS

Local:

Founder of pain services in West Norfolk in 2007, I lead a thriving multidisciplinary team of 22. Unique in the region allowing access through Choose and Book for *both* Adult and Paediatric patients. Excellent patient satisfaction outcomes, 98% positive. My personal follow up patient non-attendance ratio is excellent at 2.5% compared to the national 11% benchmark.

Regional:

Since 2012, e-Tutor and exam writer for the award-winning MSc in Regional Anaesthesia & Perioperative pain Honorary Lecturer, University of East Anglia.

National:

- 1. Speciality Editor Pain Medicine Journal of Anaesthesia & Intensive Care Elsevier 2014 to date. 2 papers in top 5 most downloaded from the Journal in 2017.
- 2. Faculty of Pain Medicine FPM, Royal College of Anaesthetists: Regional Advisor Pain Medicine, RAPM Anglia, 2011 to 2017, appointed Chair UK Regional Advisers Pain Medicine, 2013 to 2016. Board Member, Faculty of Pain Medicine Royal College of Anaesthetists (Coopted) 2013 to 2016, reappointed April 2018 –the board is responsible for reviewing the training and practice of pain medicine in the UK. In 2018, appointed Chair of the UK Training and Assessment Committee, Chair of the Curriculum writing group (Pain medicine in Anaesthesia) and co-authored the curriculum for a Credential in Pain medicine, currently awaiting GMC ratification.

Name: ASHISH GULVE

GMC/GDC Number: 4677280

Speciality: ANAESTHETICS

- Finished consultant episodes as compared to National specialty average of 196. High standards for service delivery for stimulator implants. Infection rate of 2% (7% international) & revision rate of 10% (15% international). On CFEP 360, high scores across all domains. On patient feedback I scored average of 89% (high score for chronic pain patients).
- Chief Investigator for 1, Principal Investigator for 3 & co-investigator for 4 industry funded studies. Translated the innovations for the benefit of NHS patients by implanting first UK NHS patients with a new stimulator for multifidus muscle stimulation for the treatment of low back pain (2019) & AnkerStim Occipital Nerve Stimulator for Chronic Cluster Headache (2018).
- Treasurer of the Neuromodulation Society of UK & Ireland. Generated funding for MSc Module in Neuromodulation with Leeds Beckett University & bursaries for doctors and allied healthcare professionals. Developed & organised 7 basic surgical skills workshops for implant techniques. Collaborated with the Royal College of Anaesthetists and with other National & International associations to develop educational seminars, and organised joint congresses. Elected Council member of the British Pain Society (2018).
- Reviewer for NIHR & peer reviewed Journals. Editor of British Journal of Anaesthesia Education for 2 years.

Name: DANIEL HARVEY

GMC/GDC Number: 4645586

Speciality: ANAESTHETICS

- I have had demonstrable impact as a national leader over the last 5 years, in speciality development and governance, organ donation and research. I lead implementation of novel technologies and research in organ donation, with potential for significant improvements in patient outcomes.
- Longest serving member of the ICS / FICM's Professional Standards Committee (2008-). Published multiple national clinical guidelines including management of devasting brain injury (2018), end of life care (2015) and Outcomes in Intensive Care (2019). Audit demonstrates national practice improvement.
- As a national clinical leader in UK Organ Donation, devising and delivering projects outlined throughout this application, in ethics, governance, research, service improvement and education, I have contributed to the 95% increase in organ donation rates over the last 10 years, which has led to the transplant waiting list falling consecutively for 8 years. At NUH I delivered 230% increase in donation, facilitating 65 additional patients receiving a transplant in 2017/18.
- I deliver clinical care rated as outstanding by the CQC (2016), as a full-time participant in consultant delivered rota. Our ICU in the largest major trauma centre in the UK admits > 4000 patients / year. TARN national audit (2014-17) attributed 37 "additional" survivors to our care.

Name: JONATHAN HULME

GMC/GDC Number: 4399139

Speciality: ANAESTHETICS

I established & run the largest European Resuscitation Council life support group in UK with an international reputation for peer-to-peer training delivered to several thousand students. Healthcare undergraduates are mentored becoming skilled in life support & in complex personal skills to run the scheme, achieving many GMC outcomes for graduates with excellence preparing the next generation of healthcare leaders.

Chair of regional trauma network board with clinical oversight of 3 local emergency hospitals, 8 trauma units, 2 major trauma centres & rehab for patient access to specialist resources delivering NHS-E strategy for >3m people.

Senior West Midlands Ambulance Service doctor contributing to CQC 'Outstanding' inregional major trauma team I co-established & led: first ambulance service to get this rating. Nationally recognised for personal longstanding services to prehospital emergency medicine services including clinical care & leading voluntary services: awarded Queen's Silver & Diamond Jubilee medals.

Led development of regional pathway for best practice care for patients after cardiac arrest with changes from ambulance service to critical care achieving care consistent with international recommendations. Author of regional trauma guidelines improving the consistency of care recommended for patients across the Midlands.

Name: SHONDIPON LAHA

GMC/GDC Number: 4430760

Speciality: ANAESTHETICS

As an NHS consultant, I ensure high quality care across all 5 domains for the sickest patients in the NHS.

Leadership

- From >2,200 intensivists, my peers elected me for the **Intensive Care Society (ICS) Council**. The ICS is the UK's largest multi-professional representative body delivering education, research, standards & support to >3,500 members.
- ICS Charitable Trustee board

Education

- Inaugural Chair ICS Education Division and Seminars Lead
- seminar days
- the biggest UK critical care conference (State of the Art) with >1,600 delegates
- two UK training schemes in echocardiography (FICE) and ultrasonography (CUSIC)
- 2016~ President, Association of North Western Intensive Care Units providing regional educational days
- 2018 "Beginner's Guide to Intensive Care" (Arora & Laha) 2nd Ed. Profits split between my department/ICS.

Research

- Innovate UK digital health grant (£75,000) provision of a comms app (SRAVI) that lipreads patients who are unable to vocalise.
- 2017~ (Lancaster University Psychology Department) research to improve stressful decision making.
- Principle Investigator for NIHR trials: 65 trial, VAP-2, VIP-2, PRISM, SNAP-2

Safety

- MRC grant (£10,000) for a tracheostomy design reducing accidental removal.
- Sleep quality reduced delirium by 40% and established regional sleep guardians.

Name: IAN MOPPETT

GMC/GDC Number: 4067656

Speciality: ANAESTHETICS

HIP FRACTURE RESEARCH

- Anaesthesia Sprint Audit of Practice (11,000 patients): identified intraoperative hypotension as a key target to improve standards of hip fracture care **2015**.
- Lead the development of Nottingham Hip Fracture Score most widely validated tool
 of its kind, used in N. & S. America, S. Asia and Europe, in clinical practice and
 research 2006 date.
- Lead national programme of clinical research: Chief Investigator of 4 major clinical trials completed **2015 2019**.

NATIONAL / INTERNATIONAL ACTIVITIES

- Deputy Director of the Health Services Research Centre of the Royal College of Anaesthetists (competitive appointment): strategic oversight of National Audit Projects, National Emergency Laparotomy Audit 2017 – date.
- Research Grants Officer British Journal of Anaesthesia: >£2million disbursed 2014 –
 2018.
- *NICE Topic Expert Group on Hip Fracture* (competitive appointment): Quality Standards published **2017**.
- External peer review of hip fracture service for 6 NHS Trusts: 2014 date.

TEACHING

Editor 2 successful textbooks (1st in BMJ book awards) and 8 book chapters 2014 –
 date.

PATIENT SAFETY

- Nationally recognised research into surgical Never Events used to support national guidance 2016.
- Co-wrote national safety guideline on Bone Cement Implantation Syndrome: implemented nationally 2015.

Name: DAVID WALKER

GMC/GDC Number: 4364944

Speciality: ANAESTHETICS

I am a full time NHS Consultant: my work is on an upward trajectory of activity & demonstrates high impact deliverables & recognition:

Critical Care Service: Clinical lead for critical care achieving patient experience survey average 98% positive in 5 ICU domains, gaining CQC inspection comment: "outstanding local leadership in critical care". I developed & led an innovative Perioperative Medicine care model to help operationalise a new clinical service.

National Training: Developed the largest UK fellowship & MSc programme of its kind & provided novel NHS staffing solutions & invaluable national & International training opportunities. I received Health Foundation grant funding & published my methods.

International Activities: I developed & lead a Global Health Fellowship in Perioperative Medicine & bring doctors from around the world to study this new discipline. Through personal supervision I have trained >40 doctors in this emerging field & publicised this model through international talks on 3 continents including the World Congress of Anaesthesia in 2016. Within the trust my fellowship training programme is recognised as an exemplar recruitment & training strategy.

Accolades: Received first prize in National Patient Safety Award; Promoted to Professor at UCL; Awarded Principal Fellow of Higher Education Academy.

Name: ALISON CAMERON

GMC/GDC Number: 4522809

Speciality: CLINICAL ONCOLOGY

Led intracranial stereotactic radiosurgery (SRS) service since 2013. Focus on excellence in patient care and service development of SRS demonstrated through: successful business cases for new machines (2013/16) and implementation of new models of care allowing improved patient choice, efficiency and treatment; adopting new planning paradigms which has improved rates of trigeminal nerve neuropathy and, in pituitary adenoma, reduced dose to normal brain; and presentation of 10 research projects.

Led set up of teenage & young adult with cancer service (TYA) in SW 2009-15. Developed innovative service model, 26 multidisciplinary team across 7 hospitals, online MDT, new build facilities and nationally adopted holistic assessment app.

National roles since 2014: NICE Brain Tumour Guidelines Committee member, NHS England policy working groups member creating national commissioning guidelines for pituitary adenoma SRS treatment and writing paediatric radiotherapy service specification, NHS England expert reviewing quality of national SRS treatment & reviewer for SRS commissioning, TYA CRG SW representative, & NCRAS CTYA member.

Increasing role since 2011, now training programme director (TPD), in clinical oncology training. Resulted in "most satisfied" clinical oncology trainees on GMC survey in 2015 and 2017.

Name: DW BARTLETT

GMC/GDC Number: D 61587

Speciality: DENTAL

National

2018 Designed, promoted my national and international clinical index to record 3rd most common dental condition. In 2019 the index introduced into NHS clinical exams by registered dentists to record erosive tooth wear.

2018 Conceived, sourced funding and lead a new English registered charity improving understanding and knowledge of erosive tooth wear for patients, public and dentists. The professional website is funded by industry, contains advice for patients about their condition and free CPD for dentists.

My clinical experience and research skills have led to international reputation.

2014-2016 Assessor for mediated entry for GDC; till 2014: Chair of Restorative Dentistry Specialty Advisory Committee of Royal Colleges; 2017 President of the premier dental research society, secretary to International college of prosthodontics.

Research and training

2018 - Head of Clinical and Translational research centre at Dental Institute.

2014 - Lead supervisor in prosthodontics for largest course in Europe.

Since 2014, awarded £1.12M in grant income, 149 publications (41 in last 5 years), H index 29.

2014 - 2018: Chair of London Bridge Ethics Committee, accredited for Phase 1 drug trials.

2017: International Association for Dental Research Distinguished Scientist award.

2015: Kings College London Supervisory Excellence award.

Name: TREVOR HODGE

GMC/GDC Number: D 70538

Speciality: DENTAL

- Successful in becoming a Fellow of the Higher Education Academy (FHEA) 2015 & a Fellow of the Faculty of Dental Trainers, Royal College of Surgeons, Edinburgh (FDTFEd RCSEd) -2017 based on education roles with orthodontic therapists, UG & PGs.
- 2. Successful in European Board of Orthodontists (EBO) diet 2018. This required 4 years of preparation & I am only the 4th UK orthodontist to have been awarded this. It is awarded through examination of unseen cases & the submission of 8 treated cases of specific categories of challenging malocclusions treated to the highest peer reviewed standard as required by the regulations.
- Awarded the British Orthodontic Society (BOS) Maurice Berman Prize for Clinical Excellence
 2018. This is the first time it has been awarded since 2014. I am the first recipient to have
 been awarded this twice.
- 4. World Federation of Orthodontists Regional Award of Merit 2018. This award recognizes those who have made significant contributions to orthodontics, whether through academic, research, clinical practice or organized orthodontic pursuits. The BOS nomination was for establishing a WFO Educational Grants Scheme to cover travel, accommodation & conference fees to the WFO International Orthodontic Congress for those in training from the developing world. I am the first UK recipient of this award.

Name: CLAIRE STEVENS

GMC/GDC Number: D 77690

Speciality: DENTAL

- I work in a busy and highly performing Department. I have introduced innovative ideas such as a collaborative partnership with the Child Health and Monitoring Programme allowing us to identify and support obese children attending our clinics and signpost them to dietetic services. I support the training of 3 DCT's and 5 Speciality trainees, and act as Educational Supervisor to 1 DCT and 1 pre-CCST StR.
- As Chair of the Managed Clinical Network for Paediatric Dentistry, I provide expert clinical leadership into the strategic development of GMHSC Partnership. This included contribution to the Population Health Plan, commitment to improving children's oral health in the Burnham Mayoral Manifesto and system-wide implementation of policies and reduction in waiting lists for children requiring extractions under general anaesthesia.
- As Past President of the British Society of Paediatric Dentistry, I work tirelessly as an advocate for children's oral health and was appointed CBE in 2019. I lead the National Dental Check by One Campaign which saw 35,000 additional 0 to 2 year-old children accessing NHS dental services in 2017/18.
- I was on the steering group writing the National Commissioning Guide for Paediatric Dental Services. I Chair the MCN Chairs in Paediatric Dentistry group enabling us to share experiences and best practice.

Name: DAVID WARING

GMC/GDC Number: D 70777

Speciality: DENTAL

- 1. Nationally Chair of National Committee (Director of Professional Development) within British Orthodontic Society (BOS). Involve 3 national conferences 2018/19/20 and chair conference committee of 11. Also, I am on Board of Trustees of BOS.
- 2. Locally Clinical Lead in Orthodontics 2010 until April 2018. Involved major redevelopment of department, introduction electronic records, I introduced large MDT hypodontia clinic & appointing 5 new Orthodontic Consultants. Lead for 4 large quality audits (repeat yearly) indicating safety & quality of service. Service development Introduced 3 Orthodontic therapists to the department (2016). Therapists have heavily impacted on activity (100 addn episode/week £352K/annum) in both Orthodontics & other specialities e.g. TMD. I am appraiser for 8 Consultants. Chair local Committee.
- 3. Regionally Training Programme Director for 9 StRs in Orthodontics within HENW, since 2015.
- 4. Education I am actively involved in National Education Committee of BOS. I organise a national Therapist Training day. As an educator I have completed level 2 (Educational Supervisor) module of the Post-Graduate Teaching Certificate Edge Hill University 2015. I am a specialty Examiner for Membership in Orthodontics (M. Orth) RCS England & ISFE 2019. 4 of my trainees have won National Gold Medal at the RCS speciality exam.

Name: ROBERT GALLOWAY

GMC/GDC Number: 6027505

Speciality: EMERGENCY MEDICINE

I am very proud of my achievements & the impact it has on patient care & my Trust's good CQC rating.

- I have led on national & local staffing recruitment and retention initiatives developing novel annualised and self-rostering rotas. This online, new system of working (www.healthrota.com) is now used in over 12 NHS Trusts.
- Locally, the staffing initiatives have solved our local A&E staffing crisis, and nationally
 has been adopted by RCEM and supported by NHSI. I have won RCEM, HSJ & BMJ
 prizes for this.
- I have led on the local transformation of 'processing' emergency admissions, integrating A&E and medical teams. This award-winning systems design has been adopted by many other Trusts and adopted by NHSI.
- I have led on multiple award-winning initiatives to improve patient safety including developing emergency prompt cards & a Health Education England Human Factors courses, both used by multiple trusts.
- Academically, I have written 2 Critical Appraisal textbooks and 2 courses, and I am deeply involved with Brighton Medical School. I lead a Marathon research group.

Name: CAROLE GAVIN

GMC/GDC Number: 3488793

Speciality: EMERGENCY MEDICINE

Clinical

I am an emergency physician and trauma team leader working and developing care at a large Major Trauma Centre. I consistently provide consultant delivered care to high numbers of patients with significant injury and illness and developed a consultant staffing model that has been pivotal in the Trust consistently delivering a statistically significant number of excess trauma survivors and lower mortality rates than expected.

Patient Safety

I provide national and local leadership in patient safety. As a founding member of the Royal College of Emergency Medicine (RCEM) Safer Care Committee I developed national patient-safety initiatives including the development of the RCEM Safety Toolkit. Locally I developed and manage a departmental safety framework and have implemented protocols resulting in a 20% reduction in harm from misdiagnosis.

National Training Development

I developed and deliver the RCEM Intermediate Certificate exam that attracts over 2,000 candidates per year. I developed training materials and deliver training to examiners both in the UK and overseas to ensure consistent delivery and reliability of all of the College exams.

Postgraduate Education

As RCEM Director of CPD I developed and deliver a national programme of Continuing Professional Development for UK Emergency Physicians.

Name: RIZWAN YAHYA AHMED

GMC/GDC Number: 6053793

Speciality: MEDICINE

- Tuberculosis Lead & member of Regional & National TB Groups; I have developed local guidelines, contributed to national guidelines, established MDT working & set up new services (e.g. New entrant TB screening) resulting in reduced spread & incidence of TB.
- Provide a unique multidisciplinary, high quality 7-day respiratory service leading to reduced length of stay & safe & efficient patient flow through wards; regarded as future for respiratory care, influenced service implementation at other trusts & recognised by British Thoracic society (BTS).
- As an Educator I provide highest quality teaching & training, I have chaired sessions at National & International conferences & have delivered teaching sessions as invited international speaker. As educational Lead for Centre of Excellence in Safety for Older People (CESOP), I champion patient safety, compassion & professionalism in training healthcare staff & was program lead for the successful International Conference on Improving Safety in Older People (UK 18).
- Working with Advancing Quality Alliance (AQuA), I have incorporated principles of Shared Decision Making & Self-management Support, organised patient focus groups, redesigned appointment letters & developed home IV service; making services more effective, efficient, patient centred & saved hospital bed days.

Name: AFTAB ALA

GMC/GDC Number: 3567533

Speciality: MEDICINE

- I consolidated research in Hepatology within the Trust & KSS, recruiting 421 subjects, contributing to the greatest increase in clinical trials and recruitment by a research network in England recognised by the NIHR National Award (2017-18). I won over £900,000 competitive grants (2015-19), including chief investigator lead studies, successfully adopted to the national portfolio e.g. Research for Patient Benefit supported study (£329,259), recognised by NIHR as a 'model for engaging hard to reach populations in hepatitis testing', Chief Clinical Supervisor (£426,800) on a NIHR Doctoral fellowship with UCL & Public Health England.
- I worked closely with National/International policy makers to gain recognition of local/regional liver services. I developed the new tertiary multidisciplinary Wilson's Disease, Primary Biliary Cholangitis and liver cancer services supporting the NHS England Strategies in liver disease (2015 - current).
- I enhanced the reputation of Trust/KSS nationally/internationally building on collaborative links to USA including Yale University/Mount Sinai Hospital, developing new international MD/PhD programmes for local SpRs (2017- current).
- I helped to develop the 1st core National training NIHR research curriculum for Hepatology SpR, co-organised and co-hosted the National programme at the NEC Birmingham (2018).

Name: CHARALAMBOS ANTONIADES

GMC/GDC Number: 6109401

Speciality: MEDICINE

My work contributes to reducing the burden of cardiovascular disease.

- I am Full Professor, Deputy Head of the Division of Cardiovascular Medicine in Oxford. I have set up and directed the world-leading Oxford Academic Cardiac Computed Tomography Programme and core lab since 2013, providing world-class cardiac CT service that supports >20 externally funded clinical trials/studies and offers training to NHS staff. The programme has led to major breakthroughs, affecting clinical practice worldwide.
- I have raised >£7m in research funding as lead applicant and >£30m as co-applicant. I have published >250 full papers, with senior author papers in leading journals like Lancet, Science TM, Circulation etc.
- 3. I am a successful teacher. I received the Oxford's "Outstanding Graduate Supervisor Award 2018" (across all disciplines). Supervised 12 DPhil students, who won 14 prizes. I am substantially involved in Univ. and NHS admin, I organize podcasts and educational seminars (>30 so far).
- 4. As internationally recognized expert, I serve in leading roles in the EU Commission, the European Society of Cardiology (ESC) etc. I am deputy Editor of Cardiovas Res, (ESC's flagship basic science journal) and an Editor of Br J Pharmacol. I received the ESC Outstanding Achievement Award in 2016 and delivered many prestigious named international lectures.

Name: BRIDGET ATKINS

GMC/GDC Number: 3264335

Speciality: MEDICINE

- 1. Clinical: I am a full-time clinician on 3 hospital sites, with responsibility for in- & out-patients including the acutely sick. On call 1:5, providing 24/7 complex clinical & infection control advice. I chair the Oxford Infection consultants' governance group.
- 2. Bone & Joint Infection (BJI): I am an international leader in BJI improving outcomes for patients with complex, resource-demanding infections. I was clinical lead of the Oxford Bone Infection Unit 2013-2018, achieving excellence in clinical care & obtaining national NHS England funding for supra-regional work. I am a regular invited speaker at national and international meetings and work on projects improving laboratory diagnostics and clinical management.
- 3. Regional Training: Training Programme Director, Infectious Diseases/Microbiology, HEE Thames Valley 2012-. I recruit & run programmes/assessments (25+ trainees). I provide careers advice, support trainees in difficulty & manage 14 Ed Supervisors.
- 4. National Training: Chair, RC Path Medical Microbiology & Vice chair of RCP Infectious Diseases training committees, leading Shape of Training changes & new curriculum development. RCP CESR assessor, assessing suitability of doctors for the GMC speciality register. External assessor for RCP Ireland & 3 UK deaneries. Royal College & British Infection Assoc. Manpower & Training rep.

Name: STEPHEN BALL

GMC/GDC Number: 3253234

Speciality: MEDICINE

Following 17 years as Senior Lecturer & Consultant in Newcastle, (during which I established a successful clinical, research & education practice), I moved to my current post in Manchester in 8/2015: attracted by the potential to help build a forward-looking service within the newly established, devolved health & social care system. Greater Manchester has some of the poorest health outcomes in the UK, with significant variation across the 2.5 million population.

At the same time, the political, clinical and academic leadership across the City had the vision to see solutions I was keen to be part of. Through 2015, I gained additional skills in medical leadership through the Kings Fund. Together with the clinical, medical management and education experience built over time, these skills have enabled me to progress a number of agendas: improving clinical standards in my Trust, developing services for young adults across Manchester and the North West and building the work force through education and training.

I have taken on additional responsibilities, moving to Clinical Director, Associate Medical Director and Greater Manchester roles while maintaining my clinical workload, national and international profile. There is much to be proud of to date, but there remains much to do. I have not previously applied for a national award.

Name: ANDREAS BAUMBACH

GMC/GDC Number: 4674919

Speciality: MEDICINE

CLINICAL: I am a leader at Barts Heart Centre where I established the complex intervention group. I am selected to personally demonstrate live cases to teach interventional techniques at leading European/worldwide cardiology conferences, enhancing visibility of my departments as centres of excellence. (Examples: EuroPCR Paris 2015 and 2019, European Society 2017, Acute Cardiovascular Intervention London 2018).

RESEARCH: Established Bristol as a top ten cardiovascular recruiter in UK portfolio studies, (2,907 patients enrolled in 5 years), enhancing research infrastructure, and lead the theme Intervention in the 2014 NIHR Biomedical Research Unit, contributing £6.9M to departmental funds. I lead the theme Devices in the 2018 NIHR Barts Biomedical Research Centre raising £6.6M.

NATIONAL: Chair (2018) of the working group Patient Selection and Benefits in the NHS England Specialised Commissioning Improvement Programme, which develops patient focussed pathways for increased access to the appropriate treatment for aortic stenosis.

INTERNATIONAL: President (2018-20) of the European Association of Percutaneous Cardiovascular Intervention (membership >9,000). Focus of my presidency has been to establish a certification standard for training (2018), and a major Europe-wide initiative on patient centred care in interventional cardiology.

Name: ERBEHR

GMC/GDC Number: 4031491

Speciality: MEDICINE

My vocation is to prevent sudden death through patient focused translational research. My research underlies national & international guidance for managing families with unexplained sudden deaths. I was appointed Professor in 2018; published 219 articles with a Web of Science H-Index=40; supervised 15 fellows & 9 MD/PhDs; & raised £3million in grant money.

I founded the European Cardiac Arrhythmia Genetics group of the European Heart Rhythm Association. I led St George's into the European Reference Network Guard-Heart. I lead & collaborate in international consortia studying the genetics, pathology & prevention of sudden death.

I am President of the first professional body in my field: The Association for ICCs (AICC). I developed patient pathways; a national dataset; organised council meetings, & annual sessions for membership, British Heart Rhythm Society & British Cardiovascular Society (BCS). I affiliated AICC with BCS, attend council & speak at BCS meetings. I co-chair the South London ICC & Operational Delivery Network leading MDTs, patient pathways & databasing.

I lead the arrhythmia subdomain of the Cardiovascular Genome England Clinical Interpretation Partnership for 100,000 Genomes developing eligibility criteria, data models & research projects. I chair the Rare Arrhythmia Syndrome Evaluation national consortium.

Name: DAVID BENNETT

GMC/GDC Number: 4633800

Speciality: MEDICINE

- Outcomes with clinical impact: I single-handedly developed the neuropathy clinical service at Oxford, activity doubled in 5 years and innovation includes new gene panels and electrophysiology diagnostics for pain channelopathies receiving national referrals. Validation of diagnostic pathway for non-freezing cold injury (2017), now used nationally and adopted by Ministry of Defence.
- 2. Delivering a portfolio of translational pain research nationally and internationally: Vice-director of the European Consortium of 19 European centres resulting in new biomarker adoption by the European Medicines Agency in 2017. Co-lead of the National Institute of Health Research bioresource (2015-2019), neuropathic pain a first of its kind study in applying whole genome sequencing in 8 UK NHS trusts. Nationally approved portfolios recruiting > 250 patients per year.
- 3. **Markers of distinction and leadership:** 2016 award of the biennial Patrick Wall Medal by the Royal College of Anaesthetists for pre-eminence in pain research, Wellcome senior clinical fellowship (renewed in 2016) and delivered the plenary lecture to 5,000 attendees at world pain congress 2018.
- Excellent research outputs: 77 peer reviewed publications since 2014, including in Nature Communications, Nature Genetics, Neuron, PNAS and Lancet Neurology. H-index of 45. I filed 2 patents in 2016.

Name: SURINDER BIRRING

GMC/GDC Number: 4177962

Speciality: MEDICINE

Excellence in clinical service

I lead a specialist cough clinic serving South England and have increased the service by 250% since 2016. Innovations include in-clinic novel physiotherapy intervention. I lead one of UKs largest Sarcoidosis service and in 2015, I developed a unique multidisciplinary clinic.

Excellence in research

I was awarded Professor of Respiratory Medicine at KCL in 2017. I have published 60 papers last 5 years, led the development of 4 quality of life tools widely used in respiratory medicine: LCQ, KBILD, KSQ, and BHQ-2017. I led the development of a cough monitor (LCM) that has been used in large international studies (2013+). Chief investigator of international antitussive trials: TRPA1 (2013), Cromoglycate (2016), Physiotherapy (2016), Diphenhydramine (2015) and P2X3 (2018+).

Excellence in training/teaching

Clinical Teaching Excellence Award by students of KCL (2016). Organised PG training courses at the American Thoracic Society (2013) and a national COPD & Cough Conference 2015 at KCL. Supervised to completion 2 MD and 4 PhD since 2013.

Excellence translated

My research has had considerable impact on the guidelines that I have co-written, namely the American College of Chest Physicians Cough Guideline (2015+), ERS (2015) and BTS. Invited speaker >25 international meetings in last 5 years.

Name: SARAH BLAGDEN

GMC/GDC Number: 4127242

Speciality: MEDICINE

Internationally, founded the **UK RNA Alliance** between Cancer Research UK (CRUK), RNA biologists and US pharma to develop anti-cancer agents targeting messenger RNA; were awarded £35 million in 2017. Since 2014, published 25 papers (14 as senior author), have H index of 25 and 2,411 citations. Supervised eight research fellows for higher degrees.

Nationally, November 2016 became **Oxford Experimental Cancer Medicine Centre (ECMC) Lead**, and successfully developed our quinquennial renewal bid totalling £1.7 million (from the Department of Health and CRUK) to support early-phase trial delivery within the national ECMC Network. In 2018 voted to Deputy Strategic Lead for ECMC.

Locally, appointed to **head of Oxford's Early-Phase Clinical Trials Unit** in April 2017 and lead a multidisciplinary team of >40 trials staff to deliver over 80 Phase I/II trials of novel treatments to cancer patients every year. In 2017, revamped the Oxford biomarker laboratory to offer state-of the art multiplex imaging on clinical trial samples. Secured >£2M of inward investment to develop novel therapies.

Departmentally, **Athena SWAN Deputy Lead (2017-18) and Lead (from 2019).** Dept is Silver Award holder. Introduced successful mentoring "matching" scheme for faculty staff and academics; led initiatives including annual career talks and feedback focus groups.

Name: JANET BROWN

GMC/GDC Number: 4019945

Speciality: MEDICINE

Head, Sheffield Academic Unit of Clinical Oncology (since 2016), Co-Director, Regional Cancer Clinical Trials Centre (2016-19), managing >100 NHS/University staff on patient-centred studies with ~150 currently active trials. Co-led Education/Research Sheffield Trust Transformation Programme (2016-18).

Internationally forefront research profile in bone oncology, with frequent invitations to lecture, advise and lead studies. Large grant awards, £15M in 5 years. I lead a clinical/lab research team of 30 NHS/University staff. Discovered/validated 3 novel biomarkers to predict risk of bone metastasis in breast cancer. CI of STAR, largest UK metastatic renal cancer Phase II/III trial, from concept, funding (£2.4M/NIHR) to full recruitment - a landmark practice-changing study to improve QoL and deliver NHS economic benefits.

Since 2015, developed/led expansion of S. Yorkshire uro-oncology practice, due to chemotherapy/immunotherapy being given earlier in pathways. I personally ran numerous extra prostate clinics to meet treatment targets. Attracted/appointed 2 external clinical academics to strengthen consultant team.

2016-19, National Clinical Adviser to NICE for assessment of genomics technology testing in early breast cancer. Now published/adopted throughout NHS as service improvement to prevent over-treatment, toxicity and save NHS funds.

Name: MICHAEL BROWN

GMC/GDC Number: 4120166

Speciality: MEDICINE

- 1. Clinical Lead 9 yrs, now Director, one of Europe's premier trop med/ID centres. Leadership in improving access: new liaison service, Rapid Access Clinic, team-based care on ward; antbx stewardship leadership. Strategic leadership, emerging infections (Chikungunya/Zika/Ebola): new clinics, modified VHF guidelines nationally, succession planning/ expansion of pre-travel service to support NGOs. 25% increased walk-in footfall. Divisional award, Leadership; led winning teams Trust awards, Teamwork & Improving.
- Access: NHS ID Clinical Reference Group member: Co-designed 2 UK ID service provision surveys; chaired Stakeholder meeting on service review plans. Led/contributed local/ national guidelines, convened national meeting/ review of PET for unexplained fever; ID expert for BSH eosinophilia guideline; BMJ: traveller's diarrhoea.
- MDR lead, TB service [NHSE specialist centre]; led Lancet MDRTB piece & international clinical trial roles (co-CI REMOX trial; endpoint review STREAM); media work (BBC & national papers) raising TB / tropmed profile.
- 4. 2-year RCGP migrant heath lecture series & subseq CCG seminars (pioneered care screening audits). Primary care Birth country recording now used in TB screening. Maximised public health learning from imported trop cases, (tryps, rabies, cysticercosis), by clinical/academic/policy networking.

Name: HECTOR CHINOY

GMC/GDC Number: 4326553

Speciality: MEDICINE

Research: I have led on pivotal research within a rare disease, myositis. I described a link between an antibody, TIFgamma, and cancer risk. I was the first to describe the association (2007) and have since described the type of cancer and age risk (2018). My work has resulted in the antibody now being available for routine testing in the NHS, flagging myositis patients at risk of cancer. To date, 106 published papers, H index 24.

Leadership: Chair of national guideline group for myositis management and treatment (2017 -). Chair, Euromyositis Registry, overseeing data collection >5,000 patients in >25 countries. For a total of 18 out of last 24 months, I have hosted 8 consultants (5/8 UK-based) for preceptorships, who are now implementing change in their own institutions.

Teaching: Plenary lectures at major Rheumatology/medical meetings nationally and worldwide (21 since 2011). Overseen major changes within Manchester MSc Rheumatology as Programme Director (2010-). Hosted national educational myositis workshops aimed at consultants and registrars (2015-17).

Service: Lead an innovative neuromuscular service for the North West, attracting UK-wide referrals. Co-led on new service development of a novel combined dermatology/rheumatology clinic, a model copied in other centres (2013-), now recommended gold standard by NICE CG153.

Name: ANDREW CLEGG

GMC/GDC Number: 6077512

Speciality: MEDICINE

In the last 5 years I have led pioneering work to improve care for older people with frailty, with major national and international impact.

- 1) I led the development and national implementation of the electronic frailty index (eFI), enabling frailty identification using routinely available primary care electronic health record data. This pioneering work enabled major NHS policy change, through the 2017/18 GP contract, which includes the identification and management of frailty as a key contractual requirement. Since eFI implementation, around 2.5M older people have been assessed for frailty, and evidence-based interventions provided. The work has been cited in the NHS Long term Plan and influenced health service change in Europe and North America.
- 2) My leadership of national frailty work has been recognised in prestigious national awards, including the 2017 RCP Excellence in Patient Care Award for Innovation.
- 3) I have led a large portfolio of internationally-recognised frailty research, holding research grants totalling £13M. I was awarded the 2018 RCP Linacre Lectureship in recognition of my outstanding research, with evidence of major translational impact.
- 4) I have made major contributions to influential national guidelines, including the 2016 NICE Multimorbidity Guideline and 2014 BGS & RCGP Fit for Frailty guideline.

Name: SP CONROY

GMC/GDC Number: 4173999

Speciality: MEDICINE

I am focused upon promoting excellence in acute care of frail older people locally, nationally and internationally:

Local: validating frailty risk stratification at the Leicester Royal Infirmary, advising on the local frailty strategy and mentoring future NHS leaders in frailty (e.g. Laithwaite, Aijaz), growing the next generation of clinical academics including medical students (7 current), academic clinical fellows (3 current), PhD candidates (2 current) and lecturers (1 current). I lead the Mental Health, Ageing, Primary Care and Public Health in my new role as Professor of Geriatric Medicine at the University of Leicester (May 2018+).

National: promoting best practice nationally as lead for the Acute Frailty Network and the Specialised Clinical Frailty Network. Implementing research findings from the Hospital Wide Comprehensive Geriatric Assessment study (e.g. national approach to frailty risk stratification in acute hospitals, using the clinical toolkit in the frailty networks) and undertaking new research on models of emergency care for older people (NIHR HSDR, 2018+).

International: disseminating best practice internationally through publications (e.g. Lancet 2018), conferences (keynotes in Canada, Sweden, Holland and the King's Fund, London in 2017-18), books (co-editor, Geriatric Emergency Medicine 2017).

Name: GRAHAM COOKE

GMC/GDC Number: 4156084

Speciality: MEDICINE

Clinical

My co-infection service exceeded the BHIVA target for hepatitis C treatment and cut new infections by >75%. I developed and introduced a resistance testing service, providing >600 tests/year to improve treatment outcomes, the service was alone in scoring 100% in UK external assessment (2018).

Research

In 2017, I was awarded one of 5 prestigious NIHR Research Professorships in national competition. My research focuses on how to best use new hepatitis C treatments and improve access for all in need. I lead the clinical theme of the UK Stratified Medicine Consortium and am Chief Investigator for trials in the NHS and internationally. My work (H index 43) has informed national (BASHH 2016) and international guidelines (European, WHO guidelines, 2016). I co-lead the BRC infection theme at ICHT and have championed translational infection research.

Leadership

I led the Commission on Accelerating the Elimination of Viral hepatitis (91 authors, 2019). As chair of the BHIVA Expert Advisory Group on hepatitis, I led development of elimination targets for hepatitis C (2018). As chair of WHO Essential Medicines, I led adoption of new hepatitis C treatments and development of the AWaARe index for antibiotics.

Teaching

I am co-director of the BSc in Global Health at Imperial College and received a Teaching Excellence Award in 2017.

Name: MICHAEL DAVIES

GMC/GDC Number: 4126870

Speciality: MEDICINE

Service development

- Clinical Director for a thriving tertiary Thoracic service, leading service to hospital relocation in 2019.
- Co-lead for successful regional MND respiratory service; doubled in size in 10 years, outcomes continually improving and superior to other published data, research challenging NICE guidance.
- Established new Duchenne Muscular Dystrophy respiratory service, improving patient pathways and showing clear QI project success. 20% increase in referrals.

National commitment to improve the outcomes of patients treated with acute non-invasive ventilation

- Clinical Lead for the British Thoracic Society acute NIV audit.
- Successful application for NCEPOD study (Inspiring Change) to increase focus and understanding of issues.
- Led publication of BTS NIV Quality Standard.
- Led development and publication of NIV QI toolkit.
- Research to simplify patient monitoring.

Contribution to service delivery: Weaning patients from prolonged ventilation

- Unit lead for service; published results show higher survival and discharge home rates than any international data. Invited plenary speaker international conference (Orlando).
- RCP representative, National Respiratory Clinical Reference Group (2013-16);
 personal contributions included rewriting 2 NHS England Service Specifications (Weaning + Complex Home Ventilation).

Name: ANTHONY DE SOYZA

GMC/GDC Number: 4111782

Speciality: MEDICINE

ANTHONY DE SOYZA GMC: 4111782

- 1) RESEARCH: External grant funding of >£6 million 65 papers since 2014; prestigious fellowships/grants from NIHR and MRC. International standing; Scientific Chair of EMBARC European bronchiectasis registry. Lead of UK national bronchiectasis consortium & registry. Global chief investigator and UK national lead for multiple trials. As NIHR National specialty group lead, I led the group to the fastest "rapid review" of trials protocols, improved industry recruitment by realistic target setting and hosted a national industry event attracting new trials to the UK.
- 2) HIGH QUALITY SERVICES: Single handed lead for a UK leading Bronchiectasis service in the UK, based on rigorous audit and peer review. Outperforming national audits in 2013, 2014 and 2018. Developed and sustained home IV antibiotic service; noted as outstanding in CQC visit.
- 3) TEACHING/TRAINING: Supervisor to 5 PhD and 5 MSc students; supported 5 medics & AHPs to obtain prestigious NIHR/MRC Doctoral Research Fellowships; invited lecturer at international conferences 2016, 2018, 2019. Led the Royal Society of Medicine "Bronchiectasis and Me" patient day 2018.
- 4) QUALITY IMPROVEMENT: Author of European Roadmap for Bronchiectasis and Bronchiectasis Patient Passport, BTS Guidelines 2019 Bronchiectasis author, ERS 2018 Bronchiectasis author.

Name: ELAINE DENNISON

GMC/GDC Number: 3467389

Speciality: MEDICINE

I am an academic rheumatologist with a special interest in musculoskeletal aging and metabolic bone disease, with a publication record of 223 original papers, over 80 reviews and book chapters and £11 million grant funding (Principal Investigator/ co-Principal Investigator).

I was co-applicant of the successful bid for a Paget's Association Centre of Excellence at Southampton Universities Hospital Trust in 2018, celebrated with a patient education event and leading to launch of the Paget's patient passport to record prior therapy and medical history.

During my tenure as NIHR Musculoskeletal clinical research specialty lead (2015-2018), Wessex was ranked in the top third for musculoskeletal portfolio performance, and I am the lead Principal Investigator for a recent initiative that sees new technology introduced to mainstream clinical practice (Echobones).

I am passionate about education; I have been Wessex Training Director for Rheumatology for 4 years; am the Academic representative for Specialist Advisory Committee for the last 2 years, led the academic foundation training programme at Southampton since 2015 and was appointed as overall Director of Southampton Clinical Academic Trainees in 2018.

Name: MARK EARLEY

GMC/GDC Number: 4009089

Speciality: MEDICINE

In both the elective and emergency situation, I perform a large volume of complex procedural work safely for the largest electrophysiology (EP) tertiary referral centre in the UK. Despite this demanding clinical workload, I have continued to make contributions to both the local NHS network and through national and international representative activities. I am most proud of the following achievements in the past 5 years:

- Forming close links with primary care in East London, establishing an award-winning video referral clinic for GPs, reducing referral to treatment times and preventing unnecessary hospital appointments (2016).
- Delivering a meaningful and national award-winning quality improvement program that will
 prevent strokes and save lives by ensuring appropriate use of blood thinning medications for
 patients with AF in primary care (2018).
- Since 2016, growing an outpatient, nurse led implantable loop recorder service, to be the UK's largest, with considerable income generation and savings to both Barts Health and the NHS.
- In 2018, becoming chair of the European Heart Rhythm Association certification committee. A
 prestigious international leadership role.

Name: THOMAS FOLTYNIE

GMC/GDC Number: 4208950

Speciality: MEDICINE

I have personally obtained >£4.5M research funding and acted as chief investigator for a series of clinical trials, evaluating exenatide as a neuro-protective treatment in Parkinsons disease, published in the Lancet 2017 and the subject of major international news coverage, culminating in a phase 3 trial to commence in Q3 2019. I was awarded the Tom Isaacs prize for Innovation in Parkinsons research in September 2017.

I was chief investigator for the world's largest 2-centre randomised trial of Deep brain stimulation (DBS) for Tourette's syndrome, published in Lancet Neurology 2015 and consequently listed as a research priority by NHS England.

I was chief investigator for 2 world-first, randomised trials of Deep brain stimulation for:

- i) Parkinson's Disease dementia (2016)
- ii) Dementia with Lewy bodies (2017) and have been appointed as UCL Principal Investigator for commercial trials of gene therapy (Oxford Biomedica) and alpha synuclein immune therapy (Biogen) approaches, as innovative treatment options in Parkinson's disease both currently recruiting patients.

I have been appointed by UCL Promotions committee as Professor of Clinical Neurology with effect from October 2016, based on my continued track record of successful grant funding, academic publications and PhD student successes.

Name: IAN FORREST

GMC/GDC Number: 4116718

Speciality: MEDICINE

Since personally establishing the Newcastle ILD service I have driven its development. The service is now a highly respected tertiary service receiving over 600 referrals /year. We have received national recognition as the first service in the UK to embed specialist palliative care. The service has tripled in size in the last 5 years and is the 4th largest centre in the UK. I lead the Northern ILD network and have developed patient support groups, treatment pathways and multi-professional education.

Despite being a full-time NHS clinician with no protected academic sessions, I run a successful research programme with PI/CI roles in NIHR studies. I supervise 3 higher degree students with funding from the BLF, Governmental sources and a £1.3M MRC award.

As Training Programme Director for Respiratory Medicine, I designed and implemented radical program restructuring and developed the teaching programme including an innovative and highly acclaimed portfolio of 'passport' courses. Support for LTFT working was recognised as good practice by the GMC in a 2018 visit. The program has ranked top in the UK for 2 consecutive years in 2017/2018.

I deliver education at regional and national level, leading two national courses for the BTS since 2011. I continue to deliver teaching as an invited speaker at speciality and RCP National meetings.

Name: NEIL FRENCH

GMC/GDC Number: 3264184

- I am recognised expert on pneumococcal vaccines, a member of the Department of Health pneumococcal subcommittee of the Joint Committee on Vaccination and Immunisation (JCVI), provide technical assistance to the WHO and co-wrote UK HIV vaccine guidelines. I have funding of £6.5m in the past 7 years, with research that has impacted on policy – the use of conjugate vaccines in HIV infected adults.
- 2. As Founding Co-Director, since 2014, I have led the University of Liverpool Centre for Global Vaccine Research (CGVR). Key awards include the development of a Zika virus vaccine. Supported by a £4.7m Innovate UK award. This vaccine will enter phase 1 studies in 2020.
- 3. I play a major role in local academic leadership: I direct the Department of Clinical Infection at the University of Liverpool; direct the Wellcome clinical PhD programme in Global health; play a senior role in the North west coast CRN, having been division 6 lead 2014-18; and am a board member overseeing integrated academic clinical training as well as supervising three Academic Clinical Lecturers (ACL) and one Fellow (ACF).
- 4. I support clinical research nationally and internationally: I have chaired and served on multiple international and national Data and Safety Monitoring Boards, and I serve on the Wellcome expert panel on Immune System in Health and Disease.

Name: YVONNE GILLEECE

GMC/GDC Number: 4126935

Speciality: MEDICINE

I provided leadership by chairing and implementing the National BHIVA HIV in Pregnancy Guidelines 2018 which define how women are looked after in the UK. They were revised to incorporate new safety data for women and a reduction in unnecessary HIV drug exposure to infants. Our response was presented at the International World Aids Conference 2018, alongside WHO guidelines as an example of good practice.

I have striven to improve HIV care for women living with HIV, by establishing and chairing the SWIFT network from 2014, with women living with HIV at the heart of research, the first project of its kind in the UK, and also by developing a Women's Specialist HIV Clinic, informed by a patient survey and providing hormonal, HIV and psychosocial care for women, all within one appointment with 100% patient satisfaction and unique to Brighton.

I was the only HIV physician to lead the integration of HIV and Hepatology, establishing Brighton as an ODN for Hepatitis C care, 1 of 15 in the UK, driving down local coinfection rates.

I have pursued excellence in education and knowledge about HIV, by being part of the BHIVA Executive Committee, providing national leadership, but also internationally as part of European AIDS Clinical Society, through educational meetings, guidelines, standards and conferences.

Name: ADAM GORDON

GMC/GDC Number: 6024546

Speciality: MEDICINE

From 2015, I designed and implemented geriatric surgical liaison services at Royal Derby Hospital, improving outcomes for older patients undergoing emergency laparotomy. This has reduced length of stay and costs, won a Derby Hospitals Celebrating Success Award, been nominated for a Health Services Journal Award and been used as a case study by the National Emergency Laparotomy Audit where Derby is one of only 3 trusts to meet the benchmark for geriatrician input.

With the East Midlands Patient Safety Collaborative, I led the first UK implementation of an international care quality benchmarking audit. 1,045 residents from 39 homes participated in the 4th round in 2018. This has improved engagement between NHS and care homes and been associated with a 30% point-prevalence drop in pressure ulcer rates. We have collated case studies showing improved care in falls, continence and nutrition.

As Associate Professor in Medicine for Older People, I have led an internationally recognised portfolio of care home research which has: informed national policy including NHS England Enhanced Health in Care Homes; developed a novel algorithm to identify care home residents in hospital databases, now used by 5 NHS organisations; and acted as a focus for a nationally - recognised Enabling Research in Care Homes Network.

Name: HARRIET GORDON

GMC/GDC Number: 3279681

Speciality: MEDICINE

National workforce leadership:

- Addressing the workforce shortage, as Director RCP Medical Workforce Unit 2014-17.
- Managed the national physician annual consultant and trainee census data to articulate workforce shortage, enabling RCP pressure to successfully increase workforce. Represented 32 medical specialties in workforce quality issues: Safe medical staffing working party, Future Hospital Commission, cancer workforce strategy, all published 2017/18.
- Retain workforce: created RCP Professional Wellbeing and flexibility group (2017-); professional initiatives including *Later Careers* 2017, working flexibly to prolong careers.
- Created and lead the RCP Emerging Women Leaders' Programme (2018-).

Clinical leadership for quality improvement and patient care

Alcohol:

- Founded trust alcohol intervention team 2012-, working into primary care with reduction in repeated attendees, nominated for NHS 70 award.
- Co-clinical lead AHSN reducing harm from alcohol programme (2013-18): 9 Trusts alcohol related liver disease benchmark data, and audit and treatment pathway now used nationally.
- Founded and chair Wessex regional Endoscopic ultrasound (2012-). 4 centres
 working collaboratively in governance and audit standards. Biopsy outcomes
 comparable with high volume centres, yet service provided locally, published 2017.

Name: BRIDGET GRIFFITHS

GMC/GDC Number: 3278219

- I am the appointed national Chair of NHS England's Specialised Rheumatology Clinical Reference Group (2016 - ongoing). I chair a group of experts & patient representatives responsible for influencing & developing clinical policy, relevant to specialised rheumatology.
- We have developed new clinical commissioning policies & updated existing ones.
- I lead the service specification review which will reflect the importance of regional networks & multi-disciplinary/multi-speciality team meetings to ratify high-cost drugs.
- I lead the Northern region's specialised rheumatology clinical network. In January 2018, I set up the monthly specialised rheumatology multi-disciplinary team meetings to implement relevant NHS England clinical policies, NICE technology appraisals and provide a forum to discuss complex patients from around the region, thus ensuring equitable & timely access to treatment & standards of care for our patients.
- I lead the trust's specialised rheumatology autoimmune connective tissue disease & vasculitis service & rheumatology day-case unit.
- I contributed to the first NICE-accredited treatment guidelines produced by the British Society of Rheumatology for systemic sclerosis & systemic lupus erythematosus, as an invited member of the two policy working groups. The guidelines were published in 2017 & 2018 respectively.

Name: MAHIR HAMAD

GMC/GDC Number: 4242969

- I received the inaugural MRCP PACES Champion award by the Royal College of Physicians (RCP), for hosting the Country's largest examination centre, with 270 candidates examined annually. Also chair PACES examinations nationally & internationally & I am a pathfinder examiner for new/prospective international PACES centres. 2018 - I was selected by the RCP, as a representative at the Queen's Annual Garden Party at Buckingham Palace for my support to the RCP.
- As Clinical Director for 10 years, I implemented robust pathways to manage over 100 unselected admissions a day, representing 8% annual increase in clinical activity. I restructured patient care pathways, expanded ambulatory care and acute admission units & created new Rapid Access Frailty (RAFU) & Short Stay Units (SSU). These changes decreased length of stay (LoS) by 4 days, making significant contributions to the Trust's financial & bed status position, (top 10 in the Country for delivering emergency care).
- My workload is well above peers (6,324 patients vs 1,540 peer vs 708 national). I have a low mortality rate of 0.04%, with hospital LoS significantly lower than peers, (0.09 vs 2.7 peer) & a similar readmission rate.
- I have a leading educational & research role in ambulatory care, evidenced by National & International lectures & peer-reviewed journal publications.

Name: ALEXANDER HAMMERS

GMC/GDC Number: 4458580

Speciality: MEDICINE

Since return to the UK in 2014:

- I lead one of the largest PET Centres nationally and have led & managed expansion from 2 PET/CT scanners to 3 PET/CT and 1 PET/MR; & increased scans from ~3,700/y to ~7,000/y (+~89%, well above national average; research ~doubled). In addition, I acted as interim Head of School (HoS), responsible for ~450 people for over a year, and I helped recruit a new HoS with accompanying expansion (+1,900m2, +130 people). Continuing as Deputy HoS.
- Teaching: I have developed two new courses (PET-MR: Science and Practice; Neuroanatomy for Imagers); I am regularly among the top 5% rated teachers in multiteacher events.
- Research: Over 70 items published since returning to the UK, (Google Scholar h index 54 & 37 since 2014; >11,000 total citations, of which ~6,000 since 2014). With a colleague, we have brought the leading international brain PET conference (NRM2018) to London. Methodological development of the novel technology of hybrid PET-MR, including PET-MR-EEG. Research underpins all areas of my clinical practice.
- Principal or co-applicant on current external research grants worth £20.6M, plus support
 of current grants worth >£1.1M. Extensive student and junior training; many have gone
 on to scientific careers up to professorial level.

Name: MOHAMED WASIM HANIF

GMC/GDC Number: 4561033

Speciality: MEDICINE

Local (Since 2014): As Clinical Service Lead Diabetes, I have led workforce expansion 4 consultants, 5 DSN, delivering high-quality service. Best care award (17) Quality in Care Diabetes Winner (18), commendation trust Board (17), Led successful bid for NHS diabetes transformational fund - approximately 1.2 Million (17), advised NHS pilot for Diabetes Prevention Programme.

Research (Since 2014 started 03): Eminent international expert on diabetes. Grants of approximately 5 Million Pounds. Appointed Hon Professor of Medicine University of Warwick (14). CAG Lead Diabetes ITM, Board of CEDAM, Chief & Principal investigator over 25 studies, several landmark publications and international guidelines, several keynote lectures at international meetings, 100 peer reviewed publications.

National (2014): Board of Governor Diabetes UK (15), Trustee South Asian Health Foundation (15), Advisor NHS Diabetes Prevention Programme (15), Member MHRA (14), Expert Advisor NICE (18), Member All Party Parliamentary Party Group Diabetes (09),

International (2014 On): Member Guidelines Group International Diabetes Federation (14), Advisor European Parliament Diabetes Group (16), Co-Chair Diabetes/Ramadan International Alliance (15), Member UK Science & Innovation India (17), Board Member Biosensors Beyond Borders London School of Hygiene International Project (18).

Name: MOHAMMED HARIS

GMC/GDC Number: 6030787

Speciality: MEDICINE

I have developed & led the Trust Pleural Services since 2012, winning 2 Annual Trust Awards - Clinical Excellence (2013), Improving Patient Care Through Innovation (2016); shortlisted for the HSJ 2019 national awards. I introduced advanced pleural interventions including Thoracoscopy, long term chest drains and ambulatory drains resulting in early diagnosis, admission avoidance, reduced length of stay & better patient outcomes.

I have developed & delivered the Endobronchial Ultrasound (EBUS) service, winning the Trust Annual Award for Clinical Innovation (2013). Since its introduction (2012), this service has had profound impact on lung cancer, sarcoidosis, tuberculosis & lymphoma diagnostic pathways.

I have developed & delivered the advanced bronchoscopy services - introduced physician-led rigid bronchoscopy, ambulatory bronchoscopy, tracheo-bronchial stent placement, tumour debulking, mini-EBUS (sample peripheral lung nodules) and minimally invasive endoscopic lung volume reduction techniques.

I am chief investigator (CI) & principal investigator (PI) for academic studies in collaboration with Keele University; PI and co-investigator for several national portfolio trials. My enthusiasm & commitment to deliver Trust R&D vision has enabled the pleural team to be the top 5 recruiter for pleural studies in the UK.

Name: EUGENE HEALY

GMC/GDC Number: 3702192

Speciality: MEDICINE

As expert advisor to National Institute of Health and Care Excellence (NICE), expert member on NICE sunlight exposure: risks & benefits guidance, topic advisor on NICE committee on management of acne, and member of NHS England specialised dermatology clinical reference group, I have evaluated evidence/generated guidance to optimise public health and care of patients with skin diseases.

As founding member of UK Translational Research Network in Dermatology, I led on a strategic UK-wide delphi, which included patient input, to identify key priorities for skin research, and the subsequent development of two major collaborative networks, UK TREND Eczema Network and UK Keratinocyte Cancer Collaborative, which undertake cutting-edge research on eczema and skin cancer for benefit of NHS patients.

As member of Royal College of Physicians (RCP) MRCP Part 1 exam board, member of RCP dermatology specialty certificate exam standard setting group, member of RCP dermatology question writing group, and member of RCP dermatology specialist advisory committee, I have made national contributions to medical education/training.

Have authored >100 publications in scientific journals (23 since 2014), supervised 12 PhDs to completion. I am associate editor for British Journal of Dermatology and member of editorial board for Experimental Dermatology.

Name: LING-PEI HO

GMC/GDC Number: 3544749

Speciality: MEDICINE

High quality clinical service. I set up the Oxford Sarcoidosis Service; now one of the largest, nationally recognized tertiary referral centres, (average 1,000 sarcoidosis patients seen/year), with an integrated research programme, multi-specialists and discipline management protocols and patient support group. One of three in UK endorsed by the World Association of Sarcoidosis and Other Granulomatous Diseases (WASOG) for commitment to needs of sarcoidosis patients and advances in disease (2019).

Leadership and quality improvement for patients. Forefront of national efforts to deliver excellent care for sarcoidosis. I am Chair of NHS England Working Policy Group for Infliximab in refractory sarcoidosis, serve on committees for British Thoracic Society (BTS) statement on management of sarcoidosis, first UK-wide BTS Registry for sarcoidosis patients to allow coordination of national policies, and am National Lead for NIHR Translational Research Collaborative platform to coordinate UK-wide lung disease clinical trials.

Patient-related research and education. Since 2014, I have won £3.1M to support clinical and research for lung fibrosis in Oxford, published 15 papers and 1 book (H-index 32). I currently lead the innovative MRC-funded Alveolar Regeneration national collaborative programme to build new lungs for advanced lung fibrosis.

Name: ANDREW HOPPER

GMC/GDC Number: 4513274

- 1. Nationally, I am unique in delivering extensive variation in endoscopic 'ultra-high-risk' procedures that would normally be delivered by multiple consultants. I developed these services with charitable applications of £200K. I demonstrated low complications at national meetings (4.6% vs published rates up to 26%).
- I provide diagnostic and therapeutic endoscopy for Neuroendocrine Tumours (NET), which
 enabled our trust to be one of the first European NET Centres of Excellence in the UK in Dec
 2015. I am the 1st author of guidance for the management of NET, published in a national
 gastroenterology journal.
- 3. Nationally, I have been elected Chairman of the Pancreatic section for the British Society of Gastroenterology (BSG). I have successfully organized a large (>100 delegates) national pancreatology meeting with international speakers. Funding enabled it to be free to attend by all. I co-authored European guidelines on Chronic Pancreatitis.
- 4. Since 2014, I have published 21 publications in peer reviewed journals and co-authored £295K in research funding. I am 1st or senior author on >50% of publications, which are incorporated into international guidelines. My H-score is 20. Despite being a full-time consultant, I am an active researcher and as recognition, I was awarded a personal chair (Professorship) of Gastroenterology (Sheffield 2019).

Name: PAULA RACHAEL JAMES

GMC/GDC Number: 3492811

Speciality: MEDICINE

2013-date. Competitively appointed as a cardiology assessor for the national confidential enquiry into maternal deaths (MBRRACE). In addition to monthly case reviews, I assessed all 2013-15 ischaemic & sudden cardiac deaths & co-wrote the chapter on cardiovascular deaths for the 2016 national report.

Innovation in patient care: 2013 setup & lead multidisciplinary infective endocarditis service, resulting in 62% reduction in mortality & 15% reduction in length of stay. Presented at Eur Assoc Cardiothorac Surg meeting 2017. Despite limited resources, I setup the adult congenital heart disease & regional pulmonary hypertension services. BSUH designated level 2 ACHD centre 2016.

As Co-chair of Sussex Heart Charity (2015-date), I led a structural review to reconfigure the charity's core objectives 2018 & led on a governance review 2016-17. Over £1.2 million support for the Trust & Sussex-wide community projects in past 4 years.

Deputy medical director (2017-date): Achieved 24% increase in completed appraisals (> 750 doctors), strategy presented at regional Responsible Officer meeting 2018. Devised a Trust training day for >50 consultants focusing on professionalism with mentor programme 2019. Given an 'astonishing' number 5/5 across all 7 domains, University leadership course 2018 & nominated for Trust's Outstanding Women in the NHS 2018.

Name: VIJAY JAYAGOPAL

GMC/GDC Number: 4664345

Speciality: MEDICINE

The highlights of my first national application are:

- I created a regional diabetes service, which has received national recognition as transformational whilst working a 1 in 3 rota. The 2018 audit showed reduction in over 2,000 hospital diabetes appointments/year, 25% increase in patient education and 300K annual saving.
- I received £228K/year from the competitive 2017 DoH Diabetes transformation fund and set up a pioneering new psycho-social regional service, to outreach vulnerable people with diabetes who do not or cannot access traditional provision. 12-month outcome data has demonstrated significant benefits in this group, including a 44% reduction in diabetes related admissions.
- I am the Clinical Dean for a major medical school, with primary responsibility for the clinical teaching of 375 medical students at 2 hospital sites, managing over 200 tutors and a budget of over 4million. The University QA visits in 2017 and 18 singled out my leadership impact & performance.
- Nationally, I am the Yorkshire Diabetes advisor to the RCP, National Committee member
 of the Diabetologist Association and an appointed Diabetes UK Clinical Champion. I
 have represented the RCP in Consultant appointments, written a national position
 statement on Biosimilar Insulin, participated in Consultant mentorship and organised
 regional diabetes conferences.

Name: RAJESH KHARBANDA

GMC/GDC Number: 3580499

Speciality: MEDICINE

I lead the Oxford **transcatheter aortic valve implant (TAVI) service,** (now the 4th largest UK centre), a key part of the structural cardiology service at Oxford. Case numbers have increased fourfold since 2014, with decreased resource use, due to the introduction of more efficient techniques and novel valves. Patient outcomes are excellent.

Coronary Intervention: I have contributed to the growth of local the service over 10 years. I championed increased radial access rates (10 to 90%), introduced coronary physiology to the Department and this has facilitated participation in clinical trials. I obtained £100K industry funding for an imaging system. I lead international education course on advanced coronary intervention, imaging and physiology, and am regularly invited as a live-case operator/speaker.

Research: I have over 60 peer review publications in the last 5 years (H-index 46) and was conferred the title of Associate Professor in 2014, in recognition of my research contribution. I have been the Oxford principal investigator (PI) for 5 clinical trials. I secured £1.7m funding for a randomised trial to improve outcomes from heart attacks.

Teaching: I am Chair for the Training and Education Group of the British Cardiac Intervention Society, and member of the training committee for the European Association of PCI.

Name: NAMITA KUMAR

GMC/GDC Number: 4024136

- I lead Postgraduate Medical Training in the North East and North Cumbria, which is ranked highest in the national GMC survey, as reported by doctors in training. Under my leadership this has improved year on year. Strengths are feedback, supervision and overall satisfaction and high-quality commended by the GMC regional review, 2018.
- I have implemented international educational projects in the North East. I have
 developed a leadership programme for doctors in training in Tanzania. We have
 developed full registration for Newcastle Medical graduates from the Malaysia
 campus, via the only alternative route. I am an assessor to the World Federation of
 Medical Education, inspecting accreditation agencies of Medical education worldwide.
- I lead many UK and English national Postgraduate medical training initiatives, including Careers support, Curriculum approval management of suicide, Training in smaller places, Foundation doctor's workforce review and study leave. These have significantly improved UK training quality.
- I have led local implementation of innovative approaches, including multi-professional and multi organisational faculties of Patient Safety, Clinical Informatics and Advanced Clinical Practice and Leadership, management and teaching opportunities locally for doctors in training.

Name: HELEN LACHMANN

GMC/GDC Number: 3585872

Speciality: MEDICINE

I am recognised as a world leader in amyloid & autoinflammation in both clinical practice and research.

1. Medicine Regulation

- Vice Chair MHRA Expert Advisory Group Biologicals, Vaccines & Trials 2009 -
- Data Safety Monitoring & Advisory Boards for: Ionis, GSK, Novartis, SOBI & Takeda 2015 –
- Expert advice to NICE in 2018 on novel treatment of amyloidosis & systemic autoinflammation

2. Amyloidosis

- President Royal Society of Medicine Section of Nephrology 2014- 2015
- Member Research Grants Committee Kidney Research 2015 –
- Council International Kidney & Monoclonal Gammopathy Research Group 2015 -
- Section Editor UpToDate 2017-
- · Editorial board Amyloid, 2010-

3. Autoinflammation

- Councillor (2013-) & President Elect (2017-) International Society Systemic Auto-Inflammatory Diseases
- Member European Academy Allergy & Clinical Immunology task force 2012-
- Member immunology GeCIP 2017-
- Member European Reference Network immunodeficiency, autoinflammatory & autoimmune diseases (ERN RITA) 2017-
- Established UK Autoinflammatory Diseases Network 2017

4. Research

- Clinical Director, UCL Division of Medicine 2018 -
- PI cytokine inhibitor studies leading to national treatment program
- Author 101 papers/last 5 yrs, Scopus H index 53
- 42 major invited talks/last 5 yrs
- Recipient EU grants
- MD/PhD students

Name: IAIN LAWRIE

GMC/GDC Number: 4424121

Speciality: MEDICINE

Since 2014, I:

Locally

co-led redesign, development & implementation of innovative, integrated 7-day palliative care support service across primary & secondary care, to improve patient & carer experience, anticipate problems & reduce admissions. Rated CQC 'outstanding' & awarded 2017 International Journal of Palliative Nursing Award: Best Integrated Care Team. I was central to clinical model design, governance & pathways.

Regionally

 sole responsibility for design, negotiation & introduction of documents, agreed with 4 CCGs / Coroners for District Nurse drug administration, electronic reporting of deaths to Coroners & statement of intent to be able to complete a death certificate for expected community deaths.

Nationally

- been actively involved with Executive Committees of Association for Palliative
 Medicine (Member 2011-17; Vice President 2017-19; President from March 2019;
 focus on improving governance, public & professional promotion of specialty,
 partnerships with other organisations & championing education) & British
 Psychosocial Oncology Society Board (2012-2018; delivered conference sessions;
 co-edited special edition of *Psycho-oncology*).
- actively worked on Ambitions for End of Life Care Steering & Partnership Groups to help national organisations to explore new ways of delivering better, more integrated care.

Name: PAUL LEHNER

GMC/GDC Number: 3081282

Speciality: MEDICINE

As an academic infectious diseases (ID) physician, I combine a clinical practice in ID with Wellcome Trust, MRC and pharmaceutical funded basic & translational research. I study persistent human viruses including HIV & herpes viruses and aim for viral eradication & cure.

I contribute to the successful ID Unit & as part of my translational programme discovered 'HUSH', a novel epigenetic complex that silences HIV.

My salary has been funded by Wellcome Trust (WT) Fellowships since 1998; I renewed the most prestigious 'WT Principal Research Fellowship'. I (i) chair WT Cambridge Institute Strategic Support Fund (ii) serve on MRC & UKRI Clinical Panels (iii) chaired WT Immunology Panel. I publish in the highest ranked journals (*Nature, Science*), give plenary talks and, since 2013, am main applicant on grant income (>£20million) from research councils. As UK winner of the international GSK DPAc competition (2015), I was the sole worldwide recipient of a full GSK DPAc award (2016) to develop a HUSH inhibitor to eradicate HIV.

I direct the Cambridge WT 4yr PhD Infection & Immunity Programme & Deputy Director of the WT PhD Clinicians Programme. I mentor the next generation of clinician scientists, & sponsor clinical fellows at all academic levels. Five of my past trainees hold joint academic clinical consultant appointments in Cambridge.

Name: MICHAEL LOEBINGER

GMC/GDC Number: 4641410

Speciality: MEDICINE

Research - Awarded Imperial Professor of Practice (Resp Med) (2018), Euro (ERS) award for Research (18). NIHR commendation for trials (17). 75 papers in 5yrs. Grants; co-applicant & Euro; 50m Euro grant (lead & Euro;14m work package) (15), co-applicant £1m NIHR (16), £875k MRC (14), \$240k COPD Found (16), primary applicant further 4 grants since 2011 (>£500k). 13 multicentre studies since 2013. Global chief investigator (CI) x2, UK CI x2, trial steering x7.

Service Level - Led national application for new adult primary ciliary dyskinesia service and design of service spec. (15-17); accepted by NHS England (17) with new investment from 19 to provide unrivalled care for these patients.

Management - Clin director lab med: led strategic discussions with NHSI, trust board, CEOs of other pathology providers to gain widespread acceptance of a lab consolidation plan that I developed, based on digitisation and specialist lab hub level. I also influence the national specialist lab strategy sitting on the NHSI committee.

Education - Supervisor 3PhDs (2 awarded 17/19), 1MSc, 1BSc, 2-4 St. Georges' students/yr (trust income £6k/student). Assess int + ext higher degrees, BScs. Educational and clin supervisor. ERS education task force designed first resp inf syllabus (17). Designed and run Imperial & St Georges speciality infection modules (17). Co-designed ERS patient web resource (17).

Name: MICHAEL LUNN

GMC/GDC Number: 4040387

- I developed and run a unique nationally utilised multidisciplinary clinical neuroimmunology and neuro-haematology service at UCLH/NHNN, part of which (POEMS) is being considered as a Nationally Prescribed Service. Previous bi-monthly clinics are now weekly to cover demand. The clinics support 4 research fellows generating published research.
- 2. As Clinical Lead of the Neuroimmunology Laboratory (NICL) I provide national neuroimmunology testing. NICL achieved (2016) and retained (2018) ISO15189 accreditation. Laboratory R&D for diagnostic tests ensures NHS provision of relevant assays to international standards. NICL supports clinical research in house and in collaboration with other UK and European centres. I have published 90 papers in 5 years.
- 3. I have led Cochrane Neuromuscular through 2 quinquennial grant rounds, supporting a team of 4 colleagues and more than 400 volunteer authors and reviewers in publication and update of 187 Cochrane Systematic Reviews. We demonstrate relevance and usage in 65 guidelines and healthcare funding in the UK, Europe and USA.
- 4. I serve on National and International Learned Committees and teaching panels with the BPNS, ABN, PNS and EAN to promote excellence in neurology worldwide. I advise NHSE and NICE in working groups, chairing the ABN Academic Advisory Group and Neuroimmunology CRG membership.

Name: NICOLA MACKIE

GMC/GDC Number: 4210289

Speciality: MEDICINE

1. Highly successful: sustained outputs that develop, manage & deliver exemplary services within Trust & nationally:

As Head of Speciality for HIV since 2012 (on-going), a CQC re-inspection rated our services as outstanding (11/2016); I led & delivered HIV Medicines Optimisation CQUIN (2016-18), exceeding targets with significant financial benefits; our KPIs are above average compared with rest of UK.

2. Significant collaboration within NWL sector & NHSE Specialised Services:

Since 2017, lead role for planned integration of HIV inpatient services with Chelsea & Westminster Foundation Trust (CWFT).

Co-Chair of the NHSE London HIV Clinical Forum (2018) & lead on London HIV Prescribing Guidance.

3. Major educational outputs:

Trust Educational Award (Educational Supervisor of Year, runner-up 2017).

Deputy Convenor (10/2017) & Chair of OSCE panel, UK DipHIV.

British Association of Sexual Health and HIV (BASHH): delivered HIV module on national HIV/STI course since 2008.

Invited Plenary Lecturer at numerous national HIV meetings.

Educational Faculty, European AIDS Clinical Society (EACS); teach annually on EACS Summer School.

4. Significant professional leadership in HIV/Sexual Health Nationally:

Member, BASHH HIV Special Interest Group.

Trustee, British HIV Association (BHIVA) & contribute to 4 sets of National Guidelines/Standards.

Name: TESS MCPHERSON

GMC/GDC Number: 4418575

Speciality: MEDICINE

I am passionate about using my position as a clinician to help vulnerable people with skin problems in the UK. Skin disease has a huge impact on health & life outcomes for young people, but their multidisciplinary needs are not generally well served.

Alongside a busy clinical job, I have developed new services, delivered research & high-quality teaching locally & nationally.

- I have established a unique dermatology transition service, offering psychological support. It has delivered life-changing outcomes & received outstanding patient feedback. BMJ Team of the Year finalist 2017 & winner of British Society of Paediatric Dermatology (BSPD) Patient Care Award 2018. The model is expanding nationally. Principal clinical investigator on NIHR grant-funded project, which developed award-winning web resource of young peoples' experience with skin problems.
- As dermatology clinical tutor, I have developed teaching, using patients as expert tutors with a vital role in delivering the course.
- I am deeply committed to sharing learning & best-practice. Organised a multispecialty conference including primary care, psychiatry & young people to develop & improve services 2017.
- I have peer endorsement. Elected committee member of BSPD with a focus on developing resources & national engagement, including chairing national guideline development.

Name: JOSEPH MILLS

GMC/GDC Number: 4152860

Speciality: MEDICINE

My most significant endeavours & achievements in recent years include the following:

- Election to the British Association for Cardiovascular Prevention & Rehabilitation (BACPR) council and subsequent role as BACPR president. A privileged position which has enabled me to advance the quality and profile of CVD rehabilitation, oversee the revision of the BACPR standards & core components for delivery of prevention/rehab and completely refocus my own practice as an interventional cardiologist.
- Appointment as UK CVD Prevention Co-Ordinator. A unique role which allows me to interact with colleagues across Europe, share ideas for CVD prevention and promote the core principles & models of care developed by BCS/BACPR.
- Creating, implementing and developing a truly integrated community cardiology service for the population of Knowsley, Merseyside. This nationally recognised, award-winning collaboration between Liverpool Heart & Chest and Knowsley CCG delivers all aspects of high-quality CVD care, including rehabilitation, close to the patient's home.
- Working with talented colleagues to implement transfemoral & transapical TAVI
 services in Liverpool and play a lead role in its evolution over the last 5 years to a
 minimally invasive, cath lab-based intervention delivering high volume activity with
 exceptional quality & outcomes.

Name: DAVID MOORE

GMC/GDC Number: 3317721

Speciality: MEDICINE

My current position entails three principal roles:

- (1) As one of the team of Consultants at the Hospital for Tropical Diseases (HTD, UCLH) weekly tropical medicine clinic, weekly TB clinic. National level excellence in management of patients with tropical diseases; special interests in MDR-TB & in Chagas disease in Latin American migrants. I deliver Spanish-language clinic services for diagnosis & management of Chagas disease and established a UK Chagas Hub and a public and patient involvement group to bring together cross-specialty interests, raise awareness in affected communities and amongst healthcare workers, to enhance access to diagnosis and treatment, and lead operational research.
- (2) Course Director for the Diploma in Tropical Medicine and Hygiene at London School of Hygiene and Tropical Medicine, the premier foundation course in tropical medicine for doctors globally –1/3 of the 100 postgraduate students each year are UK trainee doctors.
- (3) TB research group leader in Peru since 2002, and additionally in Uganda, Somalia, Mongolia, Uzbekistan, Bhutan, South Africa and UCLH Whittington TB clinic. Brought MODS, the novel, low-cost, non-commercial MDRTB diagnostic, from our research laboratory to WHO endorsement, and subsequently policy and practice with implementation across Peru.

Name: PAOLO MURARO

GMC/GDC Number: 6141059

Speciality: MEDICINE

Over last 5 years:

- Patient care improvement: I created a unique nationwide clinical service, selecting patients
 with the most aggressive and intractable forms of multiple sclerosis (MS), for innovative
 treatment with autologous haematopoietic stem cell transplantation (HSCT); treated >150
 patients with high efficacy outcomes (88% improved or stable at 3 years) and no excess side
 effects.
- 2. **Clinical trials:** I have obtained research grants as Principal Investigator worth £3.2M and enabling amongst other work, the first randomised trial of mesenchymal stem cells for MS in the UK (completed 2018) and the first randomised controlled trial of HSCT vs high efficacy immunotherapy, funded by NIHR and started in 2019.
- 3. **Research impact**: I lead internationally recognised research in MS. In last 5 years, I authored 73 publications including articles in prestigious scientific journals such as Journal of Clinical Investigation, Nature Reviews Neurology. My research work is highly influential: in the last 5 years my articles were cited 2,698 times and my h-index rose to 39.
- 4. Teaching: I am Deputy Head of Division of Brain Sciences for Education and Training since 2016 and I have driven expansion of student numbers and teaching quality at Imperial College, where I was promoted to Professor of Neurology, Neuroimmunology and Immunotherapy in 2017.

Name: FRANCIS MURGATROYD

GMC/GDC Number: 3096992

- As Clinical Lead, in the last 5 years I have built up the electrophysiology (EP)
 department at King's to a full-sized and comprehensive service with a cohesive ethic,
 high morale, and exceeding all national standards. We were one of the first centres in
 the UK with 24/7, consultant led, EP care. Our ventricular tachycardia ablation service
 is one of the largest in the UK, with audited efficacy and safety outcomes on a par
 with the best in the world.
- 2. As Clinical Lead for the National Audits of Cardiac Rhythm Device Management and Ablation: I have led a complete overhaul of the national datasets, overseen their adoption in all UK centres, and have introduced quality improvement, consultant level outcome reporting to the annual national audit reports.
- 3. As member of British Heart Rhythm Society Council: I have contributed to 2015-7 National Standards documents on devices and ablation, and other guidance documents. I have made official written and oral submissions to NICE on various five assessments; writing committees for British Cardiac Society guidance on handling outliers, consultant outlier document; and MHRA guidance on adoption of leadless pacemakers and related technologies.
- 4. My commitment to high quality teaching is recognized at student, hospital, deanery, and at national and international levels.

Name: MELANIE NEWPORT

GMC/GDC Number: 3181395

- I have led the growth of academic global health at BSMS/BSUH, which was acknowledged in 2016, when I became Head of a new Department of Global Health & Infection. I lead a thriving interdisciplinary research programme and I am/was an investigator on grants of £11.6 million, (£6.8 million as PI) in the last 5 years.
- I successfully bid as PI for an NIHR Global Health Research (GHR) Unit (£5.75 million). This award was underpinned by a Wellcome Strategic Award that created a Centre for GHR at BSMS in 2014, which I also direct. These initiatives have created opportunities for NHS trainee research projects and international OOPE.
- I lead the Global Antimicrobial Resistance (AMR) Network at Sussex University. This
 strengthens our flagship BSUH AMR programme. I have raised £250K so far to
 support it, including £62K from the DHSC Fleming Fund for a BSUH-led antimicrobial
 stewardship project.
- I chair the Brighton Lusaka Health Link (BLHL), a bilateral multidisciplinary training link between BSUH and University Teaching Hospital, Lusaka. Departments across BSUH benefit from the Link (e.g. improved staff morale, better deployment of limited resources). I represent Brighton on Lord Crisp's Zambia UK Healthforce Alliance. In 2018, BSUH was nominated for a National Antimicrobial Guardianship award for the BLHL Pharmacy work.

Name: NICHOLAS OLIVER

GMC/GDC Number: 4649724

Speciality: MEDICINE

- 1. Locally, I have led the development of a high-quality type 1 diabetes service. In the last 2 years, we have begun delivery of DAFNE structured education, performed the world's implanted glucose sensor insertion, and have benchmarked our performance against national data, demonstrating above average glucose control for our local population.
- 2. Regionally, in my role as chair of the NHS England London Type 1 diabetes network, I have led the development and implementation of commissioning of continuous glucose monitoring, flash glucose monitoring and insulin pump therapy for adults and children living with type 1 diabetes. This has ensured equitable access and shared standards of care across 32 Clinical Commissioning Groups and has been cited as a national exemplar.
- 3. Nationally, I have contributed to three best practice guides for delivery of insulin pump therapy and am co-leading a further document for continuous glucose monitoring. These documents support national delivery of standards of care for insulin pump therapy.
- 4. I led delivery, and am senior author, of the first head-to-head study of continuous and flash glucose monitoring. The data from this study have been cited in the 2019 American Diabetes Association Standards of Care, and in the European Health Technology Appraisal, influencing international guidelines.

Name: CARLO PALMIERI

GMC/GDC Number: 4105301

Speciality: MEDICINE

I'm a national leader in breast cancer, 2013 appointed Professor in competitive process and founded the Liverpool and Merseyside breast academic unit

- Years ago, there was no academic medical oncologist focused on breast cancer in Liverpool. Since starting, I've built a successful and innovative academic centre.
 I have developed a central hub accepting referrals from around the region, which has enabled breast cancer patients to access treatment options not available previously; with 6-fold increase in trial entry.
- Transformed genomics in the region as cancer lead for Genome Project. As
 chair of the trust breast group, overseen the introduction of an 'innovative and
 market leading' zometa service care quality commission report 2017.
- I've successfully delivered as chief investigator (CI) 2 clinical trials & 1 as Co-I. Further 6 funded as CI. >£4 million generated in grant income, 22 peer reviewed publications and successfully supervised 4 PhD and MRes students. Provide national leadership as chair of the NCRI advanced breast disease subgroup, putting in place a new national strategy.
- Helped define nationally undergraduate oncology teaching as member of the Joint Collegiate Council for Oncology national working group on non-surgical oncology curriculum. Lead editor of educational book 'ABC of Cancer Care', ISBN: 9780470674406.

Name: CHRISTOPHER PARKER

GMC/GDC Number: 3338867

Speciality: MEDICINE

- I am Chief Investigator of a 2,000 patient trial that tested prostate radiotherapy for men with metastatic prostate cancer, (Parker et al. Lancet 2018). Prostate radiotherapy improved overall survival, and, as a result of this trial, is now a standard treatment in this setting.
- I was one of three lead investigators in a 700-patient trial, evaluating MRI as a triage
 test in the prostate cancer diagnostic pathway, (Ahmed at al. Lancet 2017). We
 showed that MRI can safely reduce both the number of men needing a biopsy and
 overdiagnosis of harmless prostate cancer. It is now a standard NICE-approved
 diagnostic tool.
- I was Chair of the National Cancer Research Institute Prostate Clinical Studies Group (2015-17). During my tenure, the trial portfolio included several practice changing trials, such as those establishing the role of early docetaxel and abiraterone.
- I am a member of the NHS England Prostate Clinical Excellence Group (2018-) and lead the work stream on bone health that has produced new national guidelines.

Name: STEFFEN PETERSEN

GMC/GDC Number: 6049928

Speciality: MEDICINE

As UCLP Cardiovascular (CV) Programme Director, I oversee the research strategy reaching across 6m people. As Director of CV Research at Barts, I lead research benefiting from 80,000 patient episodes per year and supporting > 300 multidisciplinary health care workers. I lead UK Biobank imaging for 100,000 participants. My innovations using this £43m resource to develop artificial intelligence solutions for cardiac image analysis and quality control will lead to £billions of savings for healthcare worldwide. The software is used in over 22 countries. I have been awarded £62m to continue this work.

As Vice President of the European Association of CV Imaging, my expert guidance has changed international consensus to imaging in restrictive cardiomyopathies. I am involved in 5 annual clinical practice guidelines of the European Society of Cardiology. These set standards across the world in common CV conditions, improving patient outcomes.

Through local, national and international teaching, I contribute to improved imaging services around the world. My cardiac MR reference textbook and the cardiac MR exam preparation courses are two examples of educational innovations.

I am raising the profile of Barts Health as a world-leading centre, as well as driving innovation in techniques that develop staff and make care provision more cost-effective.

Name: COSTANTINO PITZALIS

GMC/GDC Number: 3220364

Speciality: MEDICINE

LEADERSHIP:

- 1) Chair NIHR MSK Translational Research Collaboration (TRC).
- 2) Director Arthritis Research UK Experimental Arthritis Treatment Centre QMUL/Barts.
- 3) Deputy Director of large William Harvey Research Institute QMUL/Barts.

RESEARCH:

- 1) Head Centre for Experimental Medicine & Rheumatology, personally developed from scratch, leading a Team of 60 Clinicians & Scientists, supported by >£20M personally raised grants (>£14M active).
- 2) Produced research of international standing: 243 publications H- Index 52.
- **3)** CI/PI of 12 national/international clinical trials funded (>£9M) by NIHR, MRC, ARUK, EU, Industry.
- **4)** Chair NIHR/TRC lead MSK strategy to enhance research within NHS linking national NIHR infrastructure: BRCs/CRFs/CRN.

EDUCATION:

- 1) Major contribution to under/postgraduate education to train the next generation of doctors;
- 2) Provide supervision/clinical/lab infrastructure to develop Academic Researchers: Supervised 23 (13 Clinical) PhDs (current 9), led 2 national PhD programs. Trained 12 Senior Academics.

SERVICE DEVELOPMENT/DELIVERY:

- 1) Developed from scratch and lead Barts Arthritis Centre (high quality care for >5,000 pt/year), underpinned by >£3.5M personally raised funds
- 2) Lead service improvement program to enhance care through research: digital remote monitoring, high therapy response rates & patient's satisfaction.

Name: STEPHEN RENSHAW

GMC/GDC Number: 4115607

Speciality: MEDICINE

- National Academic Leadership: Director of a former MRC Centre (The Bateson Centre), dedicated to delivering clinical impact from high-quality non-mammalian models of development and disease. Deputy Director of MRC antimicrobial resistance award (SHIELD, 2016) and co-applicant on a major Innovative Medicines Initiative in Drug-induced lung disease totalling EURO 24m.
- 2. **National Training Leadership:** Led the application, interview, award and delivery of a £5.5m MRC Doctoral Training Partnership on behalf of four Northern Universities. Leveraged additional funding from the 4 universities and the MRC to match this amount. This Partnership will contribute to training the next generation of medical scientists, instilling in them a deep understanding of translational medicine and NHS priorities.
- 3. **Local academic leadership:** Awarded the Sir Arthur Hall Chair of Medicine for research excellence. Secured grant funding totalling over £18m. Published 29 high-quality papers (2,864 citations) over last 5 years, including in Nature Microbiology, Science etc.
- 4. **Regional Clinical Excellence:** Developed a highly specialised clinic in complex and rare interstitial lung disease (ILD). I now see most patients with sarcoidosis in the region and advise on management across a range of specialities.

Name: ALISON RODGER

GMC/GDC Number: 3198162

Speciality: MEDICINE

Clinical lead infectious diseases (ID) at Royal Free, outstanding patient outcomes. Deputy director of UK's principal High Consequence Infectious Diseases (HCID) Unit for viral haemorrhagic fever. Co-led successful NHSE tender (2018) to manage airborne HCID (e.g. MERS) for London & the South.

I lead a unique programme developing public health (PH) evidence base and tackling inequalities in acute trusts: domestic violence screening, well-being interventions, tackling hospital obesogenic environment, opportunistic vaccination for children and developing health programmes for low-paid NHS staff.

Undertake high impact research for patient benefit, in recognition promoted to UCL professor (2018). Considered an international expert with impact on HIV transmission. PARTNER studies pivotal in promoting HIV testing/treatment and tackling stigma and discrimination. Cochaired national BHIVA PrEP guidelines (2018) & my NIHR programme grant demonstrated cost effectiveness of PrEP, driving UK and international policy.

Lead 4th year RF MBBS ID teaching, 100% positive feedback. Educational/clinical supervisor PH & ID. Deliver teaching on European Advanced HIV Course (2012-2018), section lead European online clinical management of HIV (2016-date). Developed programme (2015-date) for disadvantaged school pupils to gain medical school entry.

Name: ANETTE-ELEONORE SCHRAG

GMC/GDC Number: 4239457

Speciality: MEDICINE

RESEARCH

I am internationally recognised as an expert on Parkinson's disease (PD) and other movement disorders, and my research is cited widely (H-index 69), both in the academic and lay press, with wide collaborations within the NHS.

INFLUENCING CLINICAL PRACTICE

The focus of my research has been clinical research that benefits patients, influencing clinical practice in diagnosis and management of patients with movement disorders and clinical trial design. This has included being a contributor to international guidelines, serving as the first chair of the Movement Disorders Society Ratings Scales Committee and advising international standard setting bodies, such as the National Institute for Health and Care Excellence (NICE).

PATIENT AND PUBLIC INVOLVEMENT

I have worked extensively with patient organisations, nationally and internationally, to improve the lives of patients and the care they receive, including leadership in the UK Parkinson Excellence Network, presentations to the European Parliament and receiving a Silver Medal of the European Society for Person-centred Healthcare.

EDUCATION

I have contributed widely to education of trainees in neurology, including contributions to and convening teaching courses and lectures, tutoring academic junior doctors, and producing online teaching materials for medical trainees.

Name: RAJ SENGUPTA

GMC/GDC Number: 4214544

Speciality: MEDICINE

I lead a nationally recognised ankylosing spondylitis (AS) service seeing **1,200 patients** annually. Approximately **40 new tertiary AS outpatient referrals per year**. I am the clinical lead for the **internationally renowned 2-week rehabilitation course**, treating 200 patients generating over £500K annually. International attendees from USA, Hungary and South Africa.

I am the inaugural national ankylosing spondylitis society patient choice award winner for Best UK Rheumatologist and Excellence in AS Care Team award (2016), presented at the House of Commons – chosen from 172 rheumatology units UK. My **360-feedback analysis** - Colleague feedback 3.95/4 (national average 3.58/4) and patient feedback 3.98/4.

I have published **34 original publications** with **405 citations** and an **h-index 11**. Currently I am co supervisor for **5 PhD students**. I have been successful in grant applications **>£500K** in the last 5 years. Chief investigator/ site lead **-18 portfolio studies** (2013-).

I have been a pioneer in **digital innovation** within the rheumatology field - **developed websites** to help with diagnosis (SPADE Tool - over 3,000 hits worldwide), outcome measure (Talking AS - www.talkingas.com) - used by 40 centres around the UK) and **wearables platform** for AS patients to monitor condition (Project Nightingale - projectnightingale.org) – 270 current users.

Name: HARVINDER (REENA) SIDHU

GMC/GDC Number: 5202553

Speciality: MEDICINE

I am the lead for one of the largest small bowel endoscopy services in Europe. I am the first author on a Position Statement, endorsed by the British Society of Gastroenterology (BSG) and Royal College of Anaesthetists (RCoA), to standardise the use of propofol for complex endoscopy out of theatre in the UK.

I was awarded the Hopkins endoscopy prize, 2012, for my small bowel research; first female gastroenterologist to win. I have a clinical fellow undertaking a MD and have a successful study on capsule endoscopy/CE and coeliac disease approved by the HRA. In the last 5 years, I have had 42 publications, current H score 20. I have grants as PI & co-PI £409,075 and service grants of £112 950. I was conferred as an Honorary Professor by the University of Sheffield in Nov 2018.

I was appointed to the BSG endoscopy committee, BSG Web Editor for Education and Council member, 2018. The roles involve curating an entirely new web education platform for Gastroenterologists, UK.

I direct a national CE course with an international faculty and a biannual advanced CE course for nurses. I am leading a training document for enteroscopy in the UK. I am leading the European Society of Gastrointestinal Endoscopy (ESGE) Small Bowel Curricula group – devising a European wide curriculum and training pathway for CE and device assisted enteroscopy also.

Name: JACLYN SMITH

GMC/GDC Number: 3668283

Speciality: MEDICINE

- I established (2003) and lead the North West specialist cough service at Manchester University NHS Foundation Trust and thorough training of Specialist Trainees. I have seeded a further 3 cough services (Salford, Preston and Blackburn) and now lead the North West Cough Network (est. 2016).
- 2. I am currently (2018) a member of two cough management guideline committees (American College of Chest Physicians, European Respiratory Society) and published on chronic cough management in the New England Journal of Medicine (2017).
- 3. I am a Wellcome Investigator in Science (from 2017 £3.04M), investigating the role of ATP in patients with chronic cough and have published >100 peer-reviewed publications.
- 4. I am the Director of the NIHR Manchester Clinical Research Facility (since 2018) providing a platform of research staff and facilities to support clinicians and allied health professionals undertaking NHS research at four hospital sites in Greater Manchester, (Manchester Royal Infirmary, Royal Children's Hospital, Wythenshawe Hospital and The Christie).

Name: DHIRAJ TRIPATHI

GMC/GDC Number: 4146063

Speciality: MEDICINE

- 1. **Clinical Service/Management:** I developed the first multidisciplinary rare diseases clinic in England for patients with vascular liver diseases. In 2017, I was appointed Associate Medical Director for Medicines Management.
- 2. National Roles: In 2016 I was appointed by National Institute of Health and Care Excellence (NICE) as member of Interventional Procedures Advisory Committee. I have been directly involved with over 80 NICE guidelines. I am a member of the British Society of Gastroenterology (BSG) liver section (2017-2020). In 2018, I was appointed lead of British Association for the Study of the Liver (BASL) Special Interest Group on portal hypertension.
- 3. **Research:** I am lead applicant of a NIHR grant worth £2.3m (2018-2024), funding the CALIBRE trial, which started recruitment in January 2019. I am Chief Investigator of the largest ever clinical trial in liver cirrhosis. In 2017, I was promoted to Honorary Reader by the University of Birmingham.
- 4. **Education and training:** I contributed to consultation for "Shape of Training", which is a major change to postgraduate education/training to meet changing patient needs. As a trained mentor, I have supported 2 gastroenterology trainees since 2016. I am lead clinician for Medical Training Initiative (MTI) for my speciality and was appointed the first international trainee under this scheme.

Name: NICHOLAS TURNER

GMC/GDC Number: 4431864

Speciality: MEDICINE

I deliver the very highest quality of clinical care for my patients, supported by my clinical research which improves the care of NHS patients now, and in the future.

- I led development of the CDK4/6 inhibitor palbociclib, the most important new treatment for breast cancer in a decade, as chief investigator for the PALOMA3 study. Palbociclib was approved by EMA in November 2016 and recommended by NICE for NHS use in 2017. Approximately 6,000 NHS patients per year will benefit from palbociclib.
- 2. I have published paradigm-shifting research, using liquid biopsies for precision treatment of patients with breast cancer and established multiple clinical trials in the NHS. These trials aim to change how we deliver treatments for patients with cancer and ensure that treatment is given to those patients most likely to benefit.
- 3. I contribute to training through my role as the Institute of Cancer Research Clinical Training lead, supervising ten clinical fellows in my laboratory in the last five years, and lecturing extensively, nationally and internationally.
- 4. I am the joint lead of the Royal Marsden Chelsea breast MDT, theme lead for the Royal Marsden NIHR Biomedical Research Centre, and Breast lead for the Genomics England Clinical Interpretation Partnerships, demonstrating my commitment to NHS leadership locally and nationally.

Name: ARUTCHELVAM VIJAYARAMAN

GMC/GDC Number: 5195245

Speciality: MEDICINE

1. I always pursued the values of aiming for world class patient centred care in my multiple Regional and National roles.

I founded an innovative World Class Weight Management MDT Service, including bariatric surgery, bringing empathy to the doors of people with obesity. Developed and installed Obesity curriculum as new training in UK, as National Vice Chair for Diabetes training 2016.

2. Completed MSc, Health Care Leadership, NHS Academy 2016.

I am the National Lead for Curriculum Development, Equality and Diversity and MRCP Board Diabetes. Clinical Director for diabetes for 3 years, Training Programme Director for 6 years, Regional Quality Management Lead for 5-yrs, National Vice Chair for Diabetes Specialty Advisory Committee 4 years.

Founded and chair 2 regional clinical networks, Northern endocrine network and Northern Bariatric network.

3. Chief investigator for 1 multinational study, principal investigator for 7 and sub investigator for 3.

GIM tutor for the trust for 6 years, UG lead for long term conditions and endocrinology for 3 years. Proven track record with multiple green outliers for consecutive years in GMC survey.

 My innovative clinical achievements above my job plan include Advanced Technology Clinic for Type1 Diabetes and Diabetes remission clinic for type2 and community lipid genetics service.

Name: NIGEL WHEELDON

GMC/GDC Number: 3120732

Speciality: MEDICINE

In the 5 years since my previous award:

1. Awarded Honorary Professor of Inherited Cardiac Conditions, University of Sheffield

Given for 20 years of dedication to Education, Training, Research and NHS Services for Inherited Cardiac Conditions (ICC).

As an NHS Consultant, this is a great honour given to only a small number of outstanding NHS Consultants with International reputation.

2. Outstanding Clinical Leadership

Clinical Lead for Cardiology (2014-2019). Clinical Governance Lead and Clinical Audit Lead (2014-2018). Lead Consultant for the Regional ICC Service from 1999. Co-Lead for University Cardiovascular Pharmacology course from 2015. NHS England Clinical Reference Group member from 2014 - leading development of the NHS ICC Service Specification.

3. President and Past President - UK Association for Inherited Cardiac Conditions (AICC)

I personally founded the AICC, now *the* UK National ICC Professional body. Since my last award I served as President, Past President and External Advisor to NHS Scotland ICC services.

4. Awarded BHF Grants for development of NHS ICC Outreach services

Sole grant holder - £285,513 which I have used to successfully set up ICC Outreach Services.

Much of this work has been done unpaid and in personal time. This work has continued more than ever through the last 5 years since my previous award.

Name: GRAHAM WOODROW

GMC/GDC Number: 3139570

Speciality: MEDICINE

- 1) I have a busy clinical workload (contract 12 PA; work diary 64hr/week). UK Renal Registry and local audit show good clinical results compared to UK units and national/international guidelines. I lead Leeds peritoneal dialysis (PD) service, with active audit, innovation and quality improvement. I co-lead the Leeds diabetic nephropathy service, including recently established MDT meetings.
- 2) I am member of the UK Renal Association Clinical Practice Guidelines Committee and Peritoneal Dialysis International Journal Editorial Board. I am lead author of UK Renal Association 2010 and 2017 PD clinical guidelines. I review 10-20 peer-review journal manuscripts/yr.
- 3) I am Head of Year 5 and Academic Sub Dean for University of Leeds MBChB course and Associate Director for Medical Education Programmes. I lead the management of Year 5 course and assessments. I am external examiner to Manchester and Nottingham Medical Schools. I was appointed Honorary Clinical Associate Professor 2017.
- 4) Research includes collaborative studies of body composition and nutrition in kidney disease as member of UK PD Clinical Study group and as Principal Investigator for Leeds PD Unit (currently 5 NIHR portfolio studies). I am clinical expert to NICE body composition monitor diagnostic assessment group 2016/17 - with final guidance due to be published 2017.

Name: ANNA CAROLINE WROE

GMC/GDC Number: 4401045

Speciality: MEDICINE

SERVICE DELIVERY

I am **Clinical Lead** for Living kidney donation (LKD) in Teesside. I have developed innovative patient-focused pathways, resulting in a **50% increase** in LKD rates, and double the national pre-emptive LKD transplant rate (7.8 vs 3.8%). Through regional leadership, I have networked and supported the North East to become the **highest performing region in England** for LKD and a national exemplar of good practice.

NATIONAL CLINICAL LEADERSHIP

I am an active member of the **UK strategic implementation group for LKD** (2015-) and **Chair of the UK Living Kidney Donation network** (2017-). I represent the UK LKD community, chair and speak at national specialty meetings and teaching events and contribute to the delivery of national strategy.

RESEARCH & INNOVATION LEADERSHIP

Through my leadership, South Tees Trust has expanded commercial research activity by 20% placing the **Trust in the top 30** in the UK. I have collaborated with Teesside University, bringing **>£5M grant** funding into Teesside and became Associate Professor Teesside University in 2018.

EDUCATION & TRAINING

I have **developed and delivered** national teaching tools for LKD (2017-19). I am a Royal College **mentor**, **regional lecturer** and have **co-authored** the UK guidelines on assessment of kidney function in potential LKD (2018).

Name: LUCY CHAPPELL

GMC/GDC Number: 3680447

Speciality: OBS AND GYNAECOLOGY

Since 2015, I have:

- initiated and led an innovative multidisciplinary NHS service for women with chronic hypertension in pregnancy, underpinned by a Quality Improvement Project recognised as NICE Shared Learning Award finalist (2017), reducing adverse pregnancy outcomes and inpatient admissions.
- secured >£25 million funding (18 projects), including leading (as Chief Investigator) 5
 UK pregnancy studies (£4.1 million funding), across 60 NHS maternity units, directly linked to NHS clinical practice:
 - a) developing a new diagnostic test in suspected pre-eclampsia, now recommended in NICE Diagnostic Guideline (2016); in preterm pre-eclampsia.
 - b) trialling timing of delivery.
 - c) assessing prognosis of adverse outcomes.
 - d) evaluating long term cardiac dysfunction; and
 - e) trialling ursodeoxycholic acid in pregnancy cholestasis.
- been awarded an NIHR Research Professorship, evaluating NHS-relevant research questions on reducing adverse outcomes and building capacity in pregnancy research.
- provided visible, highly-rated leadership, locally to clinical and 20 academic trainees, nationally in roles such as chairing Department of Health expert group on Group B Streptococcal disease (2016-17), topic lead for NICE guidelines (2018-19), President of RCOG Research Society.

Name: THOMAS IND

GMC/GDC Number: 3459841

Speciality: OBS AND GYNAECOLOGY

- I am Head of Department and have minimised breeches and maximised theatre utilisation. I have done job planning and been Surgical Audit Lead and improved attendance, diversified content, and created a standardised structure & digital memory.
- 2) I am a divisional Medical Director at RMH. We have improved pathways & streamlined administration. We are opening a new clinic in West London and I have represented the Trust at many meetings. I have led a team that have won 5 Laing Buisson awards, including the 'Best Hospital', for 2 consecutive years.
- 3) I am a national leader in robotics. I am president of Brit Irish Assoc Robot Gynae Surg (BIARGS) & recent treasurer of Brit Soc Gynae Endosc. I am secretary & treasurer of Soc Eur Robot Gynae Surg (SERGS) and the next president elect, as well as being Treasurer of Brit Gynae Cancer Soc. I have lectured at numerous courses. I have been a speaker at international conferences in three continents. I was on the organising committee for 6 conferences. I have developed a 'Training the Trainers' course for BIARGS & SERGS.
- 4) I have had 21 publications in the last 5 years & have recently co-edited a textbook (Robotic Gynaecological Surgery) with another being prepared, (Fertility Sparing Surgery for Cervical Cancer). My Google Scholar scores are in the 99th centile.

Name: ASHA KASLIWAL

GMC/GDC Number: 4585835

Speciality: OBS AND GYNAECOLOGY

National Leadership: President of the Faculty of Sexual and Reproductive Healthcare (FSRH) from 2016, re-elected in 2019. Influenced national policy working with Department of Health, All Party Parliamentary Group (APPG) on SRH and gave evidence to Health Select Committee inquiry; raised our visibility in media and brought FSRH governance structure in line with charity standards. I was recognised in the 'women in medicine' exhibition, 2017 in London.

Clinical Leadership: Lead for a tertiary, large contraceptive service. Negotiated and established innovative integrated contraception, community gynaecology & sexual health care across Manchester. With colleagues, I secured £10 million for NHS services in Greater Manchester for 150,000 attendances.

Training: In 2017, I worked to publish personal belief guidance for trainees, which is recognised nationally by Academy of Medical Royal Colleges (AoMRC) and helping other Colleges develop similar guidance. This ensures a patient is never disadvantaged by personal views of health professionals. In 2019, I launched the only international contraception training.

Quality Improvement: Specialist member developing NICE Quality Standards: Contraception 2016 & Sexual Health 2018. In 2019, National Standards for on-line and remote providers of SRH and invited author for NICE Impact document.

Name: JOANNE MORRISON

GMC/GDC Number: 4210090

Speciality: OBS AND GYNAECOLOGY

Colposcopy Lead (2010-19)

"Excellent" Cervical Screening Quality Assurance external peer review 2017

Consistently one of the best scoring outpatients in Trust 'Friends & family test'

Gynae Oncology care

I scored 97-98% in all categories for patient feedback (2016), on 360-degree review. 97.85% of our patients referred via Cancer Wait Time (CWT) pathway seen <14 days (2017). 100% of patients thought overall administration of care was very good/good - 2016 National Cancer Patient Experience Survey for Gynae Oncology.

I introduced enhanced recovery - reduced length of stay from 6-3 days for laparotomy. I introduced sentinel lymph node sampling for vulval cancer & co-introduced laparoscopic surgery for endometrial & cervical cancer.

British Gynaecological Cancer Society (BGCS) guidelines

Author of ovarian cancer & named reviewer of endometrial cancer guidelines (2017).

Co-ordinating Editor for Cochrane Gynaecological Cancer Review Group (2011-)

National Institute for Health Research (NIHR) funding allocation increased in 2015 (£90,000 to £162,000 pa), reflecting excellent performance (number, quality & impact of reviews). Impact factor increased from 3.1 to 6.054 (2012-17).

Edited 94 reviews & 39 published protocols (2013-18).

Reviews influenced 85 national guidelines.

[&]quot;Impressive leadership & team engagement"

[&]quot;Exemplary culture of audit"

Name: KYPROS NICOLAIDES

GMC/GDC Number: 2460721

Speciality: OBS AND GYNAECOLOGY

I am the Director of the leading academic Fetal Medicine unit in the world; this claim is based on the number of patients seen, the number of publications from research in the department, innovative treatment and diagnosis and the number of doctors trained.

Since the beginning of my career, I have been involved in fetal medicine research & I continue to be highly research active. In recent years, I have received National & European grants to undertake a number of important studies. I publish very regularly, with 303 peer-reviewed publications since 2014.

I believe passionately that in order to benefit the most women, fetal medicine research findings must be disseminated widely by high quality education. In keeping with this belief, I have developed internet based modular courses in many aspects of fetal medicine available for doctors and patients free of charge; these have improved the quality of education globally & are now available in 20 languages. I organise an annual world congress in fetal medicine, that is attended by over 2,000 doctors.

A significant achievement for me & for King's was the opening of the Fetal Medicine Research Institute, which benefits pregnant women cared for at King's & staff who work there, by providing of a state of art facility where the highest quality clinical care and research can be undertaken.

Name: JANE STEWART

GMC/GDC Number: 3284250

Speciality: OBS AND GYNAECOLOGY

Service: Head of NFC (2013), managing 48 strong multidisciplinary team; budget £2.8m, consistently delivering profit to Trust. I lead a flexible service responding to new innovation, waiting times, patient needs. Performance improvement through QMS demonstrated by clinical results and HFEA inspection (rated 5/5).

Development: Led a number of service developments; Andrology (2012), PGD (2013), fertility preservation (2015) and mitochondrial donation clinical service (2018), keeping NFC at forefront of regional, national and now international providers.

Leadership and training: Chair British Fertility Society (BFS) - elected 2018. Exec member since 2009; Training Committee Chair (2 yrs), Hon Secretary (5 yrs). Developed a credible profile as national expert and opinion leader. Involved in government, regulator, patient and public engagement. Maintain a local training role ensuring strong multidisciplinary and primary care links. Invited external examiner Bristol Uni MSc.

Research: Clinical Sub-Editor Human Fertility (2010 - date). Co-applicant on 2 significant grants (total £1.5m+), have led (local PI) on 2 NIHR multi centre drug trials. Successfully supervised postgraduate degrees.

Personal: 360 feedback from colleagues and patients (2018) excellent.

These activities are above and beyond fully committed 12 PA clinical job plan.

Name: SHAKILA THANGARATINAM

GMC/GDC Number: 5207639

Speciality: OBS AND GYNAECOLOGY

LOCAL (Barts Health Trust)

As R and D Director for Women, I obtained grants to joint-lead the £2 million Barts Research Centre (BARC); developed research at £6.8 million Centre for maternity services at Whipps Cross Hospital. I promoted music in healthcare by installing a Grand Piano that is widely used by patients and staff at Royal London Hospital.

REGIONAL (East London)

I lead the **Katherine Twining (KT) Research Network,** (7 Trusts) that recruited over 30,000 women into studies (last 5 years). I established '**Katie's Team'**, a dedicated Patient and Public Involvement Group for research in Women. I helped **East London community groups,** (Maternity Mates, Food Academy), obtain funding (Big Lottery, Barts Charity) to support pregnant women.

NATIONAL

I led the Royal College for Obstetricians and Gynaecologists (**RCOG**) **guideline** on Epilepsy in pregnancy; informed the **national valproate review.** I am a member of NIHR RfPB (London), WellBeing of Women **research Boards**; RCOG **Academic Board**.

GLOBAL

I lead multi-country collaborations to predicting pregnancy complications (21 countries) and on lifestyle changes in pregnancy (16 countries); accrued £10 million research funding; published as first/ last author in Lancet (3), BMJ (2), Lancet Glob Health (1); obtained World Health Organization (WHO) Collaborating Centre status for unit.

Name: IRA MADAN

GMC/GDC Number: 3088753

Speciality: OCCUPATIONAL MEDICINE

I led the successful retender of the contract to provide occupational health (OH) services from my Trust to the Houses of Parliament for 5 years, despite stiff competition. I continue to develop the service in line with best evidence. My success has been reflected in a personal letter from the Prime Minister thanking me and congratulating me on my leadership. My professionalism was recognised in the report on the independent inquiry on bullying and harassment in Parliament.

I have secured over £2 million of research funding for studies, which will develop and evaluate interventions to improve the OH care of NHS staff. One of these studies is the first national OH trial in the UK and the results have made an important contribution to prevention of hand dermatitis in nurses.

I continue to teach multidisciplinary staff at both undergraduate and postgraduate level, with an emphasis on developing teaching programmes, which are backed up by free on-line resources.

Although I work part-time, I make an important contribution to the work of the national committees of which I am member, including reviewing epidemiological evidence and writing papers for the Industrial Injuries Advisory Council and chairing a National Institute of Health Research committee, which identifies and prioritises research needs for the NHS.

Name: SUSAN DOWNES

GMC/GDC Number: 3134609

Speciality: OPHTHALMOLOGY

I was awarded an OUH NHS gold award for outstanding achievement in the annual staff recognition awards in 2014, regarding my work in inherited retinal degeneration (IRD).

I was approached by RETINA UK to set up the Oxford Centre of Research into Inherited Retinal Degeneration in 2018; this has been agreed by the charity and approved by the chief executive of OUH. A minimum of £250,000 has been pledged per annum of hypothecated funding to support research into IRDs. I have led this service in Oxford since 2000.

I am lead for the Age Related Macular Disease service in Oxford and successfully implemented a programme (SOPs/training/accreditation) leading to delivery by allied health professionals of a significant part of approximately 6,000 intravitreal injections per year and 6,000 appointments, resulting in reduction in waiting times in the department and enabling timely treatment.

I am the clinical Lead of ERGO (Eye Research Group Oxford Eye Hospital), which I set up in 2007, starting with 2 members. Since then working closely with the nurse practice manager I have established a 15 strong research group creating a framework to support all the clinical research in the Oxford Eye Hospital (commercial, grant, investigator led, with support for GCP, IRAS submissions, trainee, and foundation doctors start up projects).

Name: RICHARD GALE

GMC/GDC Number: 4427409

Speciality: OPHTHALMOLOGY

- 1. Developed and delivered an NHS England nominated regional specialist uveitis centre, with audited standard of care exceeding international standards. Excellent patient feedback. Training regional and international fellows.
- Establishing an ophthalmic research centre with National reputation. Over £2m of
 personal research grants, researching AMD, one of the commonest blinding
 conditions in the UK. Completing a PhD and subsequently supervising PhD and MD
 students. Over 1,000 patients recruited into clinical studies. Over 50 peer review
 publications. Awarded Honorary Professorship by the University of York.
- 3. Reorganising of the delivery of care in the ophthalmology directorate, with emphasis on the pillars of governance. Development of a clinical risk stratification tool which has regional (STP) and National interest (GIRFT, Elective care transformation). Introduction of virtual clinics saving £1/4m and reducing risk.
- 4. Charing of the Medical Ophthalmology (MO) Specialist Advisory committee, (highest MO training position in the UK), for 6 years. Introducing National recruitment. Writing a new curriculum, aligning the ophthalmology / Medical ophthalmology curriculum with GMC approval, as a prelude to SHAPE of Training review. Introducing new training programmes in Cambridge, London and West Midlands. National ARCP chair.

Name: STEPHEN TALKS

GMC/GDC Number: 3285275

Speciality: OPHTHALMOLOGY

I am medical retina lead - one of the busiest services in our Trust, with over 21,000 visits per annum. I have managed a 63% increase in 5 years. Since 2015 my clinical innovations are:

- 1. Delivery of 35% of 15,700 annual injections into the eye "closer to home", with increased access and appointment efficiency;
- 2. Virtual ophthalmology clinics for elective retina patients, with reduced waits from 4 to 1 month. Importantly, our published data confirm ~100 patients have urgent sight saving intervention annually, as a direct result.

Research and development to improve the efficiency and quality of patient care are key priorities for me. I focus my research on "real-world" outcomes, evaluation of new treatments, and the methodology and delivery of retinal imaging. I have participated in 15 trials in the last 5 years, with 22 publications.

I regard teaching as vital parts of modern NHS practice. In addition to my personal multidisciplinary teaching load, I co-organise and deliver in both major UK annual national ophthalmology meetings.

During my 6 years on the RC Ophth Scientific Committee, I have been involved in organising the RC Ophth Congress and regional meetings. In recognition of my postgraduate education excellence, I was proud to be elected Master of the Oxford Congress for 2020.

Name: KATE ARMON

GMC/GDC Number: 3407318

Speciality: PAEDIATRICS

Five years ago, there was no commissioned specialist paediatric rheumatology service in the East of England. Working with commissioners, young people, parents and my trust, I have developed and implemented a networked specialist regional service, training the multidisciplinary team to provide expert clinical care to children with arthritis as close to home as possible. The number of children identified and treated within region has increased by 250%, potentially impacting rate of joint and eye damage.

As Brit Soc for Paed Adol Rheum (BSPAR) representative to NICE, I led on improving access to medication, transforming outcomes in Juvenile Arthritis through the Technology Appraisal of Biologics for treatment of JIA (2015) and the Interim Clinical Commissioning Policy Statement (NHSE 2015). I also supported the development of tools to measure outcome and benchmark services.

As Principle Investigator in Cambridge and Norwich, I've recruited to time and target on 11 studies totalling over 375 recruits in the last 5 years, including 3 medicinal trials. I am recognised for my own research interest in avoiding overmedicalisation of children with flexible joints and pain. In national research roles, I developed a research strategy with the Paed Rheum CSG and ensured integration of research in the curriculum for higher specialist training.

Name: SARAH BATES

GMC/GDC Number: 6045365

Speciality: PAEDIATRICS

- * QI I developed an MDT project to deliver evidence based perinatal care to preterm infants at GWH. Within 18 months, (with no extra funding), this delivered statistically significant improvements in most areas, (exceeding national averages), with improvements in survival & morbidity for preterm babies. I was awarded the 'Innovation in Practice' Staff Excellence Award 2017, shortlisted for 'Saving 500 Lives Outstanding Contribution to Safety & Quality' Excellence Award 2018 and achieved national recognition with awards at 3 UK conferences in 2017/2018.
- * NLS In 2015, I set up the RCUK New Born Life Support Course at GWH. Externally sponsored & assessed, I became NLS course director in 2017. We deliver, (with outstanding feedback), 4 courses a year, with candidates & faculty from all over the UK.
- * BAPM In 2017, I was elected nationally to BAPM Executive Committee UK, representing all Level 2/3 neonatal units. I also work on the new BAPM Quality Collaborative for the UK & am helping develop the new UK framework for Extreme Prematurity/Threshold of Viability.
- * Family Care Team Lead bringing together SCBU parent volunteers & a team of nurses/doctors to implement national Family Centred Care frameworks on SCBU. Launched Dec 2017; within 12 months we achieved UNICEF WHO BFI accreditation.

Name: NICHOLAS CROFT

GMC/GDC Number: 3168178

Speciality: PAEDIATRICS

I am a specialist paediatric gastroenterologist working in a large tertiary unit.

As the President of BSPGHAN (2017-2019) in addition to other initiatives I led the production of the first UK Quality Standards for Paediatric Gastroenterology, Hepatology and Nutrition (2017). These are being used to ensure high standard of specialist care throughout the NHS.

I lead a work package of a Horizon 2020 (EU) funded study Paediatric Inflammatory Bowel Disease (PIBD) Safety Efficacy and Treatment Quality (2016-2020), total project 6,000,000 Euro. I have opened 10 UK NHS sites recruiting 100+ patients per year and have established a network of >120 collaborators, (including covering at least 60% of the UK population), in a study of complications of PIBD.

I established and direct the Children's Clinical Research Facility, (6 research nurses, 2 data managers, clinical fellow), all through external funding. There are >40 NIHR portfolio studies, with 600+ patients recruited per year across all sub-specialities.

I established the only distance learning Masters in Gastroenterology, recruiting 10-15 medical trainees, consultants and AHPs per year.

The extent and quality of my teaching and research has been reflected in the award of Senior Fellow of the Higher Education Academy (2016), and Professor of Clinical Paediatric Gastroenterology (2016).

Name: JAMES CROSSLEY

GMC/GDC Number: 4102456

Speciality: PAEDIATRICS

TRUST

As **Learning Placements Lead**, grown tariff income from £450K to £2.18M in 2018 with commissions of £4.63M agreed by 2022.

As **Learning Workforce Lead**, designed & led trust Advanced Practitioner programme, started placing student Physician Associates, built schemes to recruit and retain NCCGs and Fellows.

As **Learning Culture Lead**, built Human Factors into Trust QI systems & incident-based learning into new Learning platform; Started Patient Partners group.

I have started each initiative, funded it from education tariff income, then handed it to members of the team I am building.

REGION

As **E Midlands CF Network Paed**, led Chesterfield branch until 2017; Best regional clinical outcomes; Implemented improvements (isolation clinics, exercise testing, patient experts); Informed error & learning approach.

NATIONAL

As **Education/Improvement Academic**, advised Royal Colleges (outside job plan). Most recently:

- Re-design of the RCEM Assessment Strategy (2015)
- Design and analysis of Endoscopy JAG procedural quality measurement instruments

INTERNATIONAL

My research is amongst the most cited in the field (Education, Scientific Disciplines) and has informed healthcare assessment strategies around the world; Recently advised healthcare regulators in Canada, the USA and Australasia; Regular international keynote invitations.

Name: PETER DAVIS

GMC/GDC Number: 3590661

Speciality: PAEDIATRICS

Since 2015, I have developed our tertiary centre clinical response to the deteriorating child, to provide a comprehensive system of checks through a Paediatric Early Warning System and new observation charts, which have subsequently been introduced across the South West. Since 2018, I have worked with the RCPCH and NHS England on a new group, developing a national PEWS.

In 2017, I was the UK Chief Investigator for an international multi-centre study of platelet transfusion in children on PICU. In 2018, this led to me being the UK expert on an international Delphi process that produced definitions of bleeding descriptions in PICU.

Since 2005, I have led the South West Audit of Critically III Children. This audit is unique in the UK and has provided information used nationally. It led to me being on the working group and an author of the RCPCH/PICS document "Time to Move On", published in 2014, which made national proposals for the development of paediatric critical care beyond PICU.

Since 2011, I have been the Chair of the Paediatric Intensive Care Audit Network (PICANet) Clinical Advisory Group, covering the UK and Ireland. I reinvigorated the group and developed its role in reviewing data requests and helping to link to research projects in PICU across the UK and beyond.

Name: DAVID EVANS

GMC/GDC Number: 3322297

Speciality: PAEDIATRICS

I work in a busy clinical service, with a very high proportion of patient care delivered acutely by consultants. We pride ourselves in our excellent clinical outcomes (low mortality, compared with UK and international standards) and extremely high levels of trainee satisfaction (GMC trainee survey, 2012-18).

During the last two years, I have led the team at the Royal College of Paediatrics & Child Health, (RCPCH) during its major revision of the postgraduate paediatric training curriculum. The new RCPCH Progress curriculum was the first to be approved under the new GMC standards in Nov 2017. This represented a major success for the RCPCH; other colleges have subsequently looked to us for curriculum guidance and trainee enthusiasm about their new curriculum has been fantastic.

As RCPCH Vice-President (Training & Assessment), I have a major role in determining policy for UK paediatric postgraduate training. I have led the RCPCH's response to the challenges set by the Shape of Training review and proposed a new flexible training pathway, more responsive to service and workforce needs, approved by Council in Oct 2017.

I have promoted greater involvement of children in the design of our curriculum learning outcomes and in the creation of patient narrative-led assessment scenarios.

Name: HAZEL EVANS

GMC/GDC Number: 4023104

Speciality: PAEDIATRICS

As a full-time NHS clinician, I manage all aspects of respiratory disease 24/7. I lead regional sleep and long-term ventilation (LTV) services. Multisource feedback is excellent.

- Sleep and LTV services: I developed (2009-) are nationally recognised. I have
 introduced innovations that provide: holistic care (multi-professional outreach clinics,
 annual reviews), enhanced communication (hybrid roles), NHS savings without
 compromising care (optimising LTV needs over single rather than multiple nights). I
 review cases for LTV National Confidential Enquiry on Paediatric Outcome and Death
 (2018-).
- The 1st UK home service for complex sleep studies I set up (2016), is being adopted widely. I designed and deliver annually (2016-), the 1st national oximetry course to improve understanding of this investigation.
- I represent Royal College of Paediatrics and Child Health (RCPCH) at consultant appointments, providing external oversight (2017-). On respiratory RCPCH specialist advisory committee (2015-), I recruit, assess and guide trainees. I wrote scenarios for the final assessment of trainees' readiness for consultant practice (2016/7) and GMC curriculum (2017).
- I have authored 14 papers and 1 book chapter (2014-). As co-chair of the British
 Thoracic Society guideline on sleep diagnostics (2018-), I am identifying key questions
 to guide practice.

Name: JOSEPH FAWKE

GMC/GDC Number: 4197052

Speciality: PAEDIATRICS

1. Resuscitation Council UK (RCUK) lead for New born Resuscitation for the UK:

- Chair, RCUK New born Life Support (NLS), appointed 2018
- Chair, Advanced Resuscitation of the Newborn Infant (ARNI) committee, (appointed 2016) & co-editor ARNI course manual (2014/15/19)
- European Resuscitation Council National Course Directors group member, (appointed 2018)

2. NICE Guideline work

- Chair, Neonatal Parenteral Nutrition Committee, (Current)
- Developmental Follow up of Preterm Infants committee member, (Published Aug 2017)
- Quality standards advisory specialist committee member, (Published May 2018)

3. Paediatric Training Programme Director (TPD)

- Coordinate ST 4-8 placements, (vacancy rates from 24 to 9%)
- Coordinate subspecialty training, (50% recruitment) & Special Interest training
- Chair ARCP panels
- Enhanced supervision for trainees in difficulty
- Deputise for Head of School at RCPCH

4. Research

- Leicester Neonatal Clinical research lead, research team have participated in 16 trials since my last CEA award
- Principle investigator (PI) for 3 trials
- Gained funding for research nurses in 2015/16/17/18/19
- Honorary Senior Lecturer for research work, (2016)
- University of Leicester MRes examiner
- 6 publications, 6 invited talks /workshops, peer reviewed 5 papers & 4 NIHR Health Technology Assessment grants

Name: ANDREW GENNERY

GMC/GDC Number: 3357592

Speciality: PAEDIATRICS

Cohesive member of 3 paediatric multi-disciplinary teams, (immunology, stem cell transplantation, cardiac transplantation)

Develop and deliver evidence-based service of excellence. I lead an internationally recognised Extracorporeal Photopheresis service. I have national and international roles as chair of the Information Committee for SCID New born Screening, the Clinical Working Party of European Society of Immunodeficiencies and Guidelines Working Party of RITA-European Reference Network.

I am the Human Tissue Authority designated individual for therapeutic tissue banks and added many new clinical services and trials, creating the second largest UK license. I have effected common SOP and document control systems, facilitating application of new cell therapies including CAR-T cells and other clinical activities. I accommodate and integrate new activity into our quality management system, ensuring operation to the highest standards, but innovate development of new therapies across disciplines.

As deputy Clinical Dean, I run the Academy of Medical Sciences INSPIRE programme for Newcastle students, which interleaves my roles of Academic Foundation Programme Director, and RCPCH regional academic advisor, to develop and advise trainees to engage in research, ensuring that academic medicine is evidence-based.

Name: PAUL HEATH

GMC/GDC Number: 3531873

Speciality: PAEDIATRICS

I am the NIHR CRN Speciality Lead for Children's Research for South London (SL) and work to ensure that children in SL have equitable access to well conducted clinical trials: > 5,000 children in SL have participated in research over the last 5 years.

I have a personal chair as Professor of Paediatric Infectious Diseases (PID), in recognition of my research in perinatal infection and vaccinology. Over the last 5 years, I have published 84 original and 20 review papers and have obtained >£5 million in grants. My research is clinical practice-based, designed to directly influence national & NHS policies.

I am the Chair of the UK Paediatric Vaccine Group and coordinate vaccine studies that influence national policies, I lead a national initiative to develop guidelines for vaccinating atrisk children and I coordinate a national neonatal infection surveillance network.

My expertise is recognised through regional appointments (Chair, St George's Ethics Committee; Chair, St George's Immunoglobulin Panel); national guideline committees (RCOG GBS prevention, NICE early onset antibiotics, NICE meningitis, Department of Health (DOH) JCVI pneumococcal and varicella committees; and internationally (Chair of the Research Committee of the European Society of PID, Associate Editor of the Paediatric Infectious Diseases Journal).

Name: COLIN MORGAN

GMC/GDC Number: 3342480

Speciality: PAEDIATRICS

As principle investigator for the SCAMP nutrition study, I have completed 4 patient safety related publications and follow-up data, confirming improved head growth translates into improved cognitive/language development (2017). My leadership has driven a NHSE quality improvement programme to standardise neonatal parenteral nutrition.

I have supervised 2PhD students (2016-), to develop novel parenteral nutrition solutions (patent pending), that address amino acid deficiencies associated with important preterm morbidities. Basic science/genetic collaboration has identified effects on key inflammatory/metabolic pathways.

As HEE North West Head of School, I have completed the integration/restructure of the Mersey & Manchester Schools (2016-17), while retaining two high-quality paediatric training programmes. Recruitment to ST1 >95% 2016-18, despite 30% fall in UK applications. I have enhanced PG medical training by integrating with the Advance platform.

I have developed a novel multi-professional training programme, Advance (2016-), to facilitate regional and national Advanced Clinical Practice (ACP) programmes and share training pathways. This strategy promoted regional workforce expansion (72 ACPs), to alleviate medical rota shortages and support new care models at the primary/secondary interface using child health/maternity hubs.

Name: MATTHEW MURRAY

GMC/GDC Number: 4370129

Speciality: PAEDIATRICS

My work improves outcomes for children & young adults with cancer, as evidenced by my lab research, particularly on germ cell tumours (GCTs), where I have:

- Developed serum microRNA cancer diagnostics, monitoring & prognostication, which
 I have embedded in international randomised clinical trials
- Received >£3.9M in grants & published 80 papers: 38 1st & 16 senior author
- Established AstraZeneca collaboration & received many Awards/Prizes

Research Leadership

Genomics England 100,000 Genomes Project: as Domain Co-Lead for Testis Cancer, led International Consortium to successful inclusion in Project 2015-

For Intracranial GCTs

- Led International Delphi Consensus describing expert management (Lancet Oncology 2015) & led/published largest international series of relapse cases, defining optimal treatment 2017
- European Paediatric Oncology Society Working Group Chair 2017-; delivered pan-European management guidelines & developing next trials

Clinical Leadership

I led our Unit through International JACIE (Joint Accreditation Committee for Cellular Therapy) Inspection in 2018 for 1st time, meeting >300 quality standards for paediatric autologous transplants.

Teaching

I deliver a strong portfolio of teaching at undergrad & postgrad level in Paediatrics, as well as Pathology, underpinned by formal Educational qualifications.

Name: ARVIND NAGRA

GMC/GDC Number: 3304013

Speciality: PAEDIATRICS

I am a specialist paediatric nephrology consultant, providing frontline care to patients at Southampton Children's Hospital. I am part of a service providing a 1 in 3 on call emergency cover 24/7, serving a population of 4.8 million.

I led the development and implementation of the 'Ready Steady Go' (RSG) transition programme, designed to empower young people moving into adult services. It was awarded NHS branding (2014) and commended as best practice by NICE (2016). It has been taken up by over 70 hospitals. Working with adult colleagues, we developed a complimentary programme, 'Hello to Adult Services', to empower adult patients with a long-term condition (2014), which is being adopted nationally.

To share best practice and develop resources, I convened 3 annual national study days. All receive excellent feedback:

- Paediatric Nephrology Study Day from 2007
- Adult & Paediatric Nephrology Study Day from 2017
- RSG Study Day for multidisciplinary teams from 2015

I am the British Association of Paediatric Nephrology Patient Experience Lead and Paediatric Lead on the Kidney Health Partnership Board, delivering on a national strategy for kidney disease since 2015. Chief Investigator for 'Game On', a gamification project to improve self-management in young people with chronic disease and 'My Medical Record', a patient owned electronic record.

Name: PADMANABHAN RAMNARAYAN

GMC/GDC Number: 4678652

Speciality: PAEDIATRICS

National recognition in children's ICU retrieval: I am Clinical Lead at CATS, the busiest retrieval service in the UK, delivering safe, high-quality, family-centred care to 1,200+ sick children/year (PICANet national audit, 2018), with excellent patient feedback. As part of a critical care network, I lead/deliver outreach education to hospitals in NW London. I led the development of a common dataset for UK retrieval teams and helped establish retrieval benchmarking standards/quality metrics (2014-19).

World-class critical care research: I lead a unique, internationally recognised clinical research portfolio (2014-19: 32 publications, >£4.5m grant funding). I am chief investigator for 3 multi-centre studies likely to alter NHS clinical practice, (DEPICT [NIHR]; FIRST-ABC [NIHR]; BASIC [GOSHCC]). Promoted in open competition to Associate Professor at UCL (2018).

National/international leadership roles: RCPCH representative on Joint Royal College Ambulance Liaison Committee (JRCALC): I updated/developed ~20 paediatric guidelines used by >20,000 UK ambulance paramedics (2014-18). Paediatric Intensive Care Society (PICS) Council member (2014-18) and Honorary Secretary since 2018. Chair of ESPNIC (European) Transport Section: I presented at the European Parliament in Brussels on improving transport care for sick children (2017).

Name: SRIDHAR CHAGANTI

GMC/GDC Number: 4772343

Speciality: PATHOLOGY

Service leadership:

Between 2016-18, I led on the building of a new state-of-the-art combined clinical/academic Haematology unit, within the Morris House, QE Hospital, Birmingham. As the clinical service lead (CSL), I provided clinical leadership and oversight to this transformational project; leading on planning and design of the new facility which opened in January 2018. This £3.5 million refurbishment has helped create a brand new 24-chaired day unit, a regional apheresis facility, 10 consultation rooms, a pharmacy hub and a clinical trials facility. It has doubled the chemo day unit capacity of the hospital and has increased access to clinical trials for patients.

National contributions:

Joint national lead investigator for TIDAL (PTLD trial; opened in 2017). Funded by a Bloodwise grant and £2 million in drug costs from Pharma. UK lead investigator for a phase 3 clinical trial in Burkitt lymphoma (2019): collaboration with the Dutch HOVON group.

Chaired the BCSH guideline writing group for diffuse large B cell lymphoma: published in the British Journal of Haematology in 2016, (listed in top 10 downloaded articles of the journal).

Clinical expert for the NICE technology appraisal of CAR-T cell therapy for B-NHL (2018). Worked with NICE, NHSE, Lymphoma Association and Pharma to bring this revolutionary treatment to the NHS.

Name: RONJON CHAKRAVERTY

GMC/GDC Number: 3313772

Speciality: PATHOLOGY

I am a UCL Clinical Academic, with a focus on stem cell transplant & graft-versus-host disease (GVHD); since 2015, I have generated £3.2 million in funding as principal investigator, encompassing both translational research into GVHD & early-phase trials in transplant.

I established a new standard-of-care for GVHD prevention & have innovated in the area of graft engineering. I have resourced/developed a UK-leading portfolio of investigator-led UK transplant trials & have a national role in accelerating trial development as Deputy Medical Director of IMPACT, the UK Transplant Trial Network.

As Director of the London Cancer Haematology Pathway Board (2015-), I led the reconfiguration of the haematology-oncology clinical services of the Royal Free and UCLH, to create one of the largest & most research active clinical programmes in Europe. I collaborated with other Cancer Alliances in the UK, to develop joint clinical guidelines & to create new training tools for GPs in early diagnosis.

In 2018, I led the NHSE process for issuing an Urgent Policy Statement for Allogeneic Stem Cell Transplant for Adults with Primary Immune Deficiency Disorders (PID), increasing patient access to this curative therapy. From 2018, I co-ordinated & chair the National Adult PID MDT to decide transplant eligibility with referrals from across the UK.

Name: SILVANA DI PALMA

GMC/GDC Number: 4590576

- 1. Improving Outcome: I have the largest caseload across 4 Trusts, have set up-first time Breast Screening MDT/2018, Lead Breast pathologist 1/2018. My Performance against target 2018 show: 98% (department average 70%) reports/10 days, 100% for confirmed cancers. Outstanding performance in audits, External Quality Assurance, 360 feedback: "very competent and patient oriented".
- 2. Research & development last 5y: 10 publications, 42 published abstracts. Cutting edge research introducing novel genomic-NICE approved-tests for cancer patients. Genomic Champion for the national 100k genome project. Contributed to WHO 3rd ed. Head & Neck 2017. Researched, with Masters degree/2018, problems of integration for overseas doctors in the NHS.
- 3. Education: Educational Supervisor, Training Program Director Kent Surrey Sussex (KSS >30 trainees). High exam pass-rate: 6/6 trainees, 3/3 Locum trainees passed 2016-18, 0-drop out. Completed 3 educational chapters in H&N pathology. Invited Lecturer & program organizer for National & International Congresses in my role of Secretary (+Past president) of European Society of Pathology Head & Neck WG.
- **4. Professor of Pathology** University of Surrey since 2015. Organised >15 educational symposia. Successful co-supervision of one MD student. Studied pathways for Digital and Molecular pathology to implement in the NHS.

Name: LAURA GREEN

GMC/GDC Number: 5201899

- I am the lead consultant for plasma at NHS Blood & Transplant. I led the initiative, which
 extended the shelf-life of thawed fresh frozen plasma (FFP) from 24 hours to 5 days in the
 UK, achieving rapid availability of FFP, better outcomes for patients and reduction in wastage
 for NHS.
- 2. I have led many national initiatives that have improved transfusion management of major bleeding, including: introduction of a new blood component (Red Cell & Plasma), that has improved delivery of life-saving treatment outside hospital (won Health Business Award 2018); the first UK major haemorrhage audit; first author of 2 national guidelines, promoting appropriate use of blood.
- 3. I am leading the development of Whole Blood, an innovative treatment for bleeding patients. I am co-investigator of a National Institute for Health Research (NIHR) project to develop Universal Plasma for NHS, which will improve safety of plasma transfusion and optimise plasma supply-demand (won The Engineer: Collaborate to Innovate 2018 award).
- 4. Despite being a full-time NHS consultant, since 2014 I have obtained £4.4 million in competitive grants to perform studies into improving management of bleeding (4 as chief investigator). I was awarded **Researcher of the Year 2018** by British Society for Haematology and NIHR for 'outstanding contribution to clinical research'.

Name: FIONA GRIBBLE

GMC/GDC Number: 3462102

- Professor of Endocrine Physiology and Deputy Head of the Metabolic Research Laboratories (MRL). I lead a basic science/clinical research team, focussed on the gut/brain/pancreatic axis and gut-based therapeutics for diabetes and obesity. Awarded ~£5.2M personal research funding since 2014; Elected Fellow of the Academy of Medical Sciences in 2015; >190 peer-reviewed publications; >100 invited lectures; H-index 64.
- Director of Graduate Education for the School of Clinical Medicine since 2018: I lead the Graduate and Clinical Academic Training Office, responsible for ~750 masters, PhD, MB/PhD and clinical academic trainees. I chair School and cross-School Postgraduate Strategy and Operations Committees and as Director of the MRC-DTP since 2017, I secured £3.9M for PhD studentships, changed strategy and admissions processes and established a new industrial internship scheme.
- Co-Director of the Wellcome PhD programme in Metabolic and Cardiovascular
 Disease. Academic Training Lead for the ~50 post-doctoral researchers/fellows in the
 MRL, for whom I introduced training courses in lecturing and teaching methods.
- Senior leadership of Core Biochemical Assay Laboratory. My research team
 develops new plasma mass-spec assays, the first of which are now used clinically for
 patients with insulin antibodies and neuroendocrine tumours.

Name: MARK LAYTON

GMC/GDC Number: 2414191

Speciality: PATHOLOGY

- 1. Since joining the Trust, I have led development of a specialist multidisciplinary service for sickle cell (the most common genetic disease in the UK) and other red cell disorders, which now provides care to over 600 patients. Metrics published in 2016 by West Midlands Quality Review Service, based on peer review, showed Imperial College Healthcare to be the top performing Trust in the NHS, achieving over 90% compliance with national quality standards for haemoglobin disorders.
- 2. I was instrumental with Professors S Davies and I Roberts, in forming the first managed clinical network for haemoglobin disorders, a model since advocated by NHSE and the CRG for the effective delivery of haemoglobinopathy services. In 2018, I led the merger of legacy networks in NW London and as Clinical Director of the unified network, I have established a sustainable model to deliver high-quality care, with equitable access to specialist services and transformative therapies. Reflecting this NW London has met in full the targets of the NHSE CQUIN scheme for haemoglobinopathy networks.
- 3. As NIHR CRN Specialty Lead, I have worked with colleagues to expand the portfolio of research in non-malignant haematology attracting key commercial CTIMPs.

In 2018 the title of Professor of Practice was conferred in recognition of my academic contribution by Imperial College.

Name: JOHN MOPPETT

GMC/GDC Number: 3589182

Speciality: PATHOLOGY

As UK Chief Investigator for the ALLTogether-01 trial, I have helped to design the trial, lead its risk stratification subgroups and have obtained CRUK funding to run the trial in the UK. This trial builds upon a whole history of clinical trials in the UK of which the latest, UKALL2011, I am Co-Investigator.

As Chief Investigator of the Bloodwise Childhood Leukaemia Cellbank, I have been integral to its success; collecting and making available to researchers >50,000 samples; >50 current active research projects using Cellbank samples and multiple high-impact publications.

As a member of the National Cancer Research Institute Children's Clinical Studies Group, since 2015 and its Leukaemia Subgroup, since its inception in 2008, I have been involved in national clinical trials delivery for childhood malignancy since the very early days of my consultant career.

As Leukaemia MDT lead for the Bristol Primary Treatment Centre, I have ensured the safe, effective and high-quality delivery of treatment to children with all forms of haematological malignancy, throughout the South West. Our treatment related mortality rates are amongst the lowest in the UK, and outcomes parallel the best in the world. We have a significant number of early and late-phase clinical trials open for patients from the region and further afield, of which I am lead.

Name: EMMA MORRIS

GMC/GDC Number: 3677313

- I am Program Director of the £111.5m UCL NIHR BRC & lead the experimental medicine portfolio. Since 2013, my outputs have yielded significant, internationally acknowledged deliverables with high impact. My 360-degree appraisal feedback is excellent (score 5.9).
- I am a global leader in novel gene & cell therapy, including stem cell transplantation approaches for cancer & immune deficiencies. I have established a cutting-edge clinical trial portfolio, testing gene-modified T-cells & stem cells. My UCL/UCLH/RFH team have recently performed 2 global-firsts of gene therapy for monogenic PID in adults (Morris 2017; ASBMT 2019).
- 3. I have developed a National Allo HSCT centre for adults with PID. Under my leadership, this has grown from 3 clinics/yr (2009) to fortnightly (2016-) generating: The largest cohort of transplanted adult patients worldwide (Fox 2017); Funding for Allo HSCT in adult PID patients; NHSE Urgent Policy Statement (issued Jan 2018). I am National Lead for a new NHSE Policy Proposal formally revising the existing paediatric to an All Ages policy.
- 4. I initiated national guidelines on management of adult patients with haematological malignancies in critical care (Wise 2015). I have helped develop national initiatives in longterm f/u post HSCT (Hamblin 2017) and the development of UK advanced therapy infrastructure (Gilham 2015).

Name: MARIA O'DONOVAN

GMC/GDC Number: 4778277

Speciality: PATHOLOGY

Delivering and Developing high quality service

Improved service quality by changing sample procurement pathways & laboratory processes leading to improved diagnostic rates, faster patient management & Trust savings. Led set up of new services for improved patient care, eg. Endoscopic Ultrasound (**EUS**) Cytology service.

Management, leadership

National & International expert Pathologist for Hereditary Diffuse Gastric Cancer (HDGC) & oesophagus cancer. Author of international clinical guidelines 2015. National Barrett's oesophagus expert Pathologist; Author of British Society of Gastroenterology (BSG) guidelines 2014.

Research and innovation

Co-inventor of Cytosponge cell sampling device for detection of precancerous lesions of the oesophagus (Barrett's oesophagus). Non-invasive and cost-effective with a high patient acceptability rate (9/10). Winner of NHS Innovation Challenge 2011 & British Medical Journal (BMJ) award (Gastroenterology) 2016.

Teaching & Training

Set up a new biannual East of England (**EOE**) Cytology training course and weekly teaching sessions, in order to alleviate the national NHS crisis, where there is a shortage of trained Pathologists. Mentor to 40 trainees annually on the EOE Certificate of Eligibility for Specialist Registration (**CESR**) course, resulting in additional NHS Consultants.

Name: ELENI THOLOULI

GMC/GDC Number: 4296339

Speciality: PATHOLOGY

Director of adult Bone Marrow Transplant (BMT) unit (2011-present): developed large BMT program, lead for JACIE (reaccreditation 2016; commissioning requirement); superior BMT outcome under my leadership, when compared to peers (BSBMT commissioning documents 2017, 2018); wrote successful business case to expand BMT unit (£10M); introduced ambulatory BMT program saving 200 bed days/year.

Adult Immune Effector Cell lead (IEC/CAR-T): jointly written Pan-Manchester INNOVATE UK bid 2017, awarded £7M to scale up advanced cellular therapies (iMATCH); developed education and awareness program, prior to introduction of IECs to all specialties/professional groups; flawless/outstanding JACIE-IEC inspection 2018, NHSE commissioned CAR-T centre wave-1.

Director of Greater Manchester (GM) Haemato-Oncology Pathway Board (2017-present): initiated external review of diagnostic pathology services, successfully led implementation of recommendations; new regional diagnostic service for haematological malignancies (HCDP) now open; organised regional educational events, in aid of writing/coordinating guidelines and pathways.

Chief Investigator (CI) for ADMIRAL; Principal Investigator (PI) for >25 phase 1-4 trials in 5 years; high recruiting centre; led IMPACT bid (BMT trials network) - 4yr Research Nurse funding; secured setup of 4 phase-1 CAR-T trials.

Name: ALAN WARREN

GMC/GDC Number: 3137860

Speciality: PATHOLOGY

Since my last bronze award (2013):

As Clinical Lead, positioned the Trust as a 'Centre of Excellence', designated by US Myelodysplastic Syndromes (MDS) Foundation, 2019. Helped recruit >1,200 patients into the EU MDS Registry, generating 11 publications that validate new prognostic scoring system, support erythropoietin as standard of care and report on quality of life and blood transfusion outcomes.

With families, co-founded the Shwachman-Diamond syndrome (SDS) UK charity. As Chair of the SDS UK Medical Advisory Board (2017), established and championed commissioning of UK's first multidisciplinary adult specialist SDS clinic. Co-discovered a new SDS gene (2019), now entering NHS diagnostic screening. Co-founded a European network (22 countries, 42 partners, 17 early-career researchers) for innovative diagnosis and treatment of chronic neutropenia (2017).

Personal research programme (£3.8 million), highlighted by BBC national news (2019), has produced seminal publications, (e.g. NSMB, 2015; Science, 2019), book chapter (2017), 38 invited talks (local, national and international) and a prize from Austrian Molecular Biology Society (2016). Academy of Medical Sciences Mentor.

Fundraising (£4 million) with colleagues, established a world-class cryo-electron microscopy facility in Cambridge, facilitating major NHS health care innovation.

Name: KATHRYN ABEL

GMC/GDC Number: 3172753

Speciality: PSYCHIATRY

Trust My research funds 10 NHS staff on award winning clinical research, (NIHR STEM & 'Outstanding Contribution to Research' awards). In 2018, I set up CAMHS. Digital preventive mental health unit, which has engaged 75 young people in research.

Wider NHS My work has developed national mental health policy shaping perinatal screening and care for women through the NIHR ESMI program and 2018's Women's Mental Health Taskforce report, in which I led the data group; and for vulnerable children via NHS England's CAMHS Strategic Clinical Network and c4c UK Hub Steering Group. I sit on Women's Prison Suicide Self Harm Board and set up sustainable self-harm pathways, training and supervising 30 staff across 9 women's prisons to deliver psychotherapy for self-harm.

As NIHR National Mental Health Lead Under my leadership, since 2016, CRN has achieved its highest recruitment nationally for mental health ~45,000 and locally >5,000 for Greater Manchester.

Research/Teaching 2016-17, I was awarded NIHR Investigator and a prestigious European Research Council Fellowship; I co-lead 2 EU programs for at-risk children. I lead 2 digital health programs in 4 local schools. I created the acclaimed Rising Stars mentoring program for ~45 upcoming researchers; my mental health Principle Investigator training has reached >180 clinicians in 15 regions so far.

Name: WILLIAM (BILLY) BOLAND

GMC/GDC Number: 4739706

Speciality: PSYCHIATRY

Patient Partnership – Leading the way in working with patients and carers, my clinical leadership team was **shortlisted for a national award** for its patient partnership approach. I have published clinical skills guidance and clinical practice advice co-authoring with patients, available to clinicians practising internationally.

Professional Leadership – As elected member (2013-2017) and currently elected Vice Chair (2017) of the General Adult Faculty at the Royal College of Psychiatrists (RC Psych), I have led practice development through influencing national policy. As Chair Elect, I am the elected national professional leader of my specialty. We have over 10,000 members in the UK and internationally.

Quality Improvement (QI) – I'm recognised nationally as a leader in Quality Improvement in health services, shaping the **RC Psych QI Strategy** (2016-2018), becoming the **Faculty Lead for QI** (2017), and creating our first **faculty guide to Quality Improvement** in General Adult Psychiatry (2018). Locally, I've led the growth of QI culture in our trust.

Excellence in Care – Our local work on screening and intervention for cardiometabolic risk factors in patients with psychosis is **leading the way nationally**. My social care guidance paper was one of the **Top Downloaded papers of the British Journal of Psychiatry portfolio of journals 2017**.

Name: MATTHEW RICHARD BROOME

GMC/GDC Number: 4399184

- I have developed and led high quality clinical services in both Adolescent Inpatients and in Early Intervention in Psychosis.
- ii) In the last 5 years I have published 54 peer-reviewed papers, co-edited two books, and have attracted grant income with a total value of £7,547,712.
- iii) I have had two PhD students who have completed on time and without corrections, and how are now both lecturers, one in psychiatry, and I have completed supervising an ACF in psychiatry, who subsequently was awarded a Wellcome-funded DPhil Fellowship.
- iv) As Director, I have led the development of the new interdisciplinary Institute for Mental Health at the University of Birmingham. The Institute has developed a strong group of PIs across the University and NHS and has attracted £2.8 million grant income in its first 16 months.

Name: SATHEESH GANGADHARAN

GMC/GDC Number: 4587071

- Led the development of a care-pathway model for specialist Intellectual Disability (ID) services, improving the quality of service for this vulnerable population, as well as nationally adopted in the Faculty of ID guidance. Two papers in peer reviewed journals 2014; Faculty document on care pathways - FR/ID/05 and RC Psych team award in 2016.
- 2. Despite being a full-time clinician / clinical leader, maintained an average of 2 publications in a year throughout my career. Successful research grants, including a NIHR grant on a pioneering research on diabetic care in people with ID.
- 3. Co-led the development of interagency initiatives in Leicester to improve academic-clinical interface including Leicester Improvement Innovation in Patient Safety (LIIPS 2015 to 2017), Leicester Academy for the Study of Ageing (LASA from 2014 to 2016), Leicester Centre for Mental Health Research (2015 to ongoing) and a collaboration with the human factor department, Loughborough University, to improve suicidal risk assessment (2016 to ongoing).
- 4. As an inpatient consultant since April 2018, I have improved the quality of care and patient flow, leading to significant reduction in delayed transfer of care, (40% to less than 10%), with length of stay well below national bench-marking. As a result, significant reduction in out of county placements achieved.

Name: BEN GOLDACRE

GMC/GDC Number: 4741451

- Chair, Health Tech Advisory Board, Dept Health & Social Care, reporting to Secretary of State. I regularly meet and advise senior civil servants, Sec of State, and national NHS leaders; contribute in detail to national policy discussions on using data to improve clinical care. MBE for "Services to Evidence in Policy", 2018; HSJ listed me #21 in Top 100 Most Influential Clinical Leaders; BMJ Award for Outstanding Contribution to Health 2017.
- 2. Founded DataLab, University of Oxford. Delivered high impact, open, data-driven quality improvement tools for NHS, e.g. OpenPrescribing.net, (100,000 unique users this year monitoring quality, safety, efficiency of prescribing in primary care). Extensive research on innovative uses of data to improve clinical care. 33 papers in peer reviewed journals since Feb 2018; £3m in funding as Principal Investigator since 2014. Google Scholar: h-index 27; total citations 4,174.
- 3. My public engagement activities have reached millions of people, making epidemiology/statistics accessible and engaging.
- 4. **Led research/advocacy to improve clinical trial reporting**. Co-founded AllTrials (global campaign supported by 727 organisations and 90,000 individuals). Advisor to WHO; global media coverage; proven policy impact; 3 live audit tools to improve trial reporting; my data used globally to improve trial reporting.

Name: JONATHAN GREEN

GMC/GDC Number: 2392147

- 1) Autism treatment In the last 5 years, I completed the work, (Lancet publication 2016), demonstrating the first treatment for autism to produce sustained improvement in autism symptoms. Nominated (2017) as an NIHR 'signal' study and on the Improving Access to Psychological Therapies curriculum, for dissemination into the NHS as best evidenced practice; I have since disseminated this globally with international training and research in S. Asia.
- 2) My recently developed prevention autism intervention shows (publication 2017) sustained improvement in prodromal signs in high risk infants, with major public health implications if replicated.
- 3) Biological treatments in autism My specialist practice and research with clinical genetics has discovered for the first time that statins have important effects on cell signalling pathways, CNS GABA and other biomarkers relevant to syndromic autism (Molecular Autism 2018).
- 4) Neglect and maltreatment I co-developed a 'Manchester model' for multidisciplinary health and social care of adopted and looked-after children with a DfE-funded pilot in Manchester (2017-19). My research on autism and attachment problems in these groups, (publication 2016), fed into national recommendations for care pathways (2017).

Name: DENNIS OUGRIN

GMC/GDC Number: 6025208

- I have developed and implemented Supported Discharge Service (SDS), an intensive community care service for adolescents with severe mental health disorders. SDS was shortlisted for the Nursing Times Award (2015) and highly commended at the 2017 National CYPMH Awards.
- 2. I am the Chief Investigator (CI) of the first UK RCT of an intensive community care service (SDS) versus usual inpatient care (TAU). In this RCT (n=106), over the 6 months follow-up period, patients randomised to SDS spent fewer days in hospital (mean 47.25 v. 84.32), were less likely to report multiple episodes of self-harm (OR 2.89) and were more likely to attend community schools (81% SDS v. 51% TAU). SDS evaluations provided evidence for rapid expansion of intensive community care in the UK and in Europe.
- 3. I have developed and implemented Therapeutic Assessment, a brief psychotherapeutic intervention for adolescents with self-harm presenting in emergency. In an RCT (n=70), TA was linked with significantly better engagement with aftercare (83%) versus usual assessment (49%). TA was cited in the latest update of the NICE guidelines on self-harm.
- I lead the MSc in Child and Adolescent Mental Health which has one of the best Postgraduate Taught Experience Survey student satisfaction of any MSc at King's College London (82 - 100% in 2013-2018).

Name: ANDRE STRYDOM

GMC/GDC Number: 4080543

Speciality: PSYCHIATRY

I am one of only 3 chairs in Intellectual disability (ID) psychiatry in the UK, with an international profile as leading academic in my field.

High quality service:

- Improved recognition and diagnosis of dementia in Down syndrome (DS), and developed new DS dementia pathways implemented locally & nationally via a special interest group which I lead.
- Wrote national/ international clinical & carer guidelines on management of dementia in DS and ID.
- Provided evidence & helped implement NHSE health checks for ID patients in primary care.

Research:

- In 18 months since joining KCL, I have been CI on > £2mil of new research funding, thus establishing ID as academic discipline at Institute of Psychiatry, Psychology and Neuroscience; during the past 5 years I have been CI on >£5mil of funding and coapp on >£50 mil.
- I lead an internationally renowned Down syndrome research group and have established national and international clinical research networks.
- >60 publications since 2015, many high impact (JAMA Neurology, Nature Neuroscience, BJ Psych, BMJ).
- Created ongoing public engagement programs.

Training:

- Developed innovative involvement of actors with ID in medical student assessments.
- Increased capacity in Academic ID psychiatry by generating new research fellow positions.
- Module lead on an KCL MSc in neurodevelopmental disorders & previously MBBS undergraduate tutor at UCL.

Name: BENJAMIN UNDERWOOD

GMC/GDC Number: 4707033

Speciality: PSYCHIATRY

Clinical director of the older people and adult community directorate. This came in to being following the collapse of the previous provider and includes mental and physical healthcare. Caseload of c50,000 at any time and c10,000 referrals per month. I have led this new directorate from a difficult beginning to a thriving service, which attracts national and international attention. Last year: 809,000 contacts, 88 complaints, 4,970 compliments, 97% would recommend to friends and family, rated good by CQC, in financial balance. I have led the trust's international training relationships (e.g. in China).

Clinical lead for division 4 and now dementia in the CRN eastern and clinical director of the Windsor research unit. I have successfully integrated research in to the culture of the trust and moved from very low recruitment activity in dementia to a position where we have recruited more than 1,200 patients this year. I have delivered the first clinical trial of drug identified in Cambridge and have been instrumental in setting up a new institute of translational neuroscience at Cambridge University, including attracting significant funding.

I teach Cambridge undergraduates, MRC Psych candidates, postgraduate students, consultants and have recently written two chapters in the seminal textbooks in Old Age Psychiatry.

Name: RACHEL UPTHEGROVE

GMC/GDC Number: 4039217

Speciality: PSYCHIATRY

I have a sustained commitment to improve the quality of treatment for patients with severe mental illness, through the translational impact of my research, teaching and service development. I have:

- 1. Published high impact primary research papers on the treatment of early psychosis and schizophrenia, and suicide prevention.
- 2. Developed the British Association for Psychopharmacology (BAP) guidance update on the treatment of schizophrenia, launched at the College Conference in 2018 with specific authorship of the management of affective co-morbidity.
- 3. Acted as Deputy Editor of British Journal of Psychiatry, managing the editorial process for a high volume of papers with direct clinical impact. I have developed the author guidance for the journal on systematic reviews. I have led the BJ Psych public engagement strategy, including an enhanced social media presence e.g. @theBJPsych.
- 4. Developed the interdisciplinary focus of multiple partners across NHS trusts, University and Commissioners, as Clinical Lead for the Health and Wellbeing Pillar for Birmingham Health Partners, emphasising the need to include Mental Health at the core of acute and physical health care priorities.

Name: GAYATRI AMIRTHALINGAM (NEE MANIKKAVASAGAN)

GMC/GDC Number: 4721608

Speciality: PUBLIC HEALTH MEDICINE

I led the evaluation of the maternal pertussis immunisation programme, publishing in the Lancet the world's first effectiveness results (2014). I presented the findings to advisory committees in the US, Canada and Australia. This work informed WHO recommendations and implementation of programmes in >15 countries. I was an invited speaker at >15 international meetings. My maternal immunisation research was one of the most cited publications in the 2015 PHE research review.

I established surveillance to monitor 2 of the 6 major changes to the immunisation programme and published the first evidence of shingles programme impact (>17,000 fewer GP consultations in first 3 years) in 2017.

I maintain a strong research portfolio, with 55 publications since 2014 (H index 13), including 18 in high impact journals (>5) and >1,000 citations. I am on the Board of the World Association of Infectious Diseases and Immunological disorders, in recognition of my research.

I led the response to two major outbreaks (pertussis, measles) and shortage of immunoglobulin. I provide expert advice to WHO on (1) global shortage of diphtheria antitoxin and (2) international outbreaks, e.g. 2017 diphtheria outbreak, Bangladesh. Since 2014, I led updates to 9 PHE guidelines and developed advice on the use of shingles vaccine in specific patient groups.

Name: KEVIN FENTON

GMC/GDC Number: 3632925

Speciality: PUBLIC HEALTH MEDICINE

I was Public Health England (PHE) National Director for Health and Wellbeing (2012-17) and now hold joint appointments as Senior Advisor PHE and Strategic Director Southwark Council.

I have:

Led national prevention programmes and policy development: I led PHE's non-communicable diseases (NCD) prevention, health equity and healthcare public health programmes. My work informed local [LGA], national [UK] and international [WHO] guidance on NCD prevention and control.

Led impactful national and local public health initiatives: I led innovative work on HIV prevention to reduce HIV incidence; evidence-based tobacco harm reduction programmes to reduce smoking prevalence; and novel approaches to tackle child obesity informing the government's Child Obesity Plans.

Provided effective systems leadership: I led innovative programmes across PHE, NHSE, DHSC and Local Government to tackle cardiovascular disease, mental, musculoskeletal and reproductive health. I contributed to major NHSE national strategic initiatives, e.g. the Mental Health 5 Year Forward View, NHS Healthy New Towns and NHS Prevention Boards (2014-2017).

Provided applied public health research leadership: Since 2013, I have published 42 peer-reviewed articles, I sit on NIHR and MRC research funding boards, and am an investigator on NIHR, MRC, NIH-USA funded research.

Name: ZAFAR IQBAL

GMC/GDC Number: 3071876

Speciality: PUBLIC HEALTH MEDICINE

Locally as DPH/Assistant Director, I led strategy in improving local outcomes: 36% drop in teenage pregnancy rates, 15% reduction in suicide rate, high performing NHS Health Checks **(HCs)** programme (top 20%) and reduction of 25% in salt use in 50 takeaways.

I jointly secured £1million from Local Authorities to establish an academic unit, to reduce health inequalities launched by Sir Marmot. I am Trust lead for a £1.2m innovation project on heart failure.

I was involved in establishing a global MPH on Sustainable Smart Cities between UAB USA and Staffs University and responsible for a module on PH Policy.

Nationally, I led the national FPH Workforce Strategy, which is creating a stronger national PH system. Through my leadership as Faculty PH Assistant Registrar, I ensured integrity of the consultant appointment system and actively intervening in councils when PH systems were at risk.

I am on the PHE Expert Committee on NHS HCs and published national policy documents. I was a policy lead on NHS HCs for the Association of Directors of Public Health.

Internationally, I was on an external peer review group for the University of Alabama Birmingham (UAB) Health Disparities Centre. As chair of FPH Pakistan Group, I initiated a mentoring programme aiming to strengthen leadership skills in managing communicable diseases in Pakistan.

Name: NICHOLAS STEEL

GMC/GDC Number: 3194560

Speciality: PUBLIC HEALTH MEDICINE

- In 2018, I was first author on a major Lancet paper using Global Burden of Disease data for English local authorities and highlighting modifiable risk factors. This paper underpinned the new NHS prevention priorities in the NHS long term plan 2019 (https://www.longtermplan.nhs.uk/).
- I have led research in collaboration with NHS providers, to improve GP consultations
 with older people about their goals, recruit and retain GPs, improve access to general
 practice, and evaluate primary care for homeless people and asylum seekers. All 4 of
 these projects won national or local awards.
- 3. In the last 5 years, I contributed to NHS quality improvement by prioritising funding for excellent health services research on two National Institute for Health Research funding committees. On the National Institute for Health and Clinical Excellence Standing Committee for Guideline Updates, I helped develop methods to update guidelines and strengthen links between evidence and recommendations.
- 4. I lead the public health academic training programme in the East of England, which has created 11 new training posts for medical and non-medical academic fellows and lecturers since 2015. I teach undergraduate medical students and receive excellent feedback. Both schemes score very highly in the General Medical Council's national training surveys.

Name: TRISTAN BARRETT

GMC/GDC Number: 6054414

Speciality: RADIOLOGY

Clinical: Dedicated to improving standards of prostate MRI acquisition and reporting with representation on national and international committees and co-author on UK consensus paper on implementation of MRI pre-biopsy.

Research: Authored 48 peer-reviewed publications in the last 5-years (26 as first or last author). Invited speaker delivering 32 international and 36 national-level lectures in the last 5 years. Personal h-index 28, with more than 2,000 citations of my work in the last 5 years. I sit on the editorial board of the leading UK radiology journal and am currently a guest editor for a special edition.

Teaching: Director of Cambridge Radiology Academic Program, overseeing the introduction of radiology academic foundation year posts. Organiser of workshops at 5 urology meetings and a study day for British Institute of Radiology. Fellow of the Higher Education Authority, and lead author of 3 medical education books.

Policy: Radiology representative for NICE Kidney Injury and Disease guidelines. Member of National Cancer Research Institute imaging advisory board and prostate subgroup, member of the NHS England Expert Prostate Group. Further work with European Society of Uro-Radiology (ESUR) on subgroup committees and guideline panels of European Association of Urology in relation to prostate cancer management.

Name: SUJAL DESAI

GMC/GDC Number: 3262096

Speciality: RADIOLOGY

- National/internationally-recognised thoracic radiologist, as evidenced by i) Presidency, European Society of Thoracic Imaging (2011-13; only the 3rd UK radiologist in 20 years); ii) Election, Membership, international Fleischner Society (2014; one of only 2 UK radiologists) and iii) Deputy Editorship (2014-present) European Radiology and Assistant Editorship for the (North American) Journal of Thoracic Imaging.
- 2. Exemplary track record in under/postgraduate teaching:
 - i) Regularly invited to national/international meetings (50 lectures since 2014).
 - ii) As Chair (2012-17), drafted European Thoracic Sub-Speciality Training Curriculum.
 - iii) In 2015, was Written Assessment Lead for the Guy's, King's & St Thomas' School for Medical Education (only radiologist ever appointed to post).
 - iv) Developed the national/international '*Hands-On*' Course in HRCT of Diffuse Lung Disease.
- 3. Since July 2017, **re-organised** the delivery of imaging to the **nationally-commissioned ECMO service** at the Trust: transformed reporting practices at Trust, in addition to providing expert opinions for externally-referred patients.
- 4. Contributions to teaching, service delivery and clinical research, (H-index 35; 5,682 citations; Google scholar), recognised most recently by academic promotion to **Professor of Practice** (**Thoracic Imaging**) at Imperial College London.

Name: ANDREW PLUMB

GMC/GDC Number: 6102393

Speciality: RADIOLOGY

PATIENT CARE: As an expert GI radiologist of international repute, (>30 invited talks since 2014), I introduce novel techniques to NHS practice, e.g. urgent MRI for acute abdominal pain. Audit-proven excellence in CT colon, (our service >95th centile nationally; my personal detection >50% above average). Improved patient experience via "walk-in" ultrasound slots alongside GI clinics.

RESEARCH: £6M grants since appointment in 2014 (£2.8M as PI/co-PI, incl NIHR & CRUK). 46 indexed papers 2014-2019; 21 first/senior author. Most-published author on CT colon in Europe over past 3 yrs (4th in the world). Co-leading 3 multicentre GI imaging trials. Research Committee for pre-eminent GI radiology societies in Europe & UK.

EDUCATION: Incumbent Royal Coll Radiologists Roentgen Professor, teaching research excellence. President for the premier UK GI radiology conference 2017; GI subcommittee for largest European imaging meeting, 2018 & 2020 (>25,000 participants); lead for the foremost European CT colon training course; supervise 3 PhD/MD students & tutor 10 medical students.

LEADERSHIP: Sole radiologist on the World Endoscopy Org post-test CRC group & BSG Adenoma Surveillance group, shaping (inter)national policy. Member of English national Bowel Screening QA group since inception. Royal Coll Radiol rep to the national JAG group on GI endoscopy.

Name: KESHTHRA SATCHITHANANDA

GMC/GDC Number: 4207973

Speciality: RADIOLOGY

LOCAL:

High volume NHS service work, Director of Screening for South East Breast Screening Program (2014 -), eligible population >250,000 women. Ensure routine use 3D mammography in assessment and interventional breast procedures with higher cancer detection, 100% preoperative diagnosis rate and quicker, accurate biopsies with prone table with better patient satisfaction scores.

NATIONAL:

Radiology Clinical Professional Advisor, South SQAS, PHE. Performing inspection of screening units.

Member National Radiology Clinical Professional Group, PHE and National Clinical Advisory group, PHE shaping on national radiology strategies via national audits, guidance setting.

RESEARCH:

Authored >16 peer-reviewed papers in last 5-years, collaborating with multiple clinical groups.

Principal Investigator:

- 1) FORCE study
- 2) PROSPECTS Trial
- 3) Knee injury Cohort study
- 4) Clinical Lead, Breast Cancer Theme, The London Medical Imaging and Artificial Intelligence Centre for Value Based Healthcare.

TEACHING:

Head of National Training centre, NHSBSP - Organise /lecture on many multidisciplinary courses

Breast Stream Lead, annual Scientific Meeting for British Medical Ultrasound Society.

Educational Supervisor, Medical Students, King's College, London.

Invited speaker nationally and internationally on Breast and musculoskeletal imaging.

Name: NISHA SHARMA

GMC/GDC Number: 4305754

Speciality: RADIOLOGY

- 1. I am an expert panel member of the clinical assessment group for PHE. This group advises PHE on breast screening related issues and we were advisors to the Health Minister, in relation to the National Breast Screening Incident.
- I am involved as a co-applicant in innovative research that is looking to minimise over treatment and improve cancer detection in Breast Screening, such as the SMALL Study, BRAID study and MyPEBS. This is collaborative research, working across different sites within the UK but also across Europe.
- 3. Involved in working with Artificial Intelligence companies centred around implementing deep learning algorithms within the NHS Breast Screening Programme. The algorithms are looking at innovative ways to change the way we film read and also developing algorithms to assess the quality of the mammograms taken by radiographers, to provide real-time feedback and hence improve the quality of the service overall.
- 4. Professional Clinical Advisor for the Breast Screening Quality Assurance team. This is a rewarding and informative role. I am responsible for assessing the radiology aspect of the breast screening service and recommend changes to further improve the service and highlight any areas of concern. I am then able to share and implement good practices I have witnessed, helping to improve upon our own service.

Name: MANOHAR BANCE

GMC/GDC Number: 3123223

Speciality: SURGERY

I am the Inaugural Professor of Otology/Skull Base Surgery Cambridge from May 2017, with many national and international leadership positions before I moved.

In the UK, I can group activities into:

Leadership: I am on council/board for: British Society of Otology (BSO-Academic Officer), RSM section of Otology (lead for outreach), Translational Officer for BOARS (British ENT Research Society, British Association of Otolaryngology 2020 meeting planning committee (co-lead otology). I am hosting the BSO meeting 2021. I am liaising with the British Society of Audiology to develop joint national hearing strategies. Internationally, I am Program Officer for the Politzer Society.

- In the UK I started a new lab, attracted £1.3 million in funding to date, have
 developed many engineering collaborations, including helping with funding for a new
 bioengineering space. Internationally, I am developing several collaborations
 (£211,000 in funding), to try to develop site-of-lesion tests for hearing loss, which are
 essential.
- I have lectured/trained extensively in UK and Europe (total 223 invited talks), in UK have given keynotes at BSO 2018 and 2019, RSM 2017, British Cochlear Implant Group 2019.
- Developed first a Cambridge cochlear implant Audit program, and then expanded it to a regional Cambridge/London audit program.

Name: ANNE BEGLEY

GMC/GDC Number: 3678606/D 59100

Speciality: SURGERY

Managing Patients with Facial/Jaw Joint (TMJ) Pain

I have co-authored a national guidance document for the management of facial pain in primary care, designed referral protocols, direct access to physiotherapy. New review ratio is low compared to national benchmarks and reduced from 2.1 to 1.7 since 2013. Created a nurse led Botox/facial muscle pain clinic.

Training Programme Director OMFS Health Education England NW

Appointed in 2016 as TPD for the combined regions of old Mersey and NW responsible for 23 specialty trainees - the largest specialty training rotation in the UK. I have managed a trainee in difficulty through to CCT and others with significant issues.

Awarded OMFS Trainer of the Year in 2017

Shortlisted for ASiT Silver Scalpel 2019.

Associate Dental Dean for Dental Core Training (DCT) for HEE NW

I manage 81 DCT posts across the NW, including those in Aintree and have 5 TPDs and over 25 educational supervisors. Designed assessments and participated in the First DCT national recruitment in 2017. As part of the DCT National Working Group, am involved in developing the DCT curriculum and portfolio.

Development of DCT Quality Indicators, Craniofacial/Cleft Training Workbooks and ARCP documentation

Developed national training documentation for STs & DCTs on JCST website. Includes assessments used for national recruitment.

Name: IAIN BRUCE

GMC/GDC Number: 4419992

Speciality: SURGERY

- Busiest paediatric cochlear implant (CI) surgeon in the UK, helping children & young people with profound hearing loss to hear and speak. Performed 279 CIs in 5 years, with no major complications. International reputation for technical ability and meaningful measurement of benefit, including CI with hearing preservation and CI in children with disabilities, evidenced by 22 invited international lectures, 1 invited book chapter and 14 papers.
- Committed to helping children with life-limiting & incurable Mucopolysaccharidosis, by providing evidenced-based care. 5 invited international lectures and 9 papers.
 Provide the only dedicated MPS ENT clinic in the UK, working closely with patients via the MPS society.
- £1.99m of NIHR funding for clinical research, helping to enhance the evidence-base for managing children with ENT problems. Member of the *Standing Scientific Committee of the European Society of Paediatric ORL* (ESPO), influencing 'international efforts in research and scientific communication'. Deputy Editor of *Cl International*, which had 25,864 article downloads in 2018.
- Passionate about patient safety, pioneering the introduction of simulation-based training to UK and European ENT societies (BAPO & ESPO) and conferences (5).
 Developed and led the successful *Paediatric Emergency Skills Course for Consultants* (ENT:UK).

Name: PEDRO CATARINO

GMC/GDC Number: 4127637

Speciality: SURGERY

Cardiac Surgery

My outcomes for patients' survival after heart surgery have been shown by NICOR to be the best in the UK for the past two consecutive years, (along with a handful of individual surgeons out of 300 nationally). My contribution to both our results and our culture placed Papworth at the very top of all UK centres.

Transplantation

I lead the Papworth Transplantation service, which has grown by 30% to treat a record 102 patients last year, with heart and lung transplants (the highest volume at any UK centre for 20 years). We have the best early and late survival outcomes of all the UK units, with the highest donor organ use rate. We pioneer, and are the world leaders, in DCD heart transplantation.

Specialist Aortic Service

I established, led and developed this specialist service into one of the largest arch / descending aorta programmes in the UK, recognised for excellent outcomes and research. I advise and teach surgeons from all over the UK and abroad and contributed to NICE guidance in this area.

MORGAN re-Perfusor & trade

I lead a team of 3 clinicians who have developed a prototype portable blood-perfusion pump to be used in the retrieval of donor hearts, in particular for DCD transplants. The device could be used for multi-Organ retrieval and is likely to develop into a valuable commercial spin-off for Papworth.

Name: JOANNE CRESSWELL

GMC/GDC Number: 4183958

Speciality: SURGERY

Education: Educational supervisor (38 trainees, 277 assessments), Director of Education, Training Program Director (TPD), Specialty Advisory Committee for Urology (SAC), Liaison Member for West of Scotland Urology (18 trainees), careers events.

British Association of Urological Surgeons (BAUS): BAUS Section of Oncology Chair (first female elected), Secretary, Committee member (2012-2018), BAUS Council member (2016-2018). Leading by example have mentored and encouraged colleagues to participate in section activities, advised Royal Colleges, NICE, charitable organisations, organised educational events.

Research: Local, regional and national clinical research is central to my consultant career (2008-present). Champion bladder cancer research as Principal Investigator, trial management and through the NCRI Bladder Cancer CSG. Currently Strategic Clinical Lead for Research Support with Local Clinical Research Network (LCRN). I developed research within my hospital Trust as Deputy and then Research and Development Director (2014-2017).

Invited Speaker: Key opinion leader for urological cancer, podium presentations at regional, national and international educational events such as BAUS annual conferences, European Association of Urology (EAU), national teaching events (RCS Edinburgh), South West, North of England Urology Societies.

Name: VINCENT GNANAPRAGASAM

GMC/GDC Number: 4122120

Speciality: SURGERY

• I have led key innovations in prostate cancer clinical care:

- (i) I invented a low cost-device for out-patient prostate biopsies, which cuts infections to 0%. The CAMPROBE is now in NIHR multicentre trials and once disseminated, will save the NHS up to £11M/year in saved treatment and antibiotic costs.
- (ii) I incepted a bespoke Active Surveillance clinic for early prostate cancer, increasing patient compliance to >90% and with very low treatment conversion rates.
- I am an expert in risk-based management of prostate cancer. I developed the first UK
 model to accurately predict prognosis. The Cambridge Prognostic Groups is now in
 clinical practice & a webtool is freely accessible to any NHS unit.
- I lead an internationally recognised research programme. In the last 5 years, I have published 55 papers and secured >£1.6M in grants. I established the Cambridge Urology Translational Research and Clinical Trials (CUTRACT) office, which employs 8 staff, recruited >600 patients & generated income >£400,000. I am Chief Investigator on 4 multi-centre/portfolio trials.
- I lead one of the largest UK Academic Urology training programmes. In the last 5
 years the programme has supported 9 PhD/MD & 3 lecturers have progressed to
 senior academic appointments. I also incepted & delivered a new MCh degree for
 early career urology trainees.

Name: TAMSIN GREENWELL

GMC/GDC Number: 3467114

Speciality: SURGERY

Clinical

Deliver a nationally and internationally renowned female, functional and restorative (FFR) urology service, with top-tier surgical outcomes in complex lower urinary tract reconstruction. Designed a new 'hub and spoke' clinic, cutting waiting times and improving patient and staff experience. Developed a new urology and urogynaecology joint mesh complications service for women with complications from mesh for incontinence and prolapse.

Research and Innovation

Co-Applicant on recently awarded £2.4m HTA PURSUIT study. Co-investigator on 5 national studies. > 90 peer reviewed papers; 48 in the past 5 years.

Teaching and Training

Committed surgical teacher and trainer; educational supervisor to all 8 Trust Grade urology CTs and clinical supervisor to all 4 FFR urology SpRs. Urology National Selection skills lead. Previously, British Association of Urological Surgeons (BAUS) Director of Education, Urology Tutor for the Royal College of Surgeons of England (RCS Eng) and member of the Urology Specialist Advisory Committee (SAC).

Leadership and Management

NHS England Clinical Lead for both the Specialised Commissioning of Services for:

- 1) the Management of Women with Complications of Vaginal Mesh Surgery and
- 2) the Management of Women with Lower Urinary Tract Fistula. Immediate past Chairman of the FNUU section of BAUS.

Name: CHRISTOPHER HALLORAN

GMC/GDC Number: 4100007

Speciality: SURGERY

Trials:

Chief Investigator: PANasta (UK) and EUROPAC-2 (EU).

<u>Clinical lead UK- Early Diagnosis Initiative for Pancreatic Cancer.</u> This program will develop biomarkers for diagnosis of type 3c diabetes (DM 3c) in new onset diabetic patients > 50 years. DM 3c is highly associated with undetected pancreatic cancer. By detecting DM 3c and screening these patients, we hope to **diagnose pancreas cancer EARLIER**, giving patients greater treatment options and longer survival.

Grants:

>£5.2M research funding across a program grant, clinical trials and Royal College of Surgeons research fellowships. Strong publication record (Lancet and Annals of Surgery).

Teaching:

System lead for GI teaching year 1&2, MBChB program in Liverpool University (UoL). GI and visceral lead for the entire MBChB program UoL. I was awarded Senior Fellow Higher Education Academy (**SFHEA**) for continued and transformative leadership in teaching at Liverpool University.

Innovation:

I have devised, developed and rolled out "Single Incision Laparoscopic Surgery" for treatment of pancreatic necrosis (**SILs-N**). This technique reduces surgical episodes and reduces length of post-operative stay.

I was instrumental in bringing endoscopic necrosectomy to Liverpool. This technique allows patients to be managed as day cases, reducing length of stay and cost of treatment.

Name: ALISTER HART

GMC/GDC Number: 4154941

Speciality: SURGERY

At 49 years, after 13 years as an NHS consultant (50% clinician / 50% academic), I have achieved a dramatic shift in patient safety of orthopaedic implants in the NHS through my:

- Awards for clinical research on medical devices (hip and knee implants, and spinal rods)
 that affect > 3 million people worldwide: £7M funding (EPSRC, Innovate UK, 11
 manufacturers, charities and £27K from my own patients), including an industry contract via
 the British Orthopaedic Association, hailed by the American Academy of Orthopaedic
 Surgeons as "a model for the future".
- Collaboration with NHS consultants, with >40 NHS consultants co-authoring papers, (in 2017 I had 17 papers with 17 RNOH co-authors); 105 NHS trusts contributing implants to me; 600 NHS tertiary referrals to the multi-disciplinary team meeting that I setup to treat difficult cases of hip implant problems.
- 3. Appointment to the following NHS positions:
 - Director of Research and Development at the RNOH NHS Trust (2012 to 2017) in which our NIHR portfolio recruitment rose from 0 to >700 per year and we won the NIHR "most improved NHS trust".
 - Leadership of RNOH NHS Trust implant science.
 - Creator and lead of orthopaedic research in the UCLH NIHR Biomedical Research Centre (first ever BRC funding for the RNOH).

Name: WILLIAM HELLIER

GMC/GDC Number: 3460708

Speciality: SURGERY

I have worked hard both Locally and nationally to represent and further my Speciality, my Medical colleagues and the NHS as a whole.

- (i) Locally, I am Chair of the UHS Local Consultants Negotiating Committee 15-19 representing the staff-side with the Trust, sitting on the UHS Consultants Committee 13-19.
- (ii) Nationally, I sit on the Executive Council of ENT UK 18-19, and the Otology Section at the RSM, 17-19. I am proud to be on the Council of the British Assoc of Paediatric Otolaryngology 11-19, Treasurer from 15-19 and also, a member of Working Party for The National Strategy for Paediatric ENT Surgery 18-19.
- (iii) I am very involved with Education locally and nationally, being the Undergrad lead for ENT at the Uni of Soton Med School 01-11, Lead Educational Supervisor for ENT junior trainees 14-18. I am on the faculty of a number of National Courses. I examine and am on the Board of the ENT Intercollegiate Part 3 Exam and organised the Part 3 exam in Southampton 2017.
- (iv)I am very involved in research, Hon Senior Lecturer at Uni of Soton, 12-19, with research projects at the Cochlear Implant Centre, supervising BSc and MSc projects. I have written a number of book chapters for major ENT reference books, and published articles in peer reviewed journals. I am on the Editorial Board for 1 and a reviewer for 2 International Journals.

Name: MIKE HUTTON

GMC/GDC Number: 4203429

Speciality: SURGERY

February 2016 to Current

National Spinal Lead, Clinically Led Quality & Efficiency Department and the 'Getting it Right First Time' Project.

I have personally visited 127 spinal units, having peer to peer discussions around comparative data sets, to drive quality and efficiency in England. My national report was published in January 2019. The 22 clinically endorsed recommendations could have a major beneficial impact on the lives of tens of thousands of patients a year and when implemented, are estimated to save the NHS 28 million pounds, which can be reinvested in frontline care.

March 2018 to Current

Clinical Ambassador South West England 'Getting it Right First Time' Project.

This role involves working with secondary care providers, specialist commissioners and STP's/CCGS to implement the recommendations for the region and locally made to providers by clinical leads GIRFT visits.

June 2014 to June 2016

Clinical Lead Spine Surgery Royal Devon & Exeter Hospital

Mar 2015 to Current

Audit & British Spine Registry Lead, British Association of Spine Surgeons

I have developed this national registry, which is now the world's third largest spinal registry with 133,000 patients' operative details recorded upon it. The registry is now being utilised internationally in other countries, including New Zealand and South Africa.

Name: KEITH JONES

GMC/GDC Number: 3585171

Speciality: SURGERY

I have been London Vascular Surgery TPD 2013-19, creating largest UK rotation. Led successful London Vascular training Lead provider bid. Guided 30 General Surgery Trainees with Vascular interest to CCT and 11 transfers from General Surgery Curriculum. Increased new trainee capacity by 3 a year and ensured 100% pass rate when undertaking FRCS Vasc. Oversaw creation of 10 academic lectureships / clinical fellowships and managed 17 return to practice years.

Elected to Vascular Surgery Specialty Advisory Committee in 2015 and appointed Deputy Chair in 2018. Am liaison member to Wales, a member of ISCP management board and Curriculum lead.

In 2016, elected to Vascular Society (VS) Council. Represent VS on JCIE Vascular examination board, am a part 2 question writer and examiner for inaugural FRCS Vasc. I have been faculty for the annual vascular NTN ASPIRE courses and I planned, developed and directed the ASPIRE 8 course. In 2018 I was elected Chair of VS Education and Training Committee.

Clinically continued to develop lower limb revascularisation/ diabetic foot pathways, maintained good NVR outcomes and low infection rate. Have set up a Multidisciplinary diabetic Foot clinic. I clinically mentored 2 colleagues through first year of Consultancy. On invitation, presented my Clinical work 3 times to Vascular Society ASM.

Name: ANASTASIOS KANATAS

GMC/GDC Number: 6100859

Speciality: SURGERY

I have been active as a regional specialist consultant surgeon, delivering a demonstrably high-quality clinical service in Yorkshire, I have worked for the Care Quality Commission (3 years) and have contributed to multiple national NHS inspections.

Nationally and internationally, in the last 10 years, I developed my educational work with multidisciplinary courses. I have been appointed chair (2014) of 2 international yearly microvascular courses (University of Munich/Bochum, 11 courses completed). My contribution to teaching has been recognised from the UK Higher Educational Academy, awarding me a 'Fellow' status and a full chair (Professor) from Leeds University. I am one of the team of 4, that trained 1,000 surgeons from 100 countries.

Since 2016, I have been appointed:

- Chairman engagement Committee and spokesperson of the British Association of Head and Neck Oncology, British Association of Oral and Maxillofacial Surgeon representative to the UK Cancer Services committee (deputy), Chair of the UK Head and neck cancer awareness week.
- Deputy Editor (5 years) of the British Journal of OMFS, taught (Faculty) on numerous national and international courses, presented at national and international conferences, collaborated in international research and published 204 papers, 14 chapters and edited 2 textbooks.

Name: CHARLES KNOWLES

GMC/GDC Number: 3585528

Speciality: SURGERY

- Continued to develop a clinical trial portfolio of new and existing therapies for chronic constipation and faecal incontinence. I am currently CI to 5 UK and European multicentre RCTs (4 NIHR-funded circa £3M). The outcome of a further HTA-funded RCT was published in *The Lancet* in 2015. I also co-lead a number of first-in-man (industry, MRC, Wellcome) studies of new therapies, e.g. autologous muscle cell transplantation (EU H2020 partner) and neuromodulation for incontinence.
- 2. Made consistent and internationally-recognised contributions to the field of anorectal and colonic physiology with special reference to performance and interpretation of clinical tests of motor and sensory function. This includes high impact diagnostic accuracy studies [e.g. *Gut* 2016] that have changed international disease classification [*Gastroenterology* 2016] and chairing of international working groups in this field [new diagnostic classification in *press*].
- 3. Pioneered use of 'warm' *ex-vivo* human tissues to bridge the translational gap between experimental animals and man. This work has attracted pharmaceutical investment and led to high impact publications e.g. [*J Neurosci* 2016; *Gut* 2018; *Gut epub* 2018].
- 4. Led the Barts pelvic floor and functional coloproctology services, to become a national exemplar MDT and first UK Pelvic Floor Society accredited unit.

Name: NICHOLAS LEES

GMC/GDC Number: 3582989

Speciality: SURGERY

- I achieve excellent outcomes for both common major surgical procedures, (Colorectal Cancer-0% 90-day mortality in the last 10 years) and highly specialist complex major surgery (complex fistulae+/-Intestinal Failure-2% 30-day mortality in the last 50 cases); my dedication to my patients' care being recognised by my nomination as "Public Servant of the Year" in Salford in 2019.
- I led a group of 17 international experts to describe the Care Standards required for High-Risk General Surgical Patients (2017-18). This guidance, produced for the Royal College of Surgeons of England and endorsed by 16 organisations, will inform care provision nationwide.
- I advised NHS England in the development of a Best Practice Tariff for patients undergoing emergency laparotomy (2017-19), drawing on my expertise as the Royal College of Surgeons' representative on the National Emergency Laparotomy Audit (2013-to date). This will embed key evidenced Care Standards nationwide.
- I have led the Transformation plans for General Surgery in Greater Manchester (Healthier Together) from 2012-to date; making the Case for Change, designing the Future Model of Care, communicating with the public, colleagues, politicians and the media during an extensive Public Consultation, advising Commissioners through Decision-making and providing Implementation Assurance.

Name: SIONG SENG LIAU

GMC/GDC Number: 6024484

Speciality: SURGERY

CLINICAL: As a full-time NHS surgeon leading the Anglian Network HPB SMDT, I deliver an outstanding service:

- a) Performed 179 HPB resections in 4 years; 0% mortality,
- b) I am proud that CUH HPB unit is top for safety in UK (ultra-low mortality, 0.5%),
- **c**) Raised the international profile of UK Surgery: first UK surgeon awarded the SSAT USA Fischer Fellowship & ASGBI Moynihan Fellowship to appraise international centres of excellence. Received patient donations for *exceptional* care.

RESEARCH: Successfully completed MRC-Ac Med Sci Clinician Scientist Fellowship (£1.2million) in 2017; the first such award to an HPB surgeon. HPB Surgical Oncology Lead at the Cambridge Pancreatic Cancer (PC) Centre & MRC Cancer Unit:

- a) Founded novel PC research platforms & biorepository,
- **b**) Integrated MDT trial recruitment. PI grants £1.346million. Mentored 3 award-winning trainees. 62 publications; cited in intl. guideline.

LEADERSHIP: As Finance Director of ASGBI, I oversee its finance:

- a) Drove industry strategy (£140K) to support education of UK surgeons,
- **b**) Set-up NIHR MedTech-ASGBI initiative to promote UK surgical innovations.

TRAINING:

Nat'l contributions:

- FRCS Examiner & organised 2 FRCS exams (240 candidates).
- Organising committee of ASGBI International Congress (800 delegates).
- Delivered 5 courses, 3 book chapters & 5 invited lectures.

Name: AJAY MALVIYA

GMC/GDC Number: 6055654

Speciality: SURGERY

Service development: Have developed Northumbria as the premier regional and national tertiary referral centre for young adult hip surgery. The numbers of complex hip surgery performed is at par with most famous international centres and the outcomes recorded in the national Non-Arthroplasty Hip Registry.

Quality improvement: Co-leading a national scaling-up project for Quality Improvement, where MSSA decolonisation and Anaemia screening programmes are being introduced at national level. 30 NHS trusts across the country are being trained in a trial to recruit 30,000 patients, with a potential cost saving to the NHS of approximately 6.3 million.

Research: Completed a PhD on the "Role of Hip arthroscopy in improving the outcomes and delaying THR" in July 2017 while continuing as a full time Consultant. Honorary Senior Clinical Lecturer with the Newcastle University and supervise higher research degrees; 34 papers on pubmed over the last five years.

Leadership: National lead for UK and Ireland annual In-training Examination for Orthopaedic trainees for the British Orthopaedic Association since 2013. Organise annual assessment (150 MCQs and EMQs) for 750 Orthopaedic trainees and now adopted by other countries like South Africa and Thailand. Developed a question bank of 14,000, which is an excellent educational resource for trainees.

Name: ANDREW MARSHALL

GMC/GDC Number: 4102645

Speciality: SURGERY

Leadership and managing a high-quality service:

National ENT Clinical Lead for the Getting it Right First Time (GIRFT) since 2015. Developed and delivered robust data analysis, personally visiting 125 Acute Trusts in England. Identifying potential notional savings by quality improvements of over £30 million. Author National report.

1 of 5 **Divisional Directors** in my Trust and am part of the senior management team running the Trust.

Providing a high-quality service:

Lead paediatric cochlear implant surgeon, driving an increase in day case paediatric cochlear implantation from **2% to 55%** in the last 5 years. Also increasing day case adult cochlear implant rates from **16% to 72%** in the same period.

Developing a high-quality service:

Developed and published a **new surgical technique** in bone anchored hearing aid surgery; reducing wound related complications and surgery time.

I have built a paediatric airway team to serve our tertiary population. Since 2014, I have recruited two Consultant colleagues. As a team, we have introduced balloon airway dilatation to avoid potential tracheostomies in neonates.

Research and Innovation:

Principal investigator in NIHR funded trial on cochlear implantation in single-sided deafness. Author of 8 peer reviewed publications and of 2 book chapters in ENT textbooks, in the last 5 years.

Name: ALEX MIRNEZAMI

GMC/GDC Number: 4212164

Speciality: SURGERY

CRUK Clinician Scientist now Group leader. Grant funding of >£3m awarded. Research spans *in vitro* to *in vivo* (personal & project licence holder) >50 publications in last 5 years. Current collaborator/co-applicant on grants awaiting review of >£2m.

>1,000 patients recruited to 2 NIHR studies, which I am CI. Local PI on 3 NIHR studies. TMG member of 2 NIHR studies. Chair IDMC for international CRUK trial. Oversight committee member for £3.5m CRUK/MRC/EME funded trial. Member of CRUK Clinical Expert Review Committee. NIHR Excellence in Research award runner up 2015.

Established, developed, expanded, and lead a tertiary referral Pelvic exenterative surgery service with only UK unit to publish a 0% mortality. Referrals from across Hampshire, Dorset, Wiltshire, Berkshire, and West Sussex covering population of 5 million.

Introduced Intraoperative Electron Beam Radiotherapy to UK - First unit to do so. Now personally operated on first rectal, endometrial, sarcoma, and bladder cancer in UK to have IOERT. Published practice changing study as lead with >480 citations.

Supervised 4 PhDs and 1 MD to completion in last 5 years, with 2 other PhDs and 1MD ongoing. Supervised 6 ACFs, and 2 Academic FY2s. 1 ACF supervised now applying for Clinician Scientist. Medical student educator and assessor for multiple years. Med School revalidation committee.

Name: DANIEL PERRY

GMC/GDC Number: 6071560

Speciality: SURGERY

Service Development

My work has been instrumental to change NICE guidelines; the trigger for guidance/cg124 with demonstrable improvements in outcomes; the basis for the 2015 NICE CKS Childhood Limp guideline; an advisor on the 2018 PHE NIPE Screening review.

Research

I am the first orthopaedic surgeon to be an NIHR Advanced Fellow, hold £7m of grants; £5m as Chief Investigator. My studies have taken child orthopaedic research from nothing, to a phenomenon at 144 UK hospitals. Since 2015, I won 'Outstanding Early Career Researcher', from Liverpool Uni, was 'Rising Star' finalist for NIHR and was nominated as 'Rising Star Alumni' at Toronto Uni. I am a Hunterian Professor from RCS (Eng).

Teaching:

I direct a fellowship programme that has attracted fellows/visitors from 6 continents. I lead a scientific methods course, which has become core in the postgraduate orthopaedic curriculum, and a leading children's orthopaedic course. Since 2015, I have lectured for almost every UK Deanery.

Leadership:

I have leadership roles in the British Orthopaedic Association, British Society for Children's Orthopaedics & NIHR. I have used these to form clinician-patient partnerships to identify clinical uncertainties, unlock funding and lead clinicians at 144 hospitals to deliver high-quality clinical audit/ research (many for the first time).

Name: THOMAS PINKNEY

GMC/GDC Number: 4704322

Speciality: SURGERY

Clinical research leadership: Through regional (CRN CRL & CRSL) and national (NIHR Surgery, RCS Trials Unit Director) roles, I am a leader in the development and delivery of portfolio research. I sit on the NIHR Health Technology Assessment (HTA) Board and the Research for Patient Benefit (RfPB) Panel. Recently appointed George Drexler & Royal College of Surgeons Professor of Surgical Trials.

National and international roles in Inflammatory Bowel Disease (IBD): I sit on the European guidelines committee (ECCO/ESCP); represent the UK on a pan-European IBD consortium; member of the IBD subcommittee of the ACPGBI and the Clinical Advisory Group for IBD surgery. These are policy-shaping roles.

NIHR grant successes: In the past 6 years, I have been awarded £4.35M as Chief Investigator on 5 major NIHR grants; I am also a named co-applicant on 13 other studies totalling a further £11.9M. One of my current multicentre RCTs is ROSSINI-2, the first multi-arm, multi-stage (MAMS) trial funded in surgery, and one of the largest interventional surgical trials at 6,681 pts.

Quality-assured tertiary IBD clinical practice, with excellent patient and peer feedback. Several new initiatives introduced to improve care for IBD patients. An international presence in colorectal and IBD surgery, from a clinical, managerial and research perspective.

Name: SHAUN PRESTON

GMC/GDC Number: 3487888

Speciality: SURGERY

Since my last award I have:

- been awarded a £732,328 Cancer Research UK (CRUK) grant. UK Chief Investigator -Neo-AEGIS Trial, a multi-centre randomised trial (RCT) in oesophageal and oesophago-gastric (OG) junction cancers. Recruited over 300 patients, with over half from the UK. As Principal Investigator for the OCCAMS trial, recruited 260 local patients. Published related to the above and on other independent projects.
- led and developed a unit that has delivered radical OG cancer surgery with excellent clinical outcomes, with nodal harvest far above, and resection margin involvement well below, the national averages from the National OG Cancer Audit.
- led, working with the team, to extend our established ERAS Standardised Clinical Pathway for Oesophagectomy to cover anaesthetic and critical care components. Then took our prehabilitation research programme into the local NHS service.
- 4. been invited and contributed to consensus statements on follow-up after gastrectomy and on standardisation of complications following gastrectomy. I have lectured extensively, operated live on complex cases in surgical conferences and was invited as 'Distinguished Invited Lecturer' by The Royal Australasian College of Surgeons in 2015.

Name: MANIRAM RAGBIR

GMC/GDC Number: 3645750

Speciality: SURGERY

I am the clinical lead for Sarcoma in one of the largest MDTs in the UK. I have an extremely busy Head and Neck Practice, delivering 200 operating lists per year which is 70 more than in my job plan. My high volume of Head and Neck Sarcomas have the best negative margin rate (87.7 %) in the world literature. My breast angiosarcoma negative margin rate is the best published series in the UK.

I am the first Plastic Surgeon to be appointed Chairman of the Head and Neck Training Interface Group. I oversee the selection process and training portfolios of the next generation of Head and Neck surgeons from Plastic Surgery, Otolaryngology and Maxillofacial Surgery.

As Chair of the Specialty Advisory Committee for Plastic Surgery, I am responsible for rewriting the Plastic Surgery Curriculum in line with GMC requirements and have moved National Selection from twice yearly to once a year bringing it in line with other specialties at a significant cost saving to the NHS.

I am the lead author for the UK guidelines in Head and Neck Reconstruction pioneering techniques such as the Medial Sural Artery Perforator flap and the first surgeon in the UK to perform Robotic free-flap surgery in this area. This has been recognised both Nationally and Internationally.

Name: MUHAMMAD RAHI

GMC/GDC Number: 4267164

Speciality: SURGERY

Since my last award in 2014:

- 1. I deliver very high-quality treatment to my patients in Regional Vascular Centre, which reflect in outstanding outcomes on annual National vascular database published in 2015, 2016, 2017 & 2018. Carotid stroke rate & mortality 0.5 % (Peers 2.6), (UK mean 2.1), Elective Aneurysm mortality, Open & EVAR 0% (Peers 3.5%), (UK mean 2.8%). Leg bypass mortality 1.6% (UK mean 2.6%).
- 2. As a Vascular Lead for Morecambe Bay Services, I established weekly one-stop clinics, started regular vascular MDT's, developed and implemented care pathways, developed in-patient referral system, pooling of theatre lists and clinics by embracing new ways of working. It helped in the development of flagship service, 5th largest in the country with improved patient care and good financial benefits.
- 3. Royal College of Surgeons of England educational activities are:
 - FRCS Oral writer & standard setter, 2015 till present
 - FRCS Examiner for General surgery, 2014 till present
 - College Assessor, Re-elected in 2015 till present
 - College Tutor for 12 years, (2004-2016)
 - MRCS Examiner, (2006 2012)
- My passion is teaching of MB ChB students & faculty tutor for College surgical courses. My on-going research is in Stroke, as investigator for ACST-2 International Trial & recent National oral presentation on 28.11.18

Name: ANDREW RENEHAN

GMC/GDC Number: 4180948

Speciality: SURGERY

50:50 clinical academic. In past 5 years:

Service

Core member of an NHS commissioned Highly Specialised Service for appendiceal tumours, & since 2013, for colorectal peritoneal metastases. I treat a sixth of cases. Year on year, operations have increased by 15% (184 in 2017) - we achieve the lowest complication rates in the world (grade 3 & 4 <12%).

Since 2009, I have led the peer-reviewed anal cancer (AC) MDT (self-assessment: 94%). Largest AC MDT in the UK and set standards of care (e.g. in national ACPGBI guidelines).

National level service

Since 2016, NICE Technology Appraisal.

Research

I lead 2 research teams:

- Obesity, diabetes & cancer research (x1 post-doctoral biostatistician; x1 research associate; x2 PhD students; 1x MD student; x1 Biology student). I established obesity as a cause of 13 cancer types; & is the second commonest cause of cancer, adapted by Cancer Research UK & NHS England.
- Anorectal cancer research (x1 research associate; x2 PhD students). This focuses on reducing morbidity & organ preservation. I demonstrated, for the first time, that avoidance of surgery in complete response rectal cancer after chemo-radiotherapy is safe.

Training

Since 2014, chair of the Manchester Cancer Research Centre (MCRC) fellowship, recruiting 4 to 5 clinical posts, and 7 to 8 non-clinical students per year.

Name: SARAH RICHARDS

GMC/GDC Number: 4406095

Speciality: SURGERY

Service Development

Emergency Surgical Ambulatory Care

- Highest ever bed savings in 2017/8 by increasing the number of patients seen.
- ESAC was short-listed in 3 different areas at the 2017 HSJ awards.
- The service was benchmarked as a national exemplar by the CQC, ECIP, BADS and GIRFT.

The Acute Biliary Service.

- Improved patient care and NICE compliance for patients with acute gallstone disease, by reducing times to definitive surgery and re-admission rates.

The Direct Admission Project

- Reducing the number of surgical patients seen in ED and supporting 4-hour compliance.

College, National and International Speaking Engagements

Invited speaker at Annual Scientific meetings of BADS, ASGBI and at the RCS of Ireland, England and Scotland and SW Clinical Senate

DoH/National Work

National Clinical Lead for the UK implementation on Surgical AEC/ESAC and I have supported numerous Trusts throughout the country with site visits, written guidance and workshops.

Teaching

Awarded Trainer of the Year - Severn School of Surgery 2016

New F1 teaching in ESAC which was awarded "excellent" by the Quality Panel in all areas.

Fifth Year Student Surgical Tutor until 2017 - University of Bristol

Educational Supervisor - 3 F1s, 1 CT, 2 nursing staff undertaking degree/MSc courses in Advance Practice and one scrub practitioner

Name: BRIGITTE SCAMMELL

GMC/GDC Number: 2566294

Speciality: SURGERY

As a clinical academic, I work at local, regional and national levels to provide the best care to patients; lead research/audit; and support staff/students to succeed. Silver award was not renewed in 2018 by 0.5 points, thus applying for a bronze award.

Achievements in last 5 years include:

RESEARCH: 10 NIHR etc grants (3 as PI >£2.6M). Co-I of Arthritis Research UK Centres of Excellence in Pain (renewed 2015) & Sport, Exercise and Osteoarthritis (renewed 2018), Biomedical Research Centre (2017-) and NIHR HTA grants (>£10M). 33 publications; 11 completed and 8 current PhDs.

CLINICAL: Lead orthopaedic surgeon for diabetic/infected bone foot problems taking >80% workload in Trust. 2017, new fast-track outpatient bone biopsy service for suspected bone infection; outcome >80% avoid admission. Also safely reduced length of stay.

TEACHING: Admissions Sub-dean for Nottingham Med School 2010-16. Facilitated new 6 year widening participation course; improved admission validity through multiple mini interviews; >5,000 interviews. Active member of SAC for Trauma & Orthopaedics (2014-), contributing to new guidelines.

LEADERSHIP: Head of Division, School of Medicine (2017-), 80 staff, 35 PhD and 40 MSc students. Managing change: doubling of UG teaching, contributing to Uni TEF Gold award. Set up Centre Evidence Based Hand Surgery 2015.

Name: PRASANNA SOORIAKUMARAN

GMC/GDC Number: 4645940

Speciality: SURGERY

Highly motivated, patient-centred Consultant Urologist with an international reputation in prostate cancer care. Enthusiastic about helping men with prostate cancer, as evidenced by Vice-Chancellor's Alumni Achievement Award 2018 (Uni. of Surrey) for outstanding contributions in the fields of science & medicine. Achievements include:

- Running a world-first & globally penetrating randomised clinical trial in the UK & abroad, to test the role of surgery in men with early, lethal prostate cancer. This is likely to revolutionise the treatment of advanced prostate cancer worldwide.
- Advancing global practice of robotic prostatectomy with over 200 publications in highimpact journals, books & book chapters. I am a UK leader in the early adoption, development & global dissemination of a novel surgical technique for robotic prostatectomy, the Retzius-sparing method, which has revolutionised early continence recovery in men after prostate cancer surgery (up from 30% to 90%).
- Leading on the analysis & publication of outcomes of radical prostatectomy in highrisk prostate cancer patients for the British Association of Urological Surgeons (BAUS) national audit.
- Developing the FRCS Urology exam for urology trainees prior to accreditation as consultants, with specific contributions on statistics, medical ethics/law & prostate cancer.

Name: STEVEN STAMENKOVIC

GMC/GDC Number: 3668393

Speciality: SURGERY

- Pioneered robotic thoracic surgery (RATS) in the UK 2013 and done the most RATS in the UK/Ireland (UK/I). International expert in this field especially training, safe governance and lung-preserving cancer surgery (segmentectomy). Director of Robotic service at Freeman and Barts. Trained surgeons in UK/I result is 30% of units started a RATS program and RATS is included in Lung cancer clinical outcomes project (LCCOP), Get it right first time (GIRFT) and UK workforce reports. Led RATS at Royal College of Surgeons (RCS) and for NHS England (NHSE) and hold key positions in Europe.
- Excellent RATS clinical outcomes for mortality, length of stay, complication and conversion rates (cf international). In 2018, 80% operations minimally-invasive (UK median 37% 2014), 90% increase segmentectomy.
- Training Program Director and Chair of Regional Training committee, North East
 (NE). Have helped 100 consultants/senior trainees take up VATS and Robotic
 surgery in the UK/I/Europe, 7 trainees becoming consultants. Teaching, training,
 assessing, mentoring 2-3 hours per week. Advising trainees, instigated different
 workforce models to maximise their training opportunities, piloted new training posts.
- Principle investigator (PI) London for the only UK RATS research (ROSE). Recruited and supervised the first UK clinical robotic thoracic research fellow.

Name: GRANT STEWART

GMC/GDC Number: 4699066

Speciality: SURGERY

- 1. Surgical Oncology Lead at University of Cambridge; mentored promising surgical academics to clinician scientist posts and leading cross specialty translational research. As Cambridge Renal Cancer Collaborative Lead, I deliver multiple projects with over 40 colleagues across Cambridge, resulting in high impact publications in *Cell, Science, Nature, Cancer Discovery* and *Science Translational Medicine*. Over last 5 years awarded £40 million research funding. Awarded Syme Medal by Royal College of Surgeons of Edinburgh for contribution to research (2016).
- 2. UK lead for renal cell cancer (RCC) surgery trials, engaged a cadre of new investigators in RCC surgery trials and led development of clinical trial options for all stages of RCC. Member of NCRI UK surgical taskforce reinvigorating surgical trials.
- Renal Cancer Lead of 3rd largest unit in UK, I established high quality robotic renal surgery and am one of the UK's leading robotic kidney cancer surgeons (4th highest volume in UK).
 Developed nurse-led service and follow-up clinics, saving 450 consultant clinic appointments per year.
- 4. Programme Director of the Royal College of Surgeons of Edinburgh Urology ChM, having been instrumental in developing and establishing this 2014 Queen's Anniversary Prize winning distance learning Masters programme, which teaches urologists from across the globe.

Name: STUART WINTER

GMC/GDC Number: 4405245

Speciality: SURGERY

I am able to show that the service delivered if of a high standard with internal data, national audits and external appraisal, including personal surgical credentialing and unit measures set against NICE guidelines and peer review for a TIG HN fellow. I have developed a number of improvements for the service including, a tracheostomy clinic and am engaged with 2020 to develop my idea of a one-stop HN clinic and pathway improvements.

I have been an invited advisor to 2 NICE guidelines, Scottish Healthcare and NHS England. I am an elected member of ENT-UK Head and Neck Council, The council for the British Association of Head and Neck Oncologists. As HN lead I have worked to improve pathway performance and can demonstrate an improvement in 62d treated percentage.

I have supported the development of research in OUH. I have increased the number of trials available to my patients. I have worked to create a collaborative national network for the betterment of patients with head and neck cancer. Working in my own time I have successfully received national funding (250k) for a trial following neck dissection. I am also a co-applicant on funded MRC trials. I have supervised 2 candidates to higher degrees.

I am an invited speaker on a number of national and international teaching faculties. I have published 3 books and 4 book chapters.

Name: ANTONY YOUNG

GMC/GDC Number: 4106041

Speciality: SURGERY

I have continued to develop the endourology service at Southend, creating a specialist stone service. Newly introduced procedures include local anaesthetic/day case ureteroscopy, day case laser prostate surgery & Urolift procedures. I have audited & published both our laser prostate results & a systematic review of the learning curve. Our results match/exceed national standards.

At the new Anglia Ruskin Medical School, I lead the development of an entrepreneurial training scheme for medical students & clinicians.

In September 2014, I was appointed as National Clinical Director (NCD) for Innovation at NHS England (NHSE). My responsibilities include advising NHSE, wider government, academia, industry & foreign governments on innovation in healthcare/policy development. I also act as a national champion for innovation, address the variation in uptake agenda and promote economic growth in Life Sciences. In 2016, I founded the NHS Clinical Entrepreneur programme, it has become the world's largest entrepreneurial training programme in healthcare.

Jan 2017, appointed as Innovation Lead to my local STP. Here I am applying the experience, knowledge and networks gained from my national role to help transform and modernise care pathways across the STP. I was awarded an OBE for services to clinical leadership in the 2019 New Year's Honours.

Name: JOSEPH ZACHARIAS

GMC/GDC Number: 4366135

Speciality: SURGERY

I introduced endoscopic conduit harvesting for coronary artery surgery into the Trust and offer it to more than 90% of my patients. Apart from its excellent cosmetic benefits, it reduces leg wound pain and infection, improved the patient pathway in more than 1,000 patients over the past 11 years, with no reduction in long-term survival.

I have led the move to minimally invasive endoscopic cardiac valve surgery in my Trust and have the largest experience of complex minimally invasive mitral and aortic surgery in the country. We have audited our results and published the reduction in hospital stay of one day compared to open surgery.

As Head of Department, I initiated and jointly led the development of same day admission for cardiac surgery to 80% of our patients and have been able to demonstrate reduced length of stay benefits both to patients and the Trust benefited by closing 4 ward beds. The GIRFT report highlighted this as exemplar practice.

As a passionate teacher, I have taught medical students, junior doctors and consultant colleagues in my Trust and across the UK. I assist surgeons to start minimally invasive cardiac surgery programs and attracted industry funding for the first minimal access fellowship in the UK. I am chairman of a national society for the safe adoption of minimally invasive cardiac surgery across UK.

Name: LUDVIC ZRINZO

GMC/GDC Number: 5205507

Speciality: SURGERY

1. Clinical activity

- I lead the UK's largest Deep Brain Stimulation (DBS) service
- Unparalleled safety record (no mortality since 2002)
- Increased procedures & satisfactory outcomes after introducing multidisciplinary care for facial pain (2013) & hemifacial spasm (2017)

2. New procedures introduced led to

- a. High impact papers
 - DBS in obsessive compulsive disorder (OCD): Biol Psych. Jan 2019
 - DBS in Parkinson's disease (PD) dementia: JAMA Neurol. Feb 2018
- b. Good results/no serious adverse effects in
 - Stereotactic Ablation for Mental Disorders (Depression & OCD)
 - Sphenopalatine ganglion stimulation & MVD in SUNCT
 - · Gene therapy trial in PD

3. Teaching

- ".. a magnificent teacher ... highly sought after to give lectures" (Canadian Professor)
- Organiser of the European Society for Stereotactic & Functional Neurosurgery (SFN) meeting; >850 delegates, Sep 2018
- Speaker invitations from Boston (Harvard), New Orleans, Denver, Tokyo, Freiburg, Paris, Frankfurt, Malta (since Jan 2018)

4. Academic work

- peer-reviewed publications since Jan 2018 (Scopus h-index 39; >4400 citations)
- Active grants of £400k
- Promoted to UCL Professor of Neurosurgery; "In terms of academic productivity, ranks amongst the very top in functional neurosurgery in Europe and indeed in the world" (past-President of World Society of SFN)

Name: CHRISTINE BURREN

GMC/GDC Number: 4414667

Speciality: PAEDIATRICS

- Both volume and intensity of my clinical input to highly complex patients exceed DCC allocation. My expertise and passion to deliver exemplary care for children with rare bone disease has developed several enthusiastic MDTs. I led and secured NHSE Commissioning (£1m pa) for Bristol's Complex Osteogenesis Imperfecta Service (2011), increased our cohort to 270% and enlarged the referral footprint to Wales. In 2018, I received a Health Excellence Award at the Houses of Parliament for excellent patient and NHSE feedback.
- In 2017, I successfully led and secured recognition of Bristol as Centre of Excellence in the European Reference Network for Rare Bone Disorders. Achieving this international recognition paves the way for future service development and research.
- In my national leadership role as Hon Sec of British Paediatric and Adolescent Bone Group (2015-18), I improved collaboration; my UK colleagues highly praised my work for structure and efficiency.
- Although a busy clinician, I lead key research unremunerated in my job plan: currently
 I am CI for a UK trial, PI for 6 multicentre trials (top UK and 4th global recruitment), I
 review grants (incl NIHR), journal manuscripts and conference abstracts. In the last 5
 years, I published 14 peer-reviewed articles, 54 abstracts and gave numerous invited
 national/international lectures.

ACCEA BRONZE AWARD 2019 Wales

Name: JUDITH HALL

GMC/GDC Number: 3344073

Speciality: ANAESTHETICS

Clinical Research

Attracted over £7.5 M to UK Health Research Economy in 5 years in critical areas: sepsis, prudent health, disruptive innovation, blood loss.

Leadership in Council Member Royal College of Anaesthetists since 2017:

- Anaesthesia Clinical Services Accreditation offering rigorous quality improvement through peer review. 94 UK hospitals now accredited.
- National Institute of Academic Anaesthesia RCOA founding partner & both board & council representative influencing policy formation and developing future priority plan.
- Health Services Research Council Patient focussed clinically relevant research & audit including highly influential National Anaesthesia Projects.
- Global Health developed first postgraduate Anaesthesia course in Namibia, delivering high quality UK-style training.

National Policy

Since 2014 Chair Care Inspectorate Wales National Advisory. As an NHS doctor my focus is patient/care voice & integration of health & care. Instrumental in development of Regulation and Inspection of Social Care (Wales) Act 2016 through thematic reports. Major consultative contributions to Social Services and Well-Being (Wales) Act which came into being 2016 and Strategic Plan 2017-20.

Cardiff University Phoenix Project

Innovative Common Health Education Learning Platform NHS & Namibia.

All roles unpaid.

Name: GWYNETH DAVIES

GMC/GDC Number: 4339618

Speciality: MEDICINE

Teaching & Training

I lead the UK Postgraduate Training Programme for Asthma Researchers, receiving outstanding feedback for training innovation and my own teaching on Medicine and related courses. I led Wales Respiratory Registrar Training week and was awarded an Academic Foundation Training rotation. I have supervised several PhD and MD students.

Service development

I have developed a Severe Asthma service, with a new diagnostics and biologics service and a Respiratory Allergy clinic. I have significantly improved patient education, safety and cost-effectiveness by developing optimal care pathways. Patient and peer feedback is excellent. I was a founding member of the Welsh Difficult Asthma Group.

Research

I am a leader in asthma informatics and genomics, co-authoring a landmark epigenomics publication in Nature. As founding Director of the Wales Asthma Observatory, I have several high impact publications relating to asthma burden and electronic health records. I have won externally peer-reviewed grants worth over £8.3 million over the last 5 years and have been promoted to Professor.

Leadership

I am Clinical Deputy Head of Swansea University Medical School and lead a UK Postgraduate Training Programme. I co-lead a UK programme on Reducing asthma admissions and deaths and have been Wales Specialty Respiratory lead for NIHR.

Name: MARK TAUBERT

GMC/GDC Number: 4708319

Speciality: MEDICINE

1) Recognition of international End of Life Advance Care Planning work:

- European Association for Palliative Care Researcher of the Year: Winner 2019. Prize ceremony at World Congress 2019 in Berlin.
- Royal College of Physicians: Finalist for Patient Excellence award 2017. I produced Do Not Attempt Resuscitation info videos for the public. The videos & website were made with patients.
- 2018 appointed National Strategic Director for Advance Care Planning in Wales.

2) Recognition of my contribution to teaching:

- Winner 2016 BEST Educational Supervisor in Wales.
- Winner of 2017 national BMJ/BMA 'Clinical Teacher of the Year' award. Nominated by trainees.
- NHS Wales Awards: Winner best Quality Improvement project in healthcare.
- Awarded Fellowship of RCP & RCGP 17/18.

3) Recognition of media work:

- 2019 BBC Horizon: 'We Need to Talk about Death': In which I talk to my patients about our approach to illness.
- A Guardian article I wrote on resuscitation in palliative care was shared 100,000 times. See: gu.com/p/4g5pv/stw
- My letter to David Bowie about end of life care has been accessed millions of times. In it, I discuss essentials of end of life care.
- Publicly read by Benedict Cumberbatch & Jarvis Cocker.
- My Washington Post article about music bringing meaning in the last days attracted tens of thousands of comments.

Name: STEVEN KNAPPER

GMC/GDC Number: 4330499

Speciality: PATHOLOGY

- Clinical: I lead the largest acute myeloid leukaemia (AML) service in Wales. I have
 established a large tertiary service for patients with complex myeloproliferative
 neoplasms (MPN). As a key UK opinion leader in myeloid cancers, I co-wrote British
 Committee for Standards in Haematology Guidelines on myelofibrosis, eosinophilia
 and polycythaemia and acted as expert adviser on NICE appraisals of Mylotarg,
 Midostaurin and CPX351 in AML.
- Trials: Active member of UK NCRI AML and MPN Clinical Study Groups and co-chief investigator of AML18 (>90 UK sites). Early-phase trials lead of Wales Cancer Research Centre and Bloodwise Trials Acceleration Programme. Principal investigator of 14 early-phase studies, offering new therapies to cancer patients with limited treatment options.
- Research: Main interest is taking targeted cancer drugs from lab to clinic. Led clinical
 investigation of the FLT3 inhibitor lestaurtinib in UK AML15/17 trials (Blood 2017) and
 took tefinostat from lab evaluation into MONOCLE, a UK phase 2 study in chronic
 myelomonocytic leukaemia as chief investigator. External grant income of >£2.1m
 since 2014, with over 40 peer-reviewed publications.
- Education: Lead Cardiff University undergraduate haematology teaching in innovative C21 Curriculum; co-ordinate placements for >200 students/year with consistently excellent feedback.

Name: DEAN BOYCE

GMC/GDC Number: 3475463

Speciality: SURGERY

- I am an Elected Council Member of two separate National Speciality Organisations:
 The British Association of Plastic, Reconstructive and Aesthetic Surgeons (BAPRAS)

 (2013-), and the British Society for Surgery of the Hand (BSSH) (2015-). Elected
 Chair of Education & Training for UK Plastic Surgery 2017. Elected Treasurer for
 BSSH 2020-.
- I have been seconded to the UK Hand Surgery Training Interface Group (JCST/RCS)
 and elected as Selection Lead to update the standards for both training units and
 candidates for these prestigious national training posts.
- I have established 2 Supra-specialist services for the population of South Wales:
 - 1) The Welsh Peripheral Nerve Surgery Unit for the treatment of complex peripheral nerve injuries, including those of the brachial plexus.
 - 2) A Multidisciplinary Centre of Excellence for the treatment of upper-limb cerebral palsy (CP) sufferers in Wales.
- I have been Clinical Lead for Plastic Surgery in Wales since 2015. I have optimised plastic surgery provision in Wales, by maximising day surgery opportunity and concentrating on the quality of preoperative assessment. Our day of surgery cancellation rates and theatre utilisation are the best in the Health Board. I will further transform patient experience by securing funds to build a 2 theatre Plastic Surgery Day Treatment Centre.

Name: NAGAPPAN KUMAR

GMC/GDC Number: 4403762

Speciality: SURGERY

- I established the only liver surgical unit in Wales. We perform over 200 complex procedures including major liver resections a year and have become one of the major HPB units in the UK participating in national and international clinical trials. My trainee was the first in Wales to be accredited in HPB Surgery in 2013.
- I developed pioneering liver surgical techniques (parenchymal preserving liver resections, mini-Associating Liver Partition and Portal vein Ligation in staged hepatectomies-mini-ALPPS). These techniques allow liver resections in patients who would not have been offered surgery before. My Cardiff protocol has improved outcomes in liver trauma patients.
- I was one of the principal architects in the design and delivery of the new C21 curriculum of Cardiff University to the students at Cardiff. We had excellent feedback from students. I designed and run the Recognition and Management of Acutely unwell surgical Patient (ReMAP) course for final year medical students since 2012 and is now part of Cardiff University curriculum. I am an examiner for intercollegiate MRCS (UK and overseas) and FRCS (General and HPB Surgery). I have led the standard setting group for FRCS exam.
- I started a program to reduce venous thrombo-embolism (VTE) in surgical patients that has eliminated this as a problem in Cardiff.

Name: KRISHNA NARAHARI

GMC/GDC Number: 6064159

Speciality: SURGERY

National-UK

- Awarded BAUS (British Association of Urological Surgeons) national award for outstanding consultant performance - Jun14
- Elected Secretary of BAUS Section of Oncology Nov18
- RCS Ed nominated oncology lead for FRCS Urol written exam
- National Prostate Cancer (PCa) Clinical Audit lead for BAUS
- Developed Best Practice guidelines in collaboration with BAUS & PCaUK
- Teach twice yearly on FRCS Urol course & Cadaveric Anatomy course
- Welsh Govt nominated senior advisor to HQIP (Healthcare Quality Improvement Partnership) during NPCA (National PCa Audit) commissioning

National-Wales

- Personally led introduction and development of complex minimally invasive prostate and kidney cancer surgery 2013-19
- Directly worked with NHS procurement leading to savings of over £50K Mar14
- Led and developed guidelines for Oncologists to treat urinary problems after radiotherapy (Jan14)
- Clinical Audit Lead for PCa in South Wales 12 peer-reviewed presentations in national and international meetings 2013-19.

Local

- Provide a high-quality patient focussed service for urological conditions, (based on published audit data)
- Developing an innovative software app (funded by Welsh Govt grant) to record PROMs
- Clinical and governance lead for robotic surgery
- Awarded Health Hero Award for exceptional patient care by C&VUHB (May 16)

Name: DAVID SCOTT-COOMBES

GMC/GDC Number: 3079960

Speciality: SURGERY

- 1. I am a full-time practicing surgeon, delivering a comprehensive endocrine surgical clinical service for Cardiff and Wales with excellent outcomes that meet UK standards and match best practice in the world literature.
- 2. Over and above my clinical duties, I have committed myself to promote and improve the practice of endocrine surgery in the NHS and Europe, by contributing to educational meetings, lecturing, writing chapters, demonstrating operative technique, presenting /publishing clinical papers, examining and working as a member of executive committees of British and European endocrine surgical societies.
- 3. Building on previous successes as audit lead for the British Association of Endocrine and Thyroid Surgeons and a major collaborator in the EUROCRINE project, I continue to champion the importance of surgeons knowing their own outcomes and the requirement for audit. I lead by example and have been invited to international meetings to highlight awareness and disseminate best-practice and I have contributed to national and international guidelines on endocrine surgery.
- 4. I am a leader in the field of endocrine surgery and have been elected by my peers to be the first UK President of the European Society of Endocrine Surgeons [2018]. I am past-President of British Association of Endocrine and Thyroid Surgeons [2013-2015].

Name: IQBAL SHERGILL

GMC/GDC Number: 4422703

Speciality: SURGERY

Service

I have introduced 6 new & innovative service developments (NICE guidance approved) to modernise urology practice in North Wales. As a result, referrals are now received from NHS Wales & North West England. I have facilitated a Prostate Cancer Patient Support group, helping local men share their cancer experiences.

Research & Publications

I have published 94 peer-reviewed papers, edited 6 teaching textbooks & written 12 book chapters, with numerous national/international presentations. I am Clinical Director of new North Wales Clinical Research Centre, with an active urological research programme, including Principal Investigator of several multi-centre UK trials. I have introduced new Masters research degrees, & currently supervise 3 PhD students, 3 Academic FY doctors & 3 Masters students.

Leadership

As Clinical Lead (Wrexham Urology), have led development of expertise in Complex Stone & new Minimally Invasive Prostate therapies. I am the first Urologist to perform new day-case prostate surgeries in NHS Wales & I am national Mentor for laser surgery.

Teaching

I have organised several national & international urology teaching courses. As Honorary Senior Lecturer in several Universities, I have taught medical/nursing students & am Supervisor for Advanced Nurse practitioners, performing invasive urological diagnostics.

Name: SIMON GREGORY

GMC/GDC Number: 3468782

Speciality: ACADEMIC GP

As a regional and national leader of education and training, I provide exceptional service worthy of a silver award.

- Led national reform of GP recruitment, through 25 radical initiatives increasing flexibility whilst
 maintaining standards; increased recruitment to record levels four years in a row, increasing
 acceptances from 2,700 to 3,473p.a. Overseen 3 major reports on Primary Care Workforce,
 Primary Care in Medical Schools and the GP Nursing Workforce 2014-19.
- Chair of UK Medical and Dental Recruitment Programme Board including successful introduction of ORIEL national electronic application portal and management system, in the context of the failure of its predecessor, MTAS 2012-19.
- 3. Ensured excellence in the delivery and quality management of education, training and innovation. Was recognised as a national leader for quality of care and for supporting learners. GMC review highlighted proactive support of "educational innovation and academic excellence" and improved quality of care, through high quality education and training and effective quality assurance 2012-19.
- Conceived and was clinical director of the NHS Staff and Learner Mental Wellbeing Commission, addressing distress and suicides. Report launched by Secretary of State and now included in the workforce implementation of the NHS Long Term Plan.

Name: CHRISTIAN MALLEN

GMC/GDC Number: 4529167

Speciality: ACADEMIC GP

As an academic general practitioner, I am committed to improving patient care, through excellence in clinical practice, research and education.

- I am Director of the Keele University Institute for Primary Care and Health Sciences, the world leading primary care musculoskeletal research group with more than 120 academic staff, an accredited clinical trials unit and >£35 million in grant income since my last award.
- External recognition through the award of a National Institute for Health Research
 (NIHR) Research Professorship (2014-19), Fellowship of the Faculty of Public Health
 (2017), Founding Fellowship of the Faculty of Clinical Informatics (2017) & Honorary
 Professor posts (Birmingham, Malaysia, Singapore). I have published >120 papers &
 secured grants >£39M (£11.7M as lead) since my last award.
- Influencing clinical practice My research has contributed to improving care for patients with musculoskeletal and rheumatic diseases, (leading causes of disability worldwide), through my contribution to national & international clinical guidelines, patient & professional education.
- I have developing significant academic capacity I lead the Wellcome Trust PhD
 Programme for Primary Care, (which will support 20 GPs to gain PhDs) & the NIHR
 School for Primary Care Research multi-disciplinary capacity building programme
 (216 trainees).

Name: DANIELE BRYDEN

GMC/GDC Number: 3477544

Speciality: ANAESTHETICS

- Clinical Care: I work fully flexibly in one of the largest UK critical care units (42 beds), at 2 sites with consistently better than predicted survival (SMR 0.63-0.9) and high workload: 90%+ bed occupancy, 240 admissions/ month. CQC rated overall outstanding (2015, 2018) with a strong culture of patient safety/patient focused services. As Clinical Lead I led and developed this.
- Medical Leadership: sustained, effective and high quality. Locally, I expanded consultant posts by 25% to strengthen 7-day services. Nationally as lead Regional Advisor (2015-17), elected FICM Board member (2016-), Chair FICM Careers, Recruitment & Workforce Committee (2017). Created female workforce strategy, expanded medical training places from 80-165, 90% recruitment, direct national workforce strategy.
- Education: national Royal College of Surgeons (RCS) Critical Care Tutor (6 years): developed 2 UK patient safety courses for junior surgeons, (attended by all UK surgical trainees), expanded critical care teaching to 5 new countries. Best rated RCS course (2015).
- Legal: Wrote the 'significant' legal intervention to the Court of Appeal (cited by Arden LJ, 2015, Ferreira). This improved and clarified the legal position of Deprivation of Liberty Safeguards for patients, applying to every ICU in England and Wales, reducing workload and family distress.

Name: SUNEETHA RAMANI MOONESINGHE

GMC/GDC Number: 4426965

Speciality: ANAESTHETICS

RESEARCH

From an NHS post, I was appointed substantive Professor & Head of Centre for Perioperative Medicine at UCL (started Aug '18).

Chief investigator (CI) on studies accruing >48,000 participants to NIHR portfolio since '16: largest single contribution by a CI for Anaesthesia, Perioperative Medicine & Pain.

My research has been featured in lay & medical press, is driving service changes & improvements in mortality, morbidity & length of stay in major surgery.

LEADERSHIP

Lead Health Services Research Centre at the Royal College of Anaesthetists, which runs several national programmes recruiting patients in 100% UK NHS hospitals.

NHS England associate National Clinical Director for elective care, supporting implementation of perioperative medicine as national policy.

2 months after appointment at UCL, promoted to Head of Dept (unremunerated): now responsible for line management of 35 academic staff & supporting >100 honoraries, 56 doctoral students & the building & estates management of a large dept at one of the world's leading universities.

EDUCATION

Supervise 13 doctoral students & delivered >100 national/international lectures in 5 yrs.

RECOGNITION

Awarded FRCP ('18) & RCoA Macintosh Professorship ('18), featured in RCP "Women in Medicine - a celebration" exhibition ('18) & profiled in the BMJ and Lancet ('19).

Name: DAVID MURRAY

GMC/GDC Number: 4014490

Speciality: ANAESTHETICS

Emergency Surgery

I am national chair (national clinical lead 2012-17) of the National Emergency Laparotomy Audit (NELA). I have successfully engaged clinicians & raised awareness of standards of care for these high-risk patients. I lead a Project Team that has delivered improvements in standards of care received by patients, such as risk assessment & consultant delivered care, with improved mortality nationally.

Research

As a consultant with minimal academic time, I am delivering **national multicentre clinical trials with >£2m funding**, investigating delivery of care for patients having emergency surgery, **identified as a priority area by patients & clinicians**. The collaboration with NELA is a unique partnership between research & audit in delivering Efficient Trial Designs. I coordinate a NELA research fellows programme with 20+ projects in progress.

Human Factors (HF)

I champion the benefits of HF in improving quality & safety. I built a multidisciplinary faculty across 20+ organisations in the North East. In 2014, I established an innovative Postgrad Certificate (PgC) in Advancing Human Factors in Healthcare, increasing expertise in the NHS.

High Quality Clinical Care

I provide anaesthesia for a high-quality colorectal surgery service, with better than average patient outcomes & length of stay in top quartile for last 5 years.

Name: ROSALIND EELES

GMC/GDC Number: 2948885

Speciality: CLINICAL ONCOLOGY

National/International Policy Development

- International reputation in Cancer Genetics.
- Genomics Champion for Royal College of Radiologists (Clinical Oncology 2018-).
- Invited advisor to St Gallen international prostate cancer (PrCa) consensus meeting 2017.
- Member of PrCa Genomics England Clinical Interpretation Partnership to implement genomic medicine into PrCa care.
- Biomedical Research Centre Lead (2017-) for PrCa theme Royal Marsden and Institute of Cancer Research (ICR).

Research excellence

- Vice Chair of Science Committee for Cancer Research UK (2018-).
- 480 original papers; many in high impact journals.
- Discovered more genetic variants than any other group (75% of >170 known) associated with PrCa risk.
- 201 Lectures (32 in the last 5 yrs) internationally.
- Leads 5 international consortia gathering genetic data on >200,000 samples.

Genetics Education

- Founded MSc cancer module in Genomic Medicine endorsed by Health Education England (HEE). HEE refunded this MSc in 2019.
- Educated >200 students in Cancer Genomics since 2015 to integrate genomic medicine into NHS.

Impact on improvements in healthcare & data sharing

- Caldicott Guardian for ICR.
- On Information Governance Committee.
- Developed data sharing agreement for >190 groups worldwide to share >100,000 samples' data under GDPR rules to improve PrCa care.

Name: KEVIN HARRINGTON

GMC/GDC Number: 3297504

Speciality: CLINICAL ONCOLOGY

- I lead high quality care for head and neck cancer (HNC) patients from London, national and international referrals. Radiotherapy (RT) and chemotherapy services I provide are ISO9001 accredited and rated "excellent" by CQC (2017).
- I led ICR's bid to develop MR-guided RT (£10.1M MRC Grant) and sit on MR-Linac Global Steering Committee. I chair the CRUK ART-NET Network, leading UK-wide research in MR-Linac, Proton Beam and Stereotactic Body RT. I hold a CRUK programme grant in RT in HNC. These activities ensure NHS patients across the UK can access state-of-the-art RT techniques.
- 3. I am a global leader in new therapies in HNC. I receive patient referrals from the whole UK for relapsed HNC and melanoma. I have been Global Chief and UK Principal Investigator (PI) for phase I, II and III trials of novel biologics that led to FDA/EMA approvals (T-VEC, nivolumab, pembrolizumab). I am UK PI for >20 accrued/ongoing studies, involving oncolytic viruses, checkpoint inhibitors and agonists, serving a national referral base.
- 4. I am PI or co-investigator on grant funding exceeding £35M. I have published >495 papers listed on PubMed (141 since 2014) and 51 book chapters. My H index is 72. Since 2018, I served on guideline committees defining gold-standards for: nasopharynx cancer; immunotherapy in relapsed HNC; head and neck mucosal melanoma.

Name: CHRISTOPHER DEERY

GMC/GDC Number: D 58865

Speciality: DENTAL

I aim for excellence in my service delivery, leadership, administration, research and teaching.

Dean, School of Clinical Dentistry, University of Sheffield renewed 2019. I lead a multidisciplinary team of staff delivering world class care, research and teaching. Including regular dialogue with Clinical Director to deliver a safe and efficient service. In the 2018 National Student Survey, the School had **100% overall student satisfaction**, across its BDS and Dental Hygiene & Therapy programmes, placing it first in the UK.

Clinically, I continue to provide complex secondary and tertiary paediatric dental care to the children of S Yorkshire & beyond, we receive 5k new referrals annually.

Research income of £8 million, £4,299,271 since last award. Including Chief Investigator on MAGIC (NIHR HTA portfolio study) and lead supervisor on a prestigious NIHR Doctoral Research Fellowship. 42 publications in last 5 yrs, 32 in peer reviewed journals -18 since 2016.

Nationally, my leadership roles include **elected Chair of Dental Schools Council** by other Heads of School (2017), leading on innovation and development of the future dental workforce, as well as promoting research. Also elected by my fellow consultants **Chair of the Consultants in Paediatric Dentistry Group** (2016), working as an advocate for improved child dental health Nationally.

Name: SIMON LITTLEWOOD

GMC/GDC Number: D 66963

Speciality: DENTAL

Senior leadership. Chair of Intercollegiate Fellowship Exam (2018-ongoing), Elected Board Member Faculty of Dental Surgery (2014-ongoing), National Director of Professional Development British Orthodontic Society (2014-5) & Exhibition Chair of International Conference (2015).

Clinical excellence. Outstanding outcomes shown by validated personal treatment data & excellent patient feedback. Chaired committee to produce successful national guidelines on orthodontic therapy supervision. As Specialty Lead in Orthodontics, I continue to lead a nationally-recognised service, with innovative skill mix delivering high quality care & efficient use of NHS resources.

National teaching reputation (2014 –ongoing). Built up a national & international reputation & have given over 40 lectures since last award, with excellent feedback. Headed up national British Orthodontic Society "Hold that Smile" campaign, aimed at educating the public.

Award-winning research & published widely. Committed to improving the evidence base for Orthodontic specialty: supervising research; lead author of a Cochrane review; involved in randomised controlled trials, including a trial on early treatment of prominent jaw that has changed clinical practice & award-winning research on retention. Published 14 peer-reviewed articles & 2 book chapters since last award.

Name: CHRISTOPHER BROOKES

GMC/GDC Number: 3679748

Speciality: EMERGENCY MEDICINE

- Chief Medical Director SRFT 2010-PAHT 2017 responsibility 1,000 Consultants, budget £1.2 billion. SRFT CQC 2015 & 2018 double outstanding only acute NHS Trust & outstanding well-led domain. HSMR top 10% nationally (79) Outstanding NHSI use resources 2018. Awarded Global Digital Exemplar 2017, Led improvement 2016 CQC inadequate PAHT. 2018 CQC now rated 70% services good or outstanding outstanding staff engagement Current PAHT HSMR & SHIMI better than expected (89).
- Clinical Advisor GMHSCP 2016 provides care 3.2 million population role to clinically influence policy and strategy. Led introduction largest Major Trauma service England 2013-2018 TARN data 2018, 2 unexpected survivors/100 patients saving 20 lives year Ws 2010 -2.8 now +1.9. GM stroke service fully compliant stroke care bundle saving 2 lives month.
- Established & chair multidisciplinary Clinical Reference Group, assuring new models
 of care, 7 GM specialist services delivering standardization care pathways, stabilizing
 fragile services improving patient outcomes. Led designation 4 High Acuity surgery
 centres to achieve RCS evidence-based standards 2015. Led implementation GM
 oesophagogastric cancer reconfiguration 2018-19-3 lives saved per year.
- Led SRFT/PAHT single research office 2016. 2018 highest recruiter NIHR CRN England & highest GM recruiter industry studies.

Name: AMANDA ADLER

GMC/GDC Number: 4654960

Speciality: MEDICINE

Quality, safe, cost effective care

I chair a NICE Technology Appraisal Committee. Since 2015, I have led 52 appraisals of 67 drugs in 44 diseases, to improve patient health and ensure good use of NHS funds.

Improving care for people with diabetes

I work in the in-patient, out-patient and community settings. Nationally, I helped develop NICE diabetes guidelines (2016); I advise the National Screening Committee and help NICE on the new Connect project; I sit on the National Diabetes Audit Partnership Board, overseeing national data. Internationally, I am an expert adviser on 2 WHO projects: drugs in low-cost settings and diagnostic criteria.

Advising health policy

Since 2015, I have worked with governments preparing for universal health care, including China, the Philippines, India, and Romania, to establish technology appraisal. This is funded by the Department for International Development and the World Bank.

Research

My job plan does not include research. Since 2015, I have published 27 papers, including in the BMJ and NEJM. I advise 3 EU Innovative Medicines Initiative projects, chair a data safety monitoring committee and helped 'steer' the Oxford-led ASCEND trial. I am a co-investigator of the MRC Clinical Trials Unit (STAMPEDE). I collaborate on a Wellcome project for essential medicines in diabetes.

Name: CLAIRE BETHUNE

GMC/GDC Number: 3677856

Speciality: MEDICINE

Since 2015, I have continued to lead the Peninsula Clinical Immunology and Allergy Services. The quality of the service is evidenced by successful accreditation for both allergy (2018) and immunodeficiency (2019) services, as well as through excellent patient and staff feedback. In the face of staff shortages, I have worked to develop a multidisciplinary team, supporting and training colleagues to develop their roles.

I lead the national Quality in Primary Immunodeficiency Services Accreditation Scheme (QPIDS). Working with the Royal College of Physicians, I developed the scheme and introduced improved training and governance arrangements (2014-ongoing). The scheme has been recognised by NHS England and the majority of UK immunodeficiency centres are registered.

I established a national annual census of immunology centres (2017) and have led the development of immunodeficiency guidelines (2017-19). I am a member of the NHS England Clinical Reference Group for Immunology and Allergy and have developed a policy document (2015) and improving value policies (2017-18).

An enthusiastic teacher, I have developed new a clinical allergy and immunology teaching course for students and have won a student-nominated award for my teaching contribution (2017).

Name: ANTHONY BEWLEY

GMC/GDC Number: 3245772

Speciality: MEDICINE

As the national lead for Psycho-dermatology, I have established the leading UK psycho-dermatology service, which was awarded the *British Medical Journal* Dermatology Team of the Year, 2017. I have led the publication of the All-Party Parliamentary Group on Skin (APPGOS) 2013 report, *The Psychological and Social Impact of Skin Disease on Peoples' Lives*, and the 2014 British Association of Dermatologists' (BAD) report on psychodermatology.

In national research, I have established a dermatology research facility at Barts Health, (income >£350k pa). I am North Thames, and deputy National Dermatology lead for the (NIHR) Clinical Research Network. I am Principal and Chief Investigator for >40 and >15 studies respectively (2016-9). My research has changed how patients with psychodermatological disease are managed.

I have set-up and led the international *Barts / BAD Psycho-dermatology Training School* for trainees, and, as Secretary for the European Society for Dermatology and Psychiatry (2017), have established an advanced psycho-dermatology training school. My trainees now run their own regional services with pan European collaborative research (BMJ Open 2018;8(12): e024877).

As president-elect of the BAD Dowling Club (2019-20), I have developed a year-long programme of teaching, (including a shared teaching week with trainees in Kerala, India).

Name: HARNOVDEEP BHARAJ

GMC/GDC Number: 3082678

Speciality: MEDICINE

Leadership Made a Health Foundation Leadership Fellow 2016, in recognition of my leadership potential. As Divisional Medical Director, I led a successful CQC inspection & delivered a financial surplus 2019. I am a member of the Senior Change Team tasked to deliver an integrated Health and Social care model for Bolton Integrated Care Alliance. I am an independent member of the Governing Council, University of Bolton 2017.

Health inequality I sit on Diabetes UK Community Education Insight Advisory Group, which informs work of Diabetes UK Engaging Communities Team. I co-authored 'A position statement on Type 2 diabetes in South Asians', 2016 & received the Burdett Trust Innovation & Leadership award, for raising awareness of diabetes & cardiovascular risk in South Asians - shortlisted for RCN Innovation award 2016.

Quality improvement Redesigned type 2 structured education with GM Diabetes Partnership in 2018. I am on the Centre for Remediation committee - purpose is to mentor doctors in difficulty. The centre is supported by NHSI.

Health education/promotion I chair Diabetes Champions Program. I am on the planning committee Clinical Excellence Safety for Older People (CESOP) & delivered a very successful international conference 2018. I work with the media: BBC Breakfast 2015, increasing burden of diabetes, Radio 5 Live 2016, Action on Sugar.

Name: ANOOP CHAUHAN

GMC/GDC Number: 3263949

Speciality: MEDICINE

Clinical Excellence

- I lead the Portsmouth Severe Asthma Service one of 14 NHSE specialist commissioned centres
- Co-created the Wessex Asthma Network, improving asthma through education and guidelines
- Lead the Respiratory Quality Improvement programme of Wessex AHSN

Leadership

- Ensured 51,105 patients recruited into clinical trials in last 10 years (28,494 since last award)
- Director of the Portsmouth Technology Trials Unit (managing 142 staff)
- Roles in committees, charities and organisations influencing patient care; e.g. British
 Thoracic Society (knowledge transfer), Asthma UK (research priorities), Wessex CRN
 (research delivery), Wessex AHSN (innovation), RCP (workforce)

Research

- Practice confirming high-quality research e.g. LASER, RESPECT- Meso 2 large multi-centre trials (40 centres) as Chief Investigator (CI)
- Recruited 8,093 patients as CI; 7,152 since last award
- Respiratory trials increased from 5 to 40
- Successful supervision of 7 PhDs and 2 MDs
- Published multiple papers (e.g. Lancet, JAMA); cited 2867 times, H-index 25, i10-index 34

Innovation

- Created Technology Support Programme to connect SMEs and researchers and adopted by Wessex AHSN
- Supervised 3 QI Fellowships
- Created the MISSION initiatives in asthma, breathlessness and COPD; being adopted by CCGs as sustainable models of care

Name: PHILIPPA CORRIE

GMC/GDC Number: 3323298

Speciality: MEDICINE

- Service Delivery: Service oncology lead for melanoma and pancreatic cancer (total 200 new cases annually). Established our local immunotherapy multidisciplinary working group, now serving the Eastern Region. Established new pathways for delivering cell-based anticancer immunotherapies. Contributed to 6 NICE Technology Appraisals in the last 3 years; 2018 NICE pancreatic cancer management guidelines committee member; Adviser for 2018 UKONS Acute Oncology guidelines.
- 2. National Leadership: NIHR National Specialty Lead for Cancer Late-Phase and International Trials since 2017. Chair, NCRI Upper GI Cancers CSG Pancreatic Cancer Workstream since 2018. Chair, National Chemotherapy Pharmacy Advisory Service. Member, UK Chemotherapy Board and National Chemotherapy Clinical Implementation Group. Clinical Lead for the NHS Specialty Clinical Frailty Network Cancer Chemotherapy Workstream.
- 3. Research: Published 32 peer-reviewed papers, 35 abstracts and 4 book chapters in the last 5 years. PhD supervisor. Awarded NIHR RfPB (£276K) and HTA (£2.5M) grants in 2016; CRUK Grant (£2M) award in 2018.
- 4. Education and Training: NCRI Conference programme committee (2017-20); ACP Immunotherapy workshop programme committee; Local, national and international invited speaker at multiple melanoma and pancreatic cancer educational events and conferences.

Name: (AMANDA) SARAH COX

GMC/GDC Number: 3332359

Speciality: MEDICINE

- 1. Developing new service models nationally & regionally, improving patient access & care;
 - -16 Chair, expert reference group for Public Health England project, developing national palliative care clinical data set.
 - 2016-18 Chair of regional palliative care group developing new service models for community end of life (EOL) care & seven-day services, attracting third sector funding & adoption by organisations across London.
- 2. Developing my specialty nationally;
 - Chair of Joint Specialty Committee (JSC) for the Association of Palliative Medicine (APM) & Royal College of Physicians (RCP), negotiated seat on RCP Council for Palliative Medicine.
 - 2015 Chair of APM standards group leading on development of staff and annual national service evaluation for palliative care.
- Leadership of the Trust specialist palliative care team & change management programme
 for end of life care in the Trust, leading to multiple awards, excellent results in external
 quality reviews & praise from CQC.
- 4. Supported innovation in areas of complexity;
 - Designed, implemented, & evaluated with mixed methods, an EOL simulation course for multi-professional teams, which the CQC called innovative and impressive.
 - Set up, evaluated and run innovative clinic managing risk of high-dose opioids in people living with HIV.

Name: UMESH DASHORA

GMC/GDC Number: 5198041

Speciality: MEDICINE

After my last award covering to 31/3/15:

- As Lead for diabetes at my Trust (until 2017), my plan; amputations by 30%.
 As deputy chief, medicine from 2017, I led on coding & recruitment contributing to 19% mortality & 'most improved' status of Trust. As Chair, Medical division (till 2016), my regular rounds for safer staffing contributed to the Trust moving from good to excellent in CQC rating for caring in medicine.
- I led yearly national award (2016-19), found best innovations & promoted them nationally by 4 papers, 1 poster and 1 national session, I chaired contributing to 18% reduction in insulin errors & 14% reduction in hypoglycaemia nationally.
- As Joint British Diabetes Society Exec, I produced/ published 6 national diabetes guidelines (1 [first author], 2 [one of lead author] & 3 [contributor]), with high downloads, adoption (90%) & improved care (52%). As exec of the Association of British Clinical Diabetologist, I produced/ published 3 national position statement (2 [first author] 1 [one of lead authors].
- As regional advisor for the Royal College of Physicians of London, as well as Edin, organised 2 regional updates, 2 tutor's meetings, web-streamed 34 evening teachings for trainees (2017-19), contributing to 50% reduction in GMC red flags.
 As Deputy Sub-dean of Brighton Medical School, organised 43 seminar sessions/yr & 5 OSCE tests.

Name: KETAN DHATARIYA

GMC/GDC Number: 3543346

Speciality: MEDICINE

Since my Bronze award in 2014 & with colleagues

- 1. I lead the EoE largest diabetes foot service for a population of 600k. My MDT foot service is internationally recognised with a range of quality markers, a strong research output & in 2017, a podiatry colleague attaining NIHR fellowship.
- 2. I was elected by my peers to Chair the Specialty Certificate Examination in D&E & Chair the European Board Exam in Endocrinology, Metabolism & Diabetes. I'm President-Elect of the D&E section of the Royal Society of Medicine. I'm Associate Editor of Diabetic Medicine & BMJ Open Diabetes. I was finalist in the 2017 RCP Excellence in Patient Care awards.
- 3. For my research & teaching UEA promoted me to Professor. I was awarded a PhD (2017). I've published 36 peer reviewed papers, 4 national position statements, 7 editorials,10 reviews, 8 book chapters & 26 abstracts. I'm an active coinvestigator on NIHR programme grants totalling over £2.4M. I'm named as a top 20 UK diabetes researcher on http://tinyurl.com/y3cltu3v and top 3 in the world for diabetic ketoacidosis on https://tinyurl.com/yyl9zctn
- **4.** I've supervised & published work from 28 students & 17 juniors. I currently cosupervise 2 PhD students. I was nominated as most inspiring teacher at UEA & have been the educational/clinical supervisor for 49 junior doctors.

Name: REBECCA FITZGERALD

GMC/GDC Number: 3616372

Speciality: MEDICINE

I am passionate about improving services and methods for earlier detection of cancer, with a specific focus on oesophageal and gastric cancer. I am achieving this through a translational research programme, funded through the MRC and CRUK (over £16 million in research grants) combined with clinical practice and leadership.

For example:

- I have developed a novel non-endoscopic immune-cytology screening test (Cytosponge-TFF3), to diagnose premalignant Barrett's oesophagus, which has been tested in an RCT (>12,000 patients), licensed to Medtronic with FDA approval and CE marking, with first commercial sales in 2019.
- 2) I have led the oesophageal cancer whole genome sequencing effort as part of the International Cancer Genome Consortium. We have identified new therapy targets and am working with pharma to design the next generation of trials in the UK CRN.
- 3) I have been instrumental in developing Cambridge as an International referral centre for Hereditary Diffuse Gastric Cancer with a unique multidisciplinary holistic approach.
- 4) I have instigated and lead a new University and Hospital-wide interdisciplinary programme for Early Detection of cancer, which is part of an International Alliance and has attracted philanthropic funding (£7.5M).
- 5) I am a super-mentor for clinician scientists for the Academy of Medical Sciences.

Name: RODRIGO FLOTO

GMC/GDC Number: 4429511

Speciality: MEDICINE

1. I led development and publication of local (Papworth), National (British Thoracic Society), and International (US CF Foundation-European CF Society) Management Guidelines for Nontuberculous Mycobacteria (NTM).

2. I established and now lead both

- (i) the UK Cystic Fibrosis (CF) Innovation Hub National Research Network (£10M) to develop new antibiotic, anti-inflammatory, and cellular therapies for CF, and
- (ii) the International Strategic Research Centre to develop new treatments for *Mycobacterium abscessus* (£1.5M).

We discovered person-to-person transmission of *M. abscessus* between individuals with CF (through fomite and long-lived infectious aerosols) and the global spread of hypervirulent dominant circulating clones causing worse infection. *This has led to changes in infection control protocols in the UK, US, Europe, and Australia and has directly influenced the design of new CF centres in Europe, (including the new Papworth Hospital opening 2018), with high frequency independent air changes in every room and corridor.*

- I designed and led UK multi-centre home telemetry monitoring study for Cystic Fibrosis to develop new predictive algorithms using artificial intelligence which has now transformed care delivery for CF nationally.
- **4.** I developed an international specialist referral centre for the treatment of NTM infection.

Name: PETER GOADSBY

GMC/GDC Number: 3443439

Speciality: MEDICINE

Since the 2006 renewal [of my B award], I have:

- 1. Promoted and developed academic neurology in the NHS, training nine neurologists in headache medicine, who have established specialist headache services and produced a significant body of work: eight MD or PhD theses.
- Conducted high quality, internationally regarded research that provides crucial parts of the scientific and clinical under-pinning to headache medicine. I have published 888 papers, chapters, reviews and abstracts, including 201 papers in peer-reviewed journals. My H-Index (google) is 126.
- 3. Promoted innovative treatment approaches in the NHS through audit and clinical trials and leadership of Neurological Disorders for the NIHR CRN.
- 4. Extended the clinical translational base of my work by engaging patient groups, such as the Migraine Trust and Organisation for Understanding Cluster Headache UK, as a trustee to both. This has enabled dissemination of information and best practice to patients and facilitated patient-partnership in clinical research.

Name: PAUL KLENERMAN

GMC/GDC Number: 3297339

Speciality: MEDICINE

Since my last award (Bronze, 2015):

Clinician Scientist: Research team (15 scientists), develops vaccines and diagnostics for viruses (e.g. HCV, CMV) applied to gastrointestinal (GI) disease (e.g. coeliac, inflammatory bowel disease (IBD)); 141 PubMed publications on PubMed last 5y. Combined with development/delivery of new HCV cure programmes (achieving maximum run rates at 35 patients/month).

Immunology: Co-leadership of the new BRC GI Immunity theme (2017), Cluster lead for Infection/Immunity at BRC Steering group (2017), Head, Medical Sciences Division Immunology Network (2016) and Academic Health Sciences Centre Immunology theme (2016). Established Human Immune Discovery Initiative (2017, £700k) supporting 4 diagnostic labs and >20 clinical studies.

Infection: Chair, Peter Medawar Building (PMB) for Pathogen Research (2015 including major expansion (now 20 Principal Investigators (PIs)) upgraded Schedule 5 (high security) labs, refurbished suites (£450k) supporting clinical trials and HIV cure/diagnostics. Established Oxford Viromics (10 PIs, £300k), generating whole viral genomes for clinical trials/outbreaks (2016).

Gastroenterology: Head, Translational Gastroenterology Unit (TGU; 15 PIs) at the John Radcliffe Hospital; integrated clinical research for >7,000 consented patients with GI and liver disease (2015-).

Name: MARTIN LANDRAY

GMC/GDC Number: 3584039

Speciality: MEDICINE

My work seeks to improve the quality of care & research in the NHS, chiefly through the appropriate use of digital technology & NHS data and the conduct of randomised trials.

Reducing risk of cardiovascular (CV) disease - beyond statins

My recent trials (e.g. REVEAL N Engl J Med 2017), showed more aggressive treatment of cholesterol safely reduces the risk of CV events, but raising HDL- cholesterol is ineffective.

Initiation of new trials exemplifying NHS capabilities

The ORION-4 trial of 6-monthly cholesterol-lowering inclisiran injections in 12,000 NHS pts with CV disease is an exemplar for the UK Life Sciences Industrial Strategy (bringing £50M investment to the UK). The results could provide a step-change in preventive medicine.

Digital Transformation of NHS care and research

Leading NHS Digital/Health Data Research UK partnership for digitally-enabled clinical trials, (announced in the Life Sciences Sector Deal, 2 Dec 2018).

Delivering the Oxford University Hospitals NHS FT NIHR Biomedical Research Centre data warehouse (4M patient records), to improve patient safety and create de-identified datasets for studies of hospital-associated and drug-resistant infections, and management of chronic diseases.

Promoting trustworthy use of NHS data

Informing policy through NHS Digital and NICE advisory committee membership.

Name: PETER LANYON

GMC/GDC Number: 3130557

Speciality: MEDICINE

Care Coordination

I deliver high-quality multidisciplinary care for complex autoimmune rheumatic diseases, which supports colleagues throughout the region, evidenced by tertiary referrals and large multi-regional audits, which I have led. I have led national development of regional specialised rheumatology networks, as author of a 2016 (3-year) NHS England CQUIN, enabling the commissioning levers for these to establish:

Research

Since 2015, I have made major contributions to the evidence base, co-authoring 31 peerreviewed papers. I have led 14 clinical studies as local P.I., resulting in my unit having an international reputation for trial recruitment.

Advocacy

I work closely with rare autoimmune disease charities, to understand their members' shared needs and priorities. In 2016, I led development of, and currently Chair, the Rare Autoimmune Rheumatic Disease Alliance (RAIRDA). I am lead author of a 2018 RAIRDA national report "Reduce, Improve, Empower" and widely champion the unmet needs of these conditions.

National leadership

I have led innovations in national health policy (Chair, NHS England Clinical Reference Group for Specialised Rheumatology 2013-16), the development of the specialty (President, BSR 2016-18) and national quality improvement in rheumatology (National Clinical Lead, GIRFT Programme, NHS Improvement 2018-).

Name: JAMIL MAYET

GMC/GDC Number: 3328042

Speciality: MEDICINE

As Director of Surgery, Cancer and Cardiovasc Division, I drove a policy that inpatients are seen by a Consultant every day Mon to Sun for all specialties, delivering a ward-based culture improving patient safety and reducing length of stay.

I have driven an outreach cardiovascular outpatient programme in 9 sites across the sector; tests and consults done locally; 11,000 new patients a year seen; 1:0.6 new to FU ratio (best when benchmarked); 98% rating service as good or excellent. Email advice support to GPs, direct access to Consultant reported tests, clinical triage of referrals, with tests booked prior to Consultant review.

Awarded Chair in recognition of leadership of cardiology and engineering research group; we have developed a technique to objectively measure narrowing in a coronary artery; taken from idea to first in man study, to multicentre clinical trials. Quicker and more cost effective than existing method, with no patient discomfort. Now cited in guidelines and used in over 4,000 catheter labs worldwide.

I have successfully led the NIHR Cardiovasc Informatics group (Imperial, UCH, GSTT, Kings, Oxford and Cambridge), an IT collaboration collating routine clinical data, aligning into an anonymised research dataset. Our exemplar 250,000 patient troponin dataset is being presented with several key publications in 2019.

Name: S M SHUAIB NASSER

GMC/GDC Number: 3090374

Speciality: MEDICINE

- 1. Under my leadership as President since 2015, BSACI has delivered three national conferences with 5-600 delegates each, co-badged the world's largest paediatric allergy conference in 2017, with >2,000 delegates. Started allergy courses for GP trainees, delivered allergy training to >2,000 GPs, administered 12 national training days for SpRs, funded 30 scholarships for junior doctors, published 4 new guidelines and successfully lobbied to reverse CCGs decision to stop prescription of hypoallergenic milk formula.
- 2. After delivering the National Review of Asthma Deaths in 2014, followed-up its major recommendation with RCP and as clinical lead, developed a continuous national asthma audit for every UK asthma in-patient, successfully piloted in 2017 in 36 hospitals, securing >£1 million funding for 5yr Airways Audit. This work has halved asthma deaths in the <75yr group from 700 to 350 over 17yrs.</p>
- 3. I have advocated patient empowerment through NHS Choices and Anaphylaxis Campaign, ensured patient involvement on guideline committees that I have chaired, including NICE guidelines, BSACI Standards of Care and RCP asthma audit, and widened access to four high-cost biologics, through my role as clinical expert on NICE technology Appraisals.
- 4. Set up NHS Commissioned Severe Asthma Service, enabling regional access to high-cost biologics.

Name: ELIZABETH PRICE

GMC/GDC Number: 3194395

Speciality: MEDICINE

British Society of Rheumatology (BSR) - Trustee (2015 – ongoing), Chair of Heberden Committee (2015-2018), organising UK's foremost Rheumatology Meeting attracting >2,000 national & international delegates. Determined content, convened sessions, selected speakers. President BSR (since May 2018), leading the society, improving educational offering, developing accreditation & future proofing the society.

Sjogren's - National reputation for clinical expertise, attracting referrals from across UK. Involved in national collaborative research. On steering Group of UK Primary Sjogren's Syndrome Registry (MRC funded) & TRACTISS trial (ARC funded). Lead author on first UK Nice-approved guideline for SS - led the whole process, undertook the systematic review, collated, complied and wrote the guidelines. To date, total views of guidelines are 35,287 (33,183 Page views and 2,104 PDF Downloads).

British Sjogren's Syndrome Association (patient charity) - Trustee (since 2003) & Medical President (elected 2015). Fully involved with running & promotion of charity, writing & editing patient literature, organising innovative annual patient meeting & providing medical support for patient helpline.

Research & Innovation - Trust Lead 2016 –18. Developed department, led change, exceeded targets. Continued personal involvement in Research.

Name: DAVID MARK PRITCHARD

GMC/GDC Number: 3431162

Speciality: MEDICINE

Since my bronze award in 2015:

- As Head of Liverpool's European Neuroendocrine Tumour Society (ENETS) Centre of Excellence since 2016, I lead the multidisciplinary team that manages ~150 new patients each year with these rare, complex tumours.
- 2. As Head of the Department of Cellular and Molecular Physiology at the University of Liverpool since 2016, I manage 31 academic staff, ~25 postdoctoral fellows and ~80 doctoral students. I coordinate the department's research programmes, finances, teaching and external collaborations. The BSc (Hons) Physiology course, which the department runs, was ranked 1st place in the Guardian University League table for subject 2017.
- 3. I have run a high-quality research programme investigating gastrointestinal tumour development. I have published 34 peer reviewed papers, been PI or CoI on grants totalling >£6.3M, supervised 11 PhD and 2 MD students to degree completion and currently supervise 6 doctoral students. My research has demonstrated that netazepide is an effective new treatment for type 1 gastric neuroendocrine tumours and I have discovered new biomarkers of drug response.
- 4. I have pioneered the role of contact X-ray brachytherapy as an alternative to surgery in elderly and co-morbid patients with rectal cancer. I was a member of the UK Papillon team that won the 2018 BMJ Cancer Care Team award.

Name: SATYAN RAJBHANDARI

GMC/GDC Number: 4172321

Speciality: MEDICINE

Since my last award in 2013, I have worked hard to provide high quality service to NHS.

IMPROVED DIABETES CARE

I became Clinical Champion of Diabetes UK in 2014. I lead 'Integrated Diabetes Care' involving hospital, Community Care & 2 CCGs. In this, patients previously under hospital are managed in the community hubs. Both CCGs have been rated 'Outstanding' in diabetes care since 2016. I have also started service for complex type 1 diabetes.

REGIONAL DIABETIC EYE SCREENING PROGRAMME

Following an external quality visit, 36 recommendations for improvement were made to this service in 2013. I became clinical lead in 2014 and we met 35 of these by 2016.

COMMUNITY HEALTH CHECKS

I am a Trustee of National Forum for Health & Well-being (NFHW), which organises 'Health Mela'. During this, free blood tests & counselling are provided. In the last 2 years Health Mela were held at public areas in Preston, Bolton, Leyland, Chorley, Liverpool, Carnforth & Manchester. We diagnosed about 300 new cases of diabetes, hypertension or hyperlipidaemia & referred them to own GP for early treatment.

RESEARCH

I lead research & was re-appointed Honorary Professor in 2016. I am a Co-applicant in successful £2.9M NIHR Grant for 'OPTION'. I am also involved in development of 'Artificial Intelligence' in Manchester to improve foot ulcer treatment.

Name: SHENAZ RAMTOOLA

GMC/GDC Number: 2702579

Speciality: MEDICINE

- Excellence in diabetes care for people of East Lancashire: HbA1c ≤ 58 mmol/mol in 37.6% of type 1 diabetes patients v 29.2% nationally; HbA1c < 48 mmol/mol in 3rd trimester in 68.1% of pregnant women with diabetes v national average 56.8%; 95.1-100% in 7 of 8 National Diabetes Audit care processes for type 1 and type 2 diabetes (52.3%-91.1% and 66.2%-96.3% nationally).
- At the forefront of future diabetes care, through active clinical research: since 2015, UK Chief Investigator for 4 multicentre studies, over 500 patients recruited to studies, 10 peer reviewed publications, 3rd of 12 organisations contributing to Greater Manchester CRN diabetes portfolio activity.
- 3. As Chief of Medicine, developing 24/7 well-staffed redesigned emergency hospital medical services: 88% of patients see a Consultant within 14 hours; patients treated and discharged from Acute Medical Unit within 72 hours doubled to 40%; ambulatory care activity doubled to 900/month, COPD patients receiving specialist review and complete discharge bundle increased from 54% to over 90%, best practice increased from 17% to 60%.
- 4. Improving morale through enhancement of staffing model, educational and development support of current and future workforce, adoption of Chief Registrar role, exemplar rota management as praised in Health Education England (HEE) 2018 report.

Name: ELEANOR SCOTT

GMC/GDC Number: 3664100

Speciality: MEDICINE

• I lead a high-risk Diabetes in Pregnancy (DIP) service, at forefront of national standards of care & service development, recognised by BMJ award (2016), NPID audit data (2017), CQC rating (2019) & patient experience.

- I lead the development & delivery of DIP care nationally with roles on: NICE quality standards committee (2015-16); DUK National DIP Conference Committee (2015-); RCP National Joint Specialty Committee for D&E (2017-); National Diabetes Audit Partnership Board (2017-); ABCD Diabetes Technology committee (2018-).
- I was awarded a personal chair in 2018 (Professor of Diabetes & Maternal Health), reflecting my leadership in DIP care. My research is 100% patient focused with measurable impact on patient care locally, nationally & internationally (NICE, NHS Plan). I continue to publish in high citation index journals (NEJM, Diabetes Care). I was awarded the Joseph Hoet Award EASD in 2017 for excellence in DIP research & given >30 invited keynote national/international lectures.
- I've led the development & delivery of education and training for >1,000 NHS staff (2017-). I organised & delivered the DUK National DIP Conference 2018, which led to 20 DIP quality improvement projects in UK. I presented on three BBC TV programmes educating the public about diabetes, reaching >10 million viewers (2017-18). I'm a longstanding MRCP examiner.

Name: NICHOLAS SELBY

GMC/GDC Number: 4535328

Speciality: MEDICINE

- Designed and led the first multicentre randomised trial of a systems approach to improving standards of care for acute kidney injury (AKI). Its pragmatic design allowed study of >24,000 patients and makes findings directly generalisable to clinical practice. Results, recently published in the top-ranked nephrology journal, showed improvements in patient outcomes and allowed development and dissemination of open-access quality improvement resources.
- Set-up and lead a national research network (UK Renal Imaging Network) to advance the
 rapidly evolving field of functional renal MRI. This unique network brings together physicists,
 nephrologists and radiologists, will deliver a UK-wide platform for standardised renal MRI
 (crucial for coordinated multi-centre clinical trials) and has successfully attracted MRC
 Partnership funding.
- Enhanced my teaching profile appointed Associate Fellow of Higher Education Academy (HEA), taken on several national teaching roles (e.g. Advanced Nephrology Course, Royal College conferences), and involved locally in design and delivery of undergraduate medical teaching.
- 4. Appointed to new national leadership roles: advisor to NICE Medical Technologies Evaluation Programme, Programme Co-chair for 3rd International Conference of Renal Imaging, NIHR (RfPB) grant committee, and academic editor for *PLOS One*.

Name: EAMONN SHERIDAN

GMC/GDC Number: 3097591

Speciality: MEDICINE

Research: Since my last award, published >30 peer reviewed research papers, H index=43.2. These exemplify my interest in understanding the genetic basis of intellectual disability and developmental brain disorders, and my enthusiasm to improve care in Rare Diseases; Invited talks at International Conferences.

Translational Medicine: Due to close links with the NHS diagnostic services, I have been able to facilitate the development of diagnostic tests for many of the 20+ new diseases causing gene discoveries from my research activity. This has made a major contribution to the introduction of new diagnostic tests locally, nationally and internationally through genomic analysis.

Enhanced international reputation for **integrating clinical**, **laboratory and research** expertise, to provide co-ordinated approach to genomic medicine, as evidenced by appointment as Chair of Scientific Committees for the MRC/Wellcome HDBR, the European Research Network-ITHACA, The WellBeing of Women BabyBioBank; my election to chair of British Society of Genetic medicine (BSGM); my appointment as Medical Director of one of the NHSE Genomic Lab Hubs.

Education: Led and taught on the Leeds University MB ChB undergraduate Genetics course and Molecular Medicine MSc; examined 10 PhDs; external examiner on MSc courses at the Universities of Southampton and Cambridge.

Name: SANJAY SISODIYA

GMC/GDC Number: 3284700

Speciality: MEDICINE

Since 2011 Bronze award, my many roles are committed to improving patient care:

CLINICAL: Addressed a serious NHS issue, (cause unknown in 60% epilepsy patients), by developing/implementing genetic tests, transforming diagnostic rate from <5% to 40% with 2,500+ patients sequenced; results returned via unique genomics clinic, ahead of NHS plans. **Leading** pan-College guideline on management of valproate-related issues in women of childbearing potential (publication 4/19), rated by NHS Improvement 'excellent clinical advice'. **Leading** UK safe introduction of cannabidiol early access program. **Improved/led** until '16 only NHS England adult epilepsy inpatient evaluation unit, basis of CQC 'outstanding' rating for medical care, '18 **Developed/implementing** guidelines on patient care & leading on rational use of precision medicine (stiripentol).

RESEARCH: built a comprehensive research program (secured £34M+ funding for translational research), 148 publications.

TRAINING: 14 PhD students, 2 mentorships, approved consultant & trainee education days, international lectures & workshops.

LEADERSHIP: Chair Epilepsy Advisory Group Association of British Neurologists '15-21 & RCP epilepsy rep. on key NHS issues/NICE evaluations/safety reviews. Chair International League Against Epilepsy Clinical Task Force, contributing to WHO Collaborating Centre status.

Name: KEVIN TALBOT

GMC/GDC Number: 3503939

Speciality: MEDICINE

RESEARCH: I lead the internationally recognised Oxford Centre for Motor Neuron Disorders, I have generated grants totalling >£10 million since 2011. I have published over 200 papers (H-index= 62), which have influenced the field and clinical practice.

CLINICAL: I am Director of the Oxford MND Care and Research Centre, providing specialist diagnosis and management for 10% of the UK patients with motor neuron disease. I have developed the National MND Register, a major new tool to promote patient engagement in research and improve standards of care.

LEADERSHIP: I am the academic Head of Clinical Neurology in Oxford and lead a Division of >150 researchers. As Honorary Secretary of the Association of British Neurologists (2014-2016), I led the development of the ABN Advisory Groups, which provide rapid response to NICE Scoping Consultations, Guidelines and Quality Standard reviews and NHS Technology Appraisals.

EDUCATION AND TRAINING: I have personally trained and mentored 18 PhD students (12 since my last award), including training clinical research fellows in translational research in neurodegeneration. I am an educational supervisor, have been responsible for developing a large number of clinical lecturer posts in neurology (increased from 3 to 8 in the last 5 years) and clinician scientists (MRC, Wellcome Trust and NIHR).

Name: MARC TISCHKOWITZ

GMC/GDC Number: 4034346

Speciality: MEDICINE

- I lead the **PALB2** interest group, an international consortium of >200 clinicians and scientists. Following our landmark 2014 publication on 154 families, which proved that *PALB2* was the third major breast cancer gene after *BRCA1* and *BRCA2*, we have now conducted an analysis of 524 families, which confirms the high breast cancer risk and, for the first time provides risk estimates for pancreas and ovarian cancers.
- Chair of UK Cancer Genetics Group, the national body representing ~300 clinicians and scientists involved in the care of families with inherited cancers. The UKCGG is responsible for developing expert consensus guidelines for clinical care and genetic testing for inherited cancers.
- Executive committee member of the EU-funded GENTURIS European Reference
 Network and the lead for breast and ovarian cancer. Our goal is to harmonise care
 for these conditions across Europe and I am currently leading the guideline
 committee for PTEN Harmatoma Tumour Syndrome.
- Lead Clinical Geneticist for the Personalised Breast Cancer Programme, which
 uses state-of-the-art whole genome sequencing technology to identify germline and
 somatic mutations that are clinically actionable. The pilot study in 250 women has
 been successfully completed and the main study has now commenced, with a target
 of 2,000 women to be rolled out across other UK centres.

Name: WAI YEE TSE

GMC/GDC Number: 3311361

Speciality: MEDICINE

Lead Clinician 2003-2018. Exemplary outcomes in "treating & caring for people safely", "enhancing quality of life"; top 5% of 72 renal units (Renal Registry 2017). Excellent transplant-graft outcome (top quartile) & unit offers the shortest wait to transplant (NHSBT 2018). I led on business case for a new £2M hub unit & satellite dialysis, now 5 satellites & last 2 opened in 2017 & 2018; offering patients choice & improving experience.

Unit was voted by 13,770 patients to be the best UK Transplant centre & 2nd best England renal centres for "overall patient experience" in "Patient Reported Experience Measure, 2018". Immensely proud that patients rated service so highly; reflecting effective leadership & team-working, my drive for quality care & shared decision-making.

As Peninsula Renal Network Lead, I won £0.5M from NHS Kidney Care & British Patient Kidney Association for quality improvement projects. Nominated for SW Leadership Recognition Award & finalist of Patient Safety Award 2016 & 4 national presentations.

Associate Dean in Quality Improvement & Simulation HEE 2015-. I convened & lead the QI & Simulation Networks driving patient safety. I wrote case for QI Fellows & won >£1.8M, funded 50 Simulation & QI Fellows in 3 yrs & 14 more planned 2019. I organised 5 national learning events. Made Professor Education 2018.

Name: EMMA VAUX

GMC/GDC Number: 3497665

Speciality: MEDICINE

Quality improvement (QI)

I lead embedding QI into UK postgraduate medical training, through Royal College of Physicians (RCP) 2010-17 & Academy of Medical Royal Colleges from 2014, resulting in significant positive change in junior doctors' contribution to patient outcomes.

I am a Generation Q Fellow & founder Q member.

Patient safety

As CEO Patient Safety Federation, 2014-15, I led 6 safety improvement networks.

As clinical lead 2013-18 Oxford AHSN, I led a transformational approach to management of acute kidney injury across the region & as clinical lead from 2017 for Berkshire West Integrated Care System, to managing chronic kidney disease differently.

All approaches have had resultant significant positive social, financial & environmental impacts.

I am a CQC specialty advisor.

I am active in clinical research.

Professional standards

As RCP Senior Censor from 2017, I developed the nationally renowned RCP Code of Conduct.

As NHS Resolution Case Investigator from 2013 & Lead Assessor from 2016, I contribute to raising professional standards locally & nationally.

Education

Elected RCP Vice President education & training 2017.

I lead new national initiatives responsive to changing healthcare/education needs, including RCP Assessment Centre, emerging women leaders, flexible portfolio training, credentialing & Chief Registrar Scheme.

Name: PRANAV PANDYA

GMC/GDC Number: 3281769

Speciality: OBS AND GYNAECOLOGY

Since Bronze award 2015

Non-invasive prenatal testing (NIPT)

National: NIPT is a new screening test for Trisomy 21, 18 & 13. National implementation in 2019. I led on developing pathway, e-learning, advice to parliament, ethical review (Nuffield Council), inclusion of twins and QA. NIPT will result in 5,000 fewer invasive procedures in England every year & fewer miscarriages.

Local: Implemented before national rollout. 82% uptake of NIPT at UCLH. CQC rated outstanding.

Research: Chief Investigator (CI) in trial evaluating new NIPT platform. Results in < 3 hours.

Prenatal detection of major congenital heart defects (CHD). Chair CHD FASP & board member new CHD review PHE. Implementation of 3VT view into routine ultrasound in England. Developed pathway, e-learning and training. Successful implementation in all Trusts. National detection rates up from 40% to 64%.

Open fetal surgery for spina bifida – first UK centre. Awarded £450 from UCLH & GOSH charity. I lead intraoperative ultrasound. 5 cases completed UCLH. Shortlisted 2019 BMJ Awards Clinical Leadership Team.

Teaching & Research

Editor in Chief Fetal Medicine Basic Science & Clinical Practice textbook.

CI 1 & Principal Investigator 5 trials.

Subspecialty MFM training director - only centre in the UK recognised for 4 trainees. Established obstetric ultrasound training fellowship.

Name: BASKARAN THILAGANATHAN

GMC/GDC Number: 3289004

Speciality: OBS AND GYNAECOLOGY

Since Bronze award in 2015

- 1. I set up and am the clinical lead for the SAFE test lab (www.theSAFEtest.co.uk). This is the only high-throughput **non-invasive prenatal testing (NIPT)** lab in the NHS. We undertake over 6,000 prenatal trisomy screening tests per annum, bringing in an annual Trust income of over £250,000.
- I have led on a very successful research programme at St Georges on maternal cardiac maladaptation in pre-eclampsia (TED talk: https://bit.ly/2JP0oNT), resulting in publications in high-impact journals (BMJ, Lancet and Circulation) and current grant income of over £1.5million from the NIHR, MRC, BHF and the EU (www.iPlacenta.eu).
- 3. I was the main co-applicant on a successful bid for £2.5million from the Tommy's campaign to set up a **National Centre for Improving Maternity Care**, located at the RCOG. The declared objective of this joint RCOG/RCM initiative for which I am the deputy lead is to make UK the safest place in Europe for childbirth.
- 4. I was voted to be the Fellow's representative on the RCOG Council by my peers and am also the RCOG representative on the National Screening Committee (NSC). I am on the Department of Health oversight group for the Saving Babies Lives Care Bundle to prevent stillbirth. I also continue to actively support the NICE guideline update committee.

Name: PHILIP TOOZS-HOBSON

GMC/GDC Number: 3310418

Speciality: OBS AND GYNAECOLOGY

As a consultant I have concentrated on clinical excellence, training and research.

- Management: CD 2010-14: Established extended recovery unit for complex needs.
 Established termination service, previously ad hoc. Increased consultants by 3 & met all targets. Regularly advise management/MD. Experiences as CD were springboard to RCOG national roles. Clinical senate representative.
- 2. **Researcher/educator:** F/T NHS excelled in research Grants >£4M (£2.5M the last 5 years). >45 publications last 5 years. Edited major textbook, written patient book.
- 3. Clinical Lead Urogynae 2000-16. Last 5 yrs, introduced 3 procedures to ensure full range of surgical procedures for SUI. Conformed to NICE & NHS guidance underpinned by audit with BSUG National database. Early adopters of BSUG DB & now are national exemplars with over 7,200 cases registered (personally >3,000), representing >3.5% of total national data.
- Clinical supervisor: Overseen enhanced working of staff mentoring Juniors (Director of Subspecialty training programme), introduced new services (e.g. nurse cystoscopist) & NHSEEWM educational supervisor.
- 5. **RCOG**. Advisor on vaginal meshes. Member of RCOG EQAC. Director of meetings WCOG 2019 most abstracts ever (2,900+ beating previous best 1,800). Associate editor TOG.
- 6. **BSUG** treasurer 2015-18 restructured governance met financial obligations.

Name: JAMES BAINBRIDGE

GMC/GDC Number: 3677090

Speciality: OPHTHALMOLOGY

My programme of translational research extends from laboratory science to clinical trials of novel interventions. Having performed the world's first gene replacement surgery for inherited blindness, I have demonstrated proof of concept for sustained benefit, (Bainbridge et al NEJM 2015). My contribution to the field has been recognised by several prizes, including in 2018 the Champalimaud Vision Award, one of the world's largest science prizes and the largest in vision research. I am the only British ophthalmologist to have received this honour.

My appointment in 2018 to the position of Surgeon Oculist to Her Majesty's Household is evidence of the high regard in which I am held for my clinical expertise and judgement.

With the support of a prestigious £2M NIHR Research Professorship, I have helped secure £19M funding for the NIHR BRC for Ophthalmology at Moorfields/UCL and £5M for the NIHR Moorfields Clinical Research Facility and helped build a World-leading UK-based programme of international multi-centre early-phase clinical trials for which I am Chief Investigator.

To accelerate access to new treatments through enterprise, I have co-founded a UCL spinout company, leading to £350M investment in the UK, to support its pipeline of 8 novel gene therapy products for the benefit of the health and wealth of the nation.

Name: ANDREW ('GUS') GAZZARD

GMC/GDC Number: 4068705

Speciality: OPHTHALMOLOGY

Since my award, I published the LiGHT trial in Lancet, as Chief Investigator (£1.7m NIHR treatment study of 718 patients). We show that laser is clinically and cost effective - transforming glaucoma care across the world and will save the NHS > £10m a year. I secured a further £508k to extend follow-up to 6 years and associated projects.

I established a new Moorfields-UCL MSc in Clinical Ophthalmology, aimed at optometrists, building on my work as Clinical Lead for College of Optometry-accredited programmes of short courses. It provides the accredited, clinically-trained, non-medical staff the UK needs and makes the UK the world-leader in training clinical optometrists.

As Service Director of the largest glaucoma service in the West, (11,000 new patients; 110,000 patient contacts and 6,000 operations a year). I have implemented a shift from traditional doctor-run clinics to 3-tiered stratified care model over 30 sites. While improving patient experiences and clinic efficiency it will facilitate the introduction of decision-support software into practice.

Contributions to national and international treatment guidelines, Cochrane reviews and international collaborations pass on my experience, while my ongoing research into patient experience and self-reported outcomes (current PhD student), ensure close involvement with patients.

Name: TIMOTHY JACKSON

GMC/GDC Number: 4069005

Speciality: OPHTHALMOLOGY

Since my Bronze award, promoted from HEFCE Clinical Senior Lecturer to Reader and then to Professor, with a personal chair at King's College London from 2018.

Current research metrics: Research income >£6M; 103 PubMed publications; H-index 26 (Scopus, Web of Science; 31 Google Scholar); 1,762 Web of Science citations; 6 MDRes/PhD students (1 pending viva, 2 current), 1 MSc (completed); lead King's Retinal Research Unit (19 active trials).

Focussed expertise in retinal device trials, ranging from first-in-man studies to some of the world's largest surgical retina RCTs. I was/am lead author/chief investigator on the following retinal device RCTs: MERLOT (n=363), CABERNET (n=494), STAR (n=411), and in 2019, was awarded £1.8 grant to run a 70-centre pan-European surgical retina RCT.

Lead for undergraduate ophthalmology teaching at King's College London, one of Europe's largest medical schools covering Guys, St Thomas', The Maudsley and King's College Hospitals. I led a major overhaul of the ophthalmology curriculum, teaching modalities and expansion of online resources in 2018. My recently published (2018), randomised, controlled, cross-over study showed the new eLearning modules were associated with statistically better examination results and far superior student satisfaction, (70% preference vs didactic lectures).

Name: BERNADETTE BRENNAN

GMC/GDC Number: 3248184

Speciality: PAEDIATRICS

Clinical service – I lead one of the largest paediatric oncology services, with a growth of 17% (2015-2018), delivering 100% compliance in National Cancer Peer review, 28-day treatment targets, performance status and staging target.

Leadership - appointed MASHC Chair in Paediatric Oncology (2017), in recognition of my international and national role in sarcoma clinical trials and an international clinical lead in especially Ewing sarcoma, soft tissue sarcomas and bone tumours, and as Clinical Director for Research and Governance for Manchester University Foundation Trust (2017).

National transformation - delivered the chemotherapy and supportive care services at RMCH for the National Proton radiotherapy services (2018), and as member of the paediatric Proton MDT, for local control and chemotherapy for sarcomas.

Research - awarded £450,00 (2018) for the ICONIC clinical and biological study in Osteosarcoma, as CI of EURO Ewing 2012 recruited to target ahead of schedule (2019).

Name: MARGARITA BURMESTER

GMC/GDC Number: 3332672

Speciality: PAEDIATRICS

Since Bronze award 2014:

- As Paediatric Intensive Care (PIC) Director, I created a high-performing resilient team: expanded resources, staff & capacity; mortality rate 2014-17 dropped from 0.77-0.57, lowest 6th nationally. Care Quality Commission (CQC) rated service outstanding for led, good overall (2017), outstanding for caring (2018). Children's CQC survey rated service 4th best nationally.
- I demonstrated leadership nationally by contributing to service specifications of critical care as PIC Clinical Reference Grp member; as PIC Society Vice President, I informed national PIC standards & influenced models of care & workforce streams for NHSE PIC review.
- I promoted patient safety nationally by expanding my Simulated inter-PRofessional
 Team Training program which won Health Service Journal Patient Safety prize 2015,
 1 of 4 areas of outstanding practice CQC. I influenced quality outcomes for national
 Simulation Strategy as Simulation Reference Group member & set national training
 standards as executive member of the Association for Simulated Practice in
 Healthcare.
- I co-developed >20 Quality Initiatives, co-invented patented open chest skills trainer & baby model, was a Wellcome Trust award collaborator in analysis of team communication, site PI in resuscitation research, & was appointed national Q fellow (Health Foundation initiative).

Name: WD CARROLL

GMC/GDC Number: 4213859

Speciality: PAEDIATRICS

I am a committed to *improving health outcomes for children* through **training**, **education**, **research** & **leadership**. Since my 2014 Bronze award I have:

- Led the production, promotion and delivery of theory examinations for the Royal College of Paediatrics & Child Health. This includes the production of many courses, teaching resources & books. The most recent, Illustrated Textbook of Paediatrics won the 2018 BMA Book award for Child Health.
- Ensured delivery of high-quality clinical care personally & built on the strengths of
 my team, to provide excellent outcomes for children with significant improvements in
 outcomes seen for individuals with cystic fibrosis & asthma.
- Developed a research portfolio in partnership with academics across the UK & industry whilst also supporting & developing the next generation of researchers. This has led to the award of NIHR-EME grant for £2M in asthma and funding of \$100,000 to support research into adherence.
- Significantly contributed to UK medical training. I led the merger of two Schools of Paediatrics handing over a stable and high-performing single School in the East Midlands. I have significantly contributed in the development of the RCPCH curriculum, led on quality assurance for UHNM and represent the National Association of Clinical Tutors on the GMC National Training Survey Advisory Group.

Name: ESTHER CRAWLEY

GMC/GDC Number: 3545946

Speciality: PAEDIATRICS

- I developed and lead the largest service for Paediatric CFS/ME in Europe. I lead a National service for specialist paediatric Chronic Fatigue Syndrome (CFS) and at >500 assessments & 2,500 follow-ups /year, this is the largest in the UK and Europe. I have developed and am testing new treatments (e.g. Graded Exercise Therapy) and increasing reach to those without a service throughout the UK, using internet delivered treatment.
- World leading research programme for paediatric CFS. Since 2012, I have secured >£2.2 million research funding as PI, and >£10.5 million as coapplicant/fellowships and published 53 papers on the epidemiology, impact and treatment of CFS. I am the only person running paediatric treatment trials for CFS/ME in the UK.
- International Leader: I set up four international collaborations (2014-18), established (with Prof Holgate) and was deputy chair of the CFS/ME Research Collaborative (2012-17), which includes researchers, funders (MRC, Wellcome, NIHR, ARUK) and charities.
- I co-led the undergraduate paediatric teaching programme (260 students/year, 2011-15): revised and updated the examinations, the curriculum, all teaching materials, created a new lecture, new skills session and a large bank of unique video footage for lectures, workshops and exams.

Name: JANE DAVIES

GMC/GDC Number: 3261765

Speciality: PAEDIATRICS

Clinical academic delivering excellent care today, whilst transforming outcomes for tomorrow.

1 Excellent clinical care

- consultant at leading respir centre for children with complex/life-limiting disorders.
- largest UK centre for cystic fibrosis (CF, >300), common fatal inherited disease.

2 Developing advanced CF diagnostics

- most cases of CF are easily diagnosed by new born screening; those which are more challenging can suffer treatment delays. Set up (2015) clinic for inconclusive new born screened babies; model of care adopted by centres in UK & EU.
- established first national referral service for sensitive diagnostic test, nasal potential difference (PD); >50 patients last 5 years.
- International diagnostic guidelines author.

3 Clinical trial leadership

- Global/national chief investigator >10 trials of mutation-specific drugs 2014-; treating root cause of CF; 3 licensed. Latest combination will be suitable for >85% of CF mutations (>5,000 UK adolescents/adults).
- Direct pan-London CF trials network 2017- .
- Clinical Lead UK CF Gene Therapy Consortium 2000 .
- NIHR Lead PI award 2016.

4 Research training/supervision

 Direct Strategic Research Centre for Pseudomonas (most prevalent CF bacterium, 2014-).

Since last award: 10 PhD/MDRes awarded; 12 current. >50 peer-reviewed papers (NEJM x 4, Lancet Res Med x 7), >£3M grants.

Name: COLIN DUNKLEY

GMC/GDC Number: 4211022

Speciality: PAEDIATRICS

- Continue to manage 4 Paediatric Epilepsy Training courses. By 2018, total >20,000
 health professionals globally. 2018, I led 5-day international faculty, made possible by
 ~£250,000 grant for consensus materials & sustainable international frameworks. New
 courses launched in 2018, 3 languages & 5 continents.
- 2009. Clinical Lead for Epilepsy12, UK National Audit of Childhood Epilepsies. 2017, I secured further £1.3 million NHS funding for 3rd round with a broadened remit to include quality improvement and clinical network development. Our 1st organisational report was published Jan 2019, showing continuing improvement. >4,500 children have been registered since 2018.
- 3. 2017, led launch of OPEN (Organisation of Paediatric Epilepsy Networks) UK to integrate all regional, national and trust level epilepsy services. I facilitated the terms of reference and funding structure to allow independence from Pharma and evolve quality improvement. I co-wrote the epilepsy submission for the NHS Long Term Plan which now specifically cites epilepsy network development.
- 4. Continued work after launching the NHS Epilepsy Best Practice Tariff, 2013. 2017, I secured a funding uplift to further incentivise uptake. 2018, I facilitated RCPCH Working Group which achieved an extended tariff, now including mental health & transition.

Name: ADAM FOX

GMC/GDC Number: 4312583

Speciality: PAEDIATRICS

Since 2015:

Excellence in clinical services: Led specialist Paediatric Allergy service from inception to largest in Europe, achieving high patient satisfaction. I personally led successful application to become only 4th World Allergy Organisation Global Centre of Excellence (2017). I have innovated the delivery of allergy care locally & nationally.

Excellence in clinical leadership: contributed to financial stability of my Trust, through leadership of a large clinical directorate (>£49m in 3 yrs) & led projects with national impact, e.g. a unique Rare Disease Centre. First paediatrician elected as President of BSACI (2017) & continue as Trustee of AllergyUK, significantly raising profile of allergy.

Excellence in Education: As founding director of the Allergy Academy, changed landscape of postgrad Allergy education, raising >£1m in sponsorship for education since 2015, with >1,000 HCPs attending courses each year. Finalist in 2018 BMJ Awards.

Excellence in Research/Innovation: My research has had international impact, as part of a group whose work has changed allergy prevention public health policy globally. Published 37 peer reviewed papers since 2015, achieving an H index of 25 & i-10 index of 50, cited 4,012 times. Senior author of international guideline accessed 130,000x. Work recognised by Allergy UK Innovation Award (2018).

Name: SALLY-ANNE HULTON

GMC/GDC Number: 3223549

Speciality: PAEDIATRICS

- As President of the British Association for Paediatric Nephrology (BAPN), I lead dynamic organisational change through restructure & liaison with the Renal Association (as RA Vice President), resulting in improved governance, quality assessment, communication & professional support, enhancing superior renal care for children.
- I am Chief UK Investigator for all the first in human trials that translate RNAi to
 oxalosis drug therapies, integrating clinical service delivery with research to
 maximise care. This ground-breaking research reveals possibility of eliminating
 dialysis & combined liver kidney transplant, (currently the only effective therapy
 available), ultimately improving quality of life & NHS cost.
- Described as "deeply committed to patients & their wellbeing", with no patient complaint ever to date, I care for the largest number of UK children with oxalosis. I developed & maintain a world class service for children with rare renal metabolic disorders, providing leadership for this in Europe. Recognised as an international Hyperoxaluria expert, I advance & support research infrastructures & databases (OxalEurope), to which the largest number of patients worldwide is recruited.
- Fostering education: I am acknowledged as "a role model teacher", mentor &
 CSAC Advisor, receiving West Midlands Best Educational Supervisor Award 2018.

Name: KAREN LUYT

GMC/GDC Number: 3652242

Speciality: PAEDIATRICS

As a clinical academic neonatologist, I lead a research programme focused on improving the quality of perinatal care and reducing the number of babies who die or suffer from brain injury in the perinatal period. I'm chief investigator of studies with a 5-year grant income of £3 million and £560K in postgraduate fellowship funding.

I conceived and led the development of the PReCePT (PReventing Cerebral Palsy (CP) in PreTerm Labour) project, to translate a neuroprotective intervention into routine clinical practice. Magnesium Sulphate, given to mothers in preterm labour, reduces CP in babies by 40%. I'm leading the implementation of this work nationally, funded by The Health Foundation and NHS England. PReCePT is one of 7 national programmes, delivered through the AHSN Network and will be adopted by all 152 maternity units in England. The impact of full adoption will be prevention of several hundreds of CP cases every year, with lifetime healthcare savings of millions of pounds.

I led the bid for developing the National Child Mortality Database and associated Quality Improvement workstreams (£1.79 million; partnership of Universities of Bristol, Oxford and UCL Partners). The objective is to understand modifiable mortality, to reduce premature death in children.

All metrics represent improvements May 2014-2019, since Bronze award.

Name: KIRIT ARDESHNA

GMC/GDC Number: 3483949

Speciality: PATHOLOGY

REGIONAL LEADERSHIP FOR HAEM MALIGNANCIES

- 2014: As London Cancer Pathway Director, I successfully led the redesign of haem-onc services for patients across NC & NE London & West Essex. As Clinical Director for Cancer at UCLH, I then went on to implement these changes (2014-16), including the successful merger of the UCLH & Royal Free Haem-onc units, to form the largest & most highly specialised unit in Europe.
- 2015-16: Developed from scratch the UCLH Specialist Haematological Malignancy Diagnostic Service - thus providing high quality diagnostics for North Central London and beyond.

NATIONAL GUIDELINES

Co-authored 5 national guidelines for British Society of Haematology - leading & improving UK practice.

CHANGING PRACTICE INTERNATIONALLY THROUGH MY RESEARCH

Chief Investigator (CI) of an International Phase 3 randomised trial of rituximab vs a watch & wait strategy in patients with asymptomatic follicular lymphoma. The results have been practice changing, with rituximab now being recommended as standard by NICE in 2016 NHL guidelines.

EARLY PHASE TRIALS

- Developed UCLH early-phase trials portfolio in lymphoma (particularly commercial studies), thus making exciting new agents (particularly cellular immunotherapy) available to patients across South England.
- Recruited 6 more consultants to work within the Early-Phase Cancer Research Facility.

Name: HEIDI ANN DOUGHTY

GMC/GDC Number: 3123670

Speciality: PATHOLOGY

Since 2015, I continue to build on my earlier transfusion capability work through further policy and advocacy. Moran (2018) stated an additional 1,600 severely-injured patients survived since major trauma reforms (2012-2017). Transfusion developments were cited as a significant contributor to the 20% increase in survival.

As co-chair of the NATO blood advisory group (2016-2018), I led delivery of NATO Standard 'AMedP1.1' (2018), with related documents for 19 countries. We co-authored position statements on tranexamic acid (2015) and pre-hospital resuscitation (2016) and gave evidence to the United Nations (2017). I was awarded Blood Banker of the Year (2017) by the THOR-Remote damage control resuscitation network.

My travel fellowship in 2016 examined the re-introduction of whole blood in Bergen, Norway and informed the 2018 civilian pre-hospital UK feasibility study. In 2018, I completed my PhD entitled 'Recent developments in military transfusion practice and their impact on civilian healthcare'.

Our military-civilian team delivered the 2018 NHS England Clinical Guidelines for Major Incidents and Mass Casualty Events (Gateway Ref 08649). As chair of the National Blood Transfusion Committee's Emergency Planning working group, I led the successful delivery of 2019 Emergency Preparedness guidance for Hospital Transfusion Teams.

Name: STEPHEN ROBINSON

GMC/GDC Number: 3659191

Speciality: PATHOLOGY

- 1. Clinical Director Bristol Cancer Institute. Since 2016, I have been leading a redevelopment plan (up to £15M) of the Bristol Haematology Oncology Centre, to cope with expanding activity and novel cancer therapies. We have secured £1million charitable funding for ward renovation. I have overseen the appointment of 10 consultants, development of Advanced Clinical Practitioner (ACP) roles and the introduction of electronic prescribing. I oversee all clinical governance activity and ensure all learning instituted. The hospital was rated as "outstanding" by the CQC in 2016.
- 2. I am the scientific secretary of the Lymphoma Working Party (LWP) of the European Society for Blood and Marrow Transplantation (EBMT). We published 30 papers since 2015. I have published 20 papers since 2015 and have written national & international guidelines. This work is all unpaid.
- 3. Chimeric Antigen Receptor T cell (CAR T) therapy. Established CAR T service for lymphoma patients and provided regional and national education about CAR T therapy. I sit on the National Clinical CAR T Panel (NCCP) that oversees CAR T therapy in England. I am a member of the EBMT working group on CAR T therapy.
- 4. I have set up and run regional and national education meetings on lymphoma and transplantation and am hosting the 15th EBMT Lymphoma Education course in 2019.

Name: DAVID SNEAD

GMC/GDC Number: 3288182

Speciality: PATHOLOGY

I have established digital pathology (DP) for diagnostic histopathology, proving it's safety and paving the way for efficiency gains and quality improvements; it offers to be realised across the NHS. This work is leading to widespread adoption of this technology across the UK.

I set up and lead PathLAKE, one the 5 national centres of excellence established to deliver the benefits of artificial intelligence in DP and radiology for patients and the UK economy. This project was awarded £14.2m funding, which is delivering algorithm research and the digitisation of 5 major pathology departments across England and Northern Ireland.

I established UHCW NHS Trust as a global exemplar site for the use of digital pathology in diagnostic histopathology and attracting an additional £2.2m in research funding from NIHR for digital pathology.

I am the organiser of the UK National Pulmonary Pathology External Quality Assurance Scheme. I have doubled the number of participating pathologists in the last 8 years, making it relevant to more pathologists, to drive up the standards of pulmonary pathology across the NHS.

As clinical lead for cellular pathology for the past 10 years, I have transformed the department providing a fully sub-specialised, high-quality diagnostic service with in-house molecular diagnostics and achieved full UKAS compliance.

Name: GARETH THOMAS

GMC/GDC Number: D 63603

Speciality: PATHOLOGY

I am an internationally recognised clinical academic, leading one of the UK's most successful pathology research groups. I am principal/co-I for grant income ~£28.7M (£9.7M since 2015). I have published 130 papers (47 since 2015) and been an invited speaker on 57 occasions (25 since 2015). I have supervised 22 PhD & 5 MDs (8 since 2015; 12 local, 17 national, 6 international research prizes awarded).

I hold several national pathology leadership positions; in 2017, I was elected Chair of the Pathological Society of Great Britain & Ireland (PathSoc) Research Subcommittee; in 2016, I was appointed to the National Cancer Research Institute (NCRI) Cellular & Molecular Pathology Initiative (Workstream Lead & Member of Executive Committee); I sit on the Royal College of Pathologists Research Committee.

I am Chief Investigator of one of the largest UK head & neck cancer studiers (UKCRN 8130; >1,200 patients recruited). I am co-investigator & pathology lead on two first-in-class immunotherapy clinical trials in head & neck cancer. I sit on the NCRI Clinical Trials Pathology Advisory Steering Group.

I sit on grant panels that review major clinical research programmes; in 2017, I was appointed to the National Institute for Health Research (NIHR) Senior Fellowship Panel. I sit on Cancer Research UK's Experimental Medicine Expert Review Panel.

Name: ANTHONY WILLIAMS

GMC/GDC Number: 3666652

Speciality: PATHOLOGY

At a Regional Level, I have delivered clinical excellence in the following areas:

- Clinical Director of the Wessex Genomic Medicine Centre (2015-present), enrolling all 9
 Wessex Trusts to the NHSE 100K Genomes project. Recruitment of >4,000 participants
 and top centile performer for Rare disease and Cancer results return (Jan 2019).
- Laboratory Lead for University Hospital Southampton (2016-present), securing the Wessex, Oxford and West Midlands Genomic Laboratory Hub in 2018. Appointed as GLH Deputy Clinical Director and Lead for Cancer Genomics (2019).

At a National Level I have delivered in the following roles:

- Member of the NHSE GMC Genomics Board (2016-17) and Cancer Transformation group, developing the Cancer testing directory for the new Genomic Medicine Service (2018).
- Director of the NIHR/CRUK Experimental Cancer Medicine Centre (2015-2018), successfully renewing the Southampton ECMC as part of a £8.2M CRUK/ECMC Centre renewal (2017-2022) and Director of the CRUK Centre for Drug Discovery (CDD) Biomarker Centres of Excellence (2017-2018), establishing the Wessex Investigational Sciences Hub Laboratory as one of 4 National Centres of Excellence.

Name: ANANTA DAVE

GMC/GDC Number: 4495066

Speciality: PSYCHIATRY

Since 2016 award, led in:

Suicide Prevention (SP)

Pioneered and developed bereavement support regionally (2018)

Raised public awareness of suicide, self-harm through national media ('18/19)

Helped develop national crisis support tool, '18

Regional suicide rates in lowest quintile

Shaping national policy - Mental Health (MH)

Contributed to Royal College of Psychiatrists (RCPsych) work on:

- Led National Institute for Health and Care Excellence (NICE) consultation responses to Child safeguarding & Looked After Children, influenced guidelines review (2018/19)
- Responses to national policies MH Green Paper, NHS Long Term Plan, MH Law review (2017-19)
- Co-author, Reports on confidentiality, safe services, impacting practice of >3,000 Psychiatrists (2016-18)

Developing leadership in the NHS

Team medical lead - Children and Young People's service rated outstanding for caring by Care Quality Commission (CQC), Feb '19

Mentoring lead-trained >150 doctors nationally (2017-19)

Contributed to WRES (Workforce Race Equality Standard) roundtable on promoting diversity in medical leadership, member of 12 senior NHS appointment panels. Influenced diversity in appointments (2016-19).

Achievements

Awarded 2019 Churchill Fellowship for SP

First woman Vice-President/President-Elect-British Indian Psychiatric Association (>500 members) 2018

Name: SIMON GILBODY

GMC/GDC Number: 3477939

Speciality: PSYCHIATRY

I am a leading Professor of Psychiatry who founded an internationally-regarded research unit (addressing NHS & global mental health priorities). I deliver innovative NHS services that align with my research. Since my Bronze award my clinical academic leadership & research impact have grown.

I give four recent examples:

- I have delivered a portfolio of NIHR-funded trials to maximise mental health in people with complex physical health problems (the CASPER+ & MODS trials). These inform NHS & international guidelines.
- My research programme into smoking & mental health has produced novel results, which
 form the basis of NHS guidance. Effective & efficient quit smoking services can now be
 delivered at scale to address this health inequality.
- I lead the largest ever cohort (n=7500) to examine the physical health of people with schizophrenia. This benchmarks physical health & reduces health inequalities for this leftbehind group.
- 4. There has been a step-change in my leadership roles:
 - a) I delivered a successful NIHR CLAHRC in mental health;
 - b) Director of the UKRI Closing the Gap Network to reduce health inequalities in severe mental illness;
 - c) In 2018 I secured funding and became Director of the £2M NIHR IMPACT Global Health programme (building capacity & delivering trials in Pakistan, India & Bangladesh to improve mental health).

Name: ALEX O'NEILL-KERR

GMC/GDC Number: 4373885

Speciality: PSYCHIATRY

I maintain an active clinical case-load, developed innovative clinical pathways that reduce cost by improving efficiency such as rTMS, nurse administered ECT.

- Part of the executive team that took the trust from a CQC rating of good overall in 2017 to outstanding in 2018, outstanding overall and outstanding for care and well-led.
- HSJ award Trust of the year 2018.
- Nurse Administered ECT (NAECT).
- Clinical rTMS 2014 for treatment resistant depression.
- Initiated Ketamine infusion for treatment resistant depression 2014.
- Ketamine infusion and TMS in patients with moderate to severe depression with acute suicidality as an alternative to ECT.
- I want great care implementation 2014 100,000 individual responses since inception.

Teaching and training.

- Appointed a visiting Professor in neuromodulation at the University of Northampton 2017.
- National and international lectures on rTMS, Ketamine infusion, ECT and NAECT.

Research

 Revised the Trust research strategy and secured employment of a head of research and 2 research fellows to implement the strategy, including setting up a central research hub 2015-18.

Wider NHS

- NCAS Clinical Assessor (8 assessments)
- RC Psych ECT and related treatments committee co-opted member and lead for rTMS 2014 to June 2018

Name: PETER HORBY

GMC/GDC Number: 3589395

Speciality: PUBLIC HEALTH MEDICINE

Major new achievements:

Service delivery & improvement

- Ensured UK resilience to emerging viral threats by developing the patient-based theme of the UK Public Health Rapid Support Team (PHRST; 04/16 -), and by providing independent scientific risk assessment and mitigation advice to the Department of Health and Social Care, as Chair of the New and Emerging Respiratory Virus Threats Advisory Group (NERVTAG; 05/18 -).
- 2. Enhancing regional preparedness for epidemic threats by leading pan-European studies of arbovirus infections (enrolled 700 patients from 21 sites since 05/16) and acute respiratory infections (1,400 patients from 35 sites since 10/15) and building on this foundation, to help create a sustainable European infectious disease clinical research infrastructure.

Service leadership

 Shown global leadership in promoting evidence-based patient care and public health responses for epidemic infections, through co-ordination of two large international clinical research consortia (76 partner organisations active in >100 countries) and provision of expertise to many WHO committees.

Research and innovation

4. **Driven innovation** by securing £17 million in grant funding (£14 million as PI) and leading research on avian and seasonal influenza, Ebola, Lassa fever, plague, and emerging enteroviruses (including EV-D68).

Name: JOHN NEWTON

GMC/GDC Number: 2619288

Speciality: PUBLIC HEALTH MEDICINE

I led internationally acclaimed collaborative work to estimate **burden of disease** in the UK, published in the Lancet in 2013, 2015 and 2018 and widely quoted; it forms the basis of much of public health strategy in England both locally and nationally.

In 2018, the CEO of NHS England invited me to present the Health Profile for England to senior NHS leaders, to directly influence the content of the **NHS Long Term Plan**. This and other evidence was acknowledged in the published plan and was used to guide investment in prevention.

In 2017, I **created a new national Directorate for Health Improvement** in Public Health England (PHE). The integration of many of PHE's evidence and advocacy functions required significant personal leadership effort as I reorganised the work of several of the eight Divisions in the new Directorate. Under my overall leadership the new Directorate of some 1,100 staff is now effectively delivering around 40% of all the deliverables in PHE's annual business plan.

In 2017 and 2018, I led the organisation of **PHE's annual conference** in Warwick, probably the most significant single learning and development event for public health in England each year. Attended by 1,500 delegates from across the public health domain, both events were highly praised with excellent feedback.

Name: HELEN WARD

GMC/GDC Number: 2739137

Speciality: PUBLIC HEALTH MEDICINE

My research on sexually transmitted infections & HIV has informed European & English guidance on chlamydia control (2016, 2018), NICE/PHE recommendations on HIV testing (2016), WHO's use of modelling evidence in guidelines (2016), & Gates Foundation's work on HIV Prevention (2017-19).

I head the Imperial Patient Experience Research Centre, leading patient & public involvement, receiving a President's Award for Excellence in Societal Engagement (2018). In 2017-18, my group trained 367 researchers, clinicians & patients, established a resource hub & blog, & developed the Peoples' Research Cafe; an innovative approach being copied in the UK & internationally. My leadership in PPI contributed to my NIHR Senior Investigator Award (2018).

I lead public health education at Imperial, expanding the range & size of courses in response to workforce development needs. I initiated an online Master of Public Health (2019) to expand access. I co-organised a conference on workforce development in public health with the Medical Schools Council, HEE & Academy of Medical Sciences (2017).

I influence public health policy as a member of the Old Oak Park Royal Development Corporation Board (2018-22) & the European Supervisory Board of EIT Health (2017-21), a consortium of >160 academic, industry & public sector partners promoting healthy living.

Name: RICHARD GRAHAM

GMC/GDC Number: 4645744

Speciality: RADIOLOGY

Service Development: I co-led the team that delivered the first DGH NHS Fixed site PET-CT scanner in the UK. In 2015, our scan rate was in the bottom 20% for England, denying our patients this vital diagnostic test, used mainly in cancer and dementia. Scan rate now at the national average, finalists in the BMJ Diagnostic Team of the Year in 2018.

Leadership: National senior leadership positions in radionuclide radiology/nuclear medicine including the advisor to the Royal College of Radiologists. As Deputy Medical Director of my NHS Trust, I have a significant leadership portfolio, which leads to improved patient care. In the Royal Naval Reserve, I was ranked as no. 1 (out of 14) Commanding Officers in 2017. I am a Chartered Fellow of the Chartered Management Institute.

Education: Organised national and international conferences. 39 invited lectures. Radiology section President at the Royal Society of Medicine, where I lead the radiology education programme at this leading medical education charity. Radiology Training Programme Director for Severn Deanery, where I lead a regional teaching programme, which is very well regarded.

Research: Through my leadership work at NIHR, I work to increase imaging research in the NHS. I facilitate research through journal editing and peer reviewing. I edited 69 papers and reviewed 53.

Name: SANJEEV NAYAK

GMC/GDC Number: 5194979

Speciality: RADIOLOGY

I led the development of the largest nationally-leading, pioneering Mechanical Thrombectomy (MT) service at the UHNM, a revolutionary treatment for strokes that has now been adopted nationally by the NHS.

Awards: 17 national award nominations over last 6 years; the most recent over last 2 years include:

- Winner NHS England's NHS70"WINDRUSH Award for Clinical Excellence" 2018.
- Winner THE SUN NEWSPAPER "Who Cares Wins award: Ground-breaking Pioneer 2017"
- "Poll of health and social care's standout stars of the last 70 years": Voted No 2 in 2018.
- 2 HSJ Value Award 2018 Winner- 'Specialist service' & 'Improving the Value of Surgical Services'.
- HSJ Award 2017 Winner- 'Specialised Services Re-design'
- BMJ Award 2018 "Clinical Leadership Team"
- "NHS Hero The Guardian Newspaper", 2018 on NHS70 anniversary celebrations.
- "Everyday Hero" The Sun newspaper 2017.

One of first in UK to implement a new pathway that allows MT to be offered 24 hours after stroke, instead of previous 6-hour period.

Expanded the service to a wider region of **3.5 million** population.

Published **NICE QIPP** document on Mechanical Thrombectomy, which has helped wider NHS in securing commissioning for this new procedure.

I am the Founder of various national educational courses. Local HSRC imaging lead and on advisory board for new technologies.

Name: WILLIAM RAMSDEN

GMC/GDC Number: 2923233

Speciality: RADIOLOGY

- 2014: Awarded the degree of Doctor of Education by The University of Leeds after 6 years of part-time study. This was self-funded and undertaken during my own time (weekends & annual leave). My thesis concerned workplace-based assessment in training, demonstrating how it could be manipulated & results misused, & has led improvements (new RCR forms) to restore its formative ethos.
- 2016-date: Elected Medical Director, Education & Training at Royal College of Radiologists (RCR), commencing a 3-year term. The role is unpaid. I'm a trustee & member of its council. I'm the national lead on education and training, liaising with bodies such as HEE and the GMC. I chair the Specialty Training Board & Heads of Training meetings.
- 3. 2012–: Head of Yorkshire and Humber School of Radiology, encompassing training schemes in Leeds, Hull and Sheffield. I chaired the school management committee, managed the school's staff & trainees, & organised numerous cross-school events including 4 school conferences, faculty development days, simulation training courses & management teaching for senior trainees.
- 2013/2015: Following a competitive process, I was made an Honorary Clinical Associate Professor by The University of Leeds in 2013 & awarded Fellowship of The Academy of Medical Educators in 2015, recognising my achievements in education.

Name: ROBERT BENTLEY

GMC/GDC Number: 3676776/D 60244

Speciality: SURGERY

I aim to improve patient outcomes by promoting high quality care, teaching and training and clinically relevant research.

- As Clinical Director for both King's Trauma Centre (KTC) 2008-2017 and the South East London Kent and Medway (SELKaM) Major Trauma network, 2013- to date, I have led a coordinated multiagency Trauma Network that provides care for 4.5 million people, with the best survival rates each year since 2013, as measured by the National Major Trauma Audit (www.tarn.ac). In 2017, opened KTC's helipad having led the project and raised over £3.5m from charity. I am a national peer reviewer and have advised on terrorist incident planning post London.
- I deliver a regional Adult and Paediatric service that focuses on secondary/tertiary
 Craniofacial and skull base referrals. Despite the complex nature of the work,
 independently validated performance against international benchmarks places me as
 the largest single operator and lowest infection rates.

As London Training Programme Director for Oral and Maxillofacial Surgery (OMFS), 2011-19, I have led a national revolutionary change in the number of trainees emanating from a Medical degree first rather than dentistry presenting at National recruitment.

January 2019 - Jan 2021, Vice President and then President of the British Association of Oral and Maxillofacial Surgeons.

Name: PETER DAVIS

GMC/GDC Number: 3304680

- I am consistently 3rd highest volume oesophago-gastric cancer surgeon in UK with >100 resections (NOGCA 2018). My surgical outcomes & 5 yr survival continue to be exemplary, ranking well above national average (AUGIS Consultant Outcomes (2016-18). Locally, I continue to lead a high performing, innovative upper GI cancer MDT (2009-) & I am upper GI surgery lead, including a large bariatric unit (2016-). Regionally, I am vice chair of oesophago-gastric cancer expert reference group (2017-).
- I am Regional Director (NE) for the Royal College of Surgeons of England (2017-), leading a network of surgical tutors & RSPAs from each surgical specialty. I chair the Royal College of Surgeons NE regional board, organise regional events & represent the college, promoting its role to local stakeholders.
- I am a member of the general surgical SAC & liaison member for Scotland North & East training programmes (2017-). I am a member of the advisory committee for national ST selection, organising recruitment (2017-) & I am quality assurance lead for general surgery, reporting to JCST & GMC (2018-). I am a member panel of question writers for FRCS exit examination (2017-) & MB BS examiner (2016-).
- I am on the **editorial board** for Royal College of Surgeons *update* on emergency surgery (2017-) & regular **peer reviewer** for *British Journal of Surgery* (2017-).

Name: PAOLO DE COPPI

GMC/GDC Number: 6131909

Speciality: SURGERY

Since my last Bronze award, I have led minimally invasive surgery for neonates, as well as pancreatic surgery, and have co-led the complex areo-oesophageal team. Additionally:

- 1. **Fetal surgery for spina bifida repair:** I was part of the team which has developed the first UK service for fetal surgery and has conducted the first open repair for unborn babies with spina bifida at UCLH/GOSH (2018).
- 2. **Tissue engineering:** The regenerative medicine program I lead facilitated the transplantation of a further tissue engineered trachea (2017) and obtained MHRA approval in principle for transplantation of a tissue engineered oesophagus.
- 3. **Families and patients' associations:** I have become patron for 2 of the largest patients' associations for children affected by congenital diaphragmatic hernia (CDH-UK-2016) and oesophageal atresia (TOFS-2017). Since 2017, I have been the UK lead of ERNICA (European Reference Network for rare inherited and congenital digestive disorders).
- 4. Academic leadership: Co-Director of a newly created theme of the new 5-year GOS BRC award for £37 Million (2017). Established the first PhD-GOSH programme dedicated to surgical trainees (2017). Three postdocs of mine have obtained the prestigious Marie Curie Fellowship (2019), as well as independent positions at Toronto University (2018), and King's College London (2017).

Name: OMAR FAIZ

GMC/GDC Number: 4277233

- Service delivery: At St Mark's hospital (SMH), an esteemed specialist bowel centre, I have established tertiary practices in Inflammatory Bowel Disease (IBD) and inherited cancer surgery. The Daily Mail published a Good Doctors Guide for IBD (2018), compiled through clinical peer consensus, where I was listed and described as 'a very good, high volume surgeon at a major centre, supported by an excellent team.'
- Management: Appointed Clinical Director of SMH 2017. The Directorate annual turnover is £56M and comprises 54 consultants across 3 hospital sites. My role comprises: clinical leadership, performance support, governance and strategy development.
- Research: In 2018, awarded Chair of Clinical Practice by Imperial College. Since 2015, supervised 8 research fellows and published 127 manuscripts. Invited to lecture internationally 10-15 times/year. Editor - Colorectal Disease.
- National Leadership: Until 2018, (c2011) chaired the IBD Subcommittee & Pouch Registry for the Association of Coloproctology of Great Britain & Ireland (ACPGBI). Collectively, a Pouch registry report (2017), ACPGBI guidelines (2018) and BSG guidelines were authored (2019). I am current ACPGBI Quality Improvement (QI) Lead and ACPGBI representative for the UK IBD Standards (2019). We are initiating HiPER and STRIVE, two national QIPs.

Name: STEPHEN FENWICK

GMC/GDC Number: 4188898

- Clinical Lead of one of the busiest hepatobiliary services in the UK. Against all benchmarks, patient outcomes are excellent. I have pioneered the concept of an Advanced Colorectal Cancer MDT, offering optimal treatment to patients with this common but devastating disease. I have led our education & training portfolio, attracting the most able young surgeons from around the world. In addition, I am the Lead Cancer Clinician for my hospital.
- Appointed Board Member of the Cheshire & Merseyside Cancer Alliance, & Chair of the MDT Optimisation Programme. This work aims to improve efficiency & effectiveness of MDT working, a national priority, and was driven by the 2017 CRUK publication on MDT working, of which I was the advisory surgical oncologist on the clinical panel.
- 3. I am committed to research. I supervise surgical research fellows and have demonstrated success in applying for grant funding to support my areas of interest. My Randomised Trial on pre-surgery exercise intervention led to the establishment of a pre-habilitation service in my hospital. Currently Principle Investigator for 3 trials.
- 4. NICE CRC Guideline. In 2017, I was appointed to this guideline development group in competition. This critical piece of work will replace existing guidance and form the basis of treatment for this common cancer within the NHS.

Name: DAVID JOHNSON

GMC/GDC Number: 3674781

- I am the Director of the Oxford Craniofacial Unit, one of 4 National Units designated by NHS England as a "highly specialized service". My unit, (one of the largest in the world), performs approximately 80 major transcranial procedures and treats 1,200 outpatients each year. Elected President of the European Society of Craniofacial Surgery (2018-2020) and Chairman of the syndromic section of the Craniofacial European Reference Network (2017-date).
- Since 2013, I have established and led a growing MDT reconstructive service for facial palsy (treating > 340 regional and national patients, i.e. 2.8 x increase in cases since my last award).
- Awarded Oxford DM degree and a Hunterian Professorship for my research in craniofacial genetics. I have 81 publications (40 first/senior author) from 2005-2019 (3,464 citations in total). My *h*-index is 28 (an increase from 19 at my last award). Since 2015, I have given 9 invited lectures, (6 international), presented 15 scientific papers, chaired 6 scientific sessions and published 20 papers all in peer reviewed journals (7 as first/senior author) with 291 combined citations.
- I am a senior examiner for the Intercollegiate Specialty Board in Plastic Surgery (2012-19). Since my last award, I have trained 4 international Craniofacial Fellows and supervised 10 trainees to produce 10 publications.

Name: MICHAEL LEWIS

GMC/GDC Number: 3585683

Speciality: SURGERY

CHAIR NHS ENG/NHSI OUTCOMES REVIEW ST GEORGE'S HOSPITAL: Appointed to investigate Cardiothoracic (CT) Surgery outcomes following adverse NICOR reports at St George's. Convened committee & report to Board & NHSI.

CHAIR CARDIOTHORACIC EXAM BOARD: Appointed through competitive interview. Overall responsibility for exit exam in CT Surgery in UK. Responsible for exam delivery & standards (inc QA), examiner recruitment & assessment & overall exam development. I have a national reputation in education & training. As co-secretary for Society for CT Surgery developed & led specialty-wide delivery of education for Consultants, NTNs, Non-NTNs, Nurses, Allied Health Professionals & Med Students. Obtained over £1million in sponsorship to support above.

CHAIR SUSSEX HEART CHARITY: As co-chair have led governance review in light of KidsCo report findings. Have led structural review, allowing charity to focus on core objectives & develop fund raising capabilities. Over £1.2 million support for Trust & wider Sussex community for last 4 years.

ADVANCED NURSE PRACTITIONER PROJECT: Developed business case, successful application for £1 million funding. Appointed ANP team & have overseen education programme. ANP team now providing 24/7 care. Brighton are first UK Trust to have 24/7 ANP led & delivered cardiac surgery care, throughout unit.

Name: VASSILIOS PAPALOIS

GMC/GDC Number: 4242464

Speciality: SURGERY

- 1. Over the last 4 years, I have increased the use of extended criteria kidneys in our centre, that resulted in 34% increase of deceased donor kidney transplants. I have introduced the use of hypothermic machine perfusion for extended criteria kidneys that has improved short- and long-term post-transplant outcomes. I have developed our living donor kidney transplant programme by including donors with high BMI and promoting living donation among ethnic minorities, with excellent post-donation outcomes. I have also developed our programme of removal of large polycystic kidneys that facilitated kidney transplantation and relieved those patients from significant symptoms.
- I have developed a world-class laboratory for cutting edge translational research on machine organ perfusion for pre-transplant assessment and re-conditioning of kidney and pancreas grafts, aiming to increase the number of organs suitable for transplantation.
- 3. I have a strong and diverse educational portfolio within the Trust, Imperial College, nationally and internationally, with innovative educational projects that lead the way in modern surgical and transplant education.

4. I have led the:

- a) academic work of the transplant surgical team,
- b) development of surgical clinics in our satellite units,
- c) establishment of robust quality assurance programmes.

Name: MALIK SIDDIQUE

GMC/GDC Number: 4508454

- National Clinical Excellence: My high volume clinical & research in ankle replacement led to development & recognition of Freeman, as one of the two best training programs in UK. I performed 103 TAR vs. national average 16 NJR 2015-18.
- Revision TAR: 16 vs national average 4 NJR 15-18. Outcomes published 22 presentations, UK 8 US 14 (9 manuscripts, 22 abstracts), UK BOFAS 6 podium 2 poster & US AOFAS 6 podium 8 posters 2015-18.
- Service Development: Innovated lab facility, satisfaction increased 85% to 96%, productivity improved 650 to 850, RTT reduction 18 in 2015 to 8 months 2019.
 Recognized in UK as the best example of research translation into clinical practice.
- Chair Foot & Ankle Alliance NENC: Leading 9 trusts, 23 specialists on the future NHS England / NHIS strategy on GIRFT & networking.
- Academic development EPSRC collaborator Newcastle University 5-year grant £1m +£150k from industry 18-22.
- Research: 2 Gold Awards (IFFAS) 2015 & 2017, first in the UK
- Funding generated:
 - NIHR HTA Funding £2m;
 - TARVA PI for NUTH 2nd highest recruiter UK 16-19;
 - OARS PI NUTH Funding £219,655, 16-19;
 - CI BOX study, £178,000 grant 2016;
 - Cartilage transplant AMIC 2018, £350,000
- International BOFAS Fellowship: 6 fellows, 4 practicing consultants. Corporate funded visitation teaching 4 UK; 3 EU & 2 US; Teaching course RCS Edinburgh & Glasgow annually.

Name: ANDREW TOMS

GMC/GDC Number: 3614318

Speciality: SURGERY

Local

My National Joint Registry data has improved every year. I am now a positive outlier by 2 standard deviations.

The team I lead had the highest-rated patient outcomes on the "My NHS" website 2018 and in 2017 we were BMJ Surgical Team of The Year finalists.

I was made an Honorary Clinical Professor 2017, to lead and set up a new academic unit.

Regional

I established and lead a regional network for the discussion and audit of Revision Knees in SW.

Since appointed as the NIHR SW Orthopaedic Lead there has been a 271% increase in NIHR recruitment.

I established and run a regional infection MDT, which manages over 100 patients a year.

National

I lead the Revision Knee Experts Working Group.

I initiated and lead the James Lind Alliance Priority Setting Partnership in Problem Knee Replacements.

Research Chair for British Association of Surgery of the Knee.

Partnership project with Public Health England.

International

I was invited to be part of the International Consensus meeting on Infection and contributed 2 important systematic metanalyses.

Research Committee for the European Knee Society 2016/17.

Invited Chair at the World Arthroplasty Congress 2018.

ACCEA SILVER AWARD 2019 Wales

Name: RACHEL COLLIS

GMC/GDC Number: 3170005

Speciality: ANAESTHETICS

As a full time NHS consultant, I have led on a 10-year program of research investigating the management of postpartum haemorrhage (PPH) (2009-19), with sequential funded research projects. This had led to novel insights into coagulation treatment and organisational aspects of the management of PPH and has influenced national guidance. I was awarded the Obstetric Anaesthetist Association (OAA) Honorary Professorship in 2017, for my contributions to academic obstetric anaesthesia.

After securing major funding from the Welsh Government, I led a major all-Wales PPH quality improvement (QI) initiative OBS Cymru (2016-2019). The QI project started in 2017 and in 2018, achieved a 25% fall in major PPH morbidity and 50% reduction in intensive care admissions across Wales, with improvements in all 12 Welsh units. OBS Cymru has received 2 national awards and is shortlisted for a BMJ award.

I regularly speak and teach at national and international conferences about my published academic work, especially on PPH management and organisational aspects of patient safety and quality improvement on the maternity unit.

In nationally elected roles, I have sat on the council of the Association of Anaesthetists (AAGBI) 2012-18) and OAA (2018-date), contributing to internationally recognised guidelines and educational material, all improving patient safety.

ACCEA SILVER AWARD 2019 Wales

Name: SIMON NOBLE

GMC/GDC Number: 4030926

Speciality: MEDICINE

- As chair of the Aneurin Bevan University Health Board (ABUHB) Thrombosis Committee, we have achieved a reduction in preventable Hospital Acquired Thrombosis (HAT), 3 per month to zero. As chair of the Welsh Government HAT Steering Committee (2015-now), I have overseen a national reduction in potentially preventable HATs from 7.4% to 3.7%. Co-author NICE Guidelines (NG89) (2018), advisor Department of Health Scotland (2017), England (2016), Wales (ongoing).
- Provide 330 hours teaching per annum to undergraduate and postgraduate medics, nurses, and allied health professionals. Chair of organising committee for 2018 Association for Palliative Medicine Annual Supportive Care Conference (460 delegates, £36,500 profit). Co-edited Oxford Textbook on Communication in Oncology and Palliative Care.
- Further developed cancer associated thrombosis service: NHS Wales award (2017), runner up BMJ Awards (2018) to a 4 consultant, multidisciplinary service. I have set up similar services in 3 other Trusts. Co-author of 4 clinical guidelines as Co-Chair of International Society Thrombosis and Haemostasis Malignancy Committee.
- Internationally recognised research, including largest lung cancer clinical trial ever (2016). I have £3.4 million new grants, 47 papers, 8 chapters, 1 book. Paper published in Lancet (2019) described as "practice changing".

ACCEA SILVER AWARD 2019 Wales

Name: GEETA KUMAR

GMC/GDC Number: 4577995

Speciality: OBS AND GYNAECOLOGY

Since my last award in 2015, I have advanced my pursuit for high-quality health-care provision, both locally & nationally. I have led on the expansion of **One-stop clinics** (patient-centred, safe & cost-effective service for women with menstrual disorders), by providing inhouse advanced hysteroscopy training to colleagues & incorporating newer, evidence-based treatments in clinic setting. This has helped reduce our day-surgery waiting lists paired with high patient satisfaction.

My clinical **leadership** helped make significant progress towards safe maternity services in N Wales, contributing to our service being **de-escalated** in Feb'18 from Welsh Govt. imposed Special Measures. In 2018, I was appointed as the **Deputy Medical Director** for Safety & Quality.

As **Chair** of RCOG's Patient Information Committee, I lead on the development of information resources empowering women in shared decision-making on their health issues. A **decision-aid** developed by me, endorsed by **NICE**, helping women chose optimal treatment for heavy periods, has been very well received by service-users.

As a **selected Fellow of NICE** & **Lead/member** of NICE & RCOG committees, I have been actively involved in the development of national standards. I've recently been appointed as Visiting **Professor** at Glyndwr Uni & am the **Principal Investigator** for 4 national research trials.

ACCEA SILVER AWARD 2019 Wales

Name: OWEN HUGHES

GMC/GDC Number: 3460533

Speciality: SURGERY

Since consultant appointment, I have been dedicated to NHS service, to work inclusively to deliver efficient, high quality patient-centred care in both general / emergency urology and complex cancer surgery. This has included delivering network pelvic oncology MDTs and surgery, and personally lead supra-regional All Wales testis and renal cancer surgical teams.

I have been devoted to leading training in urology at local and national level. In 2017, I completed 10 years on Welsh Surgical Training Committee, including 5 years as Training Programme Director / Chairman (un-remunerated). As BAUS SpR Education Lead since 2015, I have enhanced and developed a number of national courses to improve training with excellent feedback. In recognition, I have received British Association of Urological Surgeons, BMA and Wales Deanery Training Awards, and have served on the UK Joint Colleges Training Committee for the past 4 years.

I have taken a proactive role in management as Lead for Urological Cancers for the past 5 years. Performance against National Standards has been transformed and have won national NHS Awards for pathway re-design, innovation and patient safety.

I support an extensive clinical research / trials team with high output to peer-reviewed journals and author of 13 papers, including 2 in The New England Journal of Medicine.

Name: LOUISE ROBINSON

GMC/GDC Number: 3064951

Speciality: ACADEMIC GP

Delivering high quality primary care to older people: awarded the Royal Society of Apothecaries William Farr medal (2015) and in 2018, Dame Commander, Order of the British Empire (DBE) for sustained excellence in this area, e.g. lead, United Kingdom (UK) Government Office Foresight Review on older peoples' future care (2015).

Developing evidence-based dementia care: I was GP lead, Prime Minister's second Dementia Challenge (2015-) and National Institute for Health and Care Excellence (NICE) Dementia Care Guidelines Committee (2015-), to enhance the quality of future dementia care. I lead 1 of 3 national Alzheimer Society research Centres of Excellence in Dementia Care (2017).

Research and innovation: I am a National Institute of Health Research (NIHR) Senior Investigator (2017) and the only UK Regius Professor of Ageing (2016). In the last 5 years, I have won £48 million (m) in funding, £28m as lead. I developed the National Innovation Centre for Ageing (£20m) and lead the first UK Global Health Group on Dementia (2017-).

Capacity building in academic primary care: in 2015, I led Newcastle University's first successful entry to the NIHR School for Primary Care Research (SPCR), the top 9 UK departments, which tripled academic GP capacity locally. I was thus awarded Fellowship Royal College of General Practitioners (RCGP).

Name: BRYN BAXENDALE

GMC/GDC Number: 3167555

Speciality: ANAESTHETICS

Since my Silver award (2015) my educational & patient safety leadership has strengthened & emphasised the value of Human Factors in the healthcare sector.

Chair, Health Education England (HEE) Simulation-Based Education Assurance & Development Committee (2018 onwards): I have led the publication of a national strategic framework to direct future commissioning & evaluation of simulation applied to multiprofessional workforce development & safe, effective care for patients.

Chair, Royal College of Anaesthetists Simulation Working Group (2018 onwards): I have led the publication & early implementation of a national strategy, to enhance training & lifelong learning for the UK anaesthetic profession & improve the safety & quality of perioperative care.

Strategic & operational integration of Human Factors (HF) in healthcare (2015 onwards): I have developed national & international networks with safety-critical industries, professional bodies & academic institutions to progress the application of HF science & practice to improve system performance & support staff well-being.

Professor, School of Psychology, Nottingham University (2009-current). This honorary appointment has been renewed every 3 years on merit by University Senate, based on my track record in educational & behavioural research in alliance with academic & industry experts.

Name: MICHAEL GROCOTT

GMC/GDC Number: 3589711

Speciality: ANAESTHETICS

Since 2015 (last CEA award):

RESEARCH LEADERSHIP: NIHR Senior Investigator (2018-); Appointed NIHR National Specialty Lead for Anaesthesia, Perioperative Medicine & Pain (2015; reappointed 2018), led best-ever specialty group performance: >100,000 patients recruited 2016-19 (top 5 recruiting specialty) & 75 portfolio studies. 127 of my total 263 PubMed publications since 2015; Grants: >£23 million (>£10 million since 2015). Lead critical care research for Southampton NIHR BRC.

NATIONAL AUDIT: Chaired National Emergency Laparotomy Audit project team (2012-17); 30-day mortality 11.8% (2013) to 9.5% (2017), estimated 700 lives saved annually; hospital length of stay 19.2 days (2013) to 15.6 days (2017) saving an est. £34 million (2017).

PERIOPERATIVE MEDICINE (POM): led world-renowned POM service at UHS (2014-17), with individualised risk assessment, shared decision-making (10% choose not to proceed), co-morbidity optimisation (25%), perioperative anaemia clinic (50% less blood transfusions) & Surgery School (1 day less hospital stay, 10% less complications). Leading establishment of national multi-specialty Centre for Perioperative Care at Royal College of Anaesthetists.

NATIONAL LEADERSHIP: elected RCoA council (2015-22), Chair Education Training & Exams Board; elected board member Faculty of Intensive Care Medicine (2014-17).

Name: MARY STOCKER

GMC/GDC Number: 4183329

Speciality: ANAESTHETICS

All achievements are since my last award in 2015.

Delivering high-quality service: I demonstrate excellent clinical practice and leadership in day surgery, preoperative assessment and enhanced recovery, evidenced by clinical outcomes and the national top performance of the units I manage, (evidenced by getting it right first time GIRFT team). I have pioneered new major procedures as day cases: hip replacements, mastectomies and emergency day surgery pathways.

Leadership: As President of the British Association of Day Surgery (BADS) since 2016, I have led national day surgery policy including development of the Model Hospital Day Surgery benchmarking tool. As conference secretary for 3 years, I organised our national scientific meeting annually with outstanding delegate feedback.

Teaching: I have developed nationally recognised courses and conferences with exceptional feedback for: medical students, pre-operative assessment nurses, anaesthetic trainees and members of the surgical multidisciplinary team. These focus on patient experience, technical skills, pathway development and team working.

Academic Achievements: My work is nationally recognised with many publications in peer reviewed journals, book chapters, national and international presentations, awards and lecture invitations.

Name: WIEBKE ARLT

GMC/GDC Number: 6042617

Speciality: MEDICINE

I have designed and lead multidisciplinary services for patients with adrenal tumours, (largest in the UK, >150 patients annually) and polycystic ovary syndrome (affecting 10% of all women). I innovate by leading clinical trials and guidelines for patients with adrenal disorders, including the implementation of a new UK Steroid Emergency Card (Dept of Health release scheduled for 2019).

My work has been recognised by major awards, (Society for Endocrinology Clinical Endocrinology Trust Lecture 2015; European Clinical Endocrinology Trust Medal 2016; Berthold Medal 2017, Endocrine Society USA Outstanding Clinical Investigator Award 2019). I regularly teach at national and international training courses and contribute to leading textbooks, (Harrison's Principles of Internal Medicine 2011+2015+2018; Oxford Textbook 2013+2020, senior editor).

I provide leadership to transform patient care, (Chair, Society for Endocrinology Clinical Committee, 2014-2018), support the next generation, (Chair, Academy of Medical Sciences Starter Panel 2016-), and drive translational research through my own research (£7.3million grant funding, including Wellcome Trust Investigator Award 2018, and 103 publications in last 5 years) and as founding director (2015-) of the University of Birmingham Institute of Metabolism and Systems Research with 35 group leaders.

Name: SUNIL BHANDARI

GMC/GDC Number: 3479230

Speciality: MEDICINE

Despite a full-time NHS job, since 2016 I contributed to:

Improving Clinical Services

- International Anaemia research profile Written 2017 Renal Association (RA)
 Guideline
- Top 24% performing units (anaemia);1y Renal Registry survival 92%
- Implemented trustwide IV iron protocol, ensuring safe & efficient resource use
- My implementation of Diafer iron saves ~£79,000/y
- International Speaker ~14 lectures/y

SHAPING EDUCATION & TRAINING (E&T)

- HYMS Teaching Excellence Award winner 2017 & finalist 2018
- Vice-Chair RA E&T Committee
- Co-chair UK Advanced & applied Nephrology Courses
- Co-organised Kolkata; Jordan; Malaysia Symposia 18/19
- PACES Examiner 206 candidates (UK average 69) 41 cycles 2016-18
- Contribute to Inspiring the Future Program Engaging School Teenagers

INNOVATION

- RCPE International Director central to Medical Training Initiative program, filling 109
 UK training gaps
- Developed & implemented new service for patients with polycystic kidneys to reduce dialysis requirement

RESEARCH LEADERSHIP

- Chair NURTuRE Strategic Oversight & Access Committee first & unique kidney biobank for fundamental & translational research
- Speciality CRN Y&H Lead: CI for 4 current portfolio trials & PI for 8 top-5 for UK national recruitment
- Awarded 8 grants since 2016 (£0.5million)
- Published 40 papers
- 3 current PhD/post doc

Name: PATRICK CHINNERY

GMC/GDC Number: 3565366

Speciality: MEDICINE

CLINICAL

Developed neurogenetics service in Newcastle to 2015, then established new service in Cambridge. Led one of 3 pilot sites in 100,000 Genomes Project, recruiting >2,000 participants underpinning Genomics Medicine Centre and NHS diagnostic service development. Clinical trial I led delivered the first ever approved medicine for a mitochondrial disorder.

RESEARCH

Personal research awards £9.5m, including Wellcome Trust Principal Fellowship (2018). Further £46m awarded as lead of NIHR/MRC infrastructure. 174 publications last 5 years, including lead author on JAMA, NEJM, Nature Genetics (x2), Nature Cell Biology, Nature Reviews (x3).

TRAINING

Academic lead for Neurology (Northern Region) until 2015, then Cambridge for Neuroscience (25 trainees). Supervised 11 PhDs awarded in last 5 years (6 clinical), currently 3 PhDs.

LEADERSHIP

Chair of MRC Neurosciences and Mental Health Board (2017-). Co-chair NIHR BioResource for Translational Research Collaboration (2012-). Director, NIHR Newcastle Biomedical Research Centre (2008-2015), then Neuroscience lead NIHR Cambridge Biomedical Research Centre (2015-). Director, Newcastle University Institute of Genetic Medicine (2010-2015), then Head of the Department of Clinical Neurosciences, Cambridge University (2015-). Renewal as NIHR Senior Investigator (2015).

Name: MARTIN COWIE

GMC/GDC Number: 3323676

Speciality: MEDICINE

- Worked with NICE on its acute & chronic heart failure (HF) guideline updates, and Quality Standards, ensuring cardiological input to these national guidelines. Related to this, I have published analyses of national data on the adoption of these guidelines, showing disappointing implementation, and advised the All-Party Parliamentary Group on Heart Disease (2017), NICE, and NHS England on where more action needs to be taken.
- Nov 2016: I was appointed by the Secretary of State as a Non-Executive Director of NICE, sitting on the Board and shaping the strategic direction of guidelines, quality standards, technology assessment, and implementation across the NHS in England.
- I continue to expand my research and implementation work in digital transformation, with an emphasis on remote monitoring of patients with complex cardiac disease, using digital technologies to modernise the way people living with HF interact with their condition & the healthcare professionals advising them. Awarded NHS Digital Leadership award 2017.
- Since my last award, I have increased my activity in communicating science and medicine to the general public, speaking at the Cambridge Science Festival, the Dana Foundation, The Wellcome Foundation, WIRED, and delivering a TED (public) talk in July 2018 at the Royal Festival Hall on "Beating the World's Biggest Killer".

Name: CHARLES KNIGHT

GMC/GDC Number: 3275704

Speciality: MEDICINE

Since my last award:

- I was appointed Managing Director of St Bartholomew's Hospital, a tertiary care
 cardiac centre & London's 2nd largest cancer centre with 2,000 staff & a turnover of
 £300m. After only two years of full operation, the hospital was rated as "good" by the
 CQC, with an "outstanding" rating for leadership. We now treat 40% more patients &
 achieve above average survival (70 lives pa).
- Having led the creation/development of Barts Heart Centre, I am Executive Group
 Director of BHC & Chair of the Cardiovascular Board at Barts Health, heading the
 largest CV system in the UK, treating patients at 5 hospitals with excellent outcomes.
 The BHC was described as "one of the best things the NHS has achieved in a
 decade" by Sir Bruce Keogh, NHS Medical Director, in 2016 & I was a finalist in the
 HSJ Specialist Service Redesign awards.
- I continue to work as an interventional cardiologist & Professor of Cardiology & have published 32 papers in the last five years. I have led the development of Nursing/AHP education & research at St Bartholomew's & established a £100K pa fund for this.

I led a bid to host the National Cardiac Audit (NICOR) & secured £1.5 million funding (HQIP). I served as a member of the BCS working group into out of hours care. I served as a member of the National Cardiology SAC until 2016.

Name: GRAHAM LORD

GMC/GDC Number: 3489873

Speciality: MEDICINE

- As the Director and NIHR Senior Investigator, (re-elected 2019), I led the successful NIHR Biomedical Research Centre (BRC) application (2016). The BRC plays a key role in training and delivers new treatments and diagnostics to patients in the NHS.
- 2. In recognition of my clinical and academic leadership, I was elected as a Fellow of the Academy of Medical Sciences (FMedSci) in 2016. I was appointed as the Vice President and the Dean of the Faculty of Biology, Medicine and Health at the University of Manchester in 2019. My Faculty is a critical component of the realisation of the healthcare benefits of the £6Bn devolved NHS budget across the city.
- 3. I have made important discoveries in translational research (50 high-impact publications, £13m personal, £107m centre grant income and >£300m in commercial funding since 2015) and have established an MHRA-accredited Unit for Cell Therapy (2016). First-in-the-world therapies are given to many NHS patients (2015 2019).
- 4. National Healthcare and Research Strategy: I sat on the Expert Advisory Group of the Government Accelerated Access Review (2015-2016). Our report was published in 2016 and accepted in full by the Government in 2017, leading to the formation of the Accelerated Access Collaborative, which will ensure innovative treatments get to NHS patients rapidly.

Name: PETER OPENSHAW

GMC/GDC Number: 2491589

Speciality: MEDICINE

- Director of international research consortium (HIC-Vac) of 231 members, developing novel vaccines/antivirals. Funded by the MRC, HIC-Vac funds studies of volunteer infection with human pathogens. I am senior member of the hospital respiratory service, leading on Infection in our £90m Biomedical Research Centre (BRC).
- Elected as Imperial's Clinical Consul, I lead on governance, ethics and GMC Fitness to Practice throughout the College. As President of the British Society for Immunology, I led the Society's 3,800 members in strategy, training and innovation. I am founder President of the International RSV Society (2017).
- 3. Vice-Chair of Department of Health's New and Emerging Respiratory Virus Threats Advisory Group (NERVTAG), I am an NIHR Senior Investigator and Fellow of the Royal Society of Biology giving frequent interviews in press/radio/TV on immunology, vaccines and pandemics.
- 4. I am on the Governing board of the European Scientific Working Group on Influenza (ESWI; European-wide grant to prevent pandemic threats), an Investigator on PREPARE (23m Euro EU consortium); Theme Lead: RESCEU (29m Euro study on viral bronchiolitis in Europe, 2017); University lead on EMINENT, a £16m MRC industry/University collaboration on chronic bronchitis and INFLAMMAGE, a £1m grant to perform RSV infection studies in older adults.

Name: KIRANBHAI PATEL

GMC/GDC Number: 4068406

Speciality: MEDICINE

Honoured (2018) with Chair and D. Sc for contribution to cardiology, teaching, clinical leadership and research. Since my 2 HSJ 2014 Clinical Leadership awards, have mentored and inspired as a role model. Overall, I deliver excellent services as a cardiologist and lead in the NHS and beyond.

Cardiology: Manage increasing demand in heart failure and pacing by adopting technology (device remote monitoring) and techniques to enable ~100% day-case elective care and workforce innovation (trained the UKs 1st nurse to pace). Appointed to national cardiac clinical reference group to inform policy and strategy. Research: published (18) in New Eng J Med.

Leadership and Management: As NHS England (NHSE) Medical Director (MD) for West Mids (WM), I led a 99% appraisal rate for 3 years (15-18). I manage risks and fragile services and was commended for strategic capability and diplomacy skills by NHSE National MD (17). I lead WM Clinical senate and networks, ALB alliances, 23 expert advisory groups (EAGs) and chair many STP and WM groups imparting QI across disciplines and sectors.

National and International: Contribute to NHS policy and strategy, e.g. new care model clinical governance, GP portfolio careers. Global health inequality work with Universities and NHS Intl to shape NHS contribution to health systems in Indonesia (18-19) and Thailand (17).

Name: ELIZABETH PLUMMER

GMC/GDC Number: 3659524

Speciality: MEDICINE

Since my last award, I have successfully led my third renewal of both the Newcastle Experimental Cancer Medicine Centre (ECMC) and the CRUK Cancer Centre, providing infrastructure funding in excess of £8M for research staff and doctoral training.

I have contributed significantly to national committees, chairing the CRUK New Agents Committee 2012-2019, completing 2 terms on CRUK Science Committee in 2016 and I am a member of Clinical Research Committee 2015-2021. I am a member of the MRC Precision Medicine Group, UKRI MRC TREEA Group, NIHR Efficacy and Mechanism Evaluation Programme Board, NCRI Strategy Advisory Group and will co-chair the NRCI Annual Conference in 2019.

I lead the regional skin cancer systemic therapy practice, contributing to NICE appraisals, developed regional immunotherapy toxicity management protocols and expanded the early-phase trials activity and team to one of the 5 most active in the UK, bringing access to novel agents to patients across the whole Northern region.

In the last 4 years, I have published 49 peer-reviewed papers (including in Lancet Oncology, New England Journal of Medicine), generated grant income in excess of £10M and been invited to speak at 11 international meetings (including ASCO, ESMO and AACR), and acted on the organising committees and chaired meetings for ESMO, TAT, AACR/NCI/EORTC.

Name: DS SANDERS

GMC/GDC Number: 3559071

Speciality: MEDICINE

Since my last application:

- 1. I deliver a National Service for patients with Refractory Coeliac Disease; my referrals are from across the UK (International mortality >50% our mortality 30%). As a result, in 2017 I was voted the Clinical Nutrition Health Care Professional of the Year.
- 2. Nationally, I developed a propofol anaesthetic out of theatre service in endoscopy, which is a cost-effective model & is transferable across the UK. Patients can find endoscopy intolerable. We demonstrated that discomfort scores during endoscopy reduced from 5/10 to 0/10 using propofol. We have published a joint position statement between the British Society of Gastroenterology (BSG) & Royal College of Anaesthetists (Frontline Gastroenterology 2018). We were shortlisted for the BMJ awards in 2016.
- 3. Nationally, I am an elected Council Member of the BSG (2016). My emphasis is on medical education & I run National Meetings for GI consultants, trainees, GPs, Dietitians & patients. Feedback >90% good/excellent.
- 4. I created an International research group. Since 2015, 108 publications (36 original papers), >£3 million active funding. Senior author >30% of publications, an H-score of >60. However, I am a full-time NHS consultant, as recognition of my research I was awarded the Silver Medal for Nutrition Research (2017) & the Bengt Ihre Award (Sweden) in 2017.

Name: PALLAV SHAH

GMC/GDC Number: 3321818

Speciality: MEDICINE

The research I have undertaken in the past 5 years has been focused on key areas for the NHS & has transformed clinical practice, by enabling treatment of patients with severe emphysema who previously had no effective options. These are now approved by NICE (IPG419, IPG448, IPG465, IPG517 & IPG607).

Despite no allocated formal research time in the last 5 years, I have published 77 peer reviewed publications, 6 chapters & 2 books. This has generated 5,023 citations & my H index is 38. In August 2017, I was appointed Professor of Respiratory Medicine at Imperial College, London.

I am the Chief Editor for Essentials of Clinical Pulmonology, Associate Editor for the journal Respiration & on the editorial board for Lancet Respiratory Medicine.

I have supervised 8 PhD's (3 awarded & 5 active) & 3 M Dres (2 awarded & 1 active).

I have a strong commitment to education & I have contributed to reference textbooks, developed courses & medical educational Apps. I have contributed to the wider NHS as an advisor to the Commission for Human Medicines (MHRA) & to NICE's Special Procedures Group.

Over the past 5 years, parallel to the research I have developed a multi-disciplinary team approach for the management of severe emphysema. Hence, these patients now have access to all the established therapies & new research therapies within the NHS.

Name: SARAH TABRIZI

GMC/GDC Number: 3666535

Speciality: MEDICINE

In the last 4 years I have:

Research

- PI of £12m grant income, published 95 research papers
- Received 9,225 citations. H-Index 75
- Led world's first successful trial of antisense therapy for an adult neurodegenerative disease, Huntington's disease (HD)
- Given 68 invited national/international talks, 5 invited named medal lectures, 28 talks to patients/families & invited speaker 2016 Google Zeitgeist conference.
- Awarded 5 international prizes
- Served on 27 national/international scientific advisory boards & committees, covering clinical & scientific aspects of neuroscience & neurology
- Director & founder of UCL HD Centre since 2016
- Appointed HoD of Neurodegenerative Disease at UCL (2017)

Education

Mentored 6 UK Clinician Scientists. Teach on 3 BSc courses, 4 MSc courses.
 Supervised 20 PhD students

Clinical

- Led the UK's largest NHS MDT service for HD. In last 4 years we have seen 3,957 patients
- · Delivered patient-centric multidisciplinary care
- · Complex HD service awarded specialist NHS England tariff
- Service commended as 'world-leading' by CQC Dec 2018
- Established local clinical service using hub & spoke model, set up Skype, evening & advanced care-planning clinics
- 4 service audits to improve patient care
- Helped develop international standards of care guidelines for drug & non-drug management of HD (2018)

Name: JUAN VALLE

GMC/GDC Number: 3319390

Speciality: MEDICINE

- International Leader in Biliary Tract Cancer (BTC) | My work has defined care for patients in UK and abroad; I disseminate practice by European Society of Medical Oncology (ESMO) guidelines (Valle Ann Oncol 2016); American Society of Clinical Oncology Adjuvant Biliary Guidelines (JCO 2019) and Lancet Seminar (ongoing). I lead within international collaborations, (e.g. EORTC Hepato-pancreatobiliary (HPB) group [Chair, 2018]; National Cancer Institute, USA, 2016).
- UK HPB leader | Co-lead PRECISION-Panc initiative (2018); co-founder Cholangiocarcinoma (CCA)-UK (2019); Clinical Expert for NICE approvals [sunitinib & everolimus (2017) and lutetium (2018)]; re-appointed to National Cancer Research Institute groups.
- 3. **PPI |** My focus is improved patient care: I chaired the CCA Foundation (CCF; USA) 2017 Meeting; CCF Medical Advisory Board member (2019), NET Patient Foundation Expert Clinical Panel (2018), Pancreatic Cancer UK Medical Advisory Board (2016); UK CCA Charity Clinical Advisor, 2018); co-founder of Global CCA Alliance (2019).
- UK/international Neuroendocrine (NET) leader | I train the new generation of experts: European NET Society (ENETS) Advisory Board (2016); speaker at Annual Meetings (2016-19); chair ESMO Advanced NET course (2019); ESMO Faculty for GI and NETs (2017-2021); and The Christie ENETS Centre of Excellence lead.

Name: JONATHAN DUCKETT

GMC/GDC Number: 3195451

Speciality: OBS AND GYNAECOLOGY

Clinical leadership

Chair British Society of Urogynaecology (BSUG) – I have responsibility for running national courses, accreditation of specialist units, providing advice to NHS England, The Cumberlege Review, Parliament and Specialist Commissioning.

Research

Whilst working in a "District General Hospital", I have published 25 peer reviewed publications (2014-18); been awarded prestigious international grants (International Uro-gynecology Association) and been a successful co-applicant on National Institute for Health Research grants. My research has received international recognition and has won prizes at national and international meetings.

National quality improvement

I have led the development of the new HQIP mesh registry and developed a National Clinical Improvement Program. I have been involved in the development of the BSUG database since its inception and oversee its use for national audit. I provided the clinical input for new mesh coding and I co-authored the NHS England Final Mesh Report.

Educational

I am the regional preceptor (ATSM) for the Urogynaecology and supervisor for MDs and PhDs. As Chair of BSUG I have overseen alterations in the training curriculum. I am a regular speaker at National Meetings. Appointments: Prof – University of Kent, Reader - Canterbury Christchurch University, Prof – University Greenwich.

Name: DAVID GARWAY-HEATH

GMC/GDC Number: 3258538

Speciality: OPHTHALMOLOGY

Since my silver award, I've been voted for the 3rd consecutive time onto 'The Ophthalmologist' magazine's power list, ranking in the world's top 20 most influential people in ophthalmology (2018) and as the world's No.1 Mentor (2019).

Notable achievements advancing patient care in the UK and internationally include:

- My 2015 landmark trial in The Lancet, the 'UKGTS', provides the *only* evidence of the
 extent to which vision loss is prevented by the most commonly used treatment
 (latanoprost) for the world's 70m people with glaucoma; 'highly cited' (top 1% of
 Medicine); referenced in 2017 NICE Glaucoma Guideline.
- I co-designed the 'LiGHT' trial (The Lancet 2019), which demonstrates 'laser' is more cost-effective than medical treatment in new glaucoma patients, predicting annual NHS savings of >£1.5m.
- 3. Elected 2018 President of the European Glaucoma Society in recognition of my leadership setting high standards of patient care through mentorship of future leaders, patient and public involvement and standardization of patient-centred, clinical and societal care outcome measures across 30 countries.
- 4. Appointed 2018 lead of the 'whole building design' workstream for the new Moorfields Eye Hospital/UCL Institute of Ophthalmology; my 'creative strategy' was core to the brief for the architects' competition for the £400m NHS project.

Name: STEPHEN KAYE

GMC/GDC Number: 2812531

Speciality: OPHTHALMOLOGY

I am a full time NHS Consultant. I was awarded NIHR & RC Ophth Researcher of the Year (2018) & appointed Editor-in-Chief BMJ Ophthalmology in recognition of my achievements:

1 Academic

Published 72 articles including Am J Transplant. Awarded non-industry grants of £3 191844. Established first Liverpool Research Eye Bank. Led Integrated Clinical Academic Training in Ophthalmology with appointment of 5 NIHR ACFs & 2 CLs. Research supervisor to 6 PhD/MD students - awarded degrees.

2 Clinical

Led 2nd largest UK cross-linking service. Chaired CRG policy group with successful specialised commissioning for kerato-prosthesis (URN1618) & selection of RLUH to provide service. As Chair of Microbiology Ophthalmic Group, provided evidence base for antimicrobial selection policies & monitoring of resistance. First centre for treatment of corneal angiogenesis.

3 Transplantation

Developed NHSBT reports for appraisal. Negotiated access to European Eye Banks & led successful Eye Retrieval Scheme, reducing donor shortages & cancellations. Increased unit's transplant activity from 136 (2014) to 326 (2018). I performed 3rd highest number of transplants in UK (NHSBT).

4 Royal College

Elected to RC Ophth Council & Trustee Board. Delivered the RC Ophth Strategic Plan & Clinical Competency Frameworks. Chaired and developed the Scholar & Awards Programme.

Name: JUDITH HELEN CROSS

GMC/GDC Number: 2927017

Speciality: PAEDIATRICS

- Improved access to specialist care for individuals with complex epilepsy: developed national Children's Epilepsy Surgery Service (since 2012), organising national virtual patient discussion, centralised database and mentoring 3 new centres. 2014-2017, co-lead for pilot European Reference Network (ERN) for Epilepsy surgery (E-pilepsy, www.e-pilepsy.eu); establishing standards & increasing access to care. As Co-ordinator, achieved European Reference Network for rare and complex epilepsies, EpiCARE (www.epi-care.eu) 2016, linking 28 centres in 13 countries to improve diagnosis and management of all patients across Europe.
- Undertaken clinically relevant high impact research for early diagnosis and intervention in childhood epilepsies (>£8.5 million grant income, H index 59); NIHR Senior Investigator (2016-2020), 2 honorary doctorates (2015) and 3 international awards of recognition for contribution to childhood epilepsy (2017, 2018).
- Elected Secretary General of the International League Against Epilepsy 2013-2017, (international body overseeing global standards of care for patients with epilepsy comprising 117 country chapters), re-elected as Treasurer 2017-2021, leading on global initiative on research priorities, guidelines & defining a new classification of seizure types.
- Awarded OBE for services to children with epilepsy 2015.

Name: JOHN SIMPSON

GMC/GDC Number: 3197752

Speciality: PAEDIATRICS

- 1. Elected president of British Congenital Cardiac Association (2017). Wrote statement on reflective practice (2018); given high profile legal cases, e.g. Bawa Garba, to support a culture of learning from mistakes.
- 2. Service improvement: I have led the fetal cardiology service to achieve excellent patient access 90.8% new patients <3 days: 98% nurse specialist support, (far above national average). Led move to new fetal cardiology unit, including co-writing successful £1m LIBOR fines bid and donors engagement (>£400k) to finance move.
- 3. Innovation: Co-applicant (fetal cardiology lead) IFIND project (£12m), using robotics/ machine learning to assist improve prenatal diagnosis. >160 patients recruited from unit leading to development of 3D fetal cardiac MRI to improve diagnosis (Lancet 2019). Principal investigator on NIHR invention for innovation grant using augmented reality imaging to plan surgery / interventions. Patent has been lodged and surgical evaluation showed this superior to standard imaging to impact patient care.
- 4. Teaching: Lead author on new fetal cardiology textbook from Evelina London (Publ. Springer Nov 2018) (>3,400 downloads in 3 months). Online teaching tutorials for basic and advanced fetal heart assessment (114,000 views since 2016). Since Jan 15, 43 publications and successful supervision of 3 MD/PhD theses.

Name: ROGER FEAKINS

GMC/GDC Number: 3575318

Speciality: PATHOLOGY

1. Educational

- Visiting Clinical Professor, Yale University (2019-)
- Developer and organiser of new UK gastrointestinal (GI) pathology conferences (2017-); excellent attendance and feedback
- Editor of new GI pathology textbook (publication 2019)
- Author of chapters in prestigious textbooks (2018-)
- Organiser of international joint symposia: European Crohn's & Colitis Organisation (ECCO) / European Society of Pathology (ESP) (2017-20); with US society (2019-)
- Invited lecturer in >10 countries, including US (2017-)

2. Leadership

- · UK GI pathology expert
- Chair, new Histology committee of ECCO (2017-20)
- Secretary, British Society of Gastroenterology Pathology Section (2019-22)
- GI adviser, Royal College of Pathologists (RCPath) (2014-20)
- Lead, exemplary NHS GI pathology service (2015-18)

3. Standards/NHS

- Pathologist for major inflammatory bowel disease (IBD) standards in UK (2017-) and Europe (2018-)
- Expert panel member, international pancreas cancer dataset (2019-)
- Lead, European IBD pathology audit (2018)
- Pathologist for UK Obesity Action Campaign (2017-)
- Author, 4 RC Path guidelines (2016-)

4. Innovation

- Research active, with grants >£1.5m (2016-)
- Lead, European IBD biopsy dataset (ESP/ECCO/RCPath) (2018-)
- UK member, international consensus on Crohn's fibrosis (2018-)

Achieved as an NHS consultant.

Name: PARESH VYAS

GMC/GDC Number: 3192568

Speciality: PATHOLOGY

I am a world-leading clinician & scientific researcher in Acute Myeloid Leukemia (AML), most common aggressive adult leukaemia and a related condition, Myelodysplasia (MDS).

As 80% AML/MDS patients die within 12-36 months of diagnosis, I bring much needed new drugs to clinic through trials & novel tests, directing patient treatment based on detailed study of disease biology.

- Most impactful achievement: playing a pivotal role in bringing to world clinical practice a new effective targeted first-in-class AML drug, enasidenib, identifying which patients benefit & why patients lose benefit
- With £2.4M/yr of new funding I secured, I established and am Director of the Oxford University Centre of Haematology. I aligned the largest concentration of haematology research in Europe with clinical practice
- I am science lead for UK AML Clinical Trial (largest in world) & stem cell transplant trial networks (transplants are an AML/MDS treatment), chairing panels advising/approving scientific studies linked to trials
- I direct a world-leading translational laboratory that provided new insights in how human blood stem cells mature & how leukaemia arises
- As Non-Executive Director NHS Blood and Transplant, I oversee national clinical & R&D strategy & finances
- As Vice Chair of the MRC Clinical Training Panel, I have a national academic training role

Name: PHILIP MCGUIRE

GMC/GDC Number: 3205138

Speciality: PSYCHIATRY

Since my last award, I have:

- Led 54 clinical teams specialised for psychosis within the SLAM NHS Trust. These
 have provided a safe and effective service for a large population with high level of
 socio-economic disadvantage and a very high incidence of psychosis. Moreover,
 nationally audited metrics of clinical quality have improved over this period.
- Led the successful implementation of the Early Intervention in Psychosis Access & Waiting Time Standard (AWTS) in the SLAM NHS Trust and in services across
 Greater London. Although the AWTS led to a 40% increase in referrals, the standard of >50% being seen within 14 days has consistently been met, and the proportion is now 77%.
- Led implementation of a personalised approach to clinical care in mental health, through my role as Lead for Precision Psychiatry in the Maudsley NIHR Biomedical Centre. This involves the stratification of patients according to clinical outcomes, so that each patient can access the right treatment, in the right place, at the right time.
- Led the development and clinical evaluation of Cannabidiol, the most promising new treatment for psychosis. I have completed two phase II clinical trials and secured £15m of new funding from the Wellcome Trust for a large-scale global trial, designed to lead to its registration as a new medicine.

Name: PJ SANTOSH

GMC/GDC Number: 4441342

Speciality: PSYCHIATRY

 I am a Consultant Child Neuropsychiatrist who developed and leads the Centre for Interventional Paediatric Psychopharmacology and Rare Diseases (CIPPRD), a national Tier 4 centre which provides mental health care to children and young people with complex, severe, and treatment-resistant co-occurring neuropsychiatric and physical disorders, and rare diseases. I am second on-call and have NHS funded academic sessions.

Since my Silver Award, I have:

- Ensured excellent clinical care and patient satisfaction, despite the lack of a second Consultant for over a year and the job requiring at least 15 DCC PAs.
- CIPPRD was the winner of 2015 RC Psych Award for Psychiatric Team of the Year: Children & Adolescents and I won the MQ: Transforming Mental Health & NIHR CRN Service User Involvement in Research Award in 2016.
- Been made Professor of Developmental Neuropsychiatry and
 Psychopharmacology at KCL, given more than 50 invited lectures
 nationally/internationally; have more than 30 new peer-reviewed publications.
- Led and completed the first clinical trial in Rett syndrome within the UK, ensuring NHS patients can access new treatments, obtained large commercial research grants for further Rett clinical trials.
- Developed artificial intelligence algorithms, using clinical data to help risk stratification and personalized treatment.

Name: PETER BRENNAN

GMC/GDC Number: 4120685/D 61831

Speciality: SURGERY

Since last Award (2015), achievements & outstanding contribution to UK Surgery recognised with the most prestigious College accolade: Honorary Fellowship, Royal College of Surgeons (FRCS)

Leadership

Chair Intercollegiate Membership (MRCS) Exam taken by 6,500+ doctors/yr innovating, developing and ensuring quality & standards across UK.

President UK Surgical Specialty Association: organised acclaimed Conference & wrote unique head & neck primary care book/resource funded & sent free to **9,400** GP practices.

Education

Editor 5 books: 'Gray's Surgical Anatomy & Maxillofacial Surgery' (reference books) & **3** widely used & acclaimed specialty books. Co-author of Cancer Research UK Primary Care Online Training Course with **28,000+** users.

Highest Award for Education Excellence by RCS Faculty of Surgical Trainers. Widely published education research benefiting UK Training.

Clinical Research

NHS surgeon with quality, reputation & output metrics higher than most University Academics, placing me as a **global specialty leader**. **150** new papers, **3,067** new citations & **170,853** downloads show productivity, widespread impact & value to others.

Patient safety

Peer reviewed published outcomes & results across my practice. Extensive human factors initiatives improving patient safety, avoidable harm, team working & culture. Submitted a **PhD** on medical error.

Name: KARIM BROHI

GMC/GDC Number: 3563656

Speciality: SURGERY

RESEARCH: My work on improving outcomes from major bleeding has become national guidance (NICE). In the last 5 years, I have published 77 articles and secured £3.9m as PI including NIHR & MRC. I lead the first two studies to involve every major trauma centre in the country. My clinical translation to improved outcomes is considered "remarkable" by the NIHR.

LONDON TRAUMA SYSTEM: As director, I have developed a high-quality trauma system, widely considered best in the world. Many QI projects have produced guidance adopted nationally and beyond. I have delivered frameworks for knife violence reduction and major incident management. There were no in-hospital deaths from the 2017 London Bridge attack.

PATIENT SUPPORT: I run a patient support website (AfterTrauma.org) and launched a recovery self-management app (AfterTrauma). In hospital we instituted AfterTrauma nurse & AHP key workers for care co-ordination. I run a successful national media campaign to raise awareness of trauma.

PREHOSPITAL CARE: I restructured London's Air Ambulance (Barts Health & London Ambulance NHS Trusts & Air Ambulance charity). I delivered clinical and financial clarity. I tripled consultant numbers, to assure advanced on-scene interventions and repair team dynamics. I have just been appointed as Non-Executive Director of the London Ambulance Service.

Name: THOMAS CECIL

GMC/GDC Number: 3330436/D 3330436

Speciality: SURGERY

PERSONAL STATEMENT

As Clinical Director of the Peritoneal Malignancy Institute Basingstoke, I lead the largest centre in the world with over 3,000 cases and now 300 cases a year. We have published the largest global series with a post-op mortality of <1%. I have focused on creating the right culture and environment to support safe delivery and care by a multi-disciplinary team.

I initiated and delivered, in conjunction with the Oxford Transplant Team, a world first pilot-trial of multi-visceral small bowel and abdominal wall transplant in 10 patients with end stage pseudomyxoma peritonei with life changing results, currently being analysed.

I established and chair the UK and Ireland National Peritoneal Mesothelioma MDT, advising and supporting patients and clinicians on surgical options for this rare cancer. I secured funding from Mesothelioma UK for the first UK Peritoneal Mesothelioma nurse specialist supporting patients and research.

Following my role in the successful UK Lapco programme, I set up and established Laparoscopic Train the Trainer programmes; training faculty across different specialities both in the UK and internationally to deliver safe care and increase procedural adoption.

Name: DAVID JENKINS

GMC/GDC Number: 3320680

Speciality: SURGERY

- My clinical work as a cardiac surgeon is onerous. Over the last 5 years, my unit has
 had the best survival for cardiac surgery and transplantation in the UK and is
 internationally recognised with the second largest world series of pulmonary
 endarterectomy operations. I have contributed to this success with leadership and
 excellent outcomes personally.
- I am clinical director for surgery. As well as overseeing improvements to efficiency and morbidity, I have led my unit through two major institutional challenges the implementation of an electronic patient record in 2017 and the preparation for the hospital relocation in 2019.
- Since 2015, I authored >45 major publications with >5,000 citations and an h-index of 30, lead clinical trials and published in NEJM and Circulation. I delivered >30 national/international lectures, including chair of a task force at the world symposium of my sub-specialty.
- I have contributed to my specialty at national level, completing two terms on the
 executive of the Society for CardioThoracic Surgery. I chaired the national audit
 committee and made important contributions to outcome analysis. I am also a
 member of the Specialist Advisory Committee overseeing national surgical training,
 have contributed to curriculum changes and take responsibility for the second largest
 rotation.

Name: IAN LOFTUS

GMC/GDC Number: 3675531

Speciality: SURGERY

Quality of National Service: President of the Vascular Society of GB & Ireland and Chair of National Vascular Registry Project Board, Past President of the British Society of Endovascular Therapy; all driving improvements in vascular service, including the publication of surgeon/unit outcomes. I take overall responsibility for the policy and direction of the largest UK stakeholder in vascular services.

Research: Director of a Clinical Research Facility without an academic contract, Principal Investigator for 19 trials and registries since last award, 62 publications (including New England Journal of Medicine, Circulation), co-supervised 6 PhD students and co-applicant on NIHR UK-COMPASS trial (£1.26m, commenced April 2017).

Education: Developed teaching and training roles nationally and internationally including recent publication of 6th Edition of 'Vascular and Endovascular Surgery'; speaker/coorganiser at national and international meetings including European Vascular Course, London Aortic Symposium and External Examiner for The University of Hong Kong Medical School, Amsterdam UMC and Bordeaux.

Quality of Aortic Service: 2nd highest individual infra-renal aneurysm surgery volume in UK with no deaths in 3 years and lead complex aortic surgeon at St George's, with 3rd highest unit volumes in UK, and outcomes in the top quintile.

Name: ABHAY RANE

GMC/GDC Number: 4061289

Speciality: SURGERY

- Track record in technological innovation: Director, Endourological Society (2013-), European Society for Uro-Technology (2014-); Urology Lead, Interventional Procedures Advisory Committee NICE (-2014), Scientific and Education Committee of The Urology Foundation (2014-). Established unique safe surgical practice umbrella by creating laparoscopic urology peer review groups: 98% positive feedback from participants.
- Organising President, World Congress of Endourology in London in 2015, (largest endourology meeting in the UK to date), raised £300k surplus, allocated to set up 30 training Fellowships for UK trainees.
- Trustee and Associate Director, Royal College of Physicians and Surgeons (2014-); British Association Urological Surgeons representative to American Urological Association (2014-); Chair, Surrey and Sussex Cancer Network (2015-18). In recognition of services to medical education and research, appointed Visiting Professor, Christ Church University (2017-) and Adjunct Professor of Urology, New York (2017-).
- Awarded OBE (2014) for services to laparoscopic surgery: only urologist to date to have been specifically so honoured.

ACCEA GOLD AWARD 2019 Wales

Name: THOMAS CROSBY

GMC/GDC Number: 3352906

Speciality: CLINICAL ONCOLOGY

In Velindre, as clinical lead for Radiotherapy (RT) services, I:

- Led the introduction intensity modulated, stereotactic & image guided RT services, research programmes & accelerated patient pathways
- Established a 4-year £3m Moondance Advanced Radiotherapy Improvement Programme

As SE Wales Transforming Cancer Service (TCS) Programme Clinical Lead, I developed:

- a patient centred, integrated clinical service model for SE Wales
- plans for a new specialist £200m Cancer Centre

As Wales National Cancer Clinical Director, I lead the development & implementation of the Cancer Delivery Plan 2016, including:

- Detecting Cancer Early Programme 2017-
- The Single Cancer Pathway Programme 2012-20

In the UK & Internationally:

- I have led delivery, research & development of oesophago-gastric (OG) cancer services, implementing new technologies & improvements across patient-pathway
- Am Chief Investigator of 3 UK SCOPE series of randomized trials that have published outcomes comparable with best in world
- Am UK Clinical lead for OG subgroup of National Cancer Research Institute
- Am UK Oncology lead for the HQIP National OG Cancer Audit

In 2018/19, I was awarded a Chair from Cardiff University and an OBE in the New Year's Honours List, in recognition of services and research in OG Cancer and to Cancer Services in Wales, respectively.

ACCEA GOLD AWARD 2019 Wales

Name: DAVID THOMAS

GMC/GDC Number: D 58445

Speciality: DENTAL

Since my last award:

- RESEARCH Leading a group across Cardiff & Swansea Universities, personal
 awards totalling £11.49M. Inventing a new class of antimicrobial agents, with clinical
 trials at 49 EU sites starting in 2019; work recognized in 2017 Cardiff University &
 2018 National-Innovation awards. Delivering >25% total School research
 expenditure, I was lead-supervisor of 29 higher-degrees.
- CLINICAL I lead a world-class, patient-centred, cost-effective service for implant
 patients with complex bone/soft-tissue defects. With outstanding published success
 rates; >140 delegates from EU, Scandinavia & N. America attended the clinical
 training courses I lead; work recognized in election to:
 - Presidency of my specialty association (ABAOMS),
 - a King James IV Professorship (RCS Ed) and
 - an RCSI Fellowship (2019).
- LEADERSHIP Securing £1.54M from DoH, I led the Wales Clinical Academic Training Programme (largest in UK Dentistry). I lead the UK's largest full-time Masters Programme in Implantology; having led independent NHS safety - & international, government-sponsored reviews.
- TRAINING An SAC member and College examiner at all levels of specialty training; designing the new Welsh Oral Surgery training programme, I trained 5 HST PhD/MD medical Clinical Fellows from 4 NHS Trusts; their awards include a Syme Medal & Hunterian Professorship.

Name: TIMOTHY COOK

GMC/GDC Number: 3261734

Speciality: ANAESTHETICS

Director of the Royal College of Anaesthetists National Audit Project (NAP) Program. I have led this program - internationally recognised as the leading research program into major complications of anaesthesia – for 12 years. During this time, it has transformed anaesthetic practices (>98% UK hospitals), improving safety. Editor of 5th & 6th National Audit Projects (NAPs).

NAP5 Accidental Awareness during General Anaesthesia (2015 with J Pandit) & NAP6 Life-threatening Perioperative Anaphylaxis (2018 with N Harper) are both the largest ever studies of these topics, of great importance to both patients & clinicians. Each study's major complications of >3 million anaesthetics across four UK countries. With my co-leads, I co-ordinated ran & analysed the projects & substantially wrote & edited the project report.

Ranked 1st globally for Anaesthesia airway management research output over last 30 years: 1st rank for overall & annual productivity.

Co-lead for research & QI that has halved local mortality after emergency laparotomy from 12 to 6%. Our methods & bundles used in other regions – also leading to reduced mortality.

I used research to show nationally proposed new equipment (**non-Luer neuraxial connectors**) to be unsafe. I was able to delay introduction, argue for revision & evaluate revised design showing safety. Now introduced.

Name: DAVID MENON

GMC/GDC Number: 3379361

Speciality: ANAESTHETICS

CLINICAL: I established the first neuro-ICU in the UK, which now serves a Major Trauma Centre for 3.5 million and is rated by CQC as Outstanding for Effectiveness & Care. Member, NICE Guideline Development Group on Traumatic Brain Injury (TBI; since 2014). Leadership role UK critical care audit (Management Board, ICNARC since 2010); international guideline development (since 2011).

RESEARCH: Emeritus NIHR Senior Investigator; 210 peer-reviewed publications since Jan 2014 ('h' index: 68). Current grants >£30 million. I co-ordinate: 30 million Euro EU CENTER-TBI study (since 2014), International consortium on neuroinflammation in TBI (ICON-TBI; since 2017), and 12,000 patient GAIN study of genetic associations in TBI (since 2014). Joint Director, NIHR Global NeuroTrauma Group (since 2017): Chair European Brain Injury Consortium (since 2010); Tripartite Lead (from 2019) of InTBIR (NIH/EU global neurotrauma platform).

TRAINING & EVALUATION: My Dept supports 10 NIHR posts & Global Health training. I supervised 5 PhDs since 2014. Our work has used novel methods to study "never events" (2018). Panel member, 2021 Research Excellence Framework.

POLICY IMPACT: Lead, Lancet Neurology Commission on Traumatic Brain Injury (released EU Parliament, 2017); Executive Editor, Report of All-Party Parliamentary Group on Acquired Brain Injury (2018).

Name: JOHN BELL

GMC/GDC Number: 2501709

Speciality: MEDICINE

Since 2014:

- 1. I have implemented a new genomic strategy for the NHS at a national level. I was central to the creation of Genomics England, sit on its Board & chair its Science Committee. I co-chair the National Genomics Strategy Board with Baroness Blackwood & I have been the key figure in introducing polygenic risk scores into the NHS through the Early Diagnostic Cohort.
- 2. I have worked with senior Government Ministers to develop & launch the Life Sciences Industrial Strategy (Oct '17) & the Accelerated Access Review (Oct '16). The LSIS has been the most successful of all industrial strategies & has brought in £3b worth of industry investment, much of which has gone to improve clinical pathways with new technologies.
- 3. I lead the Early Diagnostic Cohort, a 5 million patient cohort supported with £250m of funding from industries, charities & Government, intended to change the paradigm for diagnosis & treatment in the NHS & to allow diagnosis to occur in an early, pre-symptomatic-phase to improve outcomes across all the major diseases. This will provide the evidence that will allow the NHS to fundamentally change its model of care.
- 4. I chair the Oxford Academic Health Sciences Centre & have been responsible for the development of the Old Road Biomedical Campus that now houses 3,000.

Name: MICHAEL HANNA

GMC/GDC Number: 3353945

Speciality: MEDICINE

Since last award 2015 I improved safety, quality, outcomes and research access for NHS patients

National Specialist Services 2017 successful expansion application for 2 NHSE highly specialised services I lead, forming 1st UK national paediatric channel service; income rise £1.4-2.0m pa.

New care model 2017 I **re-audited** 361 unplanned urgent neuromuscular patient admissions in 10 NHS Trusts. This showed the new care model and network I developed had reduced unplanned urgent admissions to 21% (from 40% in 2012), improved care & saved NHS ~£5m pa. I co-led successful business case, extending unit opening 5 to 7-day 2018.

As Director MRC Centre since 2015 led successful research - I supported 58 clinical trials/studies, 3 trials lead to licensing, graduated 14 PhDs, & 78 papers & £17m funding. 2018, I secured new MRC strategic award as PI £5.6m for International Centre for Genomic Research.

Research Leadership reappointed in open process as Director Institute of Neurology 2016-21; 900 staff, 550 students; increased turnover/grants from £69m to £81m & dementia patients in trials 400%. I had central role securing £250m MRC National Dementia Research Institute at UCL 2016. I lead successful infrastructure bids to HEFCE RPIF £29m 2017 & to Wolfson £2m 2018. Played major role in successful programme for new £281m Institute build opens 2023.

Name: NICHOLAS WOOD

GMC/GDC Number: 3137097

Speciality: MEDICINE

Translational research

My research has led to improved diagnosis and care for genetic neurological disorders. Since last award: I have discovered 7 novel genes (dystonia, Parkinsons and ataxia). These discoveries have formed the basis of gene panels for diagnostics. We are the highest single unit contribution to 100,000 genome project (23%); I have established a pipeline (staff and equipment) to allow rapid implementation.

Research excellence (2018) - Clarivate Highly Cited researchers – top 1% of all scientists in the world.

Leadership

I led the Neuroscience bid for NIHR BRC award in 2017 (25M of 111.4M). I developed and implemented a strategy: to reorganise acute stroke care (e.g. >70% MRI at baseline); establish a movement disorders centre for clinical trials (6 new trials); to deliver first in human novel therapies (e.g. gene therapy for epilepsy); to establish AI approaches to healthcare.

Innovating therapeutics

PI for the Leonard Wolfson Experimental Neurology Centre (2012-2019, £20M). The first in the UK. Since opening in 2014, it has conducted 44 highly innovative early-phase studies.

Industry engagement

Vice-Dean for Research, I established strategic partnerships with biopharma leading to a 1.25M investment in drug target validation - Takeda, and £1.75M - Eisai to develop early career researchers in neurodegeneration.

Name: CHARLES CRADDOCK CBE

GMC/GDC Number: 2605005

Speciality: PATHOLOGY

I am an international authority in the treatment of acute myeloid leukaemia and have led practice changing innovations in stem cell transplantation, through delivery of large randomised trials. I was the first in the world to establish the principle of post-transplant maintenance therapy - now widely employed as a strategy to improve transplant outcome.

I led the £3.4 million expansion of the Centre for Clinical Haematology which doubled its clinical and academic footprint. Opened in 2018, this initiative has transformed clinical service and trial delivery at a major tertiary hospital. Funded by a grant from the Local Growth Fund, it creates an innovative funding model for the NHS.

I led the development of, and secured £12 million Government funding for, the Institute of Translational Medicine, which opened in 2016. This 6,000 m2 facility, Birmingham's largest investment in academic infrastructure for 30 years, has facilitated the delivery of £70 million grant funding and created 400 new jobs.

Building on the success of the national haemato-oncology Trials Acceleration Programme, I led the delivery of IMPACT - the UK's first stem cell transplant trials network and one of only two globally. Launched in 2017, it already has developed a portfolio of practice-informing randomised trials, attracting new grant funding of £15 million.

Name: CHENG HOCK TOH

GMC/GDC Number: 3076503

Speciality: PATHOLOGY

Since my last award, achievements have included:

- Clinical Awards: I received the 2016 NHS Northwest Leadership Academy Prize for leading an Outstanding Clinical Team, in addition to national accolades from the Patient Experience National Network [2016] and the UK Anticoagulation Achievements Awards [2018].
- National Leadership: In 2018, I was elected Academic Vice-President of the Royal College of Physicians London. I am also President of my specialist society - the British Society for Haematology [2018-20] and National Haematology Network Lead for the National Institute of Health Research [2015-22].
- Research & Innovation: Since 2015, my research has led to a further patent award and two patent applications. My research income totals over £6.7M since 2015, comprising £3M in grants, £1M from clinical trial involvement, and £2.7M from my spin-out company (Sepsis Ltd), where investment from Innovate UK and Department of Health (DoH) has enabled job creation.
- Educational Leadership: I am Senior Fellow of the UK Higher Education Academy
 and have developed the first European Haematology exam [2017], secured DoH
 funding for a Clinician Researcher Credential [2018] and developed Haematology
 within LabSkills Africa a Royal College of Pathologists programme, which won the
 2016 Times Higher Education Award.

Name: COLIN DRUMMOND

GMC/GDC Number: 2554329

Speciality: PSYCHIATRY

- Leading the King's Health Partners Alcohol Strategy (2013-), developed innovative alcohol treatment services in primary care and emergency departments, plus developed new alcohol services across King's Health Partners, which were awarded £4m funding since 2016.
- 2. Leading the alcohol research group at King's College London (2007-); currently have over £25 million of research grant funding.
- 3. Key national leadership roles in shaping addiction treatment and policy:

Chair of Public Health England Alcohol Treatment Expert Group (2016-); Chair of Addictions Faculty, Royal College of Psychiatrists (2014-18); leading service improvement and training nationally. Impact on government recognition for the first time of problem gambling as a public health issue in the new NHS plan (2019). As Chairman of the Medical Council on Alcohol, leading on alcohol training in medical schools nationally (2011-).

4. Substantial contribution to UK alcohol policy and the NHS by providing expert advice to several government departments in England, Scotland, and other European governments, and chair of NICE guideline group on treatment of alcohol dependence. I have also had an international role with WHO in developing expert reports on alcohol policy, which has influenced the WHO's global alcohol strategy and global mental health guidelines (mhGAP).

Name: TIMOTHY KENDALL

GMC/GDC Number: 2825768

Speciality: PSYCHIATRY

I lead one of the most ambitious national modernisation programmes in mental health in the world, including: the development of community perinatal services; the introduction of the first ever waiting times in mental health in eating disorders in children, in psychosis and in talking therapies for common mental health problems; and now an additional £2.3 Billion per year for core community and other services in mental health.

I developed the first national patient safety programme in mental health (with Secretary of State). I provide clinical advice to the Secretary of State, Ministers, the inter-ministerial group on mental health. I led the development of NICE guidelines in Mental Health (until mid-2016) and more recently the Access and Waiting Times/Clinical Pathways programme (2014-onwards) to underpin the national programmes.

I led the evidence reviews for the development of a Green Paper on the Transformation of Children's and Young People's mental health in schools –implementation began January 2019. I led the planning and hosted the first ever Global Ministerial Summit on Mental health (Oct 2018), attended by 60 countries, 30 ministers, the Duke and Duchess of Cambridge. I continue to lead one of few consultant-led mental health services for homeless people within England. I was awarded an honorary doctorate this year.

Name: CAROL BRAYNE

GMC/GDC Number: 2712112

Speciality: PUBLIC HEALTH MEDICINE

Major clinical and service contributions and achievements since Gold (2013) and renewal (2018):

- 1. My work as a senior public health figure and academic (HI-112, G-Citation top 3,160 globally) has resulted in significant influence on local, regional and national initiatives that have moulded national policy (for example in dementia diagnosis NHS England, risk reduction policy Public Health England). My contributions have been recognised in election to the Academy of Medical Sciences (2013), renewal as National Institute of Health Research Senior Investigator (2017). In 2017, I was awarded the CBE for services to Public Health Medicine.
- Leadership of Public Health at Cambridge University as Director of its Public Health Institute renewed 2018 (incl. NIHR School for Public Health Research membership, BRC Evaluation and Implementation & CLAHRC East of England Dementia, Frailty and End of Life themes).
- 3. I have brought together service and academics regionally and locally. I initiated and chair the East of England Public Health Academic Forum, leading new models for Public Health England and local authority academic-service working.
- 4. I chair the UK's Faculty of Public Health Academic & Research Committee (Board Trustee), with active contribution to the Academy of Medical Sciences Health of the Public Report (2016) and its implementation.

Name: NAEEM SOOMRO

GMC/GDC Number: 3393819

Speciality: SURGERY

- National Leadership: Successfully engaged with DHSC, NHS Digital, Office of Life Sciences, RCS England for developing a comprehensive strategy on Digitization of Surgery. Chair JSCFE Board (Urology) Developed examination on behalf of Joint Surgical Colleges for international urologists. Successfully introduced international examiners 2015-19.
- Innovation: Developed the biggest multispecialty robotic surgery and training program
 in UK. Six surgical specialities with plans for further expansion. >2,500 cases so far (100%
 increase). Advised commonwealth secretariat on digital health policy. Represented UK in
 Madrid on simulation in surgical training by Department of International Trade 2015-19.
- Corporate: (Associate Medical Director) Quality assured six clinical directorates; budget (£250 million). Increased theatre utilization (95%) (Highest in the country). Decreased clinical costs by reducing waiting lists and introduction of electronic rostering system 2013-2017.
- Clinical Research: Appointed Honorary Professor Urology. Recognized as leading top 100 NIHR Commercial PI. Surgical lead: Regional Clinical Research Network (NENC), 2nd highest recruitment. Advised MTEP committee NICE on a biomarker for prostate cancer. Research with commercial partners in robotics and machine learning. Supervised PhD / MRes students 2015-19.