

Personal Statements of 2017 Award Recipients

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Name: RICHARD BYNG

GMC/GDC Number: 3295124

Speciality: ACADEMIC GP

- I work at local, regional, national and international levels to develop innovative models of collaborative community based services for individuals with complex care needs in order to transform patient outcomes and experience. These include: general practice based care for psychosis; world leading mental health care for prison leavers, being taken up by the West Midlands Mental Health Commission; and the regional whole system initiative for bringing together redesign, evaluation and research for patients with complex multi-morbidity.
- I have 22 years' experience as a GP and now work primarily as an 'outreach' GP for homeless or marginalised groups, supporting individuals with mixed mental, physical and addiction problems to navigate complicated NHS services.
- 3. As an accredited GP with Special Interest in Mental Health (since 2006) I helped establish and continue to work in and develop the Icebreak service for emerging personality disorder providing the only medical input.
- 4. As Professor in Primary Care Research, Deputy Director of the Peninsula Collaboration for Leadership in Applied Health Research and lead for the Plymouth University Primary Care Group I have led five major research projects with a total value of £3.3M, been a co-applicant on seven further NIHR grants totalling £18M and developed the group from 16 to 44 staff.

Name: TIM COLEMAN

GMC/GDC Number: 3301209

Speciality: ACADEMIC GP

I held a Bronze award from 2012-17; a 2016 renewal application was 2.8 pts below the required level so I now present this application. Since 2012, I have made national-level contributions to the NHS by:

NHS research: being an international leader of research into ways of helping pregnant women stop smoking, publishing world-class study findings in the highest impact journals, leading two substantial NHS programmes and three major NHS randomised controlled trials; all work is implemented in partnership with NHS patients and is informed by their views

NHS research training: leading Nottingham's GP Clinical Academic Programme and overseeing a substantial expansion in regional NHS general practice research training thus sustaining the delivery of effective, primary care-led NHS research into the future

NHS healthcare provision: improving health & reducing inequalities by implementing novel NHS innovations for engaging pregnant smokers in treatment and helping them to stop, particularly focussing on finding effective methods to reach those women who would otherwise not use and hence benefit from NHS cessation support

Translating research into NHS practice: my research outputs informing health policy internationally, underpinning World Health Organisation & NICE guidance on smoking in pregnancy and after childbirth

Name: ALEXANDER HARDING

GMC/GDC Number: 3590630

Speciality: ACADEMIC GP

First I design and implement educational innovations locally and nationally:

- Helping to develop and implement 2 new medical schools (2002, 2012)
- Introducing a new innovative multi-professional Masters programme (2016)
- Introducing the UKs first substantial longitudinal learning programme (2016)
- Introducing the UKs first joint undergraduate and postgraduate quality assurance visit programme (2012)
- Leading national policy formation: Working with press (Times 2016), meeting with MPs (Exeter, Bradford and Totnes, 2015), writing parliamentary questions (Hansard 2015), informing health select committees (2015) and subsequent government reports. Subsequently named as one of the UKs most influential GPs (Pulse 2016).
- Negotiating sustainable funding for GP educators: Increasing funding for GP education by £2M per year in the South-West England and writing the formula for the national tariff for GP teaching.

I now co-chair the national group of GP undergraduate teachers (2017-) and am part of an international research collaboration 2016 -)

Second Gaining Doctorate (17)

Third Consequently, I am one of only four GPs in the South-West of England carrying out sustained educational research in peer reviewed journals (2010 -)

Fourth Service delivery: My practice received 'Outstanding' rating at CQC inspection (top 4% of practices.)

Name: HELEN STOKES-LAMPARD

GMC/GDC Number: 4310213

Speciality: ACADEMIC GP

- 1. Chair (equivalent of President) of RCGP Leading the Profession: The most senior elected office, policy and political lead for the largest Royal College (52,000 members) at a time of huge challenge and inevitable tough decisions. I have improved communication with GPs and government by building relationships, refusing to be intimidated and being honest. I have appeared on >50 TV new & review programs and given >100 radio interviews, my priorities are workload (patient safety), workforce (building) and interface of primary/secondary care
- 2. Vice Chair Academy of Medical Royal Colleges: I am using my influence constructively to encourage all Royal Colleges to unite and campaign with one voice and steer government more effectively. A great collaborative spirit already building
- 3. **Assessment of the GP Forward View:** I led an in-depth assessment of the implementation of the promises by NHS England and HEE including a review of the 44 STPs and identified weaknesses and opportunities which have already been fed in to revised planning and improved communications
- 4. Increasing Recruitment to General Practice nationally: By influencing change in medical schools, in RCGP and working with HEE closely. Delivering numerous inspirational talks and keynote speeches with excellent feedback about my positive impact on trainees choice of future career

Name: JOSE MARIA VALDERAS MARTINEZ

GMC/GDC Number: 6159785

Speciality: ACADEMIC GP

- Direct patient care St Leonard's Practice (2 PA sessions, research group), practice rated as OUTSTANDING (Care Quality Commission 2016): "internationally recognised lead for learning, research and improvement"
- Patient Safety: developed & implemented patient reported tool on safety experiences and outcomes in General Practice, endorsed by Royal College GP (2015); Patient Engagement Lead for WHO Safer Primary Care (2014/6); Quality/Safety Expert Advisor to WHO programme Non Communicable Diseases (2015/7)
- Multimorbidity: NIHR funded programme (2011/6 £1M) for use of Patient Reported Outcome Measures (PROMs) in patients with multimorbidity, identified as priority area by NIHR (2014 and 2017 calls)/NICE (2016 guidelines); work cited in 2016 NICE guidance (1) and RCGP multimorbidity vision report (3); invited by European Commission to advise on priorities (2015)

Evidence of quality of contributions through sustained clinical academic progression (Manchester, Oxford, Exeter) supported by competitive NIHR personal awards (Lecturer (2010/4), Clinician Scientist (2011/6)), and progression to Clinical Professor (2013-present), Exeter (top 10/126 UK universities, Times Higher Education 2016); First GP to be elected by peers as President of the International Society for Quality of Life Research (2016-2020)

Name: MAURIZIO CECCONI

GMC/GDC Number: 6118600

Speciality: ANAESTHETICS

- (14-17) I have been an executive committee member at the European Society of Intensive Care Medicine (ESICM, 8000 + members) where I developed an online educational platform that delivered free education worldwide and as Chair of Scientific Affairs I fostered international collaboration, expanding the scope of the Society and organising the first European Asian Conference.
- (15-16) I restructured a failing Critical Care Department at a nearby hospital. A CQC inspection identified problems with leadership, team dynamics, quality and patients safety. I improved the service by implementing a robust clinical governance, led a change in culture and improved quality. This was testified by recent positive external peer reviews.
- I have one of the highest research outputs in anaesthesia, intensive care and perioperative medicine (3267 citations, h index 26). I have been promoted to Reader and received a commendation for a research programme at Harvard Medical School.
- (14-17) As director for CRN South London Division 6 I have more than doubled the number of patients enrolled in NIHR studies, with more than 20000 patients enrolled during my mandate. I have secured funding for the development of a team of research nurses that has been consistently among the highest national recruiters.

Name: JOSEPH COSGROVE

GMC/GDC Number: 3303713

Speciality: ANAESTHETICS

For 16-years I have ensured my NHS Trust (rated Outstanding by CQC) & specialty have high national & international profiles. I jointly run one of the busiest intensive care units in England (>1300 admissions/yr) & have significant national & international roles in Medical Education (Royal Colleges of Anaesthesia & Surgery), Events Medicine, Major Incident Planning & Advanced Care Planning. Four examples of high quality work since my last award are:

- Revision & redevelopment of regional Do Not Attempt CPR (DNACPR) charts (2014), minimising futile treatments across multiple care areas. My direct day to day work in making such decisions added significant credibility to the document
- Reducing Health Care Associated Infections (HCAIs) in intensive care (2014-2017) particularly central venous catheter infection rates: consistently < 0.25/1000 catheter days (national target 1/1000)
- 3. Redeveloping the CCrISP (Care of the Critically III Surgical Patient) Course (Fourth Edition, 2017) & delivering it internationally for the RCS England
- 4. Establishing and chairing a national voluntary, multi-specialty national working party (Nov. 2014) two years in advance of the conclusion of the 2016 Hillsborough Enquiry. It highlights requirements for Events Medicine & preempted Qu. 13 of the Enquiry (emergency response & medical cover)

Name: FIONA DONALD

GMC/GDC Number: 3057603

Speciality: ANAESTHETICS

I am an elected member of Council of the Royal College of Anaesthetists which is the 3rd largest Royal College with 21500 members & represents the largest single hospital specialty. In this role I work to:

- Assure quality of patient care by maintenance of professional standards in anaesthesia
- Shape national policy on health & medical training
- Support the College's strategic direction

I am a senior examiner for the Final Fellowship of the Royal College of Anaesthetists which is taken by 1000 candidates/yr:

- I have been appointed to leadership roles in recognition of my sustained contribution to development of the exam
- I am leading colleagues & working with educational experts to introduce a new form of written question with the aim of further improving exam reliability
- My examining style is described as exemplary

I demonstrate excellence in my role as a practising obstetric anaesthetist & in development of our service:

- My complication rates are substantially lower than national standards & I have excellent patient feedback
- I am a key member of the team developing & delivering evidence based training that is linked to improved outcomes in the UK & > 70 countries worldwide
- Our unit was recognised as an exemplar of good practice for this training system both in the 2016 National Maternity Review & by the CQC

Name: THOMAS GALLACHER

GMC/GDC Number: 3260771

Speciality: ANAESTHETICS

Intensive Care Medicine is the newest CCT programme in the UK. I led the team who designed and implemented its recruitment process. It was necessary to allow for entry from 3 core training streams and 5 partner CCT programmes from 3 partner Colleges. It is the most complex system in the UK and required my liaison with partner Colleges and Deans to facilitate it's introduction. I increased the number of posts from 72 to 158 over 5 years whilst maintaining a 90% fill rate. For this, I received a commendation from FICM Board (2011-16).

As Medical Secretary for FICM I approve CCT final sign offs, review all new training post applications as well as prospectively approving trainees out of programme training (2012-).

In response to the Francis report recommendations, I introduced a weekly online quality assurance questionnaire for Foundation trainees. Completed weekly by each trainee it evaluates the quality of training, patient safety and undermining in real time. The latter 2 issues are addressed within 24 hours by means of automatic emails to the senior education team. This was commended by CQC in the well led category for which my Trust received an outstanding rating.

As a member of the GMC's Project Action Group for Dual CCT Training, I advised on the standards for dual CCT programmes which were implemented by the GMC in 2015.

Name: ANTHONY GORDON

GMC/GDC Number: 4020204

Speciality: ANAESTHETICS

- 1. Starting as a full-time NHS consultant, I pursued the AHSC vision combining excellence in research to improve patient care, winning prestigious NIHR clinician scientist & research professorship awards. In 7 years I have secured £6M of research grants to build a multi-professional research team at Imperial undertaking internationally respected clinical research
- 2. In the last 5 years I have published 36 peer-reviewed papers & my work has been cited 2610 times. In 2016 I completed two multi-centre septic shock trials as Chief Investigator published in leading journals and already included in international guidelines. I lead novel translational work to develop improved diagnostics to personalise & optimise the care that we provide to critically ill patients
- 3. I continue to provide fully consultant-based care to the sickest patients in the hospital. By working as a small team we ensure all ICU care is managed directly by a consultant 24 hours/day, 7 days/week
- 4. I realise the importance of combining my clinical & academic expertise to provide training & teaching for the whole multi-professional healthcare team. I have given >60 lectures in 5 years; state-of the art teaching to doctors at national & international meetings, teaching for local nurses, physios & pharmacists, as well as local schools to inspire the next generation

Name: DANIEL MARTIN

GMC/GDC Number: 4437925

Speciality: ANAESTHETICS

During the first 5 years of my Consultant career my focus has been the development and delivery of excellent patient care, the creation of a centre for translational research into perioperative and critical care medicine, and supporting academic anaesthetic trainee doctors nationally. Examples include:

- I am an internationally recognised clinical academic whose research and findings have had a significant impact in the field in which I work; my reputation as an expert in hypoxia and critical illness has led to successful grant applications, high impact publications, international collaborations, plenary lecture invitations at international conferences, visiting professorships, public engagement events, television appearances, radio programmes and newspaper articles.
- I established and lead the Royal Free Perioperative Research group, and built a multi-disciplinary research team in the RFH critical care unit.
- I have been appointed as the Academic Training Coordinator and Academic at the National Institute for Academic Anaesthesia, and the Training Programme Lead for Anaesthesia at University College London
- I established and lead a critical care service for the High Level Isolation Unit at the RFH, for which I was awarded an Officer of the Order of the British Empire (OBE), for services to the prevention of infectious diseases

Name: ADAM PICHEL

GMC/GDC Number: 4189538

Speciality: ANAESTHETICS

I am anaesthesia lead for the region's complex aortic endovascular service. I set up and chaired meetings in Gtr Manchester to set standards of anaesthetic care for aortic aneurysm (AAA). The standards were adopted by our NHS commissioners. I set up attendance of anaesthetists at Multidisciplinary Team Meetings (MDT) and developed a pre-op assessment service for AAA patients.

Elected Chair of the Vascular Anaesthesia Society of Great Britain & Ireland (2013-16). I led the work to construct an anaesthesia data set for the National Vascular Registry; reporting outcomes of all UK units. I wrote the national benchmark standards (vascular) for UK anaesthetic departments to achieve the College's "Anaesthesia Clinical Services Accreditation".

I was invited to join a national working party to produce a guideline on preoperative diagnosis & management of hypertension. (2013-16); a collaboration between Primary Care, British Hypertension Society and Anaesthesia.

Invited to review (2016) the quality of specialised vascular services against nationally agreed structure, process and outcome indicators (qualitative + quantitative) and indicators of patient experience. This work was undertaken with NHS England's Quality Surveillance Team. I was selected (2015) to be a clinical expert on a NICE Clinical Guideline Committee (aortic aneurysm).

Name: MJA WILSON

GMC/GDC Number: 3548365

Speciality: ANAESTHETICS

- 1. In 2016, I was elected to the "Macintosh Professorship" conferred by the Royal College of Anaesthetists and Obstetric Anaesthetists Association, in recognition of research achievement. I have simultaneously been appointed Grants Officer to the National Institute of Academic Anaesthesia, to lead disbursement of their research funds and oversee application peer review.
- 2. I have successfully completed a National institute of Health Research Clinician Scientist Fellowship in 2016. It was won in national competition, one of only 7 given across all specialties in 2011 and the first ever awarded to an anaesthetist, outside critical care. The core research funded by the Fellowship has resulted in a fundamental re-evaluation of opioid pain relief in labour and its results will directly benefit women in childbirth in the UK.
- 3. I've built a portfolio of applied health research in excess of £7M unique to UK anaesthesia, in the field of reproductive health and preoperative medicine. These trials have recruited in excess of 6500 women and their results have resulted in immediate improvements in patient care. These grants were secured in my own time, working as a full time NHS consultant.
- 4.I am a founding Board member of the NIAA UK Peri-operative Clinical Trials Network established to conduct high quality, national research.

Name: ANANYA CHOUDHURY

GMC/GDC Number: 4263579

Speciality: CLINICAL ONCOLOGY

I have improved local patient access to oncology services by leading the implementation of nurse-led follow up and survivorship clinics within the region. Patients have rated this service highly (>90% very good/excellent). These clinics have freed capacity in consultant clinics to improve access for patients in need of a medical opinion

As a Key Opinion Leader in Uro-Oncology in the UK, I have given over 15 lectures at national and international meetings in the last 5 years. I was one of two clinical oncologists on the NICE Bladder Cancer Guidelines and part of the NICE Quality Standards Committee (2012-2015)

I have published over 45 peer-reviewed papers in the last 5 years and have external grant income of over 3 million since 2012 with national and international collaborations. A joint Toronto/Manchester PhD programme was established in 2014. This has resulted in my promotion from Senior Lecturer to Reader in 2016

I have increased the profile of UK radiotherapy as the only UK clinical oncologist on the editorial board of the International Journal of Radiation Oncology Biology Physics, the leading radiotherapy journal for the USA and by being on the organising committee for major international cancer conferences, American Society of Clinical Oncology Genito-urinary symposium and American Society of Therapeutic Radiation Oncology

Name: SARAH JEFFERIES

GMC/GDC Number: 3320570

Speciality: CLINICAL ONCOLOGY

Improving Patient Outcomes: I have been involved in the design, grant applications and delivery of national and international studies on CNS tumours. My work has contributed to Addenbrooke's Hospital becoming recognised at an international level for the delivery of clinical trials for CNS tumours. My role as subspecialty lead for the Eastern Clinical Research Network has contributed to the region achieving the highest recruitment in 2016 in the UK.

Cancer Research: I was a member of the Cancer Research UK (CRUK) Clinical Trials Awards and Advisory Committee from 2010-2015. This involved providing expert guidance, critical appraisal of newly proposed clinical trials for cancer treatments.

Teaching: I provide teaching and mentorship for local under and post graduate students. I teach on the national and international courses. In 2016 I was appointed programme director and course organizer for the ESTRO online workshop for CNS cancer course

Leadership: I initiated and organized the first two-day national meeting for CNS oncologists in 2016 which aimed to update current knowledge and improve national recruitment to clinical studies in an area which has very low national recruitment and poor outcomes. I have been invited by the NCRI CSG to establish this as the national meeting for UK CNS oncologists on an annual basis.

Name: GRAHAM SMITH

GMC/GDC Number: 4322164

Speciality: CLINICAL ONCOLOGY

- 1. I am Clinical Director for development of the Proton Service at The Christie and have been successful in achieving significant project milestones. I have worked collaboratively with NHS England, colleagues and patients to ensure a patient centred service
- 2. I developed a 'Survivorship Programme' for young cancer survivors, providing them with the tools needed to get the most out of life after cancer treatment. The programme was commended in the Pfizer Oncology Awards. The Teenage Cancer Trust (TCT), using our evidence-based model, has implemented this nationally
- 3. I have implemented clinical effectiveness approaches as a priority across the Trust as Chair of the Clinical Research and Effectiveness Committee (CREC). I have improved national guidance compliance across the Trust as well as implemented a new interventional techniques and technologies policy, providing patients with assurance that they have access to the latest developments in cancer care
- 4. I have delivered a number of young oncology service improvements. Locally, this included anaesthesia for paediatric radiotherapy patients, peer review of radiotherapy treatment plans and clinical protocol development. Nationally I developed a treatment summary template and developed a radiation therapy outcome dataset and contributed to NHSe clinical commissioning policies

Name: MARTYN COBOURNE

GMC/GDC Number: D 66144

Speciality: DENTAL

I am an orthodontist with an international reputation for clinical & academic excellence. I have 116 publications listed in PubMed (58 in the last 5 years, including high-impact original research in *Development*, *Oncotarget*, *Scientific Reports*), >3200 citations & h-index=30; which combined with a portfolio of >£1.2m funding [2012-17] gives me an academic profile unique for my specialty

I play a significant role in orthodontic specialty training in London & South East: Head of Department at KCL [promoted 2016] & Training Programme Director at GSTT [2012-17] responsible for >700 undergraduate & 46 postgraduate trainees with current 100% pass-rate in MSc, membership & fellowship exams

Director of Research at British Orthodontic Society (BOS) responsible for research policy & strategy for this charitable organisation [2013-17]. I personally established & led this directorate as part of a society re-structuring, which has now awarded >£400k in grants for orthodontic research, including a 3-year clinical fellowship. I was awarded the RCS England Charles Tomes Medal [2015] & BOS Special Service Award [2016]

I make a major contribution to national & international orthodontic education through academic writing: lead author of 4 textbooks (one is in press), 12 chapters in 4 further books & Editor *Journal of Orthodontics* [2012-17]

Name: CHRISTOPHER TREDWIN

GMC/GDC Number: D 72383

Speciality: DENTAL

- 1. Head of Plymouth University Peninsula Dental School. GDC inspection report "impressed with the strong and motivational leadership skills that were evident in the school", "establishment of community outreach programme is excellent", "positive feedback to the programme in terms of support, supervision and action within the school". Led design, development and implementation of a new 5 year BDS programme; BSc in Dental Therapy and Hygiene; Cert/Dip/Masters in Restorative Dentistry, Oral Surgery and Periodontology. All resulting in development and training of the NHS Dental workforce in Devon and Cornwall for NHS patient benefit.
- 2. Led design, development and implementation of Peninsula Dental Social Enterprise CIC. Runs the NHS arm of the school. Effective and more efficient utilisation of NHS funds and the ability to be responsive to and better serve the needs of the local NHS population. Green Gown Award 2014 –Enterprise. Guardian Award 2015 for Community and Social Impact. Treatment provided to over 18,000 patients to date.
- Specialist Advisory Committee (Royal College of Surgeons England)
 Academic Representative 2014

 Selection panel Chief Dental Officer 2015.
 Shaping NHS care and training.
- 4. Executive Secretary and Treasurer Dental Schools Council 2014 2017. Shaping the future of education for the NHS Dental workforce.

Name: ADAM REUBEN

GMC/GDC Number: 4415194

Speciality: EMERGENCY MEDICINE

The Emergency Department under my leadership was recognised as
 Outstanding in the recent CQC inspection and is thus one of only 3
 departments nationally to attain such an accolade and is the only ED in the
 country to be awarded Outstanding for effectiveness. The ED team have been
 awarded the 'Extraordinary Team' award.

2.

Through the Research for Patient Benefit scheme, I have recently been awarded a grant for £350,000 to investigate the value of topical Tranexamic Acid in epistaxis. This will be the first ever CTIMP study where the RD&E Hospital will act as lead provider and represents an important step in the academic profile of the ED and of the Trust.

I have Chaired the committee implementing the Hospital at Night scheme in the Trust. This has radically changed the way the overnight teams operate within the hospital, with a primary goal of providing safer more efficient care.

I have been nominated for a Trust Extraordinary People award, both for work as clinical lead for the ED, and as a champion for patient care. I have successfully implemented a system of Rapid Assessment & Triage (RAT) providing a senior led review for the majority of patients and have led the implementation of regular multidisciplinary frequent attender meetings to create bespoke care plans for the most frequent attenders.

Name: DIANA BARALLE

GMC/GDC Number: 4027861

Speciality: MEDICINE

Education: I led a successful bid for HEE MSc in Genomic Medicine £93000, training NHS professionals & mainstreaming genomics. I am program director & module lead, developing innovative educational material. I have the highest numbers of students in England with excellent student feedback.

Research: I lead an internationally renowned RNA and functional genomics research group (27 publications since 2011, a significant number affecting clinical practice). CI & PI for national NIHR studies. I lead research in Genomics England RNA GeCIP investigating how to uplift diagnostic rates in genomics. Regularly invited to speak and examine (inter)nationally.

Leadership: I am specialty lead in Clinical Genetics for Wessex CRN & R&D, increasing accrual onto UKCRN portfolio. I co-lead the genomics theme at the faculty of medicine, developing research strategies. I lead a functional genomics strategy group for better diagnostics. I am senior officer and treasurer for the national Clinical Genetics Society, developing exemplary standards of care & future role of the clinical geneticist

Innovation: I co-led the bid, establishment and now delivery of Genomics England RNA GeCIP to increase diagnostic capacity, highlighting the importance of functional genomics to the NHS. I set-up & lead an oculogenetics service, changing practice in Wessex.

Name: ANNE BARTON

GMC/GDC Number: 3481260

Speciality: MEDICINE

National Leadership in Rheumatology

- NIHR Senior Clinical Investigator (2016-)
- Royal College of Physicians Rheumatology Lead for Genomics into Clinical Practice (2014-)
- British Society of Rheumatology Special Interest Group Lead in Translational Genomics (2012-)
- Training and Development
- North West Rheumatology Academic Programme Lead (2012-);
- Supervised 5 clinical fellows, 3 awarded Academic Clinical Lecturer posts; 13 non-clinical PhDs
- Training Lead for NIHR Manchester Musculoskeletal Biomedical Research Unit 2012-17
- International quality basic and clinical research
- >£35M grant income since 2012
- Musculoskeletal Theme Lead (£5.25M, 2017-2022) NIHR Manchester Biomedical Research Centre.
- 170 Original articles: H index 44
- Research informing clinical practice: adherence recognised as major confounder of predictive biomarker studies; developed assay to test serum methotrexate level, being trialled in clinical samples
- Chief investigator for 2 National portfolio studies recruiting ~450 patients/year
- Enhanced clinical service delivery
- Introduced departmental changes to address non-adherence to methotrexate (2016-2017); non-adherence halved from 27% Aug 2016 to 12% Dec 2016 and sustained reduction maintained by introducing motivational interviewing throughout department, and revision of methotrexate educational material

Name: JEREMY BRAYBROOKE

GMC/GDC Number: 3561582

Speciality: MEDICINE

Clinical leadership

- Lead for supra-regional testicular cancer team (since 2005). National awards for innovative practice and service development. Trustee for local charity; >£300K raised for patient awareness and support
- Lead Oncology Clinician (from 2014). I led development of 2 community chemotherapy units in Bristol, recruitment of 5 new oncology consultants (since 2014) appointment of fellows and approval for clinical nurse specialists to improve efficiency and patient care

National Quality Improvement

- Member NICE technology appraisal committee (since 2011) evaluating new treatments for the NHS
- Lead for South West Clinical Network chemotherapy team developing open access web based chemotherapy protocols to ensure patient safety
- Member NICE lung cancer clinical guidelines group (published 2011)

Research leadership

- Chief investigator (CI) for multi-centre study on the impact of molecular testing on chemotherapy decisions in early breast cancer (published 2016)
- Co-Cl on recruiting multi-centre randomised trial of chemotherapy in metastatic breast cancer
- Co-author on >40 peer reviewed publications

Developing Education

- Regional Training Programme Director. High level of trainee satisfaction in GMC survey and success for trainees in consultant posts
- Member of RCP Specialty Advisory Committee

Name: ROWLAND BRIGHT-THOMAS

GMC/GDC Number: 4126911

Speciality: MEDICINE

I am committed to delivering high quality patient focused care. I work 2 on-call rotas with overall frequency 1 in 4. As patient numbers have increased I have strived to develop the adult cystic fibrosis (CF) service into a truly consultant delivered service with 7day open access to patients. Performance validated by UK CF Registry annual data figures and rated as excellent by patient questionnaires, British Thoracic Society & UK CF Trust Peer Review

I led the design and development of the new Manchester Adult CF Centre requiring close working with specialist commissioners, architects, building contractors, patient representatives, estates, finance and management. This is the largest CF specific facility in U.K with a dedicated CF ward, outpatient department, staffed kitchen, gym & pharmacy at cost of £8million

I am involved extensively in teaching & training at all levels. As North West (NW) Deanery Respiratory SpR education lead, I have developed a more active teaching programme for NW & Mersey trainees and introduced online registration and surveys - feedback excellent. I am a Royal College of Physicians MRCP(UK) examiner and Respiratory Specialty Certificate Examination question writer

Actively involved in clinical research. 20 peer reviewed publications and 32 abstracts in last five years. PhD and MD supervisor

Name: MATTHEW CALLISTER

GMC/GDC Number: 4322638

- 1. I am Chief Investigator for the Yorkshire Lung Screening Trial (£5.2m funding from Yorkshire Cancer Research) which will be the largest UK and third largest worldwide randomised lung CT screening trial. It aims to screen 7,000 persons (2018-22) to compare different strategies for identifying high risk participants as well as assessing the feasibility of community-based screening.
- 2. I proposed (2011) and co-chaired (2012-2015) the British Thoracic Society Pulmonary Nodule guideline, the most comprehensive guideline on this topic worldwide now used throughout the UK and internationally. I wrote/co-wrote 4 of the 9 chapters of the guideline, reviewed 2,300 abstracts/articles, and co-chaired the BTS Pulmonary Nodule Quality Standard (awaiting publication).
- 3. I proposed a Smartphone app to support the Nodule Guideline, secured funding, and co-designed the app with colleagues from BTS/CRUK. Since release in Dec 2016, the app has been downloaded 1,673 times (794 in UK, 401 in North America).
- 4. I proposed and led the Leeds Early Lung Cancer Campaign (2011-current), resulting in a 75% increase in CXR rates and an unprecedented 9.9% stage shift from advanced (stage III/IV) to early stage (I/II) disease. This is by far the largest stage shift ever demonstrated following a non-screening intervention (manuscript in preparation).

Name: GRAHAM COLLINS

GMC/GDC Number: 4543945

- 1. Appointed chair of the national Hodgkin Lymphoma study group and overseen expansion in its number of trials in development from 6 (Sep 2015) to 13 (Feb 2017). Leading on and obtained pharma funding (approx £1 million each) for 2 trials in Hodgkin lymphoma: ANIMATE (relapsed) and WATCH (first line). Also chair of national T-cell lymphoma working group and lead on an academic relapsed T-cell trial. European chief investigator on 2 commercial trials in high grade lymphoma.
- 2. Course director for national lymphoma management course, in collaboration with the Lymphoma Association. Annual event which attracts 70-90 attendees from all across the UK and further afield.
- 3. Contributed nationally to quality improvement. Member of the NICE guidelines development group for non-Hodgkin lymphoma and led on a number of topics including first line treatment of T-cell lymphoma. Final document was published in 2016. Contributed to NICE technology appraisals for the drugs brentuximab and nivolumab. This involved working with the evidence review group; responding to scoping documentation and attending appraisal meetings in person.
- 4. A founder member of the British Society of Haematology Special Interest Group in Lymphoma and lead for arranging the initial joint meeting with the lymphoma pathology group planned for Oct 2017.

Name: SARAH DANSON

GMC/GDC Number: 4326481

- 1. I was appointed, through competitive interview process, as **National Institute for Health Research (NIHR) Clinical Research Network National Speciality Lead for Cancer: Early Phase trials** in January 2017. I work with industrial partners and funding bodies to deliver clinical research to time and target nationally.
- 2. I became **Sheffield Experimental Cancer Medicine Centre (ECMC) Lead** in April 2016, and successfully led our quinquennial renewal bid totalling £1 million (from the Department of Health and Cancer Research UK (CR-UK)) to support early phase trial delivery within the national ECMC Network.
- 3. I was promoted to **Professor of Medical Oncology, University of Sheffield** in 2016 after an externally reviewed process assessing my research funding, publication record and international profile. In my role, I act as Clinical Lead for the Department of Oncology and Metabolism, representing clinical academics on the Executive Committee, and deciding on strategy, including budget and workforce planning.
- 4. I am Co-Lead for the Sheffield Teaching Hospitals (STH) 'Research, Precision Medicine and Education' workstream which is a strategy to rejuvenate cancer care services in Sheffield. Current projects include creating a new education centre and working with pathology to horizon scan and provide a robust, future-proof service.

Name: DHIRAJ GUPTA

GMC/GDC Number: 5205561

Speciality: MEDICINE

I am a full time clinical consultant cardiologist at Liverpool Heart and Chest Hospital (LHCH) and this is my first application for a Bronze Award. My achievements since 2012:

- QUALITY: My pioneering work on vascular ultrasound for electrophysiology (EP) procedures has led to its wide uptake in NHS, and has greatly reduced risk of ablation complications.
- 2. RESEARCH: I head the EP stream of the Institute of Cardiovascular Medicine and Science (ICMS), a research collaboration between LHCH, Royal Brompton Hospital and Imperial College. I have supervised three research fellows for higher degrees, I have been awarded research grants totalling £1.8 million and I am Chief Investigator for 4 multicentre trials. Since 2012, I have published 22 papers (17 as senior author).
- 3. SERVICE DEVELOPMENT: I have led the Left Atrial Appendage occluder (LAAO) service for North West England since 2014. I instituted robust clinical governance systems that made our service the most productive one in the UK.
- 4. INNOVATION: In 2012 I helped bridge the traditional primary-secondary care divide by co-founding the Primary Care Atrial Fibrillation (AF) service. In Oct 14 I was honoured for my work in preventing AF-related stroke in primary care with the 'Arrhythmia Alliance Award for Outstanding Individual who has contributed to Arrhythmia Services in the UK'.

Name: KHALID HAMANDI

GMC/GDC Number: 4111483

Speciality: MEDICINE

I specialise in epilepsy; aiming to deliver the best patient care individually and as a team

- Service Led the establishment of, and direct an Epilepsy Surgery Programme for South Wales, a significant step change attracting £522,000/yr central funding, providing a world-class regional service; previously patients were referred to London
- Profile Invited speaker to national and international meetings. As elected council member of the International League Against Epilepsy UK (2014-) I led a UK survey and one day workshop on epilepsy monitoring units, and chair and organised sessions at the ILAE-UK annual conference. I organised and chair the Association of British Neurologist annual meeting Epilepsy Special Interest Group (2015-17)
- **Teaching and Training** Invited faculty member for 2 prestigious UK epilepsy EEG and MRI teaching courses. I have organised and chair regional epilepsy masterclass days, and registrar training days. I supervise undergraduate student projects and dissertations (1-4/yr)
- Research With Cardiff University, in the last 5 years 34 publications and £3M grant funding. I am principal and sub-investigator on 3 epilepsy NIHR studies, and 4 commercial drug trials (2012-). I have been directorate R&D lead for neurosciences since 2011 and led the establishment of a 3 bed neuroscience research unit

Name: MICHAEL HENGHAN

GMC/GDC Number: 4454713

- 1. I am Clinical Director for Liver services at King's College Hospital since 2012. I have overall responsibility for Adult Liver Transplant Services, Hepatology, Hepatobiliary surgery at King's. These services are the largest and most comprehensive programmes in the UK for both volume and outcome. These services deliver >200 Adult Liver Transplants, >150 Whipples, and since 2016 we deliver 12% of the total provision for Hepatitis C Virus treatment in the UK.
- 2. I have developed Clinical Research interests through collaboration and consistent focus on my areas of Clinical expertise. This model has resulted in > 130 peer reviewed publications in the field of Autoimmune Hepatitis (AIH), Liver Transplantation and Pregnancy related liver disease. In recognition of this, I have been awarded the Title of Professor of Hepatology at King's College London.
- 3. I have co-authored the British Guidelines (2012) for the management of Autoimmune Hepatitis (AIH) and am one of 8 members of the European group (published 2016) for AIH management by European Association for the Study of the Liver (EASL).
- 4. I am currently an Education and Training Councillor on the British Association for the Study of Liver Committee from 2014-2017. I have developed a mentorship scheme for trainees at the annual meeting which was initiated in 2016.

Name: S HOPKINS

GMC/GDC Number: 6087440

Speciality: MEDICINE

I led the establishment in 2013 of the English Surveillance Programme on Antimicrobial Use and Resistance (ESPAUR); within this I have developed for England, a single national dataset all antibiotic use and resistance in primary and secondary care for the first time. This formed the basis of national financial incentives, which have reduced primary care antibiotic prescribing and secondary care prescribing since 2015, reversing 15 years of increased antibiotic prescribing.

I provide an excellent clinical service, developing and delivering innovative ambulatory infection care and treatment pathways across organisations, with outstanding patient and peer 360 feedback and outcomes.

I have developed and delivered training programmes nationally in infection prevention and control and healthcare epidemiology, delivering face -o-face and webinar training to more than 1,000 NHS, public health and independent healthcare provider staff with excellent feedback.

In the last 5 years, I have been co-investigator on research grants worth £13.5 million, recruited patients to infection studies at the Royal Free and RNOH, published >50 peer-reviewed papers (& >100 abstracts), four book chapters, six national surveillance reports and one European wide surveillance report, and presented at more than 20 national and international conferences.

Name: MATTHEW INADA-KIM

GMC/GDC Number: 4032818

Speciality: MEDICINE

- 1. I am National Clinical Advisor, and have been driving the implementation of the RCP NEWS in the care of all deteriorating & septic patients in all areas of healthcare. I have worked with all stakeholder bodies to develop & embed a NEWS based system across the UK.
- a. Aligning deterioration/sepsis nationally through work on the National Cross system Sepsis Programme board
- b. Ongoing work piloting, quality improvement & implementation of a NEWS based deterioration/sepsis pathway across Wessex, standardising GP, care home and ambulance assessments, communication and escalation across the population

(Saving 1 life per week in every trust in region)

- c. Co-author- NEWS based UK Ambulance Policy guidance on deterioration/sepsis & RCP Sepsis toolkit
- d. Leading dissemination of this through all AHSNs, Lead of the National Sepsis survey
- e. Collaboration with NEWSDIG-NEWS2 & a national NEWS based sepsis definition
- 2. Developed a coding set metric for those admitted to hospitals with bacterial infection (SOS), utilised nationally to analyse the sepsis outcomes, burden, improvement & for researchers to validate sepsis definitions
- 3. Locally, consultant physician in a busy AMU with ambulatory clinic & on call for general medicine (15,000 patients/year) where my improvement initiatives have led to a reduction in SOS mortality (8%- 4% in 5 years)

Name: PETER IRVING

GMC/GDC Number: 4214740

Speciality: MEDICINE

I have made significant contributions to gastroenterology both nationally and internationally

Elected to the European Crohn's and Colitis Organisation (ECCO) Education Committee which I now chair. I have organised the advanced course for IBD for 2 years, the ECCO congress in 2016 and have contributed to conferences and meetings globally.

Together with dietetic colleagues, I pioneered the introduction of the low FODMAP diet in the UK. We have trained over 800 dietitians in the UK and have produced high quality evidence to support its use resulting in its adoption around the UK and beyond as well as its introduction into NICE and British Dietetic Association Guidelines

On a non-academic, full time NHS contract I have published more than 50 peer-reviewed papers in the past 5 years (H index 24). I have set up a large clinical trials programme at GSTT. I am the PI of a clinical trial to investigate the role of a novel T-reg product in Crohn's disease recently funded by MRC with a £3.2M grant

I am the clinical lead of one of the largest IBD units in the country. We have pioneered novel ways of managing patients in a rapidly changing and expanding field, which have been copied around the country and the world. I introduced biologic level testing with Viapath setting up one of the first services in the UK.

Name: TIMOTHY KINNAIRD

GMC/GDC Number: 3582862

Speciality: MEDICINE

I have provided quality and excellence through outstanding contributions in all domains, improving and building upon achievements year on year:

LOCAL: As lead interventional cardiologist for the largest cath lab in Wales, I have modernised clinical pathways, optimised audit and research, and hugely improved markers of care. Through robust negotiation with industry I have delivered £300K savings.

REGIONAL: As lead for the heart attack service in SE Wales, I launched a modernised pathway in 2013 delivering 24/7 care. As a result, the number of PPCIs increased in Wales from 90/million to 384/million in 2016. I have continued to develop the service since launch, improving treatment times and completing population coverage.

NATIONAL: I have a major national role in drug and procedure appraisal as a member of two NICE committees (MTAC 2012-16 and IPAC 2016-). I have also represented Welsh Government and the British Cardiac Society at NICE appraisals. I am a nationally recognised teacher, lecturing on pharmacology and complications at numerous meetings.

INTERNATIONAL: I have a high international research profile and am proud of my contribution in research. I am considered an expert in several interventional fields. I have given over 50 invited lectures, published 63 manuscripts and presented 105 abstracts at international meetings.

Name: ALEXANDER LEFF

GMC/GDC Number: 4018449

Speciality: MEDICINE

I am academic neurologist whose research is clinically based.

- My main contribution is devising electronic therapies (e-therapies) for patients with acquired and degenerative brain disease. These e-therapies include diagnostic, therapeutic and outcome components and are designed with patient input to ensure maximum usability. I have 3 on current release (free), two in phase II trials and three in the development stage. The therapy components have proven effective in several, small-scale clinical trials; but, until my innovation, have not been available for patients to access. 3,527 patients have now accessed them. I have published 4 peer-reviewed papers on their real-world efficacy.
- I have been successful in generating £5.7M of competitive research funding over the last 5 years; £4.1M as Lead or PI. I have 8 current grants. I am PI/Co-PI on 7 of them. One is an EU collaboration (Denmark).
- I set up (2011) and expanded (2012) a multidisciplinary clinic for patients with hemianopia or higher-level visual perceptual disorders. It is the only one in the UK.
- I was departmental Athena SWAN lead (Aug13-16) and led the team in our successful application for a departmental Silver award ('15). Our initiatives include: a mentoring scheme for non-clinical female academics; maternity and paternity mentors; a maternity room.

Name: JOHN GARETH LLEWELYN

GMC/GDC Number: 2637802

Speciality: MEDICINE

Bronze Award (2002) renewed (2006); Silver Award (2012) not renewed in 2016

Service Leadership (Local)

I have delivered in ABUHB & first in Wales, a structured consultant-led acute neurology service supporting medical intake, enabling early discharge & reducing admissions. I lead a nationally acclaimed tertiary Neuromuscular Unit based in CVUHB & am Clinical Lead, Wales Neuromuscular Network (2011-)

Service Leadership (National)

RCP vice president (2016-19) leading RCP's policy & public affairs work in Wales. As Chair, RCP Joint Clinical Neurosciences Committee (JCNC) (-2014) & Chair, ABN Services & Standards Committee (SSC) (-2014) produced influential RCP/ABN report *Local Adult Neurology Services for the next Decade*. National Clinical Lead for Neurosciences (2016-20) & author of *A Neurological Conditions Delivery Plan* (2014-20) for Wales. Chair, ABN Acute Neurology Advisory Group (2015-19)

Training Leadership (National)

Promoting training, assessment & teaching as President, British Peripheral Nerve Society (2015-19) & President, Welsh Medical Society (2012-17). Active member of RCP Neurology Specialist Advisory Committee (SAC) (2011-), MRCP PACES & European Board of Neurology (EBN) examiner (ongoing)

Undergraduate Leadership

Delivered an award winning neurosciences teaching programme (CUSM Team of the Year, 2016)

Name: WILLIAM MAN

GMC/GDC Number: 4418922

Speciality: MEDICINE

My application is based on performance 'over and above' my job plan as a full-time NHS clinician.

- 1) **RESEARCH:** External grant funding of >£3 million; 62 papers since 2011; Associate Editor of 2 international journals (since 2015, 2016); prestigious fellowships/grants from NIHR and MRC (2009, 2011, 2013-2017); international prizes; only UK/European member of American Thoracic Society (ATS) International Conference Committee 2016-; Chair-elect ATS Program Committee 2016
- 2) **HIGH QUALITY SERVICES:** Lead for Harefield Pulmonary Rehabilitation (PR) program, a leading service in the UK, based on rigorous audit and peer review. Described by the Royal College of Physicians Accreditation Unit in 2016: "very clear leadership provided by an internationally renowned expert.. a highly motivated team providing a high quality service"
- 3) **TEACHING/TRAINING:** Supervis-ing/-ed 6 PhD and 5 MSc students; nurtured 2 x physiotherapists to obtain prestigious NIHR Doctoral Research Fellowships; frequently invited lecturer at international respiratory conferences
- 4) **QUALITY IMPROVEMENT:** Author of international ATS/ERS statement on PR, BTS Guidelines on PR, BTS Quality Standards for PR, and National PR audit reports. Member of BTS PR Quality Improvement Advisory Group providing clinical advisory role to Royal College of Physicians Accreditation Unit

Name: MANU NAYAR

GMC/GDC Number: 5192057

Speciality: MEDICINE

- I lead the largest pancreaticobiliary(PB) endoscopy unit in the U.K. (> 2000 procedures/annum) and personally do 650 PB endoscopies/year. I am recognised as one of the leading PB endoscopists and personally receive referrals from around the U.K.
- 2. I initiated and established the only national PB endoscopy training course for nurses in the U.K. since 2009. I am the founding director of the Joint Advisory Group (JAG) approved training course for endoscopic ultrasound (EUS) in the U.K. (2016). I was the chief organiser for the National UK & Ireland EUS meeting in Manchester (2016). I am the educational supervisor for the international renowned PB fellowship. The fellows have all been appointed to teaching hospitals in the U.K, Sudan, USA & India.
- 3. I am the President of the UK &Ireland EUS Society (2016); committee member of the British Society of Gastroenterology(BSG) endoscopy committee (2016) & the UK Pancreatic Society (2012). I am a core member as specialist gastroenterologist from a tertiary centre on the NICE guideline committee for pancreatitis (2016)
- 4. I am part of the most active PB research programme in the U.K. with 19 publications in peer reviewed journals in the last 5 years. For the first time in the U.K. I implemented radiofrequency ablation(RFA) for treatment of pancreaticobiliary malignancy with a novel probe(2016)

Name: NNEKA NWOKOLO

GMC/GDC Number: 4464734

Speciality: MEDICINE

Achieved improvements in service delivery (2015-17): Led initiatives contributing to 42% fewer new HIV infections in men who have sex with men (MSM), shortlisted for a 2017 BMJ award. Set up and run 4 successful services

Developed new education initiatives (2015-17): Established and am FSRH Training Program Director for the Chelsea and Westminster and West Middlesex contraception training program for doctors and nurses within and outside the Trust, one of only a handful of GUM physicians in this role

Established active research programme at 56 Dean Street (2015-17): UK Chief Investigator for DISCOVER, an industry-sponsored international multicentre clinical trial of pre-exposure prophylaxis (PrEP); Principal Investigator for 7 other studies; 21 publications in peer-reviewed journals

Provide national level leadership to improve practice (2013-2017): My local PrEP monitoring guidelines were incorporated into the 2016 British HIV Association (BHIVA)/British Association for Sexual Health and HIV (BASHH) Position Statement on PrEP. I am a member of Public Health England (PHE) Resistant Gonorrhoea Outbreak Committee monitoring and advising on management of antibiotic resistance (2016 - present). I was Lead author of the 2015 BASHH Chlamydia guideline; as a BASHH Board Fellow, I reviewed NICE guidance on behalf of BASHH (2013-2016)

Name: DAVID NYLANDER

GMC/GDC Number: 3272323

Speciality: MEDICINE

I deliver a high quality, high volume service. In last 3years I averaged highest (570) new out patients (department av. 400)/year. Also in last year I have performed most endoscopies; 317 gastroscopies, 410 colonoscopies, 30 balloon enteroscopies. Despite all this I have achieved following since last award:

- -Clinical Director North of Tyne bowel cancer screening centre serving population over 810,000 (achieving excellent QA reviews 2015). I have led implementation of flexible sigmoidoscopy screening as a first wave centre.
- -I am the sole physician in the Northern UGI cancer centre team (internationally renowned & serving 3 million population) in which I have developed a radiofrequency ablation service for dysplastic Barretts oesophagus, now achieving over 90% clearance of dysplasia in my patients. Now a regional referral service with 55 procedures in last year.
- -I won a grant from British Society of Gastroenterology, to teach in poor countries (2016). I led training then developed process of remote supervision. To date, doctors there have completed 27 procedures —a template for remote endoscopy training.
- -I have jointly developed a regional balloon enteroscopy service allowing nonsurgical access to deep areas in the small bowel. Within this, I am the only person who performs anal approach & single balloon enteroscopy.

Name: LISA PICKERING

GMC/GDC Number: 4199432

Speciality: MEDICINE

- 1. CLINICAL MANAGEMENT I was appointed Divisional Chair of Medicine & Cardiovascular Sciences in 2015 with accountability for quality, finance, strategic & operations across 6 directorates of >2500 staff, operating budget £280 million.
- 2. NHS SERVICE: As a member of regional Cancer Drugs Fund & Individual Cancer Fund Request Committees I contributed to appraisal of >300 applications for new drugs to ensure their evidenced, prioritised introduction & introduced guidance to ensure access to standard treatment for trial patients. As oncologist for the London Cancer Alliance Urology Group I have written regional guidelines for bladder, penile & prostate cancers.
- 3. LEADERSHIP & RESEARCH: I am regarded as a national leader in urooncology. I have been invited speaker at 13 national/international meetings since 2014, chief investigator for the national penile cancer trial, provide expert commentary for NICE, EMEA, National Horizon Scanning, parliamentary round table events & senior urology editor for Macmillan.
- 4. TEACHING. I have designed & led an MSc pharmacology module & new exam that is mandatory training for 50 oncology trainees/year with feedback rating 4.8/5. I have contributed 70-80 questions to the RCP Speciality Certificate in Medical Oncology exam. I am regularly invited to teach externally including 12 UK oncology centres this year.

Name: MATTHEW PICKERING

GMC/GDC Number: 3657993

Speciality: MEDICINE

I am an international expert on C3 glomerulopathy and Complement deficiency. I defined C3 glomerulopathy as a new disease entity. I organized the first International Meeting on C3 glomerulopathy (2012); was lead author of the first International guidelines (2013); contributed to NICE and NHS England publications on C3 glomerulopathy (2015, 2017); am a founder member of the UK C3 glomerulopathy group; Board member of the European Complement Network and International Complement Society.

My research has international recognition for elucidating the relationship between complement activation and renal disease (first description of C3 glomerulopathy as a disease entity in 2010, >50 publications, and funded continuously by the Wellcome Trust since 2003).

I am Co-founder and Academic Director of the Imperial Lupus Centre, which provides integrated care for approximately 400 patients. I organize the Regional Lupus Educational Meetings (6 CPD-accredited meetings to date) and Lupus Patient Family Days (4 meetings to date); have developed a BRC-funded Lupus database and lead a research program that is part of a major UK-wide Lupus MRC stratified medicine grant.

I am Head of Rheumatology, Imperial Healthcare NHS Trust (since April 2014), leading a service that operates on 3 sites responsible for nearly 5000 patients.

Name: NICOLA RAGGE

GMC/GDC Number: 2957245

Speciality: MEDICINE

Skill set:

dual accredited in Genetics & Ophthalmology–unique in UK <10 worldwide

- Professor in Medical Genetics leading eye genetics research program at Oxford Brookes Univ (OBU), complementing my BWH clinical consultant genetics work, enabling me to deliver top quality international level translational eye genetics services
- awarded FRCP as esteem recognition in medical genetics

Innovation in Service Delivery:

 Established new multidisciplinary eye genetics clinics built on my previous successful Moorfields model. In 2015/6 my clinic attracted 52 national referrals, and provided new patient diagnoses

International clinical & research profile:

- >£2.2M total grant income eye genetics research
- Invited speaker/presenter:19 papers at national/international meetings since 2013;
- Assoc Editor J Med Genet 2009-14
- Publish in high esteem journals
- Contribute to policy-making: on natl Committees: Genomics England (Eye) & UK Eye Genetics Group (EGG) 2016-

Translational, innovative, high quality patient care:

- Link clinical activity at BWH with research at OBU, holding joint appointments
- Pioneered, secured funding, successfully trialed ground-breaking translational eye gene panel analysing 350 diagnostic and 195 research genes, linking my OBU & BWH teams for patient benefit
- Joint lead Bham paediatric NF2 NCG service

Name: KRISHNARAJ RAGUNATH

GMC/GDC Number: 4255880

Speciality: MEDICINE

My achievements last 5 years:

- I have been Head of Service for Endoscopy at Nottingham University
 Hospital since 2012. I have introduced an unique clinic based
 Transnasal Endoscopy service. Based on our innovative direct to test
 endoscopy, Nottingham was selected as pilot site to conduct ACE
 (Accelerate, Co-ordinate, Evaluate) project.
- My excellence in clinical endoscopy research resulted in my appointment as the Professor of Gastrointestinal Endoscopy in 2013. This is the 1st such appointment in the history of Nottingham University and Nationally the first few. I am the current Chair of World Endoscopy Organization research committee and also a key UK faculty in the first World Congress in Endoscopy just concluded.
- I lead a centre of Excellence with National and International reputation that was reflected in NUH selected to Live transmit Endoscopy procedures via satellite transmission to the first national Live endoscopy event (Endolive 2014). Internationally, NUH is now recognised as European Advanced Endoscopy Training centre since 2015.
- I have been the British Society of Gastroenterology International Secretary since 2014 and now appointed as the first chair of the International committee. In this role I oversee delivery of educational and service development projects in under resourced countries.

Name: NAJIB RAHMAN

GMC/GDC Number: 4732936

Speciality: MEDICINE

1. Clinical Excellence:

- Lead for the Oxford Pleural Unit which is in the top 5% of UK centres for volume and outcome.
- Delivered >3 times the number of funded outpatient episodes over 1 year.
- Innovated the pleural MDT and a pleural phone service resulting in increased ambulatory care, input to >1200 patients in 20 months.
- Excellent patient feedback in symptom improvement and service quality.

2. Leadership:

- Director of the Oxford Respiratory Trials Unit (ORTU), manage 33 members of staff and collaborate with 12 academic units.
- Recruiting studies increased from <10 to 30 currently.
- Chairman, British Thoracic Society (BTS) Pleural Specialist Advisory Group.
- Member of BTS Council and 5 BTS National Committees.

3. Academic:

- Practice changing research: led clinical trials published in the NEJM, JAMA, Lancet Oncology, Thorax, AJRCCM and Chest.
- Published >100 papers, cited 2517 times, H-index of 25 and authored 17 book chapters / books.
- Total grant funding >£3 million.

4. Teaching:

- Lead faculty for highest rated BTS course and European Respiratory Society (ERS) course.
- Invited speaker to postgraduate symposium >30 times in >10 countries.
- Invited to lecture at RCP course on 4 occasions.
- Academic tutor for medical students who have won University prizes.
- Formally accredited 28 physicians in ultrasound.

Name: FL RAYMOND

GMC/GDC Number: 3338348

Speciality: MEDICINE

Research: I have published >200 peer reviewed research papers with an H index=36. These exemplify my specific interest in understanding the genetic basis of rare diseases especially intellectual disability and my broader interest in improving health care in Clinical Genetics.

Translation Medicine: Facilitated by the 20+ new disease causing gene discoveries from my research group I have made a major contribution to the introduction of new diagnostic tests for intellectual disability and paediatric neurology locally, nationally and internationally through genomic analysis with a concomitant step change in improved clinical practice.

National Bioresource: As Assistant Director of the NIHR Bioresource for Rare Diseases I have managed the first large-scale whole genome sequence analysis in the UK for >8,000 cases of rare disease which has resulted in novel insights into disease and concomitant high impact publications.

Managing NHS transformation: I have made a significant contribution to the 100,000 Genome Project. As Clinical Director of the East of England Genomic Medicine Centre I lead this project in the East both for cancer and rare diseases. I serve on the Genomics England and NHSE Rare Diseases advisory groups and have served on the Clinical Reference Group for Clinical Genetics.

Name: ALISTAIR RING

GMC/GDC Number: 4431369

Speciality: MEDICINE

Over the last 5 years:

I have led large volume practice-changing audits which have improved patient safety (changes in chemotherapy regimen leading to a reductions in neutropenic sepsis rates from 19% to 8.5%), saved resources and improved patient experience (reduced observation times for patients receiving monoclonal antibody therapy from 6 hours to 1 hour). Together these audits have reduced acute admissions (30 less per annum) and saved nearly 800 hours of day unit chair time annually in my Trust.

I have been joint lead applicant or co-applicant on successful grant applications totalling in excess of £9.9 million, from Cancer Research UK, NIHR-HTA, British Heart Foundation, Macmillan Cancer Support, Roche and Astra-Zeneca.

I have been lead editor of two textbooks: "Problem-solving in Older Cancer Patients" (Ring A et al, 2015, ISBN-13: 978-1846921100) and "Breast Cancer Survivorship" (Ring A and Parton M, 2016, ISBN 978-3-319-41858-2). "Problem-solving in Older Cancer Patients" was awarded first prize (oncology section) in the 2016 BMA Medical Book Awards.

I have published 21 papers including in high impact journals such as: Journal Clinical Oncology, Lancet Oncology, Clinical Cancer Research, BMJ, British Journal of Cancer and Annals of Oncology.

Name: EDWARD RODDY

GMC/GDC Number: 4430595

Speciality: MEDICINE

Significant achievements in the last five years include:

- developing and leading an innovative clinical service for patients with complex gout, which is nationally-recognised, as evidenced by regular tertiary referrals from across the country.
- promoting and leading the national clinical agenda for gout, improving patient care through leadership of the British Society for Rheumatology (BSR) national gout audit and the BSR gout guideline working group, and providing expertise as a clinical specialist into NICE technology appraisals of new drugs for gout.
- leading research programmes into gout and foot problems which have enhanced knowledge of their causes, consequences and management; £5million in grant income including NIHR funded trials of gout, plantar fasciitis and hip osteoarthritis; 59 papers published in the last 5 years; completed supervision of 3 PhDs and 4 intercalated MPhils.
- ensuring translation of evidence into practice by leading primary care and hospital specialists to improve the management of common musculoskeletal problems through leadership of regional and national educational events, invited lectures at 23 (inter)national conferences, and 13 review articles/book-chapters targeted at improving clinical practice.

Name: KAREN ROGSTAD

GMC/GDC Number: 2568801

Speciality: MEDICINE

My expertise in adolescent/public health/child protection has a major impact. I have also taken on new roles

Local

- 1. Advisory Board Children's Commissioner enquiry into CSE. Reports influenced UK health & social policy
- 2. Personal Department of Health £60k grant, led team producing National CSE Screening Tool
- 3. Member RCPCH Project Board/STI chair: produced international Evidence Based Guideline on child abuse
- 4. Working groups: Medical Royal Colleges &Dept of Health on CSE; Home Office & Dept Health on Human Trafficking. Co-author Standards/guidance: HIV Care, Treatment as Prevention, Reckless Transmission

Bronze:lost 2016

Name: MARTIN RUTTER

GMC/GDC Number: 3110687

Speciality: MEDICINE

- Academic: I received a prestigious 5-year HEFCE Clinical Senior Lecturer post (2009-2014; £250K). Associate Editor: *Diabetologia* Jan 2014 onwards; *Diabetic Medicine* 2004-2010. I've performed cuttingedge research: 5-year grant income: £0.63M (PI), £4.1M (Co-I; £3.5M from research council/government). In the past 5 years: 39 original papers published/submitted (14 first or last author incl. *Nat Genet*; *Nat Commun*); 7 reviews/commentaries (5 first/last author); current total citations: 1763; H-index: 19
- Clinical lead for Manchester Diabetes Centre (2014-present): In this
 role: I manage 45 members of staff; I led a successful bid securing
 £2M to relocate the service; increased staff numbers: consultants by 5,
 nurses by 3, psychologists by 0.5 and secured funding for 2 community
 diabetes nurses
- Islet cell transplantation: Since I established this service in the Trust (first transplant: Feb 2010) I have: i) led all 15 transplants performed; ii) led a National scheme promoting equity of access and high-quality patient information (web-available since 2012) for potential UK patients which led to me securing Quality Improvement, Development and Initiative Scheme funding for the UK consortium (£34,000); iii) made myself available 24/7 unless abroad (unpaid); iv) given 3 public lectures and >20 other lectures promoting the service

Name: PONNUSAMY SARAVANAN

GMC/GDC Number: 4558040

Speciality: MEDICINE

I highlight 4 of the key achievements in the past 5 years, which have received national and international recognition.

First one is the **revision of the 'Clinical Practice Guidelines for Hypothyroidism'** by combined American Thyroid Association & American Association of Clinical Endocrinologists in 2012, specifically citing my publications.

Secondly, establishing a **mother-baby biobank** utilising my MRC funded PRiDE study, which will complete the recruitment of 4500 ahead of target completion in May 2017, from 10 centres across England (>4300 to date). This will be the biggest early pregnancy cohort to develop individualised risk prediction for Gestational Diabetes (GDM). This was built-on the core budget of only £303,000. This enabled further cohorts have been funded by MRC in India (n=3400), Kenya (n=4000) and Malaysia (n=5200).

Thirdly, 2 national awards: Prestigious **NHS innovation prize of £100,000 (2015)** for developing and delivering high quality integrated care in Diabetes, specifically for BME population. This was in addition to the 'Quality in Care' runners up award (2014)

Finally, played a key role in the MRC's international research policy development in the field of 'Maternal and Child health'. Resulted in MRC announcing a call for research proposals in the field of GDM this year (1 of 4 topic areas; Newton fund).

Name: JOHN ANTHONY SCOTT

GMC/GDC Number: 3250004

Speciality: MEDICINE

Clinical. As co-PI in PERCH (Pneumonia Etiology Research for Child Health), a \$40m Gates funded multi-site study of pneumonia aetiology, I exposed the non-specificity of clinical definitions of childhood pneumonia and co-presented (ASTMH Nov 2016) the aetiology findings of this 9000 child study, challenging current empiric management protocols.

Research. Since 2012 I have been appointed Professor of Vaccine Epidemiology at LSHTM, Wellcome Trust Senior Fellow, Fellow of the Academy of Medical Sciences. My principal research (Gavi Alliance >\$15m) exploring the population impact of pneumococcal vaccines has revealed significant efficacy of PCV10, a competitor vaccine to the UKs choice.

Leadership. I am founding Director of the Vaccine Centre at LSHTM - over 100 scientists integrating vaccine research across the development pipeline and co-hosting meetings with WHO, NIHR. I direct the NIHR Health Protection Research Unit in Immunisation which provided contributory evidence for most vaccines reviewed by JCVI in the last 2 years.

Policy. I influenced policy as committee member of JCVI, chair of the Pneumococcal sub-committee, and member of the DH CEMIPP vaccine evaluation and procurement review (2014/16). I worked with Gavi, The Vaccine Alliance, 2013 to provide a rational basis to assess their \$8bn vaccine investment strategy.

Name: DEBAJIT SEN

GMC/GDC Number: 4050700

Speciality: MEDICINE

Since April 2012:

Research Excellence

- -I am Co-Director of the first ever Adolescent Rheumatology Centre in the **World** funded £2.5M for 5 years. I oversaw successful delivery of all outcomes & since inception in 2012 leveraged a **further £12.2M** in research grants.
- -I created & was inaugural Chair of the first **National Network** of Adolescent & Young Adult Rheumatology.
- -The Centre's success was endorsed by a Royal Visit 2015.

Delivery of the highest quality clinical service

-I continue to lead and personally deliver my clinical service including the 'cradle to grave' model that is being emulated across the **UK** and **internationally.** This continues to receive widespread recognition, including **patient organisations** such as Arthritis Care & Lupus UK, as the "**Gold standard** of care" for young people with rheumatic disease.

Management and Leadership

- -As DCD for Medical Specialties our clinical activity has continued to grow and improve in quality in a challenging & rapidly changing environment.
- -I have fostered a culture of collaboration & innovation & successfully added cardiology to our existing complex portfolio of **9 clinical departments**
- -Tower Outpatients: I successfully led on a turnaround of our staff & patients' experience & two major reorganisations.
- -I successfully manage £114M annually & delivered £ £4.5M in 'savings'.

Name: NEIL SHEERIN

GMC/GDC Number: 3497328

Speciality: MEDICINE

I am the co-lead of the National atypical Haemolytic Uraemic Syndrome service which was commissioned by NHS England in 2016 to manage patients with aHUS. I have established treatment pathways, implemented automated data collection and am currently implementing the recent NHSE policy for C3 glomerulopathy. I have advised on the development of services in other countries, acted as an advisor to NHSE and NICE and have an active clinical research programme.

As a transplant nephrologist, I have been involved in the development of National and International guidelines as part of the Kidney Disease Improving Global Outcomes initiative. As chair the regional transplant group I have developed local services, introducing virtual cross matching and increasing living donation.

I lead a laboratory research group in the University and clinical research team in the Trust, with a portfolio of basic research in fibrosis and related clinical projects. Until 2016 I was the NE CLRN lead for renal disease and national communications lead for the Renal Speciality group.

I actively contribute to the wider renal community as treasurer of the Renal Association, contributing to educational activity through the Advanced Nephrology course, RCP SCE standard setting committee (to 2015) and regularly present at national and international meetings.

Name: MARK SIMMONDS

GMC/GDC Number: 6028092

Speciality: MEDICINE

Led the NUH Sepsis programme (2011-7) with national and international recognition. Our Sepsis HSMR has fallen from 119 to 84 over 5 years and NUH is now recognised as an exemplar site by NHS England. I presented to the Sepsis All Party Parliamentary Group (2014) and was appointed to the NICE Sepsis Guideline Development Group (2014/6).

Launched, developed and led the NUH Recognise and Rescue Programme (R&R), (2012-6) creating a Trust-wide effort to improve response to deteriorating patients. I devised and delivered on 6 CQUIN programmes related to sepsis, EWS and cardiac arrest and led our team to HSJ Patient Safety Award finals for 4 projects over 3 years.

Working with ICT colleagues, R&R led to me initiating, designing, and delivering a sophisticated eObservation and eHandover system to over 5000 mobile devices across all NUH wards. eObs is now a cornerstone of patient safety and eHandover has developed into a summary of patient status with applications to clinical efficiency, bed management and enhanced external communication. This pioneering work has helped over 25 NHS Trusts implement similar developments and won a Building Better Healthcare Award 2016.

I was Highly Commended in HSJ Clinical Leader of the Year 2015. In 2016 I began an ambitious re-engineering of NUH operational systems as a Deputy Divisional Director.

Name: A JOHN SIMPSON

GMC/GDC Number: 3495443

Speciality: MEDICINE

In the last five years:

- 1. As Director of the NIHR Diagnostic Evidence Co-operative (DEC) at Newcastle (one of the four NIHR DECs in the country) I have improved access to the NHS for in vitro diagnostics. The NIHR DEC has interacted with over 100 companies and collaborated on grants worth >£11M
- 2. As Dean of Translational Research at Newcastle University, I played a key role in securing Newcastle's NIHR Biomedical Research Centre (as Scientific Director), MRC/EPSRC Molecular Pathology, and consecutive MRC Confidence in Concept Awards (as lead applicant).
- 3. As a member of the MRC's Clinical Training and Career Development Panel I have contributed to securing world class training for the highest potential clinician scientists in the country.
- 4. As a researcher I have delivered a multicentre randomised controlled trial of antibiotic stewardship in 22 intensive care units (as lead), and play a key role in a national, MRC-funded consortium seeking new strategies to combat antimicrobial resistance.

Name: DAVID SMITH

GMC/GDC Number: 4022859

Speciality: MEDICINE

Clinical leadership: Passionate about heart attack care, I led the transformation from thrombolysis to primary angioplasty improving acute heart attack care for Wales. I advise the National Institute for Clinical Excellence (NICE) to develop guidelines and quality standards in acute heart attack care throughout the UK. I am an invited Expert Adviser for the Centre for Clinical Practice at NICE. I have also been elected to the council of the British Cardiovascular Intervention Society (BCIS).

Innovation: I have improved patient care by developing the first transcatheter aortic valve implantation (TAVI) programme in Wales, and delivering excellent outcomes despite high age and risk complexity. For this I have been recognised by the Bevan Commission as a Health Technology examplar. I have introduced and delivered contemporary complex coronary angioplasty techniques and procedures, offering a minimally invasive alternative to open heart surgery.

Teaching: Providing local and national educational opportunities for medical, nursing and allied healthcare professionals. Organise two annual national PCI meetings.

Research: I am a full-time NHS clinician but have participated in many multicentre trials, published widely, developed research collaborations and received grant funding worth over £1.2 million as a primary investigator.

Name: JAMES SPICER

GMC/GDC Number: 4210746

Speciality: MEDICINE

- 1) 10 years ago there was no access to Phase 1 trials at our Cancer Centre, but since then I have built a successful and innovative Unit offering patients, without other treatment options, participation in studies of the newest and most promising novel agents. This activity forms the core of our NIHR/Cancer Research UK-supported Experimental Cancer Medicine Centre, renewed in 2016 with doubling of funding.
- 2) Another part of my clinical work is care of lung cancer patients, with numbers & treatment options continuing to rise. Outcomes are superior to the national average: 1 year survival for our sickest patients is 37% compared to 31% for UK overall (Cancer Programme review Jan 2017). We transferred this service to the new Cancer Centre in October.
- 3) I am Lead for all trials (>150) in our Cancer Centre, delivered by a team of 40, supporting a group of world-leading clinical scientists. My own Phase 1 & lung trials led to 11 papers in 2016, and include translation of King's-discovered therapies into new drugs in our clinics. These attracted national press and BBC TV coverage in 2016.
- 4) I am clinical Lead for the Guy's Clinical Research Facility, which in Nov 2016 underwent a successful inspection for accreditation as an NHS Phase 1 Unit, one of only 3 in England. I was promoted to Professor in 2016.

Name: PATRICK STONE

GMC/GDC Number: 3497407

Speciality: MEDICINE

Since 2011 I have continued to make major contributions to palliative care research at national and international level, while developing and delivering clinical services for NHS patients with palliative care needs: 1. Appointed to University College London's first chair in palliative medicine (2014) and lead a department of over 20 full time researchers/academics and 7 PhD students. As a result of external peer review in 2015 Marie Curie awarded £3.2M core funding (over 5 years) and a programme grant (£1.8M over 3 years) to improve care for dying patients. 2. Successfully completed one of the largest prospective (n = 1018) multi-centre palliative care studies to improve the accuracy of prognostication in patients with advanced cancer. Subsequently awarded £830k by the National Institute for Health Research (NIHR) to validate the prognostic tool which was developed. My research addresses key research priorities identified by patient groups (such as the James Lind Alliance) and by the NHS (my work is commissioned by NIHR). 3. Chief investigator on an NIHR funded (£1.4M over 42 months) multi-centre study to evaluate the use of methylphenidate to treat cancer-related fatigue in patients with advanced cancer. 4. Elected member of the Association of Palliative Medicine (APM) science committee (2010 -) and Chair from 2013 to 2015.

Name: CHRISTIAN P SUBBE

GMC/GDC Number: 4139100

Speciality: MEDICINE

My contributions are focused around innovation in patient safety and delivery of acute care.

- 1. I am leading research into a key tool for safety of deteriorating patients in the NHS: Early Warning Scores. I have published world firsts on validation, reproducibility, implementation.
- My work informed NICE CG50.
- I was member of the RCP's working party for the National Early Warning Score.
- I was clinical lead for implementation in Wales with a resulting reduction of mortality from sepsis by 20% since.
- I lead research with world leading producer of monitoring (Philips) in Bangor: we reduced patient's risk of cardiac arrests by 80% and doubled chances of survival for those admitted to Intensive Care.
- 2. I have co-founded and led the now HQUIP accredited Society for Acute Medicine's Benchmarking Audit for 6 years making it a UK standard to measure quality at the front door.
- 3. I co-authored the CARTREF application to the RCPs Future Hospital Program making Bangor one of only four first generation demonstrator sites in the UK: We enabled frail elderly patients in rural Wales to be seen by specialists without having to travel to the main hospital.
- 4. I lead high impact service improvement research to protect frail elderly patients and those at risk of acute kidney injury and sepsis with leading UK and international partners.

Name: GANESH SUBRAMANIAN

GMC/GDC Number: 4484965

Speciality: MEDICINE

I am in the steering group of East Midlands Radiology Consortium (non-radiology clinician lead) - this has overseen the deployment of PACS system across the region with the ability to share images of any patient whichever hospital (7 acute trusts) the image was captured. This has been given Vanguard status. The system has also produced a saving of circa £53m (down from £80m to £27m)!

I have led the refurbishment of the education centre at Nottingham University Hospitals (NUH) at a cost of £1.4m; I have successfully overseen the whole project from developing the plans to completion within 2 years with no money taken from the NUH budget.

I have developed a 'training' programme for SAS doctors in Emergency Medicine (at Derby) which has led on to appointment of 19 (out of 25) substantive SAS doctors in 2014 - estimated saving of circa £1m to the Trust. This model is being adopted across East Midlands now.

Contribution to Education - I am a member of the Internal Medicine Advisory Committee (RCP); TPD in GIM & Associate Postgraduate Dean in East Midlands; Clinical lead for Medical Assistantship programme for the final year MBBS students at University of Nottingham; host examiner for MRCP PACES since 2010; Chair, Registration/FtP, General Medical Council; developed a MSc for SAS doctors in 2014 (now has 30 registrants in 2017).

Name: ANDREW TOMETZKI

GMC/GDC Number: 3070387

Speciality: MEDICINE

- **1. Clinical Leadership:** 18 years full time NHS consultant developing & managing a tertiary congenital cardiac service. Clinical Lead for Cardiac Services between 2007 2011 and again Jan 2015 June 2016 during challenging local and national external Reviews.
- **2. Service delivery:** Secured multidisciplinary engagement to drive extensive improvements; setting up state of the art HDU, expanding Psychological staff, opening the most modern Hybrid Catheter Lab in the UK. Provided mentorship for staff most affected by review stresses.
- **3. Safety of patients:** Devised a clinical dashboard to demonstrate clinical risks within the surgical waiting list to managerial and clinical colleagues. This focused the need for expansion of operating sessions leading to a significant reduction in waiting times.
- **4: Innovation:** Developed fetal cardiology telemedicine service for the south west using videoconferencing (VC) between Bristol and Truro. Introduced High Definition VC to Exeter, Plymouth and Torbay within the last 5 years. Improved access to expert opinion, usually within hours of referral, resulting in earlier diagnosis, multidisciplinary counselling of expectant mothers and their partners and cost savings. Created the Congenital Heart Disease Network for South Wales and South West ahead of NHSE implementation with patient involvement.

Name: NICHOLAS TORPEY

GMC/GDC Number: 4094362

Speciality: MEDICINE

I have been **Clinical Director** of Nephrology (2011-14) and Nephrology, Hepatology, Transplantation and Hepato-biliary surgery (2014- - present). The directorate is focussed around the only comprehensive (bowel, liver, kidney and pancreas) adult abdominal organ transplant service in the UK. Patients transplanted in Cambridge have amongst the shortest waiting times and highest survival from listing (at or above the 99.8% confidence limit) in the UK.

I am a member of the **British Transplant Society Council** (2014-20) In that capacity I represented the UK kidney transplant community at NICE with regard to proposed immunosuppression guidelines, leading to a successful appeal on the grounds that the NICE proposals were unfair to a significant minority of kidney transplant recipients. I am a member of the Dialysis and Transplant Clinical Reference Group (2016 -).

Education - I am editor and principal author of the Oxford Handbook of Renal Transplantation. I have given numerous invited educational presentations throughout the UK and abroad.

Research - I have successfully maintained Addenbrooke's role as a leading contributor to clinical research including the 3C study, Alexion sponsored trials of Eculizumab, the first trial of Belimumab in transplantations, and the first use sFLT3 removal in pre-eclampsia.

Name: CLARE TURNBULL

GMC/GDC Number: 4431857

Speciality: MEDICINE

In 2014, I was the first clinician appointed by Chief Scientist, Prof Mark Caulfield to provide clinical leadership to the 100,000 Genomes Project (100KGP), a programme of NHS transformation implementing Whole Genome Sequencing (WGS) to advance precision medicine across NHS England. As an established clinical-academic researcher in genomics, a passionate clinician in clinical genetics and newly appointed member of the RCP Faculty of Public Health, I work tirelessly as Clinical Lead for Cancer Genomics for the 100,000 Genomes Project, to ensure that we best harness the renaissance in sequencing technology to improve the management of NHS cancer patients. My NHS contribution is thus much more at a national than local level.

I have developed the **automated clinical cancer WGS analysis pipeline for the 100KGP** (2014-) and we are now returning **'clinical-action'-focused WGS analyses** to NHS clinical oncology services at 15 NHS trusts: the first health care service worldwide to implement WGS direct within clinical cancer care. I have also led the 100KGP **pertinent cancer findings programme** (2015-) through which we have returned germline cancer findings direct to the oncology services for participants from the cancer programme, which findings are used to inform immediate cancer care, manage future cancer risk and implement family testing.

Name: CATHERINE URCH

GMC/GDC Number: 3547326

Speciality: MEDICINE

1) Oncology dept transformation

Transformed inpatient: ambulatory, elective admission & emergency admission units. Length of stay and bed base halved. OPD transformation: 20% increase in productivity, reduction of average waiting to under 40 minutes, enhanced junior doctor education.

2) Trust Leadership

I lead a team which has transformed the entire Trust cancer performance from failure to sustainably meeting all targets, with real time monitoring. Focusing on people (patients and staff), pathway and process, we have moved from the worst patient experience to 10th most improved, introduced Schwartz rounds, pioneered Navigator service and others. Divisional Director 2017

3) Palliative Care Dept. Established

In RBH and post merger HH/CXH there was no palliative care department. Under my leadership the department now has the highest number of referrals in UK, younger population, shorter length of stay and higher discharge from hospital (national benchmarking). Successful grants enable ongoing innovation and education.

4) West London Research Ethics Committee Chair and GTAC

I have been a member of REC and now chair for more than 10 years. We became the national GTAC REC in 2013 due to my leadership & expertise and are the busiest REC in UK, with excellent feedback. I was asked to join HRA-NREAP, 2017 as a senior REC chair.

Name: NICK WARD

GMC/GDC Number: 3340976

Speciality: MEDICINE

Between 2014-2017 I set up and developed the first post-stroke Upper Limb Rehabilitation service in the UK, offering intensive in-patient treatment. My work in this NHS service is creating a published evidence base with which to drive improved standards in stroke recovery. Our clinical outcomes are outstanding, surpassing results from international studies of upper limb rehabilitation.

In 2013 I co-founded and have since led UCL Partners Centre for Neurorehabilitation, a collaboration between clinicians and researchers to improve the lives of people with disability by solving major challenges in neurorehabilitation. In 2017, this is being achieved through (i) Clinical Networking Groups that have established new and effective rehabilitation treatment pathways across North London and beyond; (ii) Seminars and symposia disseminating upto date knowledge to the next generation of rehabilitation clinicians and researchers; (iii) Providing mentoring of academic careers for allied health care professionals.

I am a research active clinician with over £4.9M of grant funding to support clinical research over last 5 years as both PI (£1.0M), Co-PI (£2.7M) and sponsor of fellowships/studentships (£1.2M).

As a marker of my standing in the field of neurorehabilitation, I co-edit the Oxford Textbook of Neurorehabilitation (2013 & 2017).

Name: GEORGE WEBSTER

GMC/GDC Number: 3546985

Speciality: MEDICINE

Clinical service. I am lead of the service at UCLH, one of the busiest in the UK. I perform > 250 ERCPs/year (top 1% nationally), and have set up and deliver the largest cholangioscopy service in Europe (for diagnosis/treatment of biliary cancers and stones). I deliver an innovative consultant delivered telephone clinic, a tertiary practice in advanced endoscopy and complex pancreaticobiliary disease, and specialist MDMs related to complex pancreaticobiliary disease and IgG4-related disease (IgG4-RD).

Research and publications. I have published 77 peer-reviewed papers (28 in last 5 years), and led the first UK group to report a cohort with IgG4-related disease (IgG4-RD). Active international research collaboration on IgG4-RD has resulted in highly cited papers on disease classification, diagnosis, and management. Endoscopy-related publications include the endoscopy chapter in Oxford Textbook of Medicine, and international guidelines on bile duct stones and stenting.

Education and Training. Director of EndoliveUK2017, the largest such conference ever held in UK, and director of annual London Live Endoscopy course. I developed and deliver annual regional/national SpR and consultant level ERCP training courses, and have been invited as international faculty to lecture/deliver endoscopy in 8 countries over the last 5 years.

Name: JULIET WRIGHT

GMC/GDC Number: 4108397

Speciality: MEDICINE

I was competitively appointed as Director of Undergraduate Teaching and Learning at Brighton and Sussex Medical School in 2015 and been appointed to the Medical Schools Council Assessment Alliance team to establish a national exam question bank.

I have demonstrated excellence in teaching and was awarded the University of Sussex Teaching Innovation Prize 2015, the University of Sussex Award for Outstanding Support for the Learning Experience of Students 2014 and BSMS Best Teacher in the Entire curriculum 2011, 2012, 2013, 2014 and 2015. I am a co-investigator of the HEKSS funded Time for Dementia study which received 2 national awards in 2016.

I provide a specialist clinical outpatient service for older patients with HIV and supervise 2 PhD students in the field. We published a systematic review of frailty in this group and I presented our work at the National BASHH Conference 2015 and Gilead Summit Meeting 2016 –Plenary presentation: Ageing Well with HIV

I have been a member of the MacMillan Geriatric Oncology Expert Reference group since 2014 and provide an innovative joint clinic with the breast team to ensure best practice for older patients with breast cancer - our model was selected for a poster presentation at the International Society of Geriatric Oncology Symposium on Primary Breast Cancer in Older Women 2017

Name: KATHIR YOGANATHAN

GMC/GDC Number: 3430037

Speciality: MEDICINE

- HIV/GUM Consultant for 24 years. Developed a high quality service (published audit) & Lead HIV tertiary centre in a teaching hospital with responsibility for in/out - patient care of 485 HIV patients. I also lead in Integrated Sexual Health (ISH) in charge of GUM, Pregnancy Advisory Service, and Contraception & Sexual Health since 2009 - always achieved 48-hour DOH mandatory target. Obtained DFSRH in 2013 & practise ISH under one roof.
- PACES Examiner since 2007 (Only GU Physician hosted PACES in 2011 in the UK), International PACES in Chennai 2014, Cairo 2015, Dip GUM Examiner since 2009 & final MB OSCE since 2008. I write questions for final MB exams & OSCE stations for Dip GUM.
- Hon Lecturer HIV teaching (covers most specialities), SpRs from O&G, Dermatology, Chest, Gastroenterology, Neurology & GP trainees. I lecture on National Family Planning Courses and Grand rounds. I am also an invited speaker for National HIV lectures. I trained an independent prescriber who saved £438,770 in 2016. STC Chair & TPD GUM Wales since 2009 - ARCP/PYA & external assessor for Severn Deanery, SAC member for Wales since 2008 - interviewing ST3. Educational supervisor for F2 & SpR. Central assessor for Mini CEX for ABMUHB.
- Textbook 1st author on Neurosyphilis for "Neurology in Tropics" in 2016. Involved in research with 90 publications

Name: JOHN (SEAN) DUFFY

GMC/GDC Number: 2811509

Speciality: OBS AND GYNAECOLOGY

I was National Clinical Director for Cancer for NHS England from 2013-2016. Key successes in this role have been: the delivery of the "5,000 lives saved" objective of the previous cancer strategy, leadership in the development of a new cancer strategy, and the development and launch of a new care models programme in cancer (ACE Programme) which is a transformational programme for cancer services. In recognition of my leadership as NCD, I was in the Top Clinical Leaders list published by the Health Services Journal in 2013 and 2015.

I have been promoted to Professor in Healthcare Innovation in Cancer in Leeds University, this has been in recognition of my leadership, enterprise and knowledge transfer in this field, as well as my expertise in research and teaching excellence.

I am the Cancer Alliance Lead in West Yorkshire and Harrogate and have developed an implementation plan and have negotiated funding for the programme delivery office (£700,000 in the first year and £12m pending). I am also Leeds City Strategic Cancer Lead and have similarly negotiated funding ((£810,000 in the first year). I am now putting the skills honed in my national role to use for the direct benefit of cancer patients across West Yorkshire and Harrogate.

I am the clinical lead for the West Yorkshire Sustainability and Transformation Plan (Strategic group).

Name: SADAF GHAEM-MAGHAMI

GMC/GDC Number: 3468115

Speciality: OBS AND GYNAECOLOGY

I chair the National Scientific Advisory Committee of RCOG. As a result of my work with this committee, in January 2016 I was elected to the International Federation of Gynaecology and Obstetrics (FIGO), an international organisation dedicated to improvements in women's health and reduction of healthcare disparities) Reproductive and Developmental Environmental Health working group in which I carry out collaborative international research and advocacy.

Oct 2015 as a result of my dedication to the training of the O&G trainees, I was appointed as the Deputy Regional Training Director. I have introduced new ways of enhancing trainee career path planning and have been extensively involved in the assessment and advising of the academic trainees in all the London deaneries. Their career planning and achievements have been enhanced through this.

March 2016 I was elected to the British Gyanecological Cancer Society Council as the basic science representative for the UK, influencing the direction of research and evidence based practice in gynaecological cancers.

March 2016 As an expert member to the National Institute of Health and Care Excellence (NICE) Diagnostic Assessment Committee for adjunctive colposcopy technologies I have evaluated novel techniques as they are introduced into the NHS, leading to more accurate diagnosis.

Name: SWATI JHA

GMC/GDC Number: 5207986

Speciality: OBS AND GYNAECOLOGY

- I have developed, established and lead the Laparoscopic
 Urogynaecology service in Sheffield which is also the only accredited
 training centre in Y and H. I also lead a tertiary level Paediatric
 Adolescent Gynaecology service, Perineal Trauma Service and FGM
 service in South Yorkshire.
- I provide clinical leadership at a local and national level by playing a
 role in transforming services and the National Training programme. I
 have served as the Y and H Representative on NHS England, am
 current Chair of the Training Committee of the British Society of
 Urogynaecology and the Urogynaecology Representative on the SST
 committee of the Royal College of Obstetricians and Gynaecologists.
- I have contributed significantly to teaching, training and education and co-authored the RCOG curriculum for laparoscopic urogynaecology, written mandatory CPD updates for Consultants and national guidelines and organised National Conferences on Childbirth and the Pelvic Floor and Urodynamics as well as International workshops. I am a regular invited speaker at National conferences organised by the RCOG and BSUG.
- I am Research active (over 30 publications in the past 5 years) and have received both NIHR funded and other grants as Principle Investigator, and have collaborated on national and internationally conducted multicentre studies.

Name: EJAZ ANSARI

GMC/GDC Number: 3328781

Speciality: OPHTHALMOLOGY

- 1. My research and teaching contributions have been recognised by the University of Kent at Canterbury, who have awarded me with Professor position at the department of Physical Sciences; I have authored more than 10 papers in the last 5 years and 3 papers in peer reviewed journals in 2015 alone.
- 2. National and International Award (at RCOphth Congress 2015 and Aurora Meeting 2016 respectively) for multi-centre study on new XEN glaucoma implant- our Trust was the best recruiter for this European study which is now complete; I am one of only 4 surgeons in the world to have completed more than 200 implants.
- 3. I have developed MCh in Surgery programme for Ophthalmology- Christ Church College, Canterbury. Validation March 2017. Intake September 2017.
- 4. Adviser to Central London CCGs for design and commissioning of ophthalmology care in community settings. The contracts have now been issued.

Name: KEITH BARTON

GMC/GDC Number: 3108877

Speciality: OPHTHALMOLOGY

- **1. Clinical.** I run a surgery-focused innovative glaucoma firm. I was first in the UK to trial several Minimally Invasive Glaucoma Surgical (MIGS) devices, supported by a fellow whose salary I have funded from a private donation (July 2014).
- **2. Academic.** I have been Editor-in-chief of the British Journal of Ophthalmology since April 2014, Hong Leong Visiting Professor, National University of Singapore since 2011 and honorary reader at UCL since 2012. I have been co-applicant on 2 successful NIHR HTA grants, totalling £3.68m (2011 and 2014 for 72 months).
- **3. Patient Advocacy.** Since becoming International Glaucoma Association Chair (UK charity for glaucoma patients) in 2012, I have overseen restructuring resulting in the CEO's departure, appointment of a successor and a move from deficit to surplus. I have established a patient-focused website (2016), offering company-independent information on glaucoma devices, which I am developing as a tool to acquire patient-reported outcome data.
- **4. Education.** I organise the annual Moorfields International Glaucoma Symposium with a dual educational and fund-raising role. I am internationally known for glaucoma surgery receiving >20 international lecturing invitations annually. In 2017 I will receive the Charamis Medal for Ophthalmic Surgical Innovation by the European Society of Ophthalmology.

Name: MICHAEL BURDON

GMC/GDC Number: 3069231

Speciality: OPHTHALMOLOGY

Work for Royal College of Ophthalmologists (RCOphth)

I was appointed Vice-President and Chair of the Scientific Committee in 2014. In this role I have significantly enhanced the quality of our annual Congress, Seminar programme and advice to outside organisations.

I have been elected College President, to take office in May this year

National Guideline Development

Since 2014 I have developed a major interest in the development of high quality clinical guidelines. I am chairman of the NICE Cataract Guideline Development Committee. Its draft recommendations will shortly be circulated for consultation, prior to publication later this year. I have contributed to the writing of RCOpth guideline development protocols and have taken a lead in developing new College guidelines.

Clinical Service

I have conducted a major review of our Trust's cataract service, making recommendations that should improve quality, safety and efficiency.

Education and Training

I have developed an international role as an educator, not only in my specialist field of neuro-ophthalmology, but also in the wider aspects of our profession such CPD, examinations and train the trainers. In recognition of this work, I was voted Trainer of the Year by West Midlands Ophthalmology Trainees, and was elected a Fellow of the Royal College of Physicians of Edinburgh

Name: STEPHEN CHARLES

GMC/GDC Number: 2839491

Speciality: OPHTHALMOLOGY

- ESTABLISHED MACULAR TREATMENT CENTRE at Manchester Royal Eye Hospital (MREH) in 2000 for treatment of age-related macular degeneration (AMD), expanded over the years and now treats 1500 patients per month. LEAD CLINICIAN for Retinal Services at MREH since 2012, leading surgical and medical retina service including AMD and DIABETIC RETINOPATHY. Involved in strategic decisions to improve service and integrate care across Greater Manchester.
- DIRECTOR of VITREORETINAL (VR) SERVICE at MREH since 2006, providing TERTIARY REFERRAL SERVICE for VR surgery and macular disease in the NW England treating POTENTIALLY BLINDING EYE CONDITIONS such as retinal detachment, diabetic eye disease, severe ocular trauma and complications of cataract surgery from around the region. In 2015 developed hub and spoke VR service in Rochdale to increase patient access.
- PROVISION OF VR FELLOWSHIP TRAINING at MREH of ophthalmologists (ST7+) from the UK and overseas (3/year) in this complex microsurgery (3 lists per week). This is one of the most sought-after vitreoretinal surgery fellowships in Europe
- Since last award elected (2014, 2016) COUNCIL MEMBER, BRITISH AND EIRE ASSOCIATION OF VITREORETINAL SURGEONS (BEAVRS –the UK VR Society) and LEAD FOR PROFESSIONAL STANDARDS for Vitreoretinal Surgery setting standards of care in the UK.

Name: ALASTAIR DENNISTON

GMC/GDC Number: 4476142

Speciality: OPHTHALMOLOGY

I am a full-time NHS Consultant Ophthalmologist leading a Supra-Regional Inflammatory Eye Disease clinical service working to prevent avoidable visual loss and blindness. My international research program has published >50 peer-reviewed articles since 2012, secured >£2,200,000 in grants (PI/CI), and recognised with Honorary Chair (University of Birmingham; 2017).

- 1. Locally to improve quality and safety, set up new Inflammatory Eye Disease Service at University Hospitals Birmingham NHSFT (UHB; 2012); secured >£500000 of imaging facilities for early diagnosis/monitoring (2012-). Ophthalmic Lead for the new Rare Disease Centre, with design and delivery of supraregional/national clinics.
- 2. Inter/nationally, improving access to modern therapies for uveitis patients: identifying barriers; advocacy/advisory work (NHSE, NICE, FDA; 2014-); Cochrane (2012-); chairing NHSE Policy Working Group (2016-) leading to anti-TNF adalimumab approved for adults with severe uveitis (2017).
- Lead Author of the best-selling Oxford Handbook of Ophthalmology, for all 4
 editions (now leading international team); major inter/national impact on
 training.
- 4. As Ophthalmology Research Lead, overseen increase in departmental grants from £0/yr prior to my appointment in 2012 to £1.3 million/yr (PI/CoI) and departmental papers published from <2/yr to >20/yr.

Name: SOBHA SIVAPRASAD

GMC/GDC Number: 4568250

Speciality: OPHTHALMOLOGY

- My proudest achievement is when I was invited by the Singapore
 Ministry of Health as a Visiting Expert as part of the Health Manpower
 Development Plan in February 2017 to review their clinical services
 and report on ways to improve their clinical services and research
 outputs.
- I represented the Royal College of Ophthalmologists (RCOphth) on 7
 NICE Technology Appraisals of various interventions in retinal diseases leading to development of new clinical services in age related macular degeneration (AMD), diabetic macular oedema and retinal vein occlusion in the UK.
- As a senior author of 4 publications from a multi-country real-life study (AURA), I showed the need for change in AMD treatment regimen Our subsequent UK-wide audit proved the service improvement. I also developed the National RCOphth Retinal Vein Occlusion Guidelines to establish the care pathway for this condition.
- During the last five years, I have attracted a total of £3 Million in research funding as Lead Applicant and Chief Investigator of two NIHR EME MRC grants. I recruited both studies to time and target (total 540 patients). I also attracted a further £7 Million as Co-Applicant of 6 NIHR funded studies that will answer important research questions in the NHS.

Name: MARTIN SNEAD

GMC/GDC Number: 2981453

Speciality: OPHTHALMOLOGY

I am a full-time NHS consultant providing a busy 1:3 emergency service for patients regionally and nationally for the urgent and emergency treatment of retinal detachment.

I lead the Vitreoretinal Research Group at Cambridge University investigating the molecular pathology of retinal detachment, particularly in bilateral and familial retinal detachment and the Stickler syndromes - the most common cause of retinal detachment in families and retinal detachment in children. We have led molecular genetic research into this disorder being the first to identify the basis for the genetic and phenotypic variability, the first to identify the genetic cause for Type 2 Stickler syndrome and the first to identify the genetic basis for ocular-only sub-groups.

In 2011 our service was commissioned by NHS England Highly Specialised Services to provide the diagnostic service for patients and families with this disorder. I am the service lead.

We have developed a surgical protocol that substantially reduces the high risk of retinal detachment in patients and children with type 1 Stickler syndrome and in 2016 received a Bayer Ophthalmology "Gold" award for excellence in translation of research into clinical service and patient care.

Name: VELOTA SUNG

GMC/GDC Number: 4010568

Speciality: OPHTHALMOLOGY

Delivering high quality service: I run a tertiary complex glaucoma and a regional paediatric glaucoma services. I pioneered new management protocols for angle closure. I developed a safe post-op management system for tube implant surgery. I designed a new virtual glaucoma clinic pathway.

Clinical leadership: I served as the Clinical Director and then Group Director between May 2012 to February 2016. I successfully led many transformation projects including implementation of an electronic patient record (EPR) system, expanded the roles of allied health professionals (AHP), and improved the safety records of the eye theatres. These methods are followed by other Trusts.

Research and development: I have been a principal investigator for five multicentre portfolio studies. I successfully co-supervised a PhD project on angle closure imaging. I supervised multiple ethics committee approved studies that were published in scientific journals. I developed many new surgical techniques and designed new surgical instruments.

Teaching and Training: I run a successful glaucoma fellowship programme and speak regularly at international conferences. I published many scientific papers and contributed chapters in a textbook. I am the co-founder and co-secretary of the UK Paediatric Glaucoma Society. I created the Birmingham Angle Closure course.

Name: ROBERT TAYLOR

GMC/GDC Number: 2996424

Speciality: OPHTHALMOLOGY

I am the Chairman of the examinations committee. For 4 years I was the head examiner for the part 2 FRCOphth, which I restructured, writing and editing questions, including 120 structured 10 minute vivas and 400 MCQ questions. I revised the refraction exam to an OSCE format, designing a unique marking scheme. I was the first to write information for candidates.

I have run a NHS consultant service for children for 20 years with no formal complaints against me, including 2000 operations on children and strabismic adults. I personally explain treatments to children and carers as well as returning to parents as soon as their child's case is finished to reassure them

I wrote the college guidance on influence of the visual system on reading, cited by the Rose Review on Dyslexia. I wrote the Guideline on the Management of Strabismus in Childhood on two occasions (140 references). I have written an e-module for Horizontal Strabismus

I have developed a national and international reputation for paediatric ophthalmology and education, have co-edited 3 books, published 56 peer review papers and delivered 155 presentations at national/international meetings. I have recently taken an interest in community paediatric optometry and hope to save the NHS half a million pounds by reducing unnecessary glasses prescriptions

No national award

Name: ADNAN TUFAIL

GMC/GDC Number: 3321296

Speciality: OPHTHALMOLOGY

- 1. Led a NIHR/HTA funded study on >20,000 patient visits (>100 000 retinal images) that demonstrated that machine learning algorithms are sensitive to detect diabetic retinopathy, and are cost-effective (save the NHS >£10 million/year). Implementation in NHS screening programs planned in 2017.
- 2. In the last 5 years I jointly raised further £ 8.5 million research funding, supporting 2 clinical/academic staff to NHS clinics, enhancing service and integrating research. Funded the first non-invasive retinal vascular scanner in NHS clinical use. Led and co-designed a study looking at treatment of vision threatening complications of myopia (data used in the product label and for a positive NICE appraisal). I published 83 peer reviewed articles in 5 years to 03/2017.
- 3. I was awarded a **full Professorship at UCL** in 2015. I have given more than 30 international keynote/teaching lectures in past 5 years.
- 4. 'Big data' approaches to understand retinal disease and treatment. I initiated and developed collaborations with UCL & UK clinical centres to extract EMR NHS clinical data (>3.5 million clinic visits) and images to 1-benchmark outcomes 2-guide NHS standards quality, 3-develop novel heath economic models (demonstrated to DOH), 4- provide economic evidence to support funding for therapy for patients with wet AMD and good vision.

Name: ELERI ADAMS

GMC/GDC Number: 3478978

Speciality: PAEDIATRICS

As Clinical Lead for Neonatology, I have driven sustained growth & improvement in the NICU service locally, increasing regional access to NICU for the sickest infants from 58- 97% in the last 5 years, with year on year reduction in mortality compared to international bench-marked standards.

I led the tender & implementation of the new regional neonatal transport service to meet national specification in 2015, achieving all national targets in 2016 and the service bench-marked well above national average in all areas.

As network clinical lead I led dashboard development & feedback to support improvements in National Neonatal Audit Project (NNAP) across region 2011-17. My network is in the top 20% performers for 5 out of 7 network measures and above average for all. I have led network-wide changes in clinical management for parenteral nutrition, hypoxic ischaemia, early discharge and preterm resuscitation with improvement in outcomes.

I am Vice Chair of NHS England Neonatal Clinical Reference Group (CRG) & have led national CQUIN development for neonatology since 2012. I am on the project & advisory board for the National Neonatal Critical Care Review (2016-17) & lead on National Neonatal Pricing, changing the Neonatal Critical Care Data Set in 2015-16.

Name: INDRANEEL BANERJEE

GMC/GDC Number: 4657602

Speciality: PAEDIATRICS

- As clinical lead, I have established paediatric endocrinology as a flagship specialty in the Children's Hospital with excellent credentials and financial performance. The department is now one of the largest and most comprehensive units in the UK with a reputation for outstanding clinical care and academic record.
- 2. I lead the Northern Congenital Hyperinsulinism (NORCHI) rare disease service and have ensured its international reputation as a Centre of Excellence. NORCHI is now part of the European Reference Network for rare endocrine diseases.
- 3. I have developed a strong research profile for NORCHI through focus on clinical research, islet cell biology, developing new therapy and investigating the impact of low sugars on children's brains. My research portfolio brings translational benefits to children and families and builds pipelines for future work. I am the Chief Investigator for an international multi-centre trial for a new drug in Congenital Hyperinsulinism (CHI).
- 4. I have been a strong advocate for quality improvement within my Trust through engagement in Patient Safety Initiatives in Adrenal crisis and Internal Quality Reviews of the divisions of Trafford, Specialised Medicine and Manchester Royal Infirmary. Externally, I have led peer reviews of the paediatric endocrine centres in Cambridge, Glasgow and Edinburgh

Name: PAUL BROGAN

GMC/GDC Number: 4037538

Speciality: PAEDIATRICS

In the last 5 years:

- **1. Translational Research**: promotion to Professor of Vasculitis at UCL (2015), the first ever Professor of Vasculitis, in recognition of my significant translational advances in the fields of paediatric vasculitides and autoinflammatory diseases; obtained >£5.5m research funding; published 67 scientific papers.
- **2. Clinical service delivery/development**: 2015: Established a canakinumab vial sharing programme in the National Specially Commissioned service for children with the genetic disease CAPS saving the NHS >£650k per annum; Feb 2017, published outcomes of IL-1 blockade for this CAPS cohort: 89% clinical remission, thus benchmarking UK outcomes; Jul 2015: introduced a diagnostic targeted gene panel for vasculitis and autoinflammation for routine clinical care of patients in the UK and beyond.
- **3. Innovative clinical care**: Led 6 pioneering clinical trials for children with vasculitis or autoinflammatory disease, providing an evidence base for these rare diseases where previously there was none.
- **4. Leadership and Training**, Jan 2015: Co-director of Education at ICH for Clinical Academic Trainees. Shaping the future of academic paediatrics by appointing and mentoring the highest calibre paediatric academic trainees at UCL. Lastly, I have co-authored/edited three successful textbooks in last 5y.

Name: ENITAN CARROL

GMC/GDC Number: 3324536

Speciality: PAEDIATRICS

As the first Professor of Paediatric Infectious Diseases in Liverpool (2013), I have helped develop an academic Paediatric Infectious Diseases Unit with NIHR ACL, ACF and Academic Foundation Doctors, and provide academic leadership of the service. I promote good clinical practice through clinical excellence, research, evidence-based medicine, teaching, and audit. Since 2010, I have enrolled >2500 children to NIHR portfolio studies.

I am recognised as an international leader in paediatric infection, as evidenced by development of national and international policy, invitations to speak, and membership of scientific advisory committees and expert panels. Since 2012, I have been an Associate Editor for BMC Infectious Diseases and on editorial board of New Horizons in Translational Medicine.

I am a founding member of the largest childhood infection research consortium in Europe (2010), and have made a significant contribution as a partner to two funded EU projects (12M Euros: FP7-EUCLIDS and 18M Euros: H2020-PERFORM) led by Imperial. For both bids, I contributed to study design and securing funding.

As Director of the Research and Scholarship theme (2015-) for Years 2&3 of the undergraduate medical curriculum at the University of Liverpool (UoL), I have helped to restructure and embed research-led teaching in the curriculum.

Name: ANUPAM CHAKRAPANI

GMC/GDC Number: 4564438

Speciality: PAEDIATRICS

- 2012-17: Chair, British Inherited Metabolic Disease Group (BIMDG), the National Metabolic professional body. I have expanded the role of BIMDG as a consultative body on policy matters to RCPCH, NICE, UK Newborn Screening Program Centre (UKNSPC), Metabolic CRG. I have helped develop a number of national policies to ensure high quality, cost effective Metabolic services.
- 2012-17: I have provided national clinical leadership to the Expanded UK Newborn Screening Programme (ENBS); I oversaw national implementation in 2015, led the development of the clinical management guidelines and their online publication. Shortlisted for BMJ award 2016 in Preventative Medicine as lead clinician for ENBS program.
- 3. 2012-17: I am one of the founders and steering committee member of E-IMD, a European consortium for urea cycle defects (UCD) and organic acidurias (OA), expanded to 67 members including non-EU countries. I ensure the aims of the network to develop a registry and disseminate information, research & knowledge to improve patient care are met.
- 4. 2012-2017: I head an international group to develop & review European guidelines on diagnosis andmanagement of Propionic and Methylmalonic aciduria, published in Orphanet Journal of Rare Disease 2014, used in routine practice worldwide.

Bronze award holder from 2011-16, award withdrawn 2016

Name: LOUIS CHESLER

GMC/GDC Number: 7035630

Speciality: PAEDIATRICS

I am a paediatric oncology consultant and professor of cancer biology who leads a programme of clinical activity & research to transform NHS practice in 3 areas: Translational Medicine I design & implement clinical trials that incorporate precision medicines & advanced biomarker testing (ABPM) to improve survival. In 2017 I received >£3.5m to lead Stratified Medicine Paediatrics (SMPaed) to implement ABPM nationally for NHS. SMPaed establishes national tissue-banking standards & testing centres for precisionmed clinical trials. Through SMPaed RMH is the first trust to sequence all childhood cancers to guide precision treatment aligned to a national genomic tumour board that i lead. In 2016 I opened CCLG-METEOR the first national prospective genomics trial and I lead a NCRI ad-hoc working group to implement ABPM UK-wide. Research My research is internationally leading with >£10m to ID & target gene mutations in childhood cancer, with regular publications in cell & nature (IF>25). Clinical Trials My work identified mTOR & ALK as cancer targets led to 4 international first-in-child trials open at RM, US/EU-wide (Ceritinib 2014-18, Vistusertib 2017-, NANT-Lorlatinib 2017-& ITCC-CRISP 2017-). I am UK-CI of NANT-Lorlatinib, UK biomarker PI for CRISP & PI of SMPaed to provide ABPM testing nationally to clinical trials in 2017-.

Name: SIMON CLARK

GMC/GDC Number: 3565067

Speciality: PAEDIATRICS

I completed 6 years as the head of school for paediatrics in Yorkshire & Humber in June 2015. I expanded training, including new posts in many specialities, including community, intensive & palliative care. I ensured maximal recruitment of doctors every year to account for whole time attrition. I secured funding for 30 leadership secondments lasting 12 months. The GMC visit to the deanery picked out the school of paediatrics for good practice points.

I became the clinical lead of one of the largest neonatal units in the country in April 2015. I secured capital & revenue investment. This expanded cot numbers, reconfigured the unit to improve parent facilities & increased consultant numbers by 25%. I ensured the unit achieved a Good rating from our 2015 CQC visit.

As RCPCH officer for workforce I meet with HEE. I maintained training numbers nationally. I sit on the national maternity workforce steering group. I lead on the RCPCH census & rota vacancy survey, including press releases & interviews on national television.

I chair the faculty of advanced clinical practice in South Yorkshire since 2015, managing the training pipeline of advanced nurse practitioners & physician associates. I developed a successful business case, so Health Education Yorkshire & Humber will adopt our structures, turning it into a postgraduate school.

Name: HEATHER ELPHICK

GMC/GDC Number: 4012797

Speciality: PAEDIATRICS

Lead clinician for a supra-regional service for paediatric sleep conditions: service expanded 3-fold in the last 5 years; responsible for establishing a nurse-led behavioural clinic and specialist paediatric narcolepsy multi-disciplinary team serving the north of England using a shared-care model.

Co-founded national Children's Sleep Charity: secured funding from Big Lottery, Children in Need and Health Foundation to deliver, develop and evaluate sleep practitioner services; developed an accredited Sleep Practitioners course and a training package for schools. Sleep Service and Charity have featured on Channel 4, BBC Radio, the Guardian and BBC Panorama to raise the profile of paediatric sleep disorders nationally.

Expertise in technology in child health: lead clinical partner with 3 businesses funded by Small Business Research Initiative to develop innovative technology for self-care and monitoring in patients with chronic respiratory diseases; lead on respiratory theme for NIHR MIC; invited to speak nationally on Innovation in Paediatrics.

While working as an NHS Consultant: appointed Visiting Professor, awarded a total of £2.51 million of grant money, including two NIHR i4i grants as Chief Investigator [2012 and 2015]; 32 publications in peer reviewed journals in the last 5 years; supervised 11 post-graduate students.

Name: RICHARD ILES

GMC/GDC Number: 3077487

Speciality: PAEDIATRICS

I am a Respiratory Paediatrician, and Service Lead at the Evelina London Children's Hospital (ELCH). I moved in 2015 from Cambridge University Hospital Trust (CUH), where I led the regional Cystic Fibrosis and then a Severe and Difficult Asthma Services. I have used this experience to support the expansion of the Long Term Ventilation Service (LTV), the creation of a respiratory assessment lab, and an allergy/asthma clinic at ELCH.

As Clinician Lead for The National Paediatric Asthma Collaborative for NHS England, and advisor to Healthy London Partnership (HLP), I have achieved: A national E-learning package professionals for adult and paediatric asthma with Education for Health, this will enable any health care professional to update their CPD online and an organisation to audit their staffs performance; The HLP London Asthma Toolkit –an online repository of asthma information for parents and families, schools, GPs, secondary care and health commissioners on asthma. I have placed Paediatric Asthma as a transformation tool within the 32 London CCGs

I have created Child Death Review asthma proformas for NHS England and Healthy London Partnership

I developed Structured Light Plethysmography with Cambridge University, creating a spinout company, a CE marked, MHRA and FDA approved product. I have published 9 papers in 4 years.

Name: CAMILLA KINGDON

GMC/GDC Number: 3533789

Speciality: PAEDIATRICS

I am a consultant neonatologist with a national leadership role in medical education. My aim is to improve patient care through inspiring and developing the future children's workforce.

Since 2012:

- 1. I was appointed as Head of the London School of Paediatrics (largest School of Paediatrics in the UK) in 2014 in open competition. I oversee the training of >1000 Paediatric trainees and lead a team of 22 Programme Directors. The School has national impact through its sheer size and multiple innovative projects. I completed an MA in Managing Medical Careers in 2013 specifically to enhance my effectiveness in this role
- 2. I recognise the desperate shortage of doctors and nurses to care for children in the NHS. I won funding in 2016 to appoint a London School Fellow to specifically investigate models of healthcare delivery and workforce reconfiguration in neonatology, in order to learn lessons. This project will compile resources to share with trusts nationally
- 3. I identified the need to directly invest in team-working and morale within staff in the Evelina London Children's Hospital (ELCH). I led the development of the "Learning from Excellence" project designed to both highlight and learn from excellent practice
- 4. I set up the Neonatal Nutrition Group a multidisciplinary group working to improve nutrition/growth in neonates at ELCH

Name: SHAMEZ LADHANI

GMC/GDC Number: 4443454

Speciality: PAEDIATRICS

- At Public Health England, I am the clinical lead for 5 world-leading national immunisation programmes, with real time surveillance & consistently high vaccine coverage. I provide expert advice on vaccines, safety, surveillance, outbreak control & individual case management
- In 2016, I reported the world-first effectiveness results for the meningococcal B immunisation programme in the Lancet; more than a million children have now been vaccinated & cases have halved in the vaccine-eligible cohort
- I have a strong academic portfolio, with >150 peer-reviewed publications. In past 5 years, I had 94 publications (21 first author, 31 senior author), 38 in high-impact (>5) journals. My h index is 33, with 4018 citations. I am a (co-) applicant in competitive grant applications, with horizon-scanning projects for new vaccines & establishing national surveillance for emerging infections
- My teaching commitments focus on "training the trainer" to deliver local training to frontline colleagues & developing public health training for paediatric trainees
- I respond to significant international (MenW, Zika), national (HSV, congenital syphilis) and regional (parechovirus, meningococcal, pneumococcal) outbreaks & constantly adapt surveillance + design interventions to meet national needs and provide data to inform national policy

Name: MITHILESH LAL

GMC/GDC Number: 4469791

Speciality: PAEDIATRICS

Clinical Service: As a Full Time NHS Consultant, I provide Regional Neonatal Intensive Care Service, achieving high standards of care measured by key performance indicators set by the BAPM. This has led to our team being awarded "Best Neonatal Team" as well as "NHS Hero".

Training & Assessment: As the Principal Regional Examiner (Northern) till 2017, and currently as Vice-Chair of the Exam Board, RCPCH, I contribute towards Training and Assessment at Regional, National and International levels; developing and reviewing Exam Question Bank and setting question for each theory exam. I also lead RCPCH Examiner's Training and development of new Overseas MRCPCH Exam Centres.

Research: As the Principal Investigator/Co-Investigator, I contribute to Clinical Research at National and International Level, leading several large NIHR studies. I am also a Supervisor for postgraduate MD Research Fellowship programme.

<u>Education:</u> In addition to the peer-reviewed publications, I have written/edited TWO sections for "The Science of Paediatrics: MRCPCH Mastercourse", THREE chapters for "Clinical Cases for MRCPCH Foundation of Practice", and TWO chapters for "Clinical Cases for MRCPCH Applied Knowledge in Practice". Furthermore, I contribute to International Education programmes as the Organising Faculty of International Neonatal Conference

Name: RACHEL LENNON

GMC/GDC Number: 4096089

Speciality: PAEDIATRICS

I would like to highlight four key achievements:

The award of a Wellcome Trust Senior Research Fellowship in Clinical Science (2016-2021). This follows my Wellcome Trust Intermediate award (2010-2014) and will allow me to achieve my research goals of defining mechanisms of glomerular disease in order to identify new therapies to treat both children and adults with chronic kidney disease. Since 2010 I have been awarded £3.9 million in research funding (as principal and co-investigator).

Lead for Academic Clinical Fellows (2015-present). This senior leadership role takes responsibility for a cohort of 40 clinical academic trainees combining their clinical and research training in NIHR funded posts.

Election as Research Secretary for the British Association for Paediatric Nephrology (BAPN) (2016-present). In this national leadership role I am chair of the Paediatric Nephrology Clinical Studies Group, a College Specialty Advisory Committee representative and I represent paediatrics in the UK Kidney Research Consortium.

The creation of an acute kidney injury (AKI) clinic for children (2014-present). This initiative followed a clinical study of AKI that I led and published, which identified that >50% of critically ill children develop AKI and do not receive appropriate follow-up to prevent further kidney injury.

Name: STEPHEN MARKS

GMC/GDC Number: 4012773

Speciality: PAEDIATRICS

(a) Renal transplantation

- highly regarded paediatric nephrologist and transplant physician with exceptional experience and groundbreaking work in developing services to allow antibody removal that enables untransplantable children dependent on dialysis to have renal transplants; this has a huge impact on the lives of patients and families and is of great importance locally and nationally
- develop and write protocols and information sheets adopted nationally and by Trusts around UK
- lead and transform services, with ongoing clinical and translational research into areas such as transition
- regularly consulted by colleagues nationally and internationally due to reputation for first class care; invited to speak at international conferences
- (b) Editorials
- editorial board and associate editor of three international journals
- International Pediatric Transplantation Association Publications & Communications Chair (2011-2015) & Council (2017-)
- provide safe care to children as an expert paediatric adviser and contributor for the British National Formulary for Children
- (c) Committees
- develop quality audit and research as national chair of RCPCH guideline development phaeochromocytoma group & C3 glomerulopathy rare disease group (RaDaR)
- co-chair Mortality Review Group and lead Kidney Information Technology project

Name: FINBAR O'CALLAGHAN

GMC/GDC Number: 3442366

Speciality: PAEDIATRICS

As an internationally renowned child neurologist I have:

- Developed an internationally recognised clinic for patients with Tuberous Sclerosis Complex (TSC) at Great Ormond Street Hospital (2014-present) and in Bath (2005-present). I run the largest clinical service (>300 patients) for this disease in the UK and receive referrals from all over the UK and worldwide (eg Australia, US and Europe)
- Active clinical research portfolio: secured >£3.5 million funding and published >90 papers. Completed largest-ever worldwide treatment trial in infantile epilepsy and the largest study of childhood stroke in the UK.
- National / international leadership roles: President-elect of the British Paediatric Neurology Association (BPNA), Secretary of the European Paediatric Neurology Society, on Executive of the International Paediatric Stroke Study, and Assoc. Editor of the European Journal of Paediatric Neurology.
- International teaching roles in Paediatrics and Child Neurology. I run
 the BPNA Distance Learning Course (used in 60 countries, 1046
 students) that is currently being converted to an MSc at UCL. Codeveloped a Fellowship Training programme for trainee child
 neurologists in the UK and Europe. Directed the Paediatric and
 Epidemiology MB ChB courses in Bristol University. External examiner
 on the B Med Sci course Nottingham University

Name: SUSAN PROTHEROE

GMC/GDC Number: 3140846

Speciality: PAEDIATRICS

I am the senior Paediatric Gastroenterologist in one of the largest specialist units in the UK.

As departmental lead for 14 years, I successfully developed our department into one that sets national standards for delivery of care & I have gained national recognition for my expertise.

Recent Senior leadership roles.

1. Royal College of Paediatrics and Child Health (RCPCH)
Appointed UK Chair, College Specialty Advisory Committee (CSAC) 2013-17

I have championed quality assurance of training across the UK, developed national sub speciality appraisal for ARCP input & new training days. As RCPCH Invited External Reviewer I quality-inspecting tertiary children's hospitals 2015-6.

2. Acting Chair of Specialised Medicine Clinical Reference Group for NHS-England (member since 2013).

I have contributed to national policy & focused on transformational change by leading the 2017 work plan for Paediatric Specialised Medicine.

- 3. Executive role on Council of one of RCPCH's largest specialist interest groups, British Society of Paediatric Gastroenterology, Hepatology & Nutrition (BSPGHAN). Convener (2011-4) an influential voice for promoting children's interests
- 4. Lead of Midlands Operational Delivery Network Lead BSPGHAN/RCPCH Pathway for children with neurodisability Quality Standards Project Group 2017.

I held a Bronze award 2012-16.

Name: HELEN SPOUDEAS

GMC/GDC Number: 2716903

Speciality: PAEDIATRICS

Across 2 sites, I've expanded cancer aftercure services to encompass adult (>25y) transition (2015) & paediatric multidisciplinary care (2015) for childhood brain tumour (BT) survivors in a pioneering model adopted by NHS Improvement. I lead & personally deliver the first & largest European service (>1000 patients) launching its allied charity in 2016 to disseminate best practice.

BT survivors suffer unrecognised acquired neuroendocrine injury. Pump-priming staffing gaps (Macmillan 2016, CLIC 2014), creating national guidance (2015/6) & publishing 30y outcomes (2015) is changing treatment & services.

Collaborating internationally with neuroscience, unmet mental health & educational needs assessments have been embedded into service (2015) & international trials (2014). My invited input to national proton outcomes (2015) & GOSH adoption of my dataset (2016) informs future services. I lead the only virtual discussion forum for complex childhood pituitary tumours in Europe (2012-)

I aim to enhance quality of survival from BT through education & research. Since 2000 I remain the only endocrinologist contributing to BT trials & have, since 2012 from a pure clinical post, supervised 4 higher degrees (2 distinctions) trained 4 nurses, 1 psychologist & 22 UCL students & since 2014, chair 8 national NIHCE endocrine oncology guidelines.

Name: CAROL LINDA SULLIVAN

GMC/GDC Number: 3197628

Speciality: PAEDIATRICS

- Teaching. Passionate about teaching, I have shaped Wales neonatal education, my vision evolving into the Wales Neonatal Society. My teaching skills are recognised by the Higher Education Authority and the GMC survey ranks our unit training as secondly highest for neonatology in the UK. I oversee the Wales neonatal higher specialist trainees and drive wider UK training as a newborn resuscitation course director.
- Leadership. Applying my in-depth knowledge of Medical education to my role as Medical Women's Federation (MWF) chair, I developed a unique leadership module for women in Wales, with powerful workshops. An effective leader I support women doctors, promoting wellbeing and supporting careers; many say I am their role model, recognised by re-election by the MWF and nominated chair of the consent working group for the British Association of Perinatal Medicine (BAPM)
- Family centred care is a priority in our unit; several of my
 interventions have made a positive difference, resulting in a low rate of
 Term admissions which combined with championing transitional care,
 enable babies to stay with their mothers.
- Quality. I have made significant improvements to drug error near misses, and a recent collaboration by our unit in a QI initiative reducing antibiotic use, a real team effort, is shortlisted for the BMJ awards.

Name: POOTHIRIKOVIL VENUGOPALAN

GMC/GDC Number: 5089730

Speciality: PAEDIATRICS

- By sheer hard work and team effort, I set a gold standard for the NHS by establishing a secondary level paediatric cardiac unit in Brighton, upholding the NHS vision of high quality service near home. This streamlined the management of children with heart disease, augmented service provision & enhanced patient safety and quality of care.
- As Secretary and more recently Chair & Convenor of Pediatricians
 With Expertise in Cardiology Special Interest Group (PECSIG) &
 member, NHS Children's Congenital Cardiac Services Implementation
 Team I helped shape the national delivery of paediatric cardiology
 services
- I have made several contributions academically at the national level:
 As Chair, DCH question setting group, senior examiner for MRCPCH
 and DCH Examinations, and as Senior Exit Exam (START) assessor, I
 helped shape paediatric training in the UK and abroad. I am also co
 editor of an internationally acclaimed textbook and organised several
 national level paediatric echo workshops in Brighton
- My research and audit have helped put Brighton on the Paediatric Cardiology map of the UK. I have several international publications to my credit and am currently Co-investigator/Medical Monitor for NIHR Portfolio Studies. I am also a Reviewer for Archives of Diseases in Childhood and Co-editor and chapter contributor to text books

Name: ANDREW BARRETT

GMC/GDC Number: D 59626

Speciality: PATHOLOGY

I am a national expert in oral and maxillofacial pathology and am the sole consultant providing a regional specialist diagnostic service in this complex sub-specialty of histopathology.

National leadership: I am Chair of the Panel of Examiners for the Fellowship of the Royal College of Pathologists (FRCPath) in Oral & Maxillofacial Pathology (2015-19); a member of Council, British Society for Oral & Maxillofacial Pathology (BSOMP) (2015-19); a member of the working group revising the General Dental Council Curriculum for Specialist Training in Oral and Maxillofacial Pathology (from 2017); President-elect of the BSOMP, to serve as President from 2018-21.

Local leadership: I am Clinical Governance Lead (from 2016) and Laboratory Director (from 2017) in the Department of Histopathology of my Trust, and a member of the Trust's Clinical Governance Group (from 2016).

Research & scholarship: I am the author of over 100 publications in scientific journals, 19 since 2012; the Chief Investigator of four ethically-approved research projects (ongoing or completed since 2012) and a collaborator in three others; I sit on the editorial advisory boards of two journals, the *British Journal of Oral and Maxillofacial Surgery* and *Oral and Maxillofacial Surgery* and have refereed 90 papers for these and other specialist journals since 2012.

Name: TIMOTHY CHEVASSUT

GMC/GDC Number: 4032117

Speciality: PATHOLOGY

Leadership: I am BSMS Director of Academic Training responsible for the successful Integrated Academic Training Programme in Brighton. I founded and chair the Academic Steering Group and lead the partnership with BSUH and HEKSS. I have implemented an MRes degree course. I am Foundation Programme Director for BSUH working closely with STFS to manage 36 AFP trainees. I was responsible for 10% of BSMS graduates gaining AFP places in 2016.

Academic: I oversee a translational research programme (income of £500K/10 years) and established the Brighton Bone Marrow Tissue Bank. I am PI on 5 clinical trials in Leukaemia and UK Chief Investigator on the first anti-PDL1 trial in Myelodysplasia. I have 33 peer-reviewed publications over 5 years including 3 letters in the NEJM.

National: I am a key member of the NCRI Myelodysplasia Subgroup and wrote the Myelodysplasia chapter for Postgraduate Haematology. I have represented the RCPath on a NICE Appraisal Panel leading to funding of Lenalidomide for 5q- MDS Syndrome with enormous patient benefit.

Clinical: I am research and trial lead for a highly regarded clinical department (former "Team of the Year"). I produced a patient website (Brightblood.org.uk) which we have audited and published on. I helped launch BSUH Frontier Pathology and I am Brighton lead on 100K Genome Project with Wessex.

Name: NIGEL CUNLIFFE

GMC/GDC Number: 3277373

Speciality: PATHOLOGY

- As clinical lead for virology, I have transformed the diagnostic testing service at Alder Hey Children's Hospital. This included a comprehensive update of diagnostic algorithms for disease syndromes (e.g. hepatitis, gastroenteritis) together with establishment of rapid, on-site PCR testing since 2010 (for respiratory and central nervous system infection).
- 2. As Principle Investigator I led the first clinical trial of rotavirus vaccine undertaken in Africa (New England Journal of Medicine, 2010). This led to a global vaccine recommendation from WHO. I demonstrated that following national introductions of rotavirus vaccine, diarrhoea deaths in Malawi reduced by a third and the UK burden of rotavirus gastroenteritis has been decimated.
- 3. As Founding Co-Director, since 2015 I have led the University of Liverpool Centre for Global Vaccine Research (CGVR). The CGVR is supported by > £10million external funding and seeks to reduce leading vaccine-preventable causes of morbidity and mortality.
- 4. I lead the Department of Clinical Infection at the University of Liverpool. Under my direction, since 2010 the Department has tripled in size and now has 140 staff and students. It is internationally leading, and hosts the national NIHR funded Health Protection Research Unit in Emerging Infections & Zoonoses.

Name: SUHA DEEN

GMC/GDC Number: 4001555

Speciality: PATHOLOGY

I am committed to improving women's health, nationally and internationally. To this end I deliver a high quality, timely local and regional gynaepathological service, have improved cervical cancer care by improving diagnostic tools. I provide national guidance on treatment of vulval diseases and helped found (and now chair) the Women's Health Foundation that runs a regional awareness programme about obesity and gynaecological cancer

I am lead for the largest cohort of ovarian cancer cases in the UK. This has supported significant national and international collaborations. I am Principal Investigator in research into chemokines expression in ovarian cancer using Artificial Neural Network based modelling to identify pathway components and interactions. Awarded a Visiting Professorship largely based on this work

Following my appointment as the Professionalism Lead for the RCPath, I led an invited review of the pathology service of a major UK partnership lab and submitted a comprehensive report and Action Plan. Act as advisor to Herts CCGs

As East Midlands deputy TPD and Notts Histopath Educational Lead, I developed an action plan to address issues raised in the 2014 GMC survey which led to significant improvement in the 2015 survey. I designed a structured training programme for ST1 trainees, adopted nationally by the RCPath

Name: GAIL JONES

GMC/GDC Number: 4095174

Speciality: PATHOLOGY

- 1. Head of Department (April 2013-present): co-ordinated quality management for bone marrow transplant (BMT) programme and facilitated our first successful JACIE inspection, fundamental to ongoing commissioning of BMT service; reconfigured junior doctors working patterns across haematology and oncology to spread workload, improve continuity of care and maximise trainee exposure to subspecialities. Successful business case for 4 new consultant posts, 1 general haematology, 1 BMT and 2 joint posts with university and transfusion service
- 2. Chair British Society for Haematology (BSH) haemato-oncology guidelines group. Appointed to group 2010, elected to chair 2014. Produced 4 guidelines personally and managed production of a further 15 since becoming chair. I have implemented new procedures to improve review process for published BSH guidelines
- 3. Local PI for well recruiting international trials and authored trial outcomes on prophylactic platelet use post-chemotherapy (NEJM), a non-chemotherapy approach for APL management (Lancet Oncol) and chemotherapy for older patients with Hodgkin lymphoma (Blood)
- 4. CI for published regional study of AML outcomes (n=416) over a 5 year period: defined incidence, demonstrated 100% survival in young APL cohort and highlighted the importance of population-based studies in this disease

Name: GAIL MIFLIN

GMC/GDC Number: 3555785

Speciality: PATHOLOGY

As a Medical and Research Director of a UK Blood Service I agree all policy decisions for Blood and Tissues UK wide. I am responsible for Blood Safety across NHSBT and am a member of the Department of Health Advisory Group on the Safety of Blood Tissues and Organs (SaBTO). I led the implementation of policy decisions regarding travellers from Zika endemic areas, receiving thanks from Department of Health (2014/5) and co-led the collection of convalescent plasma from UK Ebola survivors

I sit on the Board of NHSBT and am responsible for clinical governance across the organisation. I oversee all serious incident investigations in NHSBT (5/year) and ensure that all result in improvements to processes

I manage a team of 500 people and a budget of £20M. I represent NHSBT in print and social media and television. I develop and lead individuals and teams to do better through mentoring and development programmes. In my previous role, prior to Medical Director, I received six letters of commendation from Chief Executives (2012-16)

In 2012-16 I co-led the operational delivery of Blood Donation research, sitting on the Steering Group of the NIHR Blood and Transplant Research Unit which delivered two major research trials of >68,000 donors. I applied for a Health Service Journal Award in clinical research impact and NHSBT was a finalist

Name: EMAD RAKHA

GMC/GDC Number: 6097462

Speciality: PATHOLOGY

- -I deliver an internationally recognised high quality timely specialist breast pathology service. I act as the lead member of a team providing national and international guidance on aspects of breast pathology best practice, attracting consultants and trainees from other units for periods of secondment. I support national and international colleagues through my consultation referral practice (>250 cases/year)
- -I am actively involved in improving breast pathology quality in the UK through my membership of the National Coordinating Committee for Breast Pathology, contributions to UK national and international (WHO) standards, lead author of UK HER2 testing guidelines and co-organiser of the UK Breast EQA Scheme
- -I actively teach students, trainees and consultants on aspects of breast pathology. I have established and I organise the Nottingham International Breast Pathology Masterclass as well as being regularly invited to speak and chair sessions at other national and international courses and scientific meetings.
- -I maintain an active research program in breast cancer molecular pathology (>40 publications/year). I am an active member of national organisations supporting research including the Pathological Society, Breast Cancer Campaign Scientific Advisory Board, and NCRI CSG, Editor and Guest Editor of peer-reviewed journals.

Name: DAVID RUBINSZTEIN

GMC/GDC Number: 3627246

Speciality: PATHOLOGY

In 2012 I received a Silver Award - not renewed in 2016.

THERAPEUTIC TARGETS/TRANSLATIONAL RESEARCH: I am a genetic pathologist (who makes diagnoses based on DNA) and do not have direct patient contact.

My major contribution is in translational research revealing novel therapeutic strategies for Huntington's disease and related conditions. Major publications including *Nature* (In press), *Cell* (2012,2013,2015), *Mol Cell* (2012,2015), *Nature Chem Bio*l (2015), and *Nature Commun* (2012,2014x2,2015,2016x3).

h index (citations, Google Scholar)=104. Thomson Reuters' Highly Cited Researcher (2014,2015). 2015: 4th highest cited cell biologist in Europe/Israel for publications 2007-2013 (not in 2012 award)

VALIDATED/CHARACTERISED A GENETIC RISK FACTOR for dementia (*Brain* (2017). This assists genetic risk prediction for dementia and has potential to improve diagnostics.

ACADEMIC LEAD FOR DRUG DISCOVERY INSTITUTE: Theme lead for Addenbrooke's Hospital NIHR Biomedical Research Unit in Dementia. Academic Lead of Alzheimer's Research UK Alzheimer's Research UK Cambridge Drug Discovery Institute, an £8.8 million grant (2015-). Only lead in Cambridge. Three Institutes in UK. 5 h unpaid/week

EXPERT OPINION: On editorial boards - 6 journals; Associate editor - one journal. Co-Chair Wellcome Trust Expert Review Group (2011-13)

Name: ANNETTE SCHUH

GMC/GDC Number: 4267944

Speciality: PATHOLOGY

- Network MDT chair for chronic lymphoid leukaemias (CLL). Implemented treatment protocols/guidelines for 6 trusts. Developed successful CLL early/late phase trial infrastructure and portfolio. 92% of my patients enter clinical trials. Awarded Lead NIHR Principal investigator in 2016 for consistent top recruitment. Chief investigator of academic NCRN multi-centre studies (published).
- 2. Elected chair of the UKCLL Forum (2016-present). Lead re-write of BCSH guidelines; represent UK academia internationally and at European Medical Agency; organise national educational meetings
- 3. Programme Director for Oxford Genomic Medicine Centre (GMC) with direct responsibility to the NHS England Chief Scientific Officer: oversee transformation of affordable and equitable diagnostic pathways for rare disease and cancer for the 100,000 Genome Project; lead cancer recruiter nationally; developed protocols for implementation of high throughput sequencing (HTS) for 13 GMCs nationally prepared case for commissioning of HTS to NHSE Board; member of the GEL SAC. Led reconfiguration of Oxford genetics labs into an internationally recognised MolDiag Centre to develop, evaluate and implement precision diagnostics for the NHS.
- 4. 86 high impact papers in 2012-16, senior author in Nat Med, Lancet Onc, PlosMed, Blood, BMJ. h-index=21

Name: TIM SOMERVAILLE

GMC/GDC Number: 4020819

Speciality: PATHOLOGY

(2.5PA)

Clinical: I established the largest regional clinic for patients with the blood cancer myelofibrosis & a regional forum for patient support, with excellent feedback on quality of care. I led nationally on introduction of ruxolitinib, a practice-changing treatment that improves quality of life & prolongs survival.

Clinical trials: I have developed the largest portfolio of clinical trials in myelofibrosis in the North West as Principal Investigator &, through winning a €1.5 million EU grant, have funded a pan-European clinical trial in acute myeloid leukaemia, which I led as Chief Investigator.

(7.5PA)

Research: I lead a world-class programme of translational research in myeloid leukaemia funded by a highly prestigious Cancer Research UK programme grant & funding from other UK charities (total >£5 million current or past funding to me as lead investigator; >£1.5 million as co-investigator). The funds have facilitated my many ground breaking discoveries in myeloid cancer research leading to new treatment options for patients. I was International Researcher of the Year at The Christie, 2013.

Education: I have an exceptional record in developing and providing research training for clinical fellows & students, with past trainees winning multiple research prizes or highly prestigious research funding of their own.

Name: KHIN THWAY

GMC/GDC Number: 4729338

Speciality: PATHOLOGY

As a national & international authority on pathology of soft tissue sarcoma, I provide & develop a diagnostic service for one of the world's largest Units with >2300 cases pa. With 1 colleague we are one of the most prolific such teams

Over & above my job plan, I am very active in clinicopathologic & molecular research including discovery of new tumours. In the last 5 years I published 117 peer-reviewed papers, 16 chapters & 1 book. In all, I am author on 209 scientific articles (166 on Pubmed, 40 chapters) & coauthor of 2 widely used textbooks (1 in 2nd ed). I serve on 10 editorial boards & review for >60 journals. I am pathologist for many clinical trials & several research teams

My international status is recognised by the award of the prestigious 2017 Arthur Purdy Stout Society Prize. Few if any outside the USA have received this, awarded for significant career achievements by a young person whose clinical/basic research publications have had major impact on diagnostic pathology

In the last year I have 5 international lecture invitations. As specialty Educational Lead I devised a Structured Training Program for which RMH is a highly sought site. I codeveloped the RMH/ICR Molecular Pathology Starter Program, the first such for UK trainees. I also provide a 2x yearly regional soft tissue course that has excellent feedback

Name: MICHAEL CRAIG

GMC/GDC Number: 4338909

Speciality: PSYCHIATRY

My achievements can be summarised within the context of King's Health Partners' 'tripartite mission' to create an environment where world-class a) research, b) education and c) clinical practice are brought together for the benefit of NHS patients.

- **1. Research:** Awarded over £2m as lead investigator (PI) / co-PI on several prestigious MRC(UK) and EU funded studies into conduct syndromes, autism and puerperal psychosis. The aim of these studies is to translate basic scientific research back into clinical practice.
- **2. Education:** Developed and Programme Director for a new MSc in 'Clinical Neurodevelopmental Sciences' (CNS) at Kings College London (15 students 2014-2015; 35 students 2015-2016).
- 3. Clinical Practice: As Clinical Lead of the National Autism Unit (NAU) I have led our service from being under threat of closure (due to low bed occupancy) to one which has a healthy waiting list. Further, requests for a total refurbishment adapted to the sensory needs of people with autism spectrum disorders, have been agreed by the Trust. The turnaround involved me leading meetings, training sessions, and audits to consolidate and develop our clinical practice. In addition, I personally met and developed better working relationships with local commissioners. This facilitated a better understanding of the complexity of our patient group.

Name: MICHAEL HOLLAND

GMC/GDC Number: 4096340

Speciality: PSYCHIATRY

- Working with CCIOs in GSTT, KCH and Primary Care leads in Southwark and Lambeth developed and delivered the Local Care record to allow patient records to be accessible across primary and secondary care. Won E-Health awards for integrated care 2016
- 2. Project Lead for Violence Reduction project across SLaM and Devon Partnership Trust with evaluation led by KCL. 1 year into project, reductions seen in restrictive interventions across participating wards in SLaM with associated reductions in violence in wards that have completed the process. Devon has reported reductions in violence in participating wards with associated improvements in patient and staff reports of safety.
- 3. With QI leads in Scotland and England set up Global collaborative for quality improvement in mental health. Have held two 1 day conferences with participants from 28 countries sharing learning in quality improvement. Set up regular collaborative teleconferences for global community to tackle areas requiring improvement e.g. violence, suicide. Worked with NHS South to improve safety across 14 mental Health Trusts reducing absconds, suicide and mortality.
- 4. Set up local conference for clinicians working across two acute Trusts and mental health trust to improve patient safety and quality of care. Hold quarterly seminars for all clinicians across the 3 organisations.

Name: SRIDEVI KALIDINDI

GMC/GDC Number: 4320502

Speciality: PSYCHIATRY

- 1. National leader, RCPsych, and policy making at NHSE:
- Participated in HM Treasury review of value of rehabilitation services
- National Advisor to Department of Health (DH) and Health Secretary on Specialised Services commissioning; and NHSE on major national policy
- National clinical lead for Supporting Housing (SH) with DH Director, for mental health (MH)
- Impacts ~60,000 most vulnerable people and whole MH system

2. College:

- Rehab & Social Psychiatry Faculty Chair, lead strategy and work; advocate for patients, transforming lives. ~10% secondary care patients use ~ 25% of total annual health and social care MH budget
- Authored, 'Enabling Recovery'.BMA Book Awards:Highly Commended
- Developed national RCPsych Rehab service standards. Used by 2/3 of inpatient Rehab units in England to date
- Specialised MH services commissioning guides coproduction; Co-Chair for Joint Commissioning Panel for MH
- 3. Trust Clinical Lead, SEL STP
- of 3 STPs nationally,rated as 'outstanding' for MH by NHSE
- Perinatal service bid:awarded ~£3.7 million over 3 years. Impact: ~ 1.2 million, ~1500 women, babies and families
- 4. Clinical & training
- Lead Rehab & Recovery Team, personalised care-complex MH.£500K
 placement budget efficiencies 2015-16; replicated yearly, improving outcomes
- Trainer and Mentor-local, national, international

Name: DAVID LINDEN

GMC/GDC Number: 6113503

Speciality: PSYCHIATRY

I contribute to the improvement of patient care through leadership of international clinical research programmes, clinical teaching and training, leadership of professional activities at national level and direct delivery, development and management of clinical services in psychiatry and neuropsychiatry. I have

- 1. developed an academic neuropsychiatry service (2007-) and championed the development of national services for patients with functional neurological disorders through my work as Faculty Lead for Neuropsychiatry (2014-).
- managed the Cardiff University Psychiatric Service (CUPS) as Lead for QC and Audit (2014-) and set up specialist clinics for psychiatric genetic syndromes.
- 3. led the development of the clinical research programme of a new £42M imaging centre as Clinical Research Director at the Cardiff University Brain Research Imaging Centre (CUBRIC), providing facilities for translational and experimental medicine research hitherto not available in Wales.
- 4. been appointed as Director for Research at the Division of Psychological Medicine and Clinical Neurosciences in 2015 in recognition of my success in grant capture and management of clinical research. I am responsible for research activities in psychiatric genetics, epidemiology, neuroscience and neurodegenerative disorders with a grant volume of £40M.

Name: ANDREW THOMPSON

GMC/GDC Number: 4319896

Speciality: PSYCHIATRY

I have authored a book on the medical treatment of early psychosis, written 2 Royal College of Psychiatrists online CPD modules and am a senior editor on the International Early Intervention Clinical Guideline. These materials set the current gold standard for this area of practice in the UK and internationally. I continue to develop first episode psychosis services at a trust, regional and national level including improving speed of access, physical health care and optimal treatment of at risk patients.

Since 2012 I have published 101 Publications (44 in international peer-reviewed journals) on clinically related mental health research with specific focus on early psychosis and youth mental health and received new grant funding totalling around £2,500,000 from the MRC, MQ and the NIHR.

My research outputs has been influential nationally and internationally on practice and received considerable media attention for example, my work on sleep problems and psychotic symptoms has been featured in Time Magazine. I have been asked to write editorials for renowned journals including the British Journal of Psychiatry.

As Trust Associate Medical Director I have implemented a new quality assurance system for medical appraisals within the trust and an appraiser training network to improve the appraisal and revalidation process.

Name: JAMES WALTERS

GMC/GDC Number: 4364951

Speciality: PSYCHIATRY

I lead NHS and clinical research teams aiming to provide the best care possible to those with psychosis.

- Delivering patient-centred services: I developed the first and most comprehensive specialist psychosis service in the Welsh NHS together with my colleagues. Through collaboration we have established a national early intervention programme, prioritised physical health, received substantial new government funding and developed a national database to promote service improvement.
- 2. **Promoting the importance of psychiatry:** I am Deputy Director of Wales first Biomedical Research Centre (National Centre for Mental Health) helping it engage and educate the public about mental health. I set up and chair the Cardiff Winter School in Psychiatry, delivered to over 500 medical students (70% considering career in psychiatry).
- 3. **Leading Impactful Research:** Since 2012 I have published 68 papers, received £21million grant income, supervised 12 postgraduate research students and received international research awards. I lead the CLOZUK project, identifying clinically relevant genetic risk factors in the world's largest sample of those with schizophrenia.
- 4. **Delivering excellence in teaching:** I am university lead for undergraduate psychiatry delivering a highly rated new curriculum (92-98% satisfaction), recognised with national awards.

Name: ELIZABETH KAY

GMC/GDC Number: D 56487

Speciality: PUBLIC HEALTH DENTISTRY

Since my last award key achievements:

EDUCATION Developed (2013) and am programme lead of innovative, blended learning, MBA in Healthcare - first of its kind in the UK (first cohort 2015, 22 currently enrolled). Also published 750,000 word dental text book(2016). Awarded an MBE for services to Dental Education (2016)

MANAGEMENT Promoted to Faculty management position as Faculty Associate Dean (2104 to date). Non Executive Director of Plymouth Hospitals NHS Trust (2016- date)Chair of joint Plymouth Hospitals Trust and University Research Committee and Academic Health Science Network Board member.

CLINICAL I provide dental care to the most vulnerable and disenfranchised people in Plymouth and in 2015 set up collaborative working with the Family Nurse Partnership, a new referral system. This clinical service, which I personally provide, has been shown to be highly valued by the clients in repeated audits.

DENTAL PUBLIC HEALTH Appointed Topic Expert in Oral Health to two NICE Public Health Advisory Boards(2014). I also led a team which undertook an evidence review for NICE for a third PH Committee. Three national guidelines were produced as a result of this work (PH55, NG30, NG48). In 2016 appointed to the NICE Quality Standards Committee for Oral Health in Care Homes and hospitals (QS10025). Publication June 2017.

Name: ANDREW HAYWARD

GMC/GDC Number: 3468579

Speciality: PUBLIC HEALTH MEDICINE

- 1) Research that makes an impact: e.g. leading to commissioning of: pan London influenza, pneumonia and hepatitis B vaccination of homeless people (2015); screening for latent tuberculosis infection and blood borne viruses in homeless people (2016); and Video Observed Therapy helping TB patients adhere to treatment using a smart phone app (2017).
- **2) Leading research to improve population health**: e.g. in the last 5 years my grant funding as chief investigator has averaged at around £1Million per annum. Most recently (2017) I was awarded £2 million from ESRC for a grant entitled Preserving Antibiotics through Safe Stewardship.
- **3) Outstanding record of developing public health academics**: e.g. in the last 18 months I supported 3 of my clinical public health trainees to obtain highly competitive post doctoral training awards from Wellcome and NIHR and one non clinical public health trainee to obtain a doctoral training award from NIHR.
- **4) Academic leadership**: e.g. My leadership skills have been recognized through: appointment as deputy director of the UCL Institute of Health Informatics (2016 –where the above work was conducted); appointment as interim director of UCL Institute of Epidemiology and Health Care of the largest and most successful groupings of population health researchers worldwide (2017).

Name: RICHARD PEBODY

GMC/GDC Number: 3555345

Speciality: PUBLIC HEALTH MEDICINE

I am the PHE national lead for surveillance of influenza and other acute respiratory viral infections. I have:

Led public health improvements and defined best practice for seasonal and pandemic influenza including emerging respiratory threats such as MERS-CoV and Enterovirus-68. My work has informed national [UK-government] and international [WHO and ECDC] guidance on the surveillance and public health response to acute respiratory infections.

Led the development of an enhanced respiratory surveillance programme I have led a partnership with a range of stakeholders to evaluate the performance of the new UK childhood flu vaccine programme using a newly licensed intranasally administered vaccine, including the establishment of systems to monitor the effectiveness of the UK influenza vaccine programme each season. This has informed national [DH and JCVI] and international policy.

Shown national and international leadership - I have contributed to several national and international advisory committees mainly related to flu, including for ECDC and WHO.

Developed an active applied research programme - In the last 5 years, I have had in excess of 100 peer review publications, with several research programme grants funded by NIHR and appointed an Honorary Professor at UCL. I supervised a number of PhD and field epidemiology fellows

Name: NICHOLAS CARROLL

GMC/GDC Number: 3331176

Speciality: RADIOLOGY

I previously held a Bronze award from 2012-2017

Since receiving this award:

I have continued to lead the largest, diagnostic and therapeutic endoscopic ultrasound (EUS)service in the Eastern region; my case numbers rising from 400 at the time of my last award to over 800 p.a.

In the 2016 British Society of Gastroenterology audit of EUS services I am ranked in the top three for individual provision of EUS nationally. I run a super-specialised endoscopic ultrasound service receiving regional and national referrals for patients requiring diagnosis and treatment of complex pancreatic conditions.

Since 2015 I have set up and run the first and only 'Train the Trainers' course for EUS in the U.K., This course has been adopted and approved by the Joint Advisory Group, (JAG), the national body for maintenance of endoscopy standards and is now considered compulsory for those wishing to train in EUS for JAG accreditation.

I am lead radiologist and endoscopist for national and international trials in the molecular characterisation and treatment of pancreatic and upper GI cancer. My use of EUS guided biopsy in these trials is vital and the only method for provision of tissue for molecular and genetic studies.

Name: FAHMID CHOWDHURY

GMC/GDC Number: 4291705

Speciality: RADIOLOGY

Clinical service: High-volume NHS service in Nuclear Medicine (NM). Externally audited practice with above average workload, reporting >32,000 specialised examinations (2012-6). Multiple quality improvement exercises undertaken, with national dissemination of good practice.

Service development: Clinical Lead of one of the UK's busiest NM departments (2012-), which performs >19,000 examinations a year; led major equipment upgrades (commissioning of hybrid imaging scanners) and developed new services (brain PET imaging in dementia), bringing state-of-the-art techniques to patients in Yorkshire. Winners of the 'Across the Pennines' Dementia Quality Improvement Awards 2016.

Research: Authored >30 peer-reviewed publications and >35 published abstracts in the last 5-years, collaborating with multiple clinical groups. Invited speaker delivering >30 lectures in the last 5-years. Co-organised successful national meetings, e.g. Leeds Dementia Conference (2017). Editorial Board, Clinical Radiology (2012-), reviewing and editing over 80 manuscripts for the UK's leading radiology journal.

Teaching: Undergraduate Lead, Royal College of Radiologists (2014-7); coauthor of the RCR Undergraduate Curriculum 2nd Edition (2017). Led sustainable developments in radiology teaching locally, including the Leeds 'Radiology Breakfast Club' (2012-).

Name: STEPHEN CONNOR

GMC/GDC Number: 3565469

Speciality: RADIOLOGY

- 1) Authored 117 peer reviewed articles including 56 as first author. Chief investigator for a prospective funded study and obtained two research grants in the past 3 years as lead applicant. I have written four book chapters, have been associate editor for three clinical journals and currently a guest editor for a special edition.
- 2) Past President of the British Society of Head and Neck Imaging (BSHNI) and led the head and neck imaging group for the Royal College of Radiologists. Helped develop national head and neck imaging guidelines and training curricula. Represented radiology on the national head and neck cancer audit steering group and on the national clinical intelligence network. Currently a co-opted member for a NICE guideline committee.
- 3) Busy national and international invited lecture commitment. Organised six national meetings with excellent feedback. Member of scientific committee for three international meetings. Developed a national petrous temporal bone imaging course with 7 years excellent feedback.
- 4) A 14 year formal involvement with post graduate education. Lecture on MSc courses and regional training schemes. Provide subspecialty training for trainees and consultants from other centres including a European fellowship programme. Member of the Royal College professional learning and development committee.

Name: SAMANJIT HARE

GMC/GDC Number: 6030232

Speciality: RADIOLOGY

Clinical lead of RFL NHS Trust ambulatory lung biopsy (ALB) unit: pioneered ALB in the NHS (2012) & developed the UK's premier lung biopsy unit (98% diagnostic rate). Use of ALB has: increased lung biopsy capacity 1200%; delivered faster lung cancer diagnosis with better patient experience; & completely eliminated the need for elective beds. Winner of multiple national awards (2016): HSJ Acute Sector Innovation; BMJ Cancer Care Team; NHS Innovation Cancer Challenge; BIR/Bayer 'Make it Better'. I was awarded National Cancer Diagnostic Capacity Funding to lead wider NHS implementation of 'Lung Pathway Redesign'.

Radiology service delivery innovation: created an extended, on-site 7-day consultant-delivered 'hot' reporting service (98% acute imaging reported <1hr) & one-stop 'walk-in' CT slots for lung cancer 2-week wait patients (delivering 71% reduction in time to interventional diagnostic test).

National cancer policy: provide radiology leadership to streamline diagnostic cancer pathways; co-author of 2017 'Transforming the Cycle in Cancer Care' parliamentary report; invited speaker at >30 national/international conferences (including 2016 All-Party Parliamentary Britain Against Cancer).

Leadership in teaching/training: Founded a national lung cancer training course (Nov 2016) which has led to wider adoption of ALB in the NHS.

Name: MOH'D ABU HILAL

GMC/GDC Number: 6045564

Speciality: SURGERY

- I lead of one of the leading laparoscopic HPB units. I developed and published number lap surgical techniques. I trained more than 14 national and international fellows and I mentored colleagues in a more than 30 hospitals worldwide. I recently, chaired the 1st Guideline meeting on Laparoscopic Liver surgery (LLS). This was under the umbrella of AUGIS.
- I am an executive council member of the European Hepatobilary Pancreatic Association (EAHPBA) and a member of the EHPBA education committee. I am a founder and council member of the Society of the International Pancreatic Surgical endoscopy, council member of the international association of Lap Liver Surgery and founder of the European Registry of lap liver surgery
- I developed and published he first UK protocol for Enhanced Recovery after Whipple's and after left pancreatectomy world. I was the local PI for the PET Panc trial, I am the PI for the ORANGE II + trial and the CI of a new CR Uk funded international RCT (Orange Segments).

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 I have been and invited expert panel in; the Consensus meeting on LLS in Japan 2014, in the international consensus on Lap pancreatic surgery 2016, in the 1st Euro consensus on Laparoscopic pancreatic surgery 2016 and in the first Asian Pacific consensus meeting on Laparoscopic pancreatic surgery, India 2016.

Name: ENOCH AKOWUAH

GMC/GDC Number: 4399885

Speciality: SURGERY

RESEARCH: Awarded £1.9 Million grant funding by the NIHR for 2 trials including the worlds largest ever RCT of minimally invasive cardiac surgery. Supervised MSc degree for an ACF. Appointed Honorary Senior Lecturer Durham University. Awarded MD and published over 30 peer reviewed articles

CLINICAL: Deliver 200 cardiac surgery cases per annum, against a national benchmark of 140, with low mortality (in the top 5% nationally) and morbidity (bleeding rate 1% versus unit mean of 4%). One of a handful UK surgeons performing minimally invasive surgery for coronary artery, aortic and mitral valve disease.

TEACHING: Developed The Mini AVR course to teach consultants minimally invasive AVR. Consultants from 10 hospitals trained to date and performing mini AVR. Course director (2014/15) for the innovative ST6 course, delivered with live pig models to teach complex cardiac procedures. Organised SCTS University, a postgraduate multi professional education day for 700 delegates in 2015,16 &17.

MANAGEMENT: Clinical Director delivering a new thoracic surgical service to North Yorkshire, a doubling of thoracic cases (350 to 700/yr), a new day of Surgery admissions for 400 patients/Yr and robotics surgery. Meeting Secretary for the Society for Cardiothoracic Surgery for GB&I delivering successful AGM for around 1000 delegates/Yr 2015,16 & 17

Name: SIMON BACH

GMC/GDC Number: 3676556

Speciality: SURGERY

- Chief investigator for the CRUK's TREC (national) and STAR-TREC (international) studies evaluating rectal sparing treatment for early tumours. I am a member of the CRUK/ MRC S-CORT stratified medicine consortium.
- 2. I am RCS lead for colorectal surgery and have developed a national framework that partners patients with the RCS, ACPGBI and stakeholder charities to promote surgical research. We published results of research prioritisation and extensive PPI (>400 individuals at ExCel Arena London) and I have hosted over 20 trials development workshops at RCS, to date producing three major HTA studies; Prepare ABC (prehabillitaion), CIPER (parastomal hernia) an LEGO (resolution of postoperative ileus).
- 3. I work closely with the trainee collaboratives to develop and promote projects e.g. national audit of small bowel obstruction (NASBO) and also with medical student collaboratives i.e. STAR-SURG (http://starsurg.org) and EUROSURG (http://eurosurg.org). I have produced an innovative training programme (MRC /BDRF) to teach students the skills to recruit patients to studies of complex interventions (GRANULE).
- 4. I lead Birmingham's **D3B early phase trials unit**, responsible for 40+ staff. I am a deputy director of **Birmingham's Cancer Research UK Clinical Trials Unit**. I chair the **National Cancer Research Institute Colorectal Surgery subgroup**.

Name: PETER BUTLER

GMC/GDC Number: 4265818

Speciality: SURGERY

- 1) After my appointment as the third plastic surgeon in the unit at the Royal Free my ambition was to create one of the largest plastic surgery units in London/U.K.. I wanted it to be known for specialist surgery, research and training excellence. When I became lead clinician I built the unit up to 7 consultants and also negotiated the merger of the Mount Vernon unit with Mr Adrian Grobbelaar. We now have a unit with 17 consultants servicing a very large network providing local and specialist reconstructive surgery services.
- 2) I created a team to carry out facial transplantation. This team involved surgeons, psychologists, immunologists and ethicists. It was a lengthy ethical process with a large amount of public and media engagement . I succeeded in changing the perception of facial transplant as a real clinical need. I set up a charity 'The Face Trust' to fund it. We failed to delver facial transplant in the UK but contributed to it being performed worldwide. The work I did with UK Transplant and the HTA laid the foundation for hand transplantation in the UK.
- 3) My vision is to create a Centre of Reconstructive Surgery.. I have also successfully obtained an endowment of £3 million to build the first part of the Centre from the Charles Wolfson Foundation. Design work has started and building work is due to commence.

Name: STUART CLARK

GMC/GDC Number: 4091204/D 60052

Speciality: SURGERY

I was elected to Council of the Royal College of Surgeons of Edinburgh (RCSEd)2016, having been appointed to Examination (2015) & Regional Surgical Advisor (2014) Committees, Chair of the Oral & Maxillofacial Surgery (OMFS) Specialist Advisory Board (2014) & Clinical Lead of the International Medical Graduates Surgical Scheme (2016). In these posts I have facilitated, hosted, supervised meetings & examinations nationally & internationally for under & postgraduates.

I was Training Programme Director & Chair of the Specialist Training Committee in OMFS for the North-West Deanery 2010-15. I developed the Programme to ensure it met the curriculum & training needs of trainees. I initiated a teaching programme.

I am lead for OMFS trauma in CMFT. I introduced trauma operating lists (2014) supervised & organised by me improved patient experience, bed stay & training. A national audit in 2016 indicated an average treatment time for some injuries was achieved in 71%. CMFT achieved the target in 40% in 2012 and in this audit in which CMFT took part the target was achieved in 81%.

In 2013 I accepted co responsibility for the technical skills component of National Selection to specialist training in OMFS. I have co-developed testing technical skills resulting in this component being the key discriminator in the appointment to OMFS training.

Name: ASHU GANDHI

GMC/GDC Number: 3351125

Speciality: SURGERY

2012-16 Secretary, British Association of Endocrine & Thyroid Surgeons (BAETS). Responsibilities included administration of Association, organization of UK/international scientific meetings (Berlin, Rome), professional guidance to membership, improving HQIP Consultant Outcome Publication, partnership with patient groups. Co-authored UK national multidisciplinary guidelines; Management of Thyroid Cancer

Chair, Clinical & Professional Standards Committee, Association of Breast Surgery (ABS) promoting national standards in UK breast surgery. Lead, NHS Breast Screening Program (NHSBSP) National Audit with responsibility for producing annual UK Breast Screening report. On Steering Group for NABCOP, a collaborative national audit (RCS, HQIP), aimed at improving breast cancer care in older (>70y) patients

Lead author of CQC documents adopted as national quality standards for breast surgery & thyroid surgery. On NHS Breast Screening Program working group on Duty of Candour:National Guidance for all Breast Units

Since 2010: introduced daycase/short stay breast surgery & Enhanced Recovery Protocols into one of UKs busiest breast units producing significant cost savings alongside high levels of patient satisfaction. Lead for Endocrine Surgery service which is patient focused with excellent clinical outcomes reported on national datasets

Name: RAFAEL GUERRERO

GMC/GDC Number: 4551177

Speciality: SURGERY

I deliver an outstanding high quality service with a surgical mortality of 0.4% for the last 4 years, including operating and mentoring on the most complex high-risk procedures(e.g.Norwood procedure, Arterial Switch, Bi-ventricular rescue etc)

Since 2014, I created and developed the concept of a "Multi-speciality Hybrid Theatre", for a more cost-effective use of NHS resources, improvement of patient accessibility and outcomes. I led the fund-raising of £1.3million, exclusively for the Hybrid Theatre in Alder Hey-the first in a Children's Hospital worldwide.

As the Clinical Director of Congenital Cardiac Services, I set up the vision and strategy to deliver a North West CHD service in response to the 2013 NHSE CHD Review and national service reconfiguration. I led the creation of the Liverpool Health Partnership for CHD, a new Model of Care between four Liverpool NHS trust, complying with the agreed NHSE standards.

I co-lead the creation and development of the Alder Hey-Innovation Service. I have led and drive the development of a device to analyse blood samples without breaking the skin, using Transdermal Sensor Technology. In 2015 as Principle Investigator, a SBRI Healthcare grant for £1.1 million was awarded.

In 2014 I led the creation and development of the North of England Congenital Cardiac Surgery Training Programme.

Name: SHEHAN HETTIARATCHY

GMC/GDC Number: 4120915

Speciality: SURGERY

1)Initiated, developed and lead the Veterans Trauma Network, the first NHS England national network to deliver veteran healthcare (Developed from Jan 2016, full launch Nov 2016). This is the first time the NHS has delivered veteran healthcare in line with its constitution and Armed Forces Covenant.

2)Increasing Trust leadership roles, culminating in becoming Trust Lead Surgeon and Major Trauma Director (Jul 2016), a new role in the Trust to develop a surgical voice at executive board level. Previously as Clinical Director for Specialist Surgery (Jul 2013-Jul 2016), led a team that gained a reputation for excellent clinical performance in national peer review and robust financial delivery (£3 million surplus 2015/16).

3) National roles supporting the development of Major Trauma (CRG member, National Hand Trauma Co-lead BSSH, National Trauma Co-lead BAPRAS, National Peer Review team, panel member for NHS Wales trauma review). Lead the limb reconstruction service that published the best outcomes in worldwide literature.

4)Despite having no formal research PAs, in last 5 years I have had 2 cosupervised PhDs awarded, published 25 papers (10 senior author), 2 book chapters and am the lead for the Trauma Research Initiative with IC. I have secured >£500k of grant funding either as applicant or co-applicant.

Name: TRACEY IRVINE

GMC/GDC Number: 4438397

Speciality: SURGERY

- 1. I was the only UK surgeon awarded a \$10,000 American College of Surgeons (ACS) International Guest Scholarship (IGS) in 2015. This improved patient care as I visited major US Cancer Centres to discuss techniques, clinical governance, safety and finance with chiefs of service.
- 2. I am the UK representative in Europe for the UK OSNA users group. I have driven forward prize winning research in this area and am a founder member of the European Breast Cancer Collaborative (EBC2). I led our first meeting in February 2016 and we formally launched as an organisation at the St Gallen conference in March 2017. I am currently writing a 5-year strategy to ensure our patients get the latest care and allow research collaboration.
- 3. I set up an innovative one stop clinic for gene carriers. Patients come from across the South Coast area and in view of its success our regional genetics centre wants to increase our workload. I wrote and had approved a business case to expand this service.
- 4. With our anaesthetists I developed a regional anaesthesia service for breast patients, resulting in reduced post- operative analgesia requirements, nausea and length of stay. I can now offer surgery to high risk GA patients to treat cancer with regional anaesthesia –previously these patients had no surgical options resulting in skin breakdown and wound problems.

Name: HISHAM KHALIL

GMC/GDC Number: 4165107

Speciality: SURGERY

High Quality Patient Care. I developed the Rhinology service I set up in Plymouth to provide tertiary services for patients in the South West Peninsula. I am a core member of the Peninsula Skull Base MDT set up in 2016. I've treated a significant number of patients with sino-nasal tumours, anterior skull-base lesions and complicated sinusitis negating the need for referral to distant centres. Outcome audits, publications and National Consultant Level Reporting in 2013-2016 have demonstrated a safe and high quality service.

Excellence in Medical Education. Awarded Principle Fellow of the Higher Education Academy in September 2015, a national award recognising leadership in education. I was appointed as a GMC Associate in 2016 through a national recruitment process with responsibility for quality assurance of undergraduate and postgraduate medical education. As Chair of the Otolaryngology Specialist Training Committee, I have overseen the high quality of training in the Peninsula since 2012. I led the medical school curriculum review (2011/12, 2014-2016) commended by the GMC and contributed to Patient Safety and Student Support at a national level.

Leadership in Healthcare Delivery I led a regional workshop in the Peninsula in January, 2016 on **new models for healthcare delivery** with participation of multiple stakeholders.

Name: SANJEEV MADAAN

GMC/GDC Number: 4277910

Speciality: SURGERY

In last 2 years, I am proud of my clinical, educational, research & academic achievements.

- Under my leadership as cancer lead, DVH was the only trust in Kent to meet all cancer targets for 2016. As urology cancer lead I have further refined Urology cancer services leading to a one-stop urology cancer diagnostic facility for prostate and bladder cancer diagnoses, inaugurated by Simon Stevens, Chief Executive of NHS England on 14.10.16.

Educational achievements:

- In the inaugural QIP programme started by King's in 2016, I supervised 9 medical students for a variety of quality improvement projects.
- Sep 2015 invited to join FRCS (Urol) MCQ writing panel
- Nominated for 'DVH most supportive consultant of the year award 2016'
- Mar 2016 Canterbury Christ Church University conferred upon me designation of visiting professor
- 10.3.17 Organised a highly successful 'Dartford Flexible Cystoscopy Course'

Research achievements:

- peer-reviewed publications in last 2 yrs
- Under my leadership as sub-speciality Lead, Urology cancer research in KSS was ranked number 3 out of 15 in the country.
- As a scientific member to the NCRI Prostate CSG (clinical studies group) since Sep 2015, I have been contributing to the development of national trials

Aug 2016 - invited to join the panel of Expert Advisers for the NICE

Name: ANDREW MILLER

GMC/GDC Number: 3342806

Speciality: SURGERY

I have a local, national and international reputation for excellence in surgical training, and was made an Honorary Senior Lecturer in Medical Education in 2016

I was instrumental in developing the LAPCO Train the Trainer Course. As one of a select faculty of experts I have actively developed the course curriculum. I deliver courses in the UK and Europe. I personally deliver over 75% of UK national courses. The Norwegian Surgical Association adopted the course as their national standard. I deliver Royal College of Surgeons of Edinburgh Non Operative Technical Skills for Surgeons (NOTSS) courses and have set up 4 annual courses for Health Education East Midlands Region (HEEM)

My adjusted mortality is 2.5% (national average 4%). I am colorectal cancer lead for the Trust (2008-). My mean length of stay is 6 days reflecting the Enhanced Recovery Programme I introduced as Trust Lead and rolled out to the East Midlands as Regional Lead. As Transformation Lead I was responsible for redesign of the surgical emergency process saving over 200 bed days/yr

I am an elected member of the Association of Coloproctology Colonoscopy Sub Committee (2015-18) and Emergency General Surgery Working Group (2016-19). I sit on the Executive of the National Pelvic Floor Society as the Pelvic Floor Clinical Studies Group Representative (2015-18)

Name: GAVIN MURPHY

GMC/GDC Number: 4085263

Speciality: SURGERY

- 1. I am an academic cardiac surgeon with a 50:50 clinical academic split. My case-volume is is comparable to the average for a consultant cardiac surgeon nationally. My case-mix has a higher expected mortality than the national average, and a lower observed mortality than the national average. This reflects my ability to work effectively as part of the wider team to deliver the best results for patients.
- 2. I was appointed as British Heart Foundation (BHF) Chair of Cardiac Surgery in Leicester in 2012. Since then the Chair has expanded to become one of the largest research groups in cardiac surgery nationally. The total grant income awarded to the Chair since 2012 was £5.5M. I have led the largest multicentre trial ever conducted in surgery in the UK (TITRE2), the results of which were published in the New England Journal of Medicine in 2015.
- 3. My research on blood safety is of a leading international standard and is directly cited in two existing NICE guidelines (Transfusion and Viscoelastic Testing).
- 4. I have a national leadership role in UK cardiothoracic surgery research. I am Chairman of the SCTS Academic and Research Committee, Chairman of the organising committee for the National Cardiothoracic Research Meeting, and co-Chair of a BHF workshop that is developing the national strategy for cardiovascular surgery research in the UK.

Name: AM NANU

GMC/GDC Number: 3447275

Speciality: SURGERY

Service Delivery: I deliver a measurably high quality service to my patients in Sunderland. Despite my national management and international educational commitments, my workload as judged by nationally published statistics has not suffered in comparison to my peers.

My clinical outcomes are better than the national average by 1 standard deviation for hips and over 2 SD for knees

Teaching: My teaching on international courses has been scored at 4.95 against a faculty average of 4.33

Training: I was awarded the Trainer of the Year in 2013 by the Northern Region trainees

National Management role: I am the Vice-President of the British Orthopaedic Association and President from September 2017.

I sit on the Council of the Royal College of Surgeons of England and am actively involved in designing and reshaping the workforce in association with Health Education England.

Name: DEREK O'REILLY

GMC/GDC Number: 4074227

Speciality: SURGERY

- 1. I am a leading clinical researcher within wider multi-disciplinary collaborations, addressing prevention, early detection, and treatment of pancreatic cancer. I have been a principal investigator (PI) for a number of key clinical trials. I was PI and co-applicant for Precision-Panc: ushering in a new era of personalised medicine for pancreatic cancer, awarded £10 million from CRUK (announced 24/03/17).
- 2. I was lead clinical co-ordinator of the National Confidential Enquiry into Patient Outcomes and Death (NCEPOD) report on the quality of care in Acute Pancreatitis. The report was launched at the European Pancreatic Club in Liverpool (7/7/16). I am lead author of several associated editorials. The full report and audit tools are available at: http://www.ncepod.org.uk/
- 3. I am a member of the National Institute for Health and Care Excellence (NICE) clinical guidelines committee on pancreatic cancer. Draft guidelines will be published June 2017.
- 4. I am the Hepatobiliary Pathway Clinical Director for Greater Manchester Cancer; the integrated cancer system and National Cancer Vanguard partner I have redesigned clinical pathways for jaundiced patients with cancer, to improve efficiency and outcomes. This has been endorsed as a national model by the ACE programme and the All Party Parliamentary Committee on pancreatic cancer.

Name: JAYDIP RAY

GMC/GDC Number: 4377267

Speciality: SURGERY

I deliver a high quality tertiary ENT & Neurotology service. I have been an early adopter of evolving technology to deliver safe and efficient patient centred services based on patient related outcomes guided by patient and MDT groups that I have set up. I have started several one stop supra-regional services (audited / published) with significant productivity and efficiency gains.

My NHS leadership roles include Deputy Training Programme Director, National Communications Lead ENT CRN (NIHR), Council Member British Society of Academic Otolaryngologists, Clinical Director for ENT & Audiology.

Despite a full clinical job I have a large research portfolio (14 portfolio projects in 6 years; chief investigator in £3m industry project) and actively deliver teaching, training, innovation. I have published 63 peer reviewed papers, 1 book, 1 book chapter and delivered 27 international & 60 national lectures since appointment. Appointed Professor of ENT (Hon) by Sheffield Hallam University in 2014.

I am engaged in commissioning with the CCGs and have led on regional NHS STP project and have developed several regional pathways & web based teaching/training resources for primary care and specialists.

I work with ENT UK and direct several courses (some free), supervise postgraduates, mentor peers/GP and examine for the Royal Colleges.

Name: DAVID SHEWRING

GMC/GDC Number: 2961411

Speciality: SURGERY

- I set up from scratch & developed a 'consultant led' comprehensive service for hand problems in Cardiff area which has made huge improvement to patient care. I receive tertiary referrals from neighbouring hospitals. I pioneered use of Day Surgery to treat hand injuries semi-electively. I was documented by "Performance Management" as the most efficient & productive surgeon in any specialty in my Trust
- National & International contribution to hand surgery. Served on all national committees of British Society for Surgery of the Hand (BSSH); term as Hon Secretary; currently Vice President and President for 2018 in recognition of this. Serve on Council of Federation European Societies for Surgery Hand sole UK member
- National contribution to medical education/training: Chair, Training Interface Group for Hand Surgery, a JCST committee; Member, Specialist Advisory Committee for T&O Surgery; Examiner, Intercollegiate Specialty Exam T&O Surgery; Chair, Committee of Management, Journal of Hand Surgery(European Vol)
- I led, delivered & presented the successful UK bid to host the triennial IFSSH Congress (c3000 delegates) for the 1st time ever in the UK.
 This is the most prestigious world event in hand surgery (the "Olympics" of Hand Surgery); to be held in 2022. I am Lead Organiser & President of this congress

Name: KAYVAN SHOKROLLAHI

GMC/GDC Number: 4609922

Speciality: SURGERY

I am **clincal lead** of the Mersey Regional Burns centre serving 4.5 million people. We received national acclaim with a survivor of 96% burns & have published our **UK-leading outcomes**. I've developed many new services including a **supra-regional service** for complex burns scars which has received 31 referrals from 5 other burns units including london

A number of key appointments including: by NHS England as **clinical lead** for the Northern Burns Operational Delivery Network covering a quarter of the UK, **Editor-in-Chief** of Scars Burns & Healing Journal (SAGE) in 2015 - the world's only scar research journal, which won the Apex award for publishing excellence, & I've been **Chairman** of The Katie Piper Foundation charity since 2013 and thereby established from scratch a national burns rehabilitation centre at no cost to the NHS

Hunterian Professorship of Royal College of Surgeons awarded in '07, and appointed **Honorary Professor** at Edge Hill University in 2015, itself awarded 'The Times University of the Year' '14-15

Despite no formal academic sessions, I've published 50 peer-reviewed journal articles since 2009, written 3 textbooks –most recently a hardback 700-page/1400 illustration reconstructive surgery textbook & submitted manuscript of Oxford Handbook of Burns to publisher

No local CEAs are available to me due to Trust moratorium

Name: BALJIT SINGH

GMC/GDC Number: 3468067

Speciality: SURGERY

Director of the Scientific Committee of the Association of Surgeons GB&I 2013-to date. Involved in the organisation of the ASGBI annual scientific meeting.

Honorary Treasurer (2014-17) and executive council member of the Association of Coloproctology GB&I. I oversee the financial running of the association and involved in the delivery of colorectal training and education to members throughout the UK.

Co-investigator for two major international colorectal trials, ACCURE and BIOPEX, which will change surgical management for colorectal cancer and inflammatory bowel disease.

Co-investigator of the largest English study showing that faecal immunochemical testing can be used to detect colorectal cancer in 2ww referrals with a negative predictive value of 99%. As a result FIT testing will be introduced in primary care by CCGs in Leicester. The study has also been referenced by NICE and NHSEngland.

As a member of the education committee of the European Society of Coloproctology I have been involved in the design and delivery of an educational programme for trainees and consultants across Europe at the annual congress and via the web portal from 2013.

Member of the Clinical Advisory Group for the National Bowel Cancer Audit involved in improving standards for colorectal consultants and units in the elective and emergency setting.

Name: DOMINIC SLADE

GMC/GDC Number: 3613764

Speciality: SURGERY

My achievements mirror the core values of the NHS including patient-centred & focussed care.

Clinical Innovation

 I instituted ambulatory care pathways for emergency surgery in a day case setting avoiding admission. I created a Surgical Triage Unit for the assessment and management of emergency surgical patients. Both have transformed the care of our patients saving a considerable amount of money for the trust. The model is being considered across Greater Manchester as part of an ambulatory care strategy in Healthier Together (local STP), which I lead.

Clinical Leadership

- I collaborated with NHS Improvement for the self-management of colorectal cancer survivors through creation of a bespoke, in-house database that automates investigations, reducing unnecessary clinic appointments, whilst providing safe intensive follow up.
- I authored a multidisciplinary enhanced recovery (ERAS) pathway for colorectal surgery and following modification implemented it for 5 other services in our trust and it has since been adopted by 9 other trusts nationwide.

Developing a World Class Service

• I trained in a new reconstructive technique and widened our collaborations in Intestinal Failure, allowing us to treat patients from across the country previously considered inoperable. Our outcomes continue to be the best in the world.

Name: DUNCAN SUMMERTON

GMC/GDC Number: 3190298

Speciality: SURGERY

I created & lead the East Midlands (EM) Penile Cancer (PC) Supranetwork (catchment 6.5m) treating 25% of all UK cases. I have developed & published surgical techniques, outcomes, and protocols which have been implemented into PC management Nationally

I lead the 2nd largest UK prosthetic implanting (tertiary referral) centre - high patient satisfaction(85%) and low(<3%)complication rates-the benchmark of National practice. I lead a high volume EM urethral reconstruction team. I established a respected post-CCT Andrology Fellowship(1 of only 2 in UK)

I have been central to the restructuring of Urological care Nationally via increasingly Senior roles in BAUS(British Association Of Urological Surgeons). As previously elected Chairman of Andrology Section, Honorary Secretary & Trustee I have increased the quality of service provided and member benefits. I was elected, by National ballot, to Vice President(2016)

At International level I have, as Chairman(2009-15), led the European Association of Urology(EAU)Trauma Panel and drove the creation of the all new Trauma guidelines-the most cited work in this field in the world. I represent the UK urology within the EAU (2013-)and had a leading role in the UK ratification of <u>all</u> EAU guidelines which has brought National standards into line with the excellence of the best European practice

Name: NIKESH THIRUCHELVAM

GMC/GDC Number: 4303941

Speciality: SURGERY

Clinical Excellence: Lead Reconstructive Urologist. Developed 8 business cases. Now offer comprehensive high volume reconstructive service and high quality care (with publicly available outcomes); 2016:

- urethroplasty (8th highest in UK, 50% lower LOS than national median, 0% postop complication)
- male (88% pt satisfaction) and female incontinence surgery (39% for recurrent surgery, 92% improvement rate, 100% no complications) (5th highest in UK)
- ureteric reimplantation (100% success) (4th highest in UK), Mitrofanoff conduits (30% revision of published revision 50%) and fistula repairs (100% success) (3rd highest in UK)

Academic: I am co-applicant to 2 NIHR studies with deputy CI to one NIHR study (£2.8 million). I am PI to a further 3 NIHR studies, 6 commercial studies (CI to one) and 2 investigator led studies. Top UK recruiter in 5 studies. Published 21 articles and 8 book chapters.

Leadership: National and International roles in Urology executive committees (BAUS and EAU), national lead on BAUS section audit, contribute to NICE, NHSE, APPG and NHS Horizon Scanning on continence care

Teaching: ran 9 courses, teach at national and international level to undergraduate and postgraduate students; contribute to SpR teaching at STC/ARCPs, FRCS Urol and ISCP curriculum development. Core Surgical recruitment. Msc In Urology.

Name: SIMON THOMSON

GMC/GDC Number: 4114998

Speciality: SURGERY

Clinical service: In Q1-Q3 of 2016 I have seen 971 outpatients (Department average: 612) and managed 289 inpatients (department average 148). The friends and family audit of the brain tumour service showed 100% of patients would be likely or extremely likely to recommend the service. Our survival and gross total resection rates are exceptional.

Educational roles: Since 2012 I have been a clinical lead for ebrain which is now the largest neuroscience elearning programme in the world with 8000 users and over 200 hours of elearning content. I am an Editor of the Oxford Textbook of Neurosurgery (600,000 words). Since 2014 I have been a member of the Specialist Advisory Committee on Training in Neurosurgery. I have been involved with editing the Quality Indicators and I am the liaison member for the Mersey training programme. I have represented Neurosurgery for the electronic logbook for over 10 years and have run four national MCQ examinations.

Research: Since 2012 I have been the chief investigator of one, principle investigator in four and co-investigator in a further five trials. In the last four years I have helped establish the pathway for brain tumour banking.

Organisational: I am the Treasurer of the UK Joint Neurosciences Council and whilst in office, have converted this organisation into a charity.

Name: JAMES TYSOME

GMC/GDC Number: 4716723

Speciality: SURGERY

- 1. As the clinical lead of a regional multidisciplinary Skull Base Service since 2013, I have initiated service improvements with patients resulting in our National Peer Review rating increasing from 57% in 2013 to 95% in 2016 when we were ranked 1st nationally. Two colleagues and I achieved £500k income increase annually for the last 4 years from cochlear implants and a £1.1million Cost Improvement Programme in 2016.
- 2. Since 2013, I have supervised 1 PhD and 3 MPhil students, published 30 papers in peer review journals, been awarded £235k in research grants, and in 2014 was appointed National Institute for Health Research ENT National Specialty Group Deputy Lead for the Eastern Region and Associate Editor of Clinical Otolaryngology editing 245 papers contributing to an increase in journal impact factor rom 2.1 in 2014 to 2.7 in 2016.
- 3. Since 2015, I have been a National Institute for Health and Care Excellence Interventional Procedures Advisory Committee Member where we have published guidance on 33 procedures in 11 meetings per year.
- 4. In 2015, I was appointed Clinical Lead for ENTUK's interactive e-learning platform (www.e-lefent.org.uk) and Member of ENTUK's Education Committee. I lead a team of 15 editors and have increased membership by 26% to 1300 and website views by 57% by developing a marketing strategy.

Name: TIMOTHY UNDERWOOD

GMC/GDC Number: 4529332

Speciality: SURGERY

- Directed the development of Southampton into an internationally recognised centre for oesophageal cancer research & secured over £10 million in grant funding, including a personal Senior Fellowship from Cancer Research UK (first surgeon).
- 2. Published a series of landmark papers in 4* journals (e.g. Nature Genetics) describing the biology of oesophageal cancer including a new molecular classification based on whole genome mutational signatures. These signatures inform disease aetiology, and for the first time, allow the rational design and application of targeted therapies (e.g. immunotherapy) to a tumour type will appalling outcomes.
- 3. Delivered excellent clinical outcomes benchmarked against the National OesophagoGastric Cancer Audit, driven by continuous service evaluation and development. Published UK-leading results for enhanced recovery, and an assessment of the long-term complications of oesophagectomy in fieldleading journals. All clinical research work of this kind is over and above my funded translational research programme.
- 4. Directed Southampton's contribution to the worldwide Human Cancer Models Initiative Organoid Derivation Project. This includes oesophageal, colorectal and pancreatic cancer.

These achievements were recognised by promotion to Professor of GI Surgery in August 2016.

Name: SRINIVASA RAO VALLABHANENI

GMC/GDC Number: 4273181

Speciality: SURGERY

I am a Vascular Surgeon with an interest in complex aortic aneurysms. I was awarded a Personal Chair in 2015 in recognition of my research contribution.

Clinical: I am a key member of the aortic team leading an internationally recognised service of excellence and play a substantial role in continual improvements to quality of care. I have a large tertiary referral practice with excellent outcomes.

Training: I have designed and conducted the first ever hands-on EVAR planning course anywhere and I make a substantial contribution to training trainees and consultants with regional and national impact. I have co-directed the Royal College EVAR Planning course from 2008 to 2013. I co-conducted training programme for consultants from 2007 to 2016.

Research: I founded the ongoing GLOBALSTAR project leading to the largest series of FEVAR (complex aneurysm repair) in the world. I have secured major grants for multicentre clinical studies, namely ETTAA Study and UK-COMPASS. I am a Principal Investigator of extended EVAR Trials and BASIL 2 & 3 trials.

Safety: I have pioneered image analysis for improved accuracy of implant deployment in keyhole aortic surgery. I have designed and supervised the audit that formed the basis for kidney protection in our hospital. I lead the way in reducing radiation exposure to staff as well as patients.

Name: CATHARINA VAN DOORN

GMC/GDC Number: 3187092

Speciality: SURGERY

In October 2013 I returned from abroad to take up the position of Senior Consultant and Clinical Lead in a Congenital Cardiac Unit that early that year had been temporary closed due to concerns about outcomes.

Since my appointment I have at local level

- Raised the Unit's surgical performance. Surgical activity increased from 347 paediatric cardiac operations (12/13) to 388 (14/15) and waiting list targets have been met. Case load complexity has increased. In house monitoring of real time risk-adjusted outcome using VLAD charts shows that mortality is lower than predicted.
- Within an appropriate clinical governance frame work successfully introduced a high risk surgical programme for treatment of hypoplastic left heart syndrome (Norwood programme), bringing the scope of surgical practice in line with other UK units.
- At the 2016 External Research Review jointly commissioned by the University and the Leeds Teaching Hospitals achieved designation for the Congenital Heart Unit as an area for academic investment.

At national level, I was elected Chair of the Congenital Subcommittee of the Soc for Cardiothoracic Surgery in 2016 where I am fostering a culture of collaboration and support to continue to improve professional standards and patient care at a time of on-going re-organisation.

Name: SUZANNE VENN

GMC/GDC Number: 3202568

Speciality: SURGERY

1. Service improvement/Innovations:

- a. Clinical Lead for Urology introduced a One Stop Outpatient and investigation clinic
- b. Clinical lead for the roll-out of clinical IT projects -clinical engagement

2. Leadership

- a. Tutor for Urology at RCSEng involving developing courses, and developing strategy, but also teaching locally and nationally on course for all grades of doctor.
- b. Trustee of British Association of Urological Surgeons (BAUS) and Chair of overseas development committee at our national organisation.

Name: ADRIAN EDWARDS

GMC/GDC Number: 3324873

Speciality: ACADEMIC GP

Since Bronze renewal (2014), 3 areas show a step change in clinical and research achievements.

- 1. **Transforming current care**: with 2 colleagues, stepping in at short notice (2014) to rescue a vacant practice in disarray. Used clinical & academic expertise to change ethos and delivery, providing a new service for 6200 patients with enhanced access, patient experience, range/quality of services, developing future service as teaching/research practice, & supporting ABUHB by reduced A&E visits, referrals, improved prescribing indicators.
- 2. Transforming future primary and acute care through my leadership of Health & Care Research Wales 'PRIME Centre Wales' for primary & emergency care research: network over 4 universities, 8 workpackages, 27 co-apps, 16 collaborators, £3.6M funding 2015-18, >£16M income & >120 publications since 2015; impact cases: patient centred, unscheduled & dental care, screening, family nursing.
- 3. Strategic leadership at Cardiff Uni to put **improving patient care & illness prevention at core of research and teaching** appointed Co-Director of new Division of Population Medicine in Feb 2016 (110 staff, incl 22 Pls, 25 PhDs, grant portfolio >£20M).

I was revalidated in 2015, & have published >200 peer reviewed articles, H-index = 46 & citation count 7,138 (Jan 2017) & total research income £14.8M, £8.1M as PI.

Name: PARAMJIT GILL

GMC/GDC Number: 2569675

Speciality: ACADEMIC GP

Since Bronze award 2010:

- Promoted Professor of General Practice, Warwick University and appointed Non-Executive Director of a NHS Trust (2014-17) - a national first, for a practising GP to be appointed to the board of a NHS Trust.
- My research is focused on addressing inequalities in health and have generated over £20M as lead/co-applicant and 92 papers. I played active role in promoting research as Primary Care Speciality Lead (2012-16) with >18,000 patients recruited to studies, and have also facilitated the appointment of GP research leads & research active pharmacies within all the Clinical Commissioning Groups in the Birmingham & Black Country Area. Also won BMJ Diabetes Team Award (2015) and contributed to the practice achieving **Outstanding** CQC rating (2016).
- As the Royal College of General Practitioners National Champion for Social Inclusion (2011-14) I developed the first NHS commissioning guidance on improving access to health care for vulnerable groups [Gypsies & Travellers, homeless people and sex workers]; and was invited to give evidence to the British Irish Parliamentary Committee.
- I lead the NICE National Collaborating Centre for Indicator
 Development developing the Quality and Outcomes Framework
 performance indicators improving the quality & safety and
 distributing>£800M to all English practices.

Name: CARL HENEGHAN

GMC/GDC Number: 4731643

Speciality: ACADEMIC GP

Research on neuraminidase inhibitors, published in the BMJ, Cochrane and NIHR HTA journal had global exposure, influenced rational prescribing and EMA's policy on access to study reports, and led to Govt. Health Select committee appearances.

I am Director of the Centre for Evidence-Based Medicine and International Programs in Evidence-Based Healthcare. The centre has a global reputation for teaching, disseminating and implementing evidence. The program builds capacity through an MSc (80 students on program). I led the development of new masters in Systematic Reviews and Medical Statistics, and oversee research methods training for academic trainees. The centre websites have over a million annual visitors, we have trained over 200 EBM teachers, and I direct the undergraduate EBM thread at Oxford.

I am Director of a WHO Collaborating Centre in NCDs; have chaired three WHO guidelines; advised on the WHO's NCD Global Action plan and led impact research, addressing inequalities, in some of the lowest resourced settings globally.

Since March 2012 I have 211 publications in peer reviewed journals: 140 original research articles, 52 of which are systematic reviews. I have maintained a strong public engagement, online and media presence and twice been recognised as one of the top 100 NHS clinical leaders by the HSJ.

Name: JOHN MACLEOD

GMC/GDC Number: 3491308

Speciality: ACADEMIC GP

I am a GP, Professor, and Section Head in one of the leading centres of Population Health Science in the UK. My clinical practice, my research, my leadership around putting evidence into practice and my contribution to training tomorrow's doctors aims to improve population health and reduce health inequality, especially in younger people, through effective Primary Health Care. My achievements include:

- Leadership of a Wellcome Trust and MRC funded programme to enhance health research using linkage to routine data, that is now a cornerstone of Bristol University's strategy for Digital Health
- Leadership of a "Health Integration Team" driving evidence based practice in sexual health that since 2011 has helped achieve sustained decreases in teenage pregnancy and very late diagnoses of HIV alongside increased coverage of Chlamydia screening and the development of better community treatment pathways now being implemented and evaluated system wide
- Co-leadership of development and delivery of a "helical theme" in Evidence Based Practice spanning all five years of the medical curriculum
- Leadership in my School of a Section of over 100 researchers whilst continuing to produce internationally excellent outputs in my own research areas of informatics, addiction, sexual health and improving outcomes for vulnerable children.

Name: SONIA SAXENA

GMC/GDC Number: 3311062

Speciality: ACADEMIC GP

I am a highly research-active academic GP and head the leading research group on children's health in primary care in the UK

Since Bronze CEA award:

1. Promoted to Reader in Primary Care, Imperial College London (2013), >£14 million in research funding (£1.2 million as lead applicant), 58 papers in international peer reviewed journals

2. Influenced policy through research showing:

- Better weekday access to primary care reduces children's avoidable hospital admissions cited by 2016 Health Select Committee's Primary Care Strategy
- Led largest evaluation of the National Childhood Measurement Programme cited in the Health Select Committee's Childhood Obesity Report 2016
- Widespread antibiotic under dosing led to changes in Children's British National Formulary, NICE guidance and won Royal College of GPs Paper of the Year (Medicines for Children 2013 & 2015)
- **3. Practising GP** reduced practice admissions by 70% with case management. Showed GP led urgent care offloads 2/3 children's out of hours visits to emergency departments across NW London
- 4. Research leadership: Chair Opportunities Committee (Silver Athena SWAN award 2014), National Institute for Health Research Panel (2015), Visiting Professor Harvard and University of Florida (Distinguished Scholar Award, 2014). President Child Health European Public Health Association

Name: WILLIAM FAWCETT

GMC/GDC Number: 3095960

Speciality: ANAESTHETICS

I have an international reputation in Enhanced Recovery After Surgery (ERAS) with appointments nationally (DOH) and internationally (World ERAS Society Executive Committee). ERAS oversees the spread and adoption of ERAS, with proven reduction in length of stay (LOS), complications and cost with improved long-term survival

Appointed as editor, then MCQ editor, *British Journal of Anaesthesia Education* (over 2 million downloads/year). Appointed National Assessor/chapter writer for National Confidential Report into Enquiries in maternal mortality (MBBRACE)

Actively involved in Research, Teaching and Examining. In the last 5 years, produced 29 publications including 5 papers, 2 text books, 7 chapters, 2 review articles, 3 editorials with over 60 major presentations winning 6 prizes, including two for best manuscript, *British Journal of Surgery* (2012, 2016). Established a national academic reputation for my Department. Appointed Senior Fellow at Surrey University, Honorary Senior Lecturer at UCL, External Examiner Cape Town University

Elected to Board/Council of Association of Anaesthetists (AAGBI) in 2016. Appointed to Editorial board of *Anaesthesia* Journal, Education and Research & Grants Committees. Nationally, invited to sit on the Perioperative Medicine Advisory Board and working group for the use of epidurals in hospitals

Name: JEREMY GROVES

GMC/GDC Number: 3142295

Speciality: ANAESTHETICS

Council of the Intensive Care Society (ICS).

 The Society promotes research and education in intensive care. I have redeveloped the Society's website, blog for the society & aim to represent the views of the district general intensivist. Secretary to Patients and Relatives Committee. Re-elected in 2017.

Intercollegiate Committee for Basic Surgical Examinations (ICBSE)

 Chaired the Internal Quality Assurance Committee. This is one of two key committees overseeing the administration, development & application of the Intercollegiate Membership (MRCS) & Diploma of Head and Neck Surgery (DOHNS) examinations. Working with the four British Isles Surgical Colleges I have led & implemented changes to the standards setting, equality & diversity processes. I have introduced detailed feedback to examiners, strengthened governance processes & published on human factors and examinations. I am an ICBSE Assessor.

North Trent Critical Care Network.

 Clinical Lead. I advised the Board, chaired the Clinical Audit & Advisory Group & lead on the network's audit process facilitating the collection of case mix data on 9,000 critical care episodes annually.

Chesterfield Royal Hospital

 I maintain a patient centred practice at my local trust and contributed to it's management through my role as a Staff Governor

Name: GARY MILLS

GMC/GDC Number: 3068704

Speciality: ANAESTHETICS

Member of the National Specialty Groups for Anaesthesia/PeriopMedicine/Pain (APP) & Critical Care Medicine (CCM). Secretary/Conference Organiser of the BJA Research Forum & Anaesthetic Research Society. I Chair Yorkshire/Humber Clinical Research Networks for APP & CCM. Hon Professor at Sheffield Uni. As Research Lead I introduced Academic Clinical Fellows & supervised 9 PhD, 2 MPhil & 9 BMedSci students

As a Lead Examiner, I developed/led from inception the Structured Oral Exam of the Fellowship of the Faculty of Intensive Care Medicine. I am an Editor of the BJA Education Journal

As 1 of 3 National Surge Centres, I lead our Critical Care Ebola preparation/training/future disease preparations in our CQC OUTSTANDING ICU/HDU. I am a member of the National Perioperative Medicine Innovation in Practise Committee

I am UK lead for 7 international studies & member of the international design team for 7 world-wide studies since 2012: PREDICTEU, PROVHILO; published Lancet 2014, PROVENT Lancet Respiratory 2016-coordinating 58 UK Centres, PROBESE, PROTHOR, AVATAR aimed at reducing perioperative mortality/morbidity BALANCED reducing complications in older people. Compliments my work as coauthor of EU Charter for Inclusion of Older People in Research. I am Co-designer of Medicines Optimisation in Critical Care (MOCCA) with ICU pharmacists

Name: GARY MINTO

GMC/GDC Number: 4133142

Speciality: ANAESTHETICS

1.Leader: SWARM, trainee network I lead has run 18 projects, includg NIHR portfolio grant funded 6 centre RCT; fostered ~10 trainee Principal Investigator (PI)s, 2 Chief Investigator(CI)s, recruited ~ 3000 pts to NIHR studies & won British Medical Journal Anaesthesia Team of the Year 2016.

For UK NIHR anaesthesia specialty group (`09 on) I led on a national federatn of networks RAFT that recruited 15000 (SNAP`14), 20000 (SNAP2 `17) & >3000 to iHype (`16)

2.Researcher- since`13: CI for 4 portfolio studies & PI for 9; ~1900 recruited (~2800 since`08)

13 grants in past 5 yrs (~£180 000).

30 papers/chapters since `12 . Invited speaker at >30 inter/nationI meetings, reviewer for 16 Journals (including 45 for BJA), 5 UK grant bodies, MSc examiner. A paper in BJA, world`s top Anaesthesia journal has ~145 citations & in top 50 most cited BJA papers ever.

Supervised 3 MD fellows (2 awarded to date), am doing MD myself, & have created 3 SWARM research fellows since `16.

- 3.Preop Lead `13-`16: grown Cardiopulmonary Ex (CPX) capacity to ~750 per year. ~5% of high risk pts assessed now don't proceed to surgery based on individualised risk assessment & local data. Assoc decr in pancreas 1 year mort fr 22 to 11%.
- 4. Founder (Director till `16) of FRCA Finals Course. 215 candidates, 18 2day courses, 81% exam pass rate (cf UK rate 67%)

Name: NICHOLAS DRAGE

GMC/GDC Number: D 64996

Speciality: DENTAL

As a singlehanded NHS consultant I provide a 'patient centred', research active fully compliant modern imaging service for the Health Board. My commitment to the NHS in Wales is considerably above the standard expected, evidenced by:

Local

- Provision of a comprehensive, efficient head and neck imaging service to the Health Board and surrounding Health Boards. I have developed the ultrasound service for the Vascular Anomalies Clinic providing the only ultrasound guided sclerotherapy service in Wales for head and neck vascular anomalies.
- As topic lead, I provide the learning material, lectures, seminars and the examinations for the dental undergraduate and the hygiene and therapy dental radiology courses. In addition I am committed to postgraduate education providing courses across Wales and the UK for dentists in areas such as radiation protection and cone beam computed tomography.

National

- As elected President of the British Society of Dental and Maxillofacial Radiology I have personally put on two successful national meetings. I was on the working group producing the 'Core Curricula in Dental Radiography and Radiology for the Dental Team'.
- Member of the working group, and played a key role in the publication of 'The Safe Use of Hand Held X-ray Devices' published by Public Health England in 2016.

Name: PHILIP PRESHAW

GMC/GDC Number: D 66974

Speciality: DENTAL

CLINICIAN: I provide secondary and tertiary care consultant services in periodontology in the North East, and have established a "service through research" model in the Newcastle Dental Clinical Research Facility (Dental CRF).

RESEARCHER: Since last award: £700k in grants and 24 papers; 3 NIHR Fellowships awarded for trainees under my leadership (2 Doctoral and 1 Transitional Fellowship); CI/PI for 2 commercial studies and CI for 1 non-commercial NIHR portfolio study; Lead Academic Supervisor for 4 ongoing NIHR portfolio studies.

TEACHER: Editor of "Clinical Periodontology" ed. 13 (2017), the world's most widely read periodontology textbook. Guest editor for "Periodontology 2000" (2016), the leading reviews journal globally in my discipline. Specialist examiner (at consultant/specialist level) for the Royal Colleges of Surgeons.

LEADER: Specialty Lead in Oral and Dental Research for NENC CRN (the North East & North Cumbria Clinical Research Network) and Clinical Lead for the Newcastle Dental Academic Clinical Directorate (2014-present) at Newcastle upon Tyne Hospitals NHS Foundation Trust (NuTH). Chair of Newcastle 1 NHS Research Ethics Committee (REC) (2013-present). HRA (Health Research Authority) National Research Ethics Advisor (2017-present).

Name: CHRISTOPHER MOULTON

GMC/GDC Number: 2715146

Speciality: EMERGENCY MEDICINE

- 1. **CLINICAL SERVICE:** Royal Bolton is one of the busiest district general A&E departments in the UK (115,000 new patients and 28,000 ambulance arrivals per year) but, despite a challenging case-mix and the recent problems in emergency care, we have achieved recognition for both clinical and educational excellence. I see one of the highest numbers of patients of any A&E consultant and always have excellent staff and patient feedback.
- 2. LEADERSHIP & DEVELOPMENT: As Vice-President of the Royal College of Emergency Medicine (elected for two terms, from 2013 to date), I have been a key member of the College policy team and have influenced NHS opinion leaders. As well as acting as a national media spokesperson, I have contributed to all College publications in that time and have presented at frequent national meetings.
- 3. **EDUCATION & INNOVATION:** For nearly 20 years, I have been the main author of the leading textbook "Lecture Notes: Emergency Medicine" (Moulton & Yates), the 4th edition of which was published in October 2012. In 2016, the book was adopted as the standard College text and I am leading the editing team.
- 4. **MANAGEMENT & QUALITY:** I was advisor to the National Clinical Director for Urgent and Emergency Care from 2009 to 2013 and in February 2017, I was appointed to lead the NHS national improvement programme for Emergency Care.

Name: AMMAR AL-CHALABI

GMC/GDC Number: 3323573

- 1. Awarded American Academy of Neurology Sheila Essey Prize 2016, a prestigious international competitive prize for significant contributions in the search for the cause, prevention of, and cure for amyotrophic lateral sclerosis (ALS).
- 2. Ranked highest worldwide in the domain amyotrophic lateral sclerosis, motor neuron disease. >50% of my publications are in the top 10% most cited worldwide (SciVal, 2015), including since March 2012, 100 peer-reviewed papers, 16 of which are in Science, Nature and Lancet journals. My H-index is 56 (Scopus 2017).
- 3. A system for clinical staging of ALS I developed is now certificated and used in twelve European countries (2015), included in internationally agreed guidelines for clinical trials of ALS (2016), and independently validated using biomarkers (2014).
- 4. As Director of an internationally recognised ALS clinic, I run a portfolio of translational research: I co-lead a national ALS register (2015), a multinational whole genome sequencing consortium (2014), and am principal investigator of an EU JPND programme to track the patient journey (2013), a Horizon 2020 programme to find ALS biomarkers and trial a new therapy (2015), and another to investigate palliative care in ALS (2014). I am also chief investigator of an international commercial clinical trial in ALS (2015).

Name: PERSIS AMROLIA

GMC/GDC Number: 3328729

- As Chair (10/16) UK Paediatric Bone Marrow Transplant (BMT) group (a) lead monthly national MDT where difficult cases from across UK discussed (b) lead annual national audit all UK paed BMT outcomes + (c) personally developed revised indications adopted by BSBMT. Outcomes:harmonised practise, improved national quality of care
- 2. Key role in expanding BMT unit at GOS to largest paediatric program in EU. Excellent outcomes (79% survival 2016)
- 3. NIHR Research Professor (11/13): highly productive research program (40 publications + £6.3 million grant income since last award). Chief Investigator on 2 current multi-centre clinical studies delivering major clinical benefits to patients. Collaborating with industry on 2 further studies to extend application
- 4. International research leader in Chimeric Antigen Receptor (CAR) T-cells genetically redirected to kill leukaemia. Led 1st EU study in paediatric ALL (published 2017) + multicentre UK study with 2nd generation CD19CAR T-cells (opened 5/16) with national referrals allowing UK patients to have access to this ground-breaking new treatment. Unprecedented complete response rate (83%) in otherwise incurable patients. To prevent relapse after CAR T cell therapy, now implementing 1st study of bispecific "best in class" CART cells worldwide (to open Q3 2017). This may transform treatment of ALL

Name: RICHARD BAKER

GMC/GDC Number: 3476017

- Service Delivery: Service lead for renal transplantation (c. 200 transplants annually). Introduced steroid avoidance, chronic review clinic and highly sensitized patient scheme. Excellent outcomes in NHSBT annual report, Renal Registry, peer review and CQC
- 2. National Leadership: Chair of Renal Services Clinical Reference Group since 2016. National Quality Improvement KQUIP Partnership Board and Kidney Health Partnership Board. British Transplantation Society (BTS) Executive (Treasurer) 2011-16. NHSBT Kidney Advisory Group since 2014. Member NHSBT Elderly Deceased Donor Kidney Allocation and Living Donor Kidney Working Groups. Lead author Renal Association(RA) and BTS Guidelines, "Post-operative Care of the Kidney Transplant Recipient" 2017 (NICE accredited)
- 3. **Research:** Published 18 peer reviewed papers and 3 book chapters in the last five years. Associate Professor Leeds University in 2014. PhD supervisor and author 20 abstracts at international meetings since 2014. Member of UKKRC Transplantation Clinical Study Group. Leeds renal research lead from 2010-16, Awarded YKRF grant for £86,455 2015
- Education and training: Invited speaker BTS Annual Congress 2016, 17;
 British Renal Society 15,17; RA 2014, Scottish RA 2015. Faculty member RA Advanced Nephrology Course 2012-16. Faculty member ISN Transplantation Course Cairo 2015

Name: IAN BRUCE

GMC/GDC Number: 3357585

Speciality: MEDICINE

As Professor of Rheumatology and a National Institute for Health Research (NIHR) Senior Investigator (2013) my practice integrates clinical excellence with translational research.

I lead the NHS England Specialised Rheumatology Service (designated 2013) at our Lupus UK Centre of Excellence (renewed 2014) for patients with systemic lupus erythematosus (SLE) and connective tissue diseases. I have formalised regional pathways to provide access to biologics for SLE and vasculitis. I co-lead our Specialised Rheumatology Antenatal clinic.

With NHS England and the British Society for Rheumatology (BSR) I have led on developing guidelines for biologics in SLE including rituximab (2013) and belimumab (2016). I am a co-author of the BSR management guidelines for SLE.

I am one of the 30 most highly cited rheumatology academics in Europe (Lab Times). I am Chief Investigator of the MRC Stratified Medicine in SLE Consortium (£4.2m -2015-19) and the UK Biologics Register for SLE (>600 subjects). I also lead an multinational study of steroid-related damage in SLE.

I am Director of the new NIHR Manchester Biomedical Research Centre and chaired the NIHR Translational Research Partnership in Joint Diseases Steering Group (2014-2016). Both aim to expand and develop experimental medicine and translational research for patient benefit.

Name: VINCENT CONNOLLY

GMC/GDC Number: 3260238

Speciality: MEDICINE

My contribution to the NHS,

- 1. Medical Director Emergency Care Improvement Program (ECIP) & Emergency Care Intensive Support Team (ECIST) 2010-2016. A national post to improve the quality and effectiveness of emergency care. I have worked with >90 sites to support quality improvement (QI). ECIST's success led to ECIP in 2015, a nationally led program of QI for the 28 most challenged emergency systems. I developed the model of support & have provided advice to the Cabinet Office and NHS leaders to influence policy & strategy. The success of ECIP led to an investment of £10 million to expand to 44 sites.
- Clinical Advisor, Ambulatory Emergency Care (AEC) Delivery Network, 2012 on. I established the AEC network to share best practice across the NHS >100 Trusts. I was elected president of the British Association of AEC. AEC has developed from niche practice to mainstream emergency care
- 3. Chief of Service, Medicine at my trust 2005-2012. Multi-specialty service, budget £100 million and > 1000 staff. Major achievements, reduced HSMR, 250 deaths fewer than expected, shortest GIM length of stay in England. Led the delivery of regional pathways for stroke, major trauma and with the SHA.
- 4. **Consultant Physician** AMU & led alcohol service to reduce mortality & admissions. Deliver an exemplar AEC service. Provide regional porphyria service.

Name: MILES DALBY

GMC/GDC Number: 3484184

Speciality: MEDICINE

Clinical Over the last 4 years I have committed to the leadership development & delivery of high quality regional (>2M) & Pan London (7M) heart attack & structural heart services including a new supra-regional cardiac arrest 'hyperintensive' resuscitation program delivering >50% survival in 2016 (NHS priority). I lead the regional Transcatheter Aortic Valve Implantation (TAVI) program at Harefield increasing activity from 37 in 2013 to 108 in 2016 reducing 30 day mortality to 1.9%, patient reported experience 'excellent' in >85%

Research I lead research to reduce muscle damage & determine predictors of outcome in heart attack. I am actively developing scalable resuscitation training methods utilising an unstaffed booth based model. I am innovating in cardiac rehabilitation after TAVI to improve patient reported outcomes

Teaching & Training. I run an internationally recognised live heart attack meeting (11 consecutive years in 2017) the largest of its kind in the UK now including human factors training, simulated scenarios & extended to patients, public & schools

International I present regularly at the European Society of Cardiology (ESC) invited Faculty in acute coronary syndrome 'Meet the Experts' sessions. I work with the ESC Stent for Life program promoting access to primary angioplasty throughout Europe and beyond

Name: WILLIAM DRAKE

GMC/GDC Number: 3477087

Speciality: MEDICINE

Since my last award I have made major local and national contributions to clinical practice, teaching, research and my learned society

Research

Co-applicant on successful £1.2 million grant into the diagnostic accuracy/prediction of cure of Primary Aldosteronism; only funded proposal from an NIHR call for adrenal/pituitary projects. I publish high quality clinical research in major international journals. In recognition of my grant portfolio and publication output I have personal chair in Clinical Endocrinology.

Teaching and training

Appointed Programme Coordinator for my Society's Clinical Update - annual 3 day event delivering the RCP endocrinology curriculum in a 3 year cycle. Training Programme Director (TPD) for a top UK Endocrinology training scheme. Organized/chaired 17 RCP approved training events - all funded by my TPD stipend. Online feedback from these events is 3.96/4 (4 = excellent).

Service development and provision

Initiated, coordinated, raised the 'start-up' funds for a multi-disciplinary clinic for patients with von Hippel Lindau (vHL) disease. In under 3 years awarded international comprehensive care centre status. Patient feedback drives service improvements.

Clinical management

Two Clinical Director roles at Barts Health (largest NHS Trust); Endocrinology/Endocrine Surgery and Thyroid Cancer Network.

Name: LUIGI FORNI

GMC/GDC Number: 3331451

- 1) I **personally** deliver high quality critical care (benchmarked national data) with colleagues to patients on our 28 bedded intensive care unit with a superior standardised mortality ratio to peer with zero unit acquired infections & <1% readmission rate
- 2) As elected research **chair** of the European Society of Intensive Care Medicine I am responsible for all research activities including research awards (> €300K) and oversee all projects submitted for endorsement and support. Coordinate the Systematic Review Group and **chair** the ESICM Trials Group. Faculty member of the international Acute Disease Quality Initiative providing evidence based recommendations to standardize care worldwide and direct further research
- 3) I **Lead** on implementation of innovative healthcare technologies including introduction of novel biomarkers for acute kidney disease into clinical practice and am a key opinion leader in this field. Developed a unique risk model for hospital acquired kidney injury incorporated into a ward based electronic reporting system receiving both national recognition and funding.
- 4) Educational initiatives include i) Co-Editor, Acute Nephrology for the Clinician ii) Run a postgraduate course on critical care nephrology iii) Provide support for postgraduate MRCP Neph course iv) Remain on the editorial board of several journals.

Name: ROBERT GEORGE

GMC/GDC Number: 2388232

Speciality: MEDICINE

Care of the dying is a national concern. I contribute at all levels via

National Reports

- -3 Expert advisor to Baroness Neuberger's Review of the Liverpool Care Pathway for the Dying 'More Care, less Pathway' This led to
- 2014ff 'Five Priorities of Care' & 'Ambitions for Palliative and End of Life Care': I was on the design teams & steering committee
- I also advise government committees, the Ombudsman & internationally as an expert witness in cases of End of Life Care

National leadership & Influence as President of the Association for Palliative Medicine (APM) I have made us the principal professional voice in care of the dying by

- Refreshing our vision, values, strategy & messaging
- building & leading a media presence on all platforms
- Public & political engagement

RCP writing teams on

- Palliative Medicine in *Physicians working for patients*
- the 'Prolonged Disorders of consciousness' guidance

National Applied Research & Guidances on CPR & Care Planning

- key NCRI teams on DNACPR & the ReSPECT process & documents
- 2 KCL teams working on Patient outcome and clinical complexity measures
- 2 Resusc. Council Guides: Implantable Cardiac Devices & DNACPR (co-opted)
- 18 peer review pubs this cycle

Better Care

- more effective models of hospice & community practice
- Novel training for generalists

Name: JOHN GREENWOOD

GMC/GDC Number: 3592151

Speciality: MEDICINE

2014: £250k charitable award to design, develop, deliver a Trust cardiovascular (CV) Clinical Research Facility (CRF). Produced a direct increase in patient recruitment into NIHR portfolio trials and created a new facility to safely deliver Phase I CV trials. Appointed Clinical Director of NIHR Leeds CRF (LGI site)

2013: Awarded personal Chair - Professor of Cardiology. Academic lead for clinical CMR research. Chief Investigator on landmark CE-MARC study (Lancet 2012; Ann Int Med 2016). Now CI for CE-MARC 2, (JAMA 2016), a large UK multi-centre trial comparing CMR vs. UK NICE guidelines for the investigation of patients with coronary heart disease (CHD)

2013-17: Nationally elected to Scientific Programme Committee of the British Cardiovascular Society (BCS). Personally responsible for organising the Imaging Track for a meeting of ~2500 delegates and created a new Imaging Village to assist trainees in reaching imaging core competency. 2016-7: elected BCS Vice President (elect) for Education & Research. 2016-2018 President-elect for BSCMR (Brit Soc of CMR)

In last 5yr I was applicant on ~£16.7M awarded grants, published 95 peer-reviewed papers, supervised 18 clinical MD/PhD Fellows (9 awarded/9 in-progress). I lead on 2 applications for UK multi-centre trials to optimise management of stable CHD. 2017: Associate Editor of JCMR.

Name: MARK GURNELL

GMC/GDC Number: 4027036

Speciality: MEDICINE

1. Clinical Practice

Since 2013, I have:

- a) served as clinical & academic lead for the East of England Specialist Pituitary Service
- **b)** established CUHFT as the lead UK centre for novel PET imaging in adrenal & pituitary disease
- c) jointly led a national complex thyroid disorder referral service
- **d)** coauthored national guidelines (Hypothyroidism; Post-Traumatic Brain Injury Hypopituitarism)

2. Clinical Research

Since 2013, I have:

- **a)** published 36 papers in peer-reviewed journals (incl NEJM, Lancet Diab Endo), with two in the top 5% of all outputs scored by Altmetric
- **b)** secured >£2.9m in grant income:
- 2017: Medical Research Council: £1.48m (Co-app; Clinical Lead)
- 2016: National Institute for Health Research: £1.2m (Principal)
- 2016: British Heart Foundation: £225k (Co-app)
- 2014: Evelyn Trust: £59k (Principal)
- c) been appointed Endocrine & Metabolic Lead, Eastern Clinical Research Network

3. Medical Education

Since 2013, I have been (re)appointed to several leadership roles in medical education, incl:

- a) Clinical SubDean: University of Cambridge
- b) Board: UK Medical Schools Council Assessment Alliance (MSC-AA)
- c) Chair: MSC-AA Final MB National Exam Bank
- d) Expert Reference Group: GMC UK Medical Licensing Assessment
- **e)** Board: Royal College of Physicians Endocrine & Diabetes Specialty Certificate Exam

Name: LUKE HOWARD

GMC/GDC Number: 4370576

- I have set up specialised Pulmonary Hypertension (PH) services at Barts Heart Centre, increasing access to specialist care for large deprived parts of London, using a cost-neutral model lauded by commissioners.
- I have promoted improvements in health policy and patient care through the development of national & international guidelines (chair of 2 British Thoracic Society (BTS) Guidelines and writing member of NICE & European Respiratory Society Guidelines) with a focus on improving compassion and holistic care, chairing the production of commissioning tools in End of Life Care in London and using mobile technology to assess patients' quality of life and engage them in their care. As Chair of the BTS Standards of Care Committee, I am committed to driving up standards in respiratory medicine.
- On 0.5 PA/wk for research, I have published 40 peer-reviewed papers (30 original research); been invited as a steering committee member on 4 multicentre trials; am Chief Investigator on 3 international trials; supervised 4 higher degrees and my work has led to changes in major guidelines.
- My exercise service has developed to a regional referral centre and attracts international fellowships as well as delivering a unique training environment and a facility which now generates significant research output by my group and other groups.

Name: MASUD HUSAIN

GMC/GDC Number: 3276774

- Lead for Neurological Conditions theme of Oxford NIHR Biomedical Centre (BRC) and member of Trust's leadership team which applied successfully for BRC status (awarded 2017: £113 million for 5 years).
- 2. Since 2016, Lead for Cognitive Neuropsychology in Oxford NIHR Cognitive Health Clinical Research Facility, a centre devoted to assessment of people with memory and cognitive disorders. In 2015, developed an Oxfordshire referral pathway to provide a clinical service to assess young-onset dementia and complex cognitive disorders cases from throughout the Region.
- 3. Since 2016, Member of European Academy of Neurology panel on Dementia and Cognitive Disorders, in which I have been involved in producing European guidelines for management and treatment of cognitive disorders.
- 4. Since 2015, appointed Head of Association of British Neurologists Cognitive Disorders Advisory Group, a national professional panel which I lead in developing and responding to NICE guidelines, external including Dept of Health and Royal College of Psychiatry consultations, NHS Direct requests and media liaison.
- 5. European Academy of Neurology Investigator award (2016) and Wellcome Principal Research Fellow. This is Wellcome's most prestigious personal award, held by only 5 clinicians in the UK, awarded to me for research into treatments for cognitive disorders.

Name: RAJIV JALAN

GMC/GDC Number: 3635935

Speciality: MEDICINE

2013-Date

Acute on chronic liver failure (ACLF)

- Mortality of hospitalised cirrhotic patients is associated with organ failures, and I hypothesised the existence of a new syndrome referred to as ACLF. To test this hypothesis, I led the development of the European CLIF Consortium. We performed the CANONIC study (Gastro 2013), which defined ACLF. This programme has led to new and validated diagnostic and prognostic criteria and unique pathophysiology. (efclif.com).
- Impact: Invigorated research to find new treatments [400 ACLF papers; pubmed]; Reduced hospitalisation and mortality of cirrhosis in iICU by early referral (Kamath et al. Hepatology 2017].

Discovery of new therapies

- I discovered ornithine phenylacetate, a drug to treat hepatic encephalopathy. Finished a Phase 2b study and is Phase 3 enabling. UCL has potential to gain \$40M royalties (www.oceratherapeutics.com)
- I have discovered new treatments, which are entering clinical trials in a UCL spinout company, Yaqrit ltd (yaqrit.com) (Yaq-001: Targeting bacterial translocation; DIALIVE: Liver dialysis device; Yaq-005: Toll-like 4 receptor antagonist).

Academic

Published 335 papers; H-Index: 73; Citations: >12K [Google scholar]; **Grants:** Euro 18M [H2020] (CARBALIVE (PI), ALIVER (PI); LIVERHOPE(CoI))

Leadership

Editor in Chief of Journal of Hepatology (IF: 10.4)

Name: SAMUEL JANES

GMC/GDC Number: 3581122

Speciality: MEDICINE

My research delivers internationally **practice changing** studies of **innovative** interventions. The studies improved accuracy, quality of life, survival and cost efficiency. These studies have improved diagnostics in TB, sarcoid and lung cancer (LC) and have been incorporated into **National guidelines**.

I am director of the London Vanguard Lung Cancer Pathway Board. I have **led and delivered** the vision of fewer, more specialized MDTs. I have written service specifications and guidelines allowing better access to expert opinion and clinical trials while maintaining treatments locally. We have increased treatment rates. 1 year survival has improved by 4%. I am Vice-Chair of the National LC Clinical Expert Group and have helped deliver a national specification and optimal pathway based on our London specification.

I chaired the **European** LC Working Group delivering standardised MDT membership, education, diagnostics and treatments across Europe. I am the UK **education** delegate and have delivered a LC specialist curriculum and training certification for European specialists.

I have built one of the largest lung cancer research groups in the UK and **set up a patient focused charity**. Recent MRC and CRUK awards will deliver the world's first cell and gene therapy trial to LC patients, and first randomized therapy to patients with early LC.

Name: JANUSZ JANKOWSKI

GMC/GDC Number: 2867294

Speciality: MEDICINE

I was awarded a silver in 2013, and in 2016 was renewed at bronze level. In keeping with ACCEA guidance 4.2.11 I am including evidence since 2013.

- Research Leadership since 2013: I led Plymouth University to be 1st for the Clinical Medicine Output Quality in the UK Research Excellence Framework. Since 2016 as Research Director (unpaid) in North Cumbria Hospitals (NCUH) my strategy improved efficiency by 6%. As University Research Lead I created a Lancashire Clinical Institute with a £5.7m grant.
- 2. Quality Publications since 2013: I am *Co-Author* of 45 papers including the world's largest genetic risk study for Barrett's oesophagus, ChOPIN, helping prevent cancer, in *Nature Genetics*. Since 2016 I have 7 additional papers including in *Lancet Oncology*. My *h-index is now 60+* (top 1% academics).
- 3. Clinical Leadership since 2013: I have supported 6 NICE guidelines. Since 2016 I am an *Expert Advisor* (unpaid) to the NICE Centre for Guidelines improving practice. As *Academic Lead* (unpaid) for NCUH Clinical Executive Group I co-delivered a Cumbrian Service Review Plan.
- 4. International Leadership since 2013; As *Chief Investigator* (unpaid) of the world's largest oesophageal trial, AspECT (84 centres) I led its successful culmination. Since 2016 I am *Senior Faculty* & *Industrial Relations Chair* for 3 Internat'l Societies leading research.

Name: ANTONY JOHANSEN

GMC/GDC Number: 3266502

Speciality: MEDICINE

Hip fracture is a perfect test of the quality of health and social services for frail and older people –its care costs nearly £2 billion each year, with hospital care alone accounting for 1% of the entire NHS budget

My bronze award in 2008 reflected the growing reputation of the model of acute 'Orthogeriatric' care I had pioneered in Cardiff

 Locally, I have now developed this into a 'Frailty Team' which leads the multidisciplinary care of all trauma patients in Cardiff and Vale, and has reduced mean hip fracture length of stay –from 41.0 to 33.4 days since 2014

But my innovative approach is now influencing trauma services around the world:

- As clinical lead for the UK's National Hip Fracture Database (NHFD) I
 have turned this into a comprehensive Quality Improvement
 Programme, with an open-access website www.nhfd.co.uk delivering
 live data to clinical staff, managers, CQC and the general public
- Since I started in 2013 we have reduced the national figure for 30-day mortality after hip fracture from 8.1 to 7.1% –meaning 650 fewer deaths across the country each year
- My work on two recent sets of NICE guidance has drawn me into a
 wide range of research collaborations, including my leadership of an 8
 nation study which I am using to establish hip fracture audit and
 orthogeriatrics in yet further countries

Name: RICHARD LEACH

GMC/GDC Number: 2572857

Speciality: MEDICINE

As Clinical Director (2009-) in Acute Medicine (AM) at GSTT I lead a team that achieved CQC inspection ratings of 'outstanding' in emergency care + 'good' for medical care (2016), Dr Fosters 'Trust of the Year' award (2013) and has delivered many major service developments. Our HSMR is <70, LoS; 4.1days + CQC inpatient surveys benchmark AM in the top 3 Acute London Hospital Trusts (2013-)

With the NHSI/Monitor 'buddy' team (as Associate Medical Director; 2015-) at Medway Foundation Trust (MFT) I helped introduce a medical pathway, improving emergency care + medicine CQC ratings from inadequate (2015) to good (2017), aiding MFT out of special measures on 8.3.17

Nationally, my roles on the NHS Pathways Clinical Governance Group (2014-), RCP Nutrition Committee (2006-;chair 2008-15) + Medical Specialties Board (2008-15), BTS Regional Specialty Advisor (2010-) + NICE iv fluid (CG174; 2013-)/NCEPOD bariatric surgery (2012) groups have supported national clinical improvement, workforce planning, training + policy development

Scholastic achievements include a Readership in Medicine at KCL, publishing 5 textbooks + >70 peer reviewed papers/invited articles. Major teaching roles include London Deanery Respiratory/GIM Training Committees (2008-), RCP Clinical Tutor (2008-12) + Respiratory Training Programme Director, SE London (2007-13)

Name: ELIZABETH LIGHTSTONE

GMC/GDC Number: 2838490

Speciality: MEDICINE

Since my last award in 2008, renewed '17:

1. I was promoted to Prof of Renal Medicine at Imperial College in 2014

- 2. I've developed an international reputation in management of Lupus Nephritis & Pregnancy in Women with Kidney disease. Evidence: Invited reviews incl Kidney Int 2017, Arthritis Rheum 2012, Oxford Textbook Neph 2015 & Med 2017; coauthor EU & Brit Soc Rheum Guidelines 2012, '17, Invited speaker eg: Am Soc Nephrol 2014-16, Meet the Prof, Am Coll Rheum 2014-16, World Congresses: Lupus 2013, Fetal Med 2014, Neph 2015; Chandos Lecture, Renal Assoc 2016, RCPE 2014, '16, Brit Soc Rheum 2015, '17
- 3. **Clinical Innovation**: I developed multidisciplinary integrated care centres in lupus nephritis & in pregnancy & advise on care of such patients in UK & internationally. I showed for 1st time that lupus nephritis could be treated without steroids. I led creation of National Rare Disease Group for Pregnancy & Chronic Kidney Disease & was 1st National Director, 2013-15. I lead a research team supported by £3.3million grant funds. Published 30 articles.
- 4. **Postgrad training:** Director of NW Thames Foundation School (NWTFS) 2010-12 & Academic Training programme 2009-15. NWTFS singled out as excellent In 2013 GMC review of Med School. I created new Academic Foundation programmes & jointly led creation pan Thames application process

Name: GRAHAM LIPKIN

GMC/GDC Number: 2929765

Speciality: MEDICINE

Since 2014:

- 1. I have conceived & am Director of the **Birmingham Centre for Rare Diseases**, the first UK adult, Supra-regional Centre for Rare Diseases
 covering 14 specialities (opened 2015, granted £25m), addressing inadequate
 patient care & research access; 6000+ patients now seen in 69 clinics, across
 14 specialities.
- I Chair a broad stakeholder group which developed a Service Specification for patients with cystinosis across England accepted by NHSE in 2016 for Commissioning.
- 3. 'Transplant First'. I have conceived & lead an ongoing Network-supported, QI programme, Transplant First, addressing inequity of patient access to kidney transplantation in Wmids. In addition I led redesign of the Wmids livedonor (LD) kidney transplant pathway, resulting in increased transplantation rates with much improved service quality & safety.
- 4. Kidney Quality Improvement Partnership (KQuIP). As Clinical Vice President of Renal Association (2013-), I conceived & Chair the development of KQuIP, a UK-wide patient/professionals QI structure with a focus on embedding QI in UK Renal Units/ Regional kidney Networks & advising Renal CRG. Three national QI priority projects, 4 Regional KQuIP QI days and an online QI resource Hub are being delivered this year. I have applied for a renal-lead role within NHS improvement, 'Getting it Right First Time'.

Name: NICK MASKELL

GMC/GDC Number: 4028769

Speciality: MEDICINE

I have helped change practice through my published research. Patient safety has been improved through my work with RCP / British Thoracic Society (BTS) and national guideline development.

Clinical Excellence

Deliver a high volume quality admission avoidance pleural service - now replicated in many UK centres

Excellent peer-reviewed patient outcomes -top 5% of UK

Published patient survey feedback -98% v satisfied

Chair regional mesothelioma MDT - improving access to trials/treatments

Leadership

Co-Chair of BTS mesothelioma and pleural disease national guidelines BTS/RCP advisor for chest drain safety and thoracic ultrasound Lead for national BTS pleural audits

BTS Treasurer

European Respiratory Society (ERS) Assembly lead

Academic

Published over 110 original papers, 16 book chapters & 3 books. 5130 citations of papers. H-index 30

Head of the respiratory trials unit at NBT –total grant income >£5 million Practice changing research: published in NEJM, JAMA, BMJ, Lancet, Thorax and ERJ in past 5 years

Teaching

Lead for highly successful BTS and ERS thoracic ultrasound courses ('11-current)

Facility lead for UK based ERS pleural interventional course 2016 Lecture nationally and internationally - talking at the RCP (12 invitations in past 5 years) Invited to speak in 27 countries over past 5 years

Name: JAMES MOON

GMC/GDC Number: 4216917

Speciality: MEDICINE

Service Creation: I set up and lead Europe's largest cardiac imaging service at the new Barts Heart Centre, including the largest UK echo, largest UK CT and world's largest CMR service. By scanning PPs, I raised £1.6million founding the UCL phenotyping centre (2 magnets), opening May

Service Innovation: I translate our research to new services: cardiac DPD scans (100 done –30% positive); a valve clinic. As the most innovative global CMR service - nearly all we do routinely is "world firsts". My global agenda is "faster, cheaper, easier". I developed the 10 minute CMR scan for Thailand (published Circulation, now in 23 countries) and the 15 minute contrast scan for Peru (British Embassy funded –changed care in 30%)

Research: In 5 years: 147 more peer reviewed papers (eg NEJM, Nature group x4, Lancet, Circulation x5). £5.2million more grants. H index up 28 to 51; citations doubled (to 13,367). My first 7 PhDs all won international young investigator awards. My group has expanded with 1 visiting professor, 5 senior lecturers, 2 lecturers and 9 fellows appointed

Leadership: As BSCMR president my board helped the UK lead global CMR. My programs flourish (LondonCMR, 10th year; SCMR team recorded >1000 lectures; Education.scmr.org; certified >1000 doctors). As 2017 EuroCMR program chair (245 speakers), registration is +35% yoy

Name: ANDREW MOONEY

GMC/GDC Number: 3271676

Speciality: MEDICINE

I am a full time NHS consultant with 9.5 PAs of DCC, 2.5 SPAs & 1:9 on call rota contributing delivery of all Renal Services in Leeds plus the following

EDUCATION - RCP Regional Adviser (Training) (2013 - date). Yorkshire Regional Specialty Advisor, Training Programme Director & STC Chair in Renal Medicine (2007-13). Former RCP tutor & New Cons. C'ttee Chair. Teach multiple under/postgraduate courses in UK & EU - highest feedback scores

RESEARCH - Supervise 2 post-docs, 1 PhD, 1 MSc student. External PhD examiner. Regular grant/paper reviewer. Appointed Honorary Clinical Associate Professor, Leeds University 2013. 15 peer-reviewed papers 2011-17. >1500 total citations

CLINICAL SERVICE - Lead pre-dialysis care for >500 patients. #1 UK preemptive Transplant rate. Prize-winning palliative care service to >100 pts; strong shared decision-making work; led to national & international roles. Also lead adolescent service & home haemodialysis (2x av'ge UK uptake)

MANAGEMENT - Internationally - Co-author European Guidelines on kidney disease treatment in frail & elderly (2016), & pre-dialysis education consensus; Nationally - Lead Clinician NICE RRT (Dialysis/Transplant/Consmgmt) Guideline (2016); led Shared Decision Making in NHS nephrology; developed decision aids; Renal Assoc Guidelines on dialysis prep'n/start/withdrawal (2014)

Name: PHILIP NEWSOME

GMC/GDC Number: 4228624

Speciality: MEDICINE

- I lead a world-class innovative, tertiary referral non-alcoholic fatty liver service (1562 patients/31% growth 2014-16) for West Mid/Wales underpinned by £14M NIHR/MRC clinical research programmes. In 2015 78% patients rated care as v.good/excellent. As UK lead for NAFLD on Lancet Liver Commission (2015) I set up national quality metrics. Excellent performance on local audit: 3kg wt loss, 37% achieved normoglycemia & 65% normalised ALT
- I chaired British Society of Gastroenterology group that produced UK guideline on management of abnormal liver blood tests to change UK practice, improve care & save NHS funds 2017
- Am Director of Centre for Liver Research (85 scientists) (2015) & Theme Lead on £12.2 million NIHR Biomedical Research Centre (2017-22); I hold £2.8M active grant funding as PI & lead 5.5M Euro EU programme grant which includes a cell therapy trial. Am Chief investigator on 4 global NAFLD trials; one published in Lancet 2016
- Am NIHR BRC training lead developing research-active NHS
 professionals & deliver educational programmes for hepatologists in
 UK/Europe as Chair of BSG Liver Section (2016 largest UK Gastro
 society that sets training standards; >3000 members) & EASL
 Governing Board member (2016; foremost Hepatology society in
 Europe; annual conf is leading international meeting with >10,000
 attendees)

Name: MER O'BRIEN

GMC/GDC Number: 2731720

Speciality: MEDICINE

Since 2012, as head of the lung unit, I have doubled outpatient activity, with few patient complaints. I do research to improve service and lung cancer outcome within a full time NHS busy job.

- 1. To improve the early detection of lung cancer I have expanded our respiratory diagnostic service to support local trusts meet two rule targets –a service not previously available.?
- 2. I do clinical trials with 35 ongoing in the lung unit (2015-). I initiated and am leading an international immunotherapy study post surgery at a minimum cost of 14 million euros. I am a member of the NCRN lung cancer Clinical Studies Group (CSG) in the UK (since March 2016) and I have just been awarded the title of reader by the University of London (ICR).
- 3. I mentor and supervise MD thesis students (10 to date); 2 students/year working on original projects which I have initiated and lead. These projects address clinical problems and translational hypotheses. This supplies the NHS with research trained young consultants.
- 4. Internationally I am a lung cancer key opinion leader and have had 2 elected terms of chairing the EORTC lung cancer group (March 2010-16) with rejuvenation of the group. I am an editor for the European Journal of Cancer (2013-). I publish 8 articles/yr, do 4 UK teaching lectures and 3 international conference activities each year.

Name: CHLOE ORKIN

GMC/GDC Number: 4406569

Speciality: MEDICINE

Since my 2013 Bronze Award I authored 43 publications and was promoted to Clinical Professor (2016):

- I led a world-first blood-borne virus (BBV) testing week (2014) in 9 UK Emergency departments (EDs) from Scotland to London identifying 71 BBV diagnoses & a Hep C prevalence 6x the national average. For this I made the Rainbow List (national LGBT achievement award) & was commended in WHO HCV testing and Quality in healthcare award ceremonies.
- 2. I run (2004-17) a commercial HIV Research unit and won a 2016 NIHR Research Principal Investigator (PI) award ranking in top 100 highest recruiting commercial PIs(UK). My Trust's 2016 CQC report praised the 'highly research active HIV/GUM unit who use research findings to drive improvements and are recognised as an example of outstanding practice'.
- 3. Chair of the British HIV Association (BHIVA) (2016) I drive best practice: I coauthored 4 current UK guidelines (2014-16): Anti-Retroviral Treatment, Malignancy, Testing & Hepatitis. I am on the Clinical Reference Group.
- 4. 2014-16: Invited faculty to international conferences (US and Europe). Chair of the BHIVA conference committee (3 years); SAC member & external examiner to the Diploma of HIV medicine(4 years). Training Programme Director of 4 green flag-winning unit (2016), Educational Supervisor of the Year nominee 2017(UCLP).

Name: JACQUELINE PALACE

GMC/GDC Number: 2821245

Speciality: MEDICINE

I RUN TWO WORLD RENOWNED NHS RARE DISEASE SERVICES

Delivery/Development/Management In addition to sharing a district general hospital load & being lead for a regional multiple sclerosis service, I run Nationally Commissioned UK Clinical Services for congenital myasthenic syndromes(CMS) & a neuromyelitis optica (NMO) service. My NMO group have recruited to 2 International treatment trials & characterised features of a new (MOG) antibody disease. In CMS, our world leading group has identified a further 6 new disease-causing genes, been at the forefront of promoting the life-transforming benefit of oral salbutamol, & acted as a centre of excellence for paediatric myasthenia gravis to cover a gap in National expertise.

Research/Teaching/Mentoring I maintain an extensive portfolio: 84 new publications; supervising many trainee doctors; & associated with >£3,000,000 grant income.

<u>Management</u> Council Member for the Association of British Neurologists; Neurology Clinical Reference group 2013-16; Board of the Charcot Foundation; Steering Committee for European MS Imaging group. Led Oxford's success to be a European Network Neuromuscular Diseases Reference Centre.

Chief Investigator of the successful 10 year DOH Risk Sharing Scheme aimed at delivering MS disease modifying therapies to UK patients in a cost-effective manner.

Name: JOANNA PEPKE-ZABA

GMC/GDC Number: 3632035

Speciality: MEDICINE

I have stepped up a level in leadership and clinical achievement at local, national and international levels with the following achievements since 2015:

- 1) I led Papworth's successful bid to join the prestigious of European Reference Networks (ERN-LUNG).
- 2) I initiated the only UK Balloon Pulmonary Angioplasty (BPA) Service and I am leading the Policy Working Group toward commissioning by NHS Eng. Under my leadership UK Chronic Thromboembolic Pulmonary Hypertension (CTEPH) program has grown to be an international exemplar of excellence. I work with CRG/NHS on pulmonary hypertension (PH) projects.
- 3) My research program has grown with major, joint bids with University of Cambridge for NIHR funding. I brought together an International CTEPH Consortium to build and optimise biobanking and collaborative clinical research in the UK, with major contributions to the world's knowledge.
- 4) My status as a world authority in pulmonary vascular disease with leadership in teaching, research and clinical standard setting was endorsed through authorship of clinical guidelines in PH and numerous publications in high impact peer review journals. I continued major educational output including regular contributions to BTS, ERS educational activities, Int CTEPH Masterclasses, Int PH Preceptorship.

Name: SHIRANEE SRISKANDAN

GMC/GDC Number: 3281628

Speciality: MEDICINE

National profile I lead UK research on the lethal bacterium, group A strep. Since my last award, my research provided the rationale to devise national guidelines to control group A strep in hospitals and maternity settings (2012) and has also featured on R4 'Today' (2015), and New Scientist (2017). I am proud to be medical advisor to the UK patient support group.

International recognition I am recognised as an expert on group A strep, publishing > 50 papers since 2008 and invited to give plenary lectures at 5 major meetings including opening the prestigious 2016 International Congress for Infectious Diseases.

Clinical Innovation in sepsis. I successfully established a sepsis biobank to underpin R&D in vaccines, diagnostics, and antibiotics, leading to our positive £4m bid for NIHR Health Protection Research Unit (HPRU) status, where I direct research to combat sepsis and scarlet fever. I am delighted that my research to target necrotising fasciitis has won the 2017 Discovery Fast Track Golden Triangle challenge.

Clinical Teaching & mentorship. Since my last award, I won the Rector's Award for Teaching Excellence (2009) for a highly rated MBBS course I run. As one of very few female Clinical Professors in Medicine, I directly contributed to our successful applications for Athena Swan Bronze & Silver awards (2013/16).

Name: MAARTEN TAAL

GMC/GDC Number: 4366733

Speciality: MEDICINE

Delivering patient-centred, safe and high quality care to all patients remains my highest priority. In challenging times this can be achieved only by constant reevaluation of the care we offer and strategies to improve quality without additional resources. To this end I have expanded my efforts to improve patient safety in our Trust, developed a successful clinical research programme and taken up a national leadership position to promote quality through multi-professional working. My most important achievements since my last award are:

- Developing a successful clinical research programme including the development of multiparametric magnetic resonance imaging to evaluate cardiac and renal structure and function as well as a national cohort study on chronic kidney disease that will form the first phase of establishing a national renal biobank.
- 2. Leading a team to monitor and improve the safety of care for haemodialysis patients that has achieved a 50% reduction in harm, sustained over 3 years.
- 3. Acting as the first Chair of our Trust Patient Safety Committee to coordinate monitoring and improvement of all aspects of patient safety. (2014-present)
- 4. Acting as President-Elect (2015) and President (July 2016) of the British Renal Society to promote research, quality improvement and patient safety through multi-professional working.

Name: GRAHAM TAYLOR

GMC/GDC Number: 2724953

Speciality: MEDICINE

Development of the National Centre for Human Retrovirology for patients with rare HTLV-1 diseases, with training and appointment of the next generation of Consultants to lead this service, and the forging of stronger international links. Since 2009 patient numbers attending the service have doubled to 345 in 2016/17 including an increase in patients with Adult T-cell Leukaemia (ATL) from 10 pa to 36 representing improved survival and increased referral.

Offering the first randomised clinical trial of ATL therapy conducted outside Japan to our patients (2014) and first demonstration of inflammation in the brains of patients with HTLV-1-associated myelopathy through positron emission tomography (PET) (2016).

Leading the London HIV Perinatal Research Group which encourages collaborative clinical research, provides research opportunities for trainees and a clinical forum for colleagues. From which has developed the current Wellcome Trust funded (2013 -) network for research into preterm birth in women with HIV infection.

The Award of DSc by Imperial College (2012) and promotion to Professor of Human Retrovirology (2013) are indicative of my clinical/translational research in this field over 25 years association with St Mary's Hospital. Since Jan 2009 I have co-authored 95 papers and successfully supervised 5 doctoral degrees.

Name: NICHOLAS THOMPSON

GMC/GDC Number: 3190353

Speciality: MEDICINE

I developed and am clinical lead for the Clinical nutrition service - we have one of the largest services for patients with Home TPN in the UK with one of the lowest catheter infection rates (the major serious complication); in June 2016 Newcastle was recognised by NHS England as the regional centre for Intestinal Failure.

I founded the Northern Nutrition Network; in 2012 I wrote and led a bid on behalf of the Network which was awarded joint 1st place in the national Shire Awards for Gastrointestinal Excellence.

Since Nov 2013 I lead an electronic communications group. We initiated electronic sending of 160,000 discharge summaries a year with centralised off-site printing of others. Over 90% of all clinic letters are now signed electronically, none previously. More than 4,500 internal "copy" letters are now sent electronically monthly. Delayed clinic letters have reduced by 45%. This has & will produce savings >£500,000/year.

In July 2015 I became Secretary of the British Soc of Gastroenterology. This involves membership of Education, Programme & Executive committees & Council. I am involved in organising the annual conference for over 2,000 delegates and lead the abstract submission and adjudication process; in 2016 there were 792 abstracts submitted across 11 categories. In July 2017 I will become Senior Sec of the BSG.

Name: ANDREW WARDLEY

GMC/GDC Number: 3340141

Speciality: MEDICINE

I am a leader in:

1. Systemic anti-cancer therapy (SACT)

- in Greater Manchester(GM) where I wrote 2015 SACT strategy to ensure safe high quality delivery of SACT (>60000 treatments increased >20000 since 2013)& deliver research closer to home
- in NHS England chemotherapy Clinical Reference Group leading the National agenda on SACT CQUINs of Enhanced Supportive Care (2016) & optimising palliative chemotherapy (2017)
- 2. Experimental medicine (EM). As Medical Director of NIHR Cancer Research UK Christie Clinical Research Facility (CRF) I
- lead cancer EM & growing world class EM across GM for newly formed Manchester CRF (awarded £12.5M 2016)
- am a leader in Christie Research strategy attracting £59M investment in 2016
- ensure safe treatment of 2913 patients in 676 studies with income of £7.04M in 16/17 (cf. 1804, 553, £4.81 in 14/15)
- 3. Breast cancer internationally where I
- lead trial development NCRI Breast CSG (2015-)& Early Breast Cancer Subgroup (2013-
- am on organising committee UK Breast Cancer Meeting 2013,14,15,16
 & Executive UK Breast Cancer Group (formed 2016)
- lead Manchester Breast Centre Medical Oncology Group (601 patients recruited 391 studies since 2013)
- 4. Developing teams & people including consultant colleagues & the Oncology Research Nurse of 2016 helping Christie become top specialist trust 2016

Name: DAVID WILLIAMS

GMC/GDC Number: 2982894

Speciality: MEDICINE

- National Roles: As chairman of NICE guideline for intrapartum care of high-risk pregnancies, led creation of recommendations to reduce maternal morbidity and mortality (2016-17). As chairman of NICE Topic Expert Group led development of national standards for management of hypertension in pregnancy (2012). As member of Independent Advisory Group, guide annual audit of maternal mortality in UK (2012-). Co-authored UK guidelines on prescribing in pregnancy (2016).
- Trust Role: Led and developed clinical care in maternal medicine, including 2 new regional clinics (i) rare diseases (2016-) (ii) gastro disease (2017-) in pregnancy.
- Research: Generated >£2m grant funding. Principal investigator of MRC project on epigenetics of obesity (£903k; 2016-). Chief clinical investigator of MRC trial to ameliorate pre-eclampsia (STAMP). Published high impact research, review articles and chapters. Chairman of 2 NIHR Clinical Trial Steering Committees.
- Education and Teaching: Preceptor for maternal medicine. Lead annual Obstetric Medicine Course (RCP London). Lead MSc on Pregnancy (UCL). Primary supervisor 7 PhD (4 awarded, 3 in progress), 4 MSc and 7 BSc students. Examined 15 PhDs and MDs. Invited speaker on research and clinical management in maternal medicine. Advisor to medical aid film on diabetes in pregnancy for low resource countries.

Name: MARTIN WISELKA

GMC/GDC Number: 2600828

Speciality: MEDICINE

Developing a national infection training programme. I am Chair of the JRCPTB SAC's in ID/Tropical Medicine and Combined Infection Training. I have developed and steered the introduction of the new infection training programme (2014), new curriculum and CICE examination. I am Editor for the ID Module of the RCP Medical Masterclass Series. Member of SCE and CICE question writing and std setting groups.

Representing Infectious Diseases nationally as President of the British Infection Association (BIA), representing over 1400 infection specialists. I represent BIA on BTS Joint TB Committee, ARK working group, National MDRTB Advisory Service and RCP joint Specialty Committee.

Academic and Research. Awarded Honorary Professor, University of Leicester 2015. CLRN Lead for ID & East Midlands pandemic research lead. National invited lectures including recent RCP Regional Updates, hepatitis, FIS and BHIVA meetings. Continued high profile research/publications. Member of HCV-UK Steering group. Associate Editor Journal of Infection.

Leadership & Devt of the Trust Infection Service. I established and Lead the Leicester hepatitis C Operational Delivery Network (ODN). I have introduced innovative clinical care including an Outpatient Antimicrobial Therapy (OPAT) service, hepatitis virtual clinics & outreach services and HIV family clinic.

Name: IAN WOOLHOUSE

GMC/GDC Number: 4023719

Speciality: MEDICINE

- 1. Appointed to senior clinical lead National Lung Cancer Audit 2013
- Led successful bid for £1 million 5-year contract to deliver the audit
- Implemented successful transition of new data submission via Public Health England
- Co-authored national lung cancer and mesothelioma reports demonstrating significant improvement in lung cancer 1-year survival from 31% in 2010 to 38% in 2015.
- 2. Appointed to co-chair British Thoracic Society Mesothelioma guideline group 2014
- Personally reviewed over 6000 abstracts
- Coordinated 19 guideline group members
- Guideline completed on time in Dec 2016
- 3. Appointed to chair British Thoracic Society Lung Cancer Specialist Advisory Group 2014
- Reviewed over 50 consultation documents
- Designed and chaired British Thoracic Society conference sessions
- Led state of the art review of the management stage IIIA disease
- Submitted neuroendocrine tumour guideline proposal
- 4. Research activity
- peer reviewed publications since 2013
- National study of lung cancer organisational factors
- Member of two national trial committees
- Reviewer of 30 journal articles and 5 national grants

Name: MELANIE DAVIES

GMC/GDC Number: 2497138

Speciality: OBS AND GYNAECOLOGY

Clinical care: My innovative service for cancer survivors with reproductive "late effects" of treatment is the largest in UK (>1000 patients seen personally in 5 years). For women facing sterilising chemotherapy, I initiated a rapid referral service for egg/embryo freezing. To transition adolescents with longterm conditions to adult care, I set up multidisciplinary clinics with oncology, haematology, endocrinology & metabolic medicine

Promoting best practice: I extended my role as Clinical Advisor to NICE guidelines to promote evidence-based practice; I engage & inform clinicians by launch meetings, lectures & publications, and patients through support groups & national media. In 2015 I founded & now Chair a national multiprofessional network to improve UK provision of fertility preservation

National contributor: I influence policy & regulation as Clinical Advisor to Human Fertilisation & Embryology Authority, member of NICE Fertility committee 2013, & national working group reducing multiple birth; my peers re-elected me represent them on RCOG Council 2011-14; current Council member Brit Fert Soc, Brit Menopause Soc.

Educational leadership as Advanced skills Preceptor for subfertility & menopause, and Director of the largest training programme in Reproductive Medicine. I nationally assess, role model & mentor subspecialists

Name: TRACEY JOHNSTON

GMC/GDC Number: 3104275

Speciality: OBS AND GYNAECOLOGY

Local - I continue to deliver high quality & highly evaluated tertiary maternal & fetal medicine. In 2015 I developed & now lead MDT review of all perinatal deaths in an objective, robust & systematic way ensuring causes are identified & lessons learned.

Regional - I am one of two obstetricians who, along with paediatric cardiologists, deliver regional fetal cardiology services including training - detection rate increased by 19% over last 4 years. I co-organised and delivered a highly successful Medical Disorders in Pregnancy course for the Royal College of Physicians in 2016

National - Since 2013 I chair the DH/NHS England National Maternity Fund Review Group. Under my leadership there have been significant improvements resulting in a more equitable system. Under my leadership as Chair, the design of a national standardised perinatal mortality review tool was completed. Working with the DH in 2016 I helped develop the tender specification & was part of the selection panel. I am now part of the MBRRACE Expert Working Group developing the tool & training. I am the BMFMS rep for BAPM

International - In April 2015, I was invited to be the sole obstetrician on an international multidisciplinary expert working group to develop international guidelines for fertility & pregnancy care for women with mucopolysaccharidoses

Name: CHRISTOPH LEES

GMC/GDC Number: 3487039

Speciality: OBS AND GYNAECOLOGY

HEAD HUNTED to recover tertiary fetal medicine at Queen Charlotte's/Imperial in 2013 after 4 senior consultants resigned, referring units defected & specialist unit status at risk. I instituted weekly team meetings & video MDTs, redesigned external referral protocols. Referrals 10% up within 1 year & met CQUIN target of 95% referrals seen within 3 days. In 2016 two major regional units started referring. Appointed 3 consultants & became Head of Fetal Medicine for Imperial (2014).

FOUNDED popular regional study evenings 2013- (Deanery subsidised/free to trainees) with national/international speakers. London's only regular update programme. Established weekly trainee journal clubs, annual basic ultrasound training & 'high end' annual Expert Fetal Medicine Course.

APPOINTED READER (Imperial College London) & VISITING PROFESSOR, KU Leuven 2014. Obtained £600K+ grant funding last 3 yrs, £2M grants pending, supervise 5PhD students. One MD awarded in 2016. 8 international plenaries 2013-15.

ELECTED BY COMPETITIVE INTERNATIONAL VOTE to Board, International Society of Ultrasound in Obstetrics and Gynecology (ISUOG) Board (2015). membership 14,000+. Chair, Perinatal Doppler & Vascular Imaging group (2013-) authoring guidelines & 2 textbooks. Safety Committee Chair (2017) led definitive RCOG guidance on early pregnancy ultrasound

Name: EDWARD MORRIS

GMC/GDC Number: 3336951

Speciality: OBS AND GYNAECOLOGY

I am a committed NHS clinician, delivering and developing high quality safe care locally whilst also promoting quality care nationally. The unit I lead has achieved and maintained full status as a National Endometriosis Centre since 2013. I also achieved full accreditation in the first wave of recognised UK Menopause specialists, and the first in East Anglia

In recognition of my National work in clinical quality and safety, including RCOG Clinical Quality Board and 6 years as RCOG regional rep on council, I was elected as Vice President, Clinical Quality at the RCOG in 2016

My most satisfying innovation has been the concept, funding, design and delivery of the website 'www.managemymenopause.co.uk'. This world first is designed so women can tailor menopause advice to their needs: over 10,000 women globally have read or downloaded their personalised advice and 74% of a sample of the first 5000 users found the site supplied the information they need

I believe patients should be at the heart of the design of their care. Endometriosis was deemed a priority area by the Chief Medical Officer in 2015. Working with her team and the Patient Group "Endometriosis UK" I surveyed 1800 members about their experiences. The resulting paper won its stream at the RCOG World Congress and is now the subject of a large qualitative research project

Name: TIM MOULD

GMC/GDC Number: 3297274

Speciality: OBS AND GYNAECOLOGY

Bronze 2008. Renewed 2012

I aim to improve outcomes for women with gynaecological cancers by improving treatment through research, organisation of cancers pathways, and training doctors.

- 1 Research: I am Chief Investigator of a multi centre international phase 3 trial in endometrial cancer. The question of the best surgery in this increasingly frequent cancer has been unanswered for 20 years. I developed the trial over 2014-16, achieving CRUK funding in 2016. It will run for 10 years. I have no dedicated research PA's.
- 2 Organisation: I have been Pathway Director for Gynaecology for London Cancer since 2012. I have achieved NHS London commissioning for GP's to request ovarian scanning in women with symptoms of ovarian cancer. This is beyond NICE recommendations. We have created and introduced best practice pathways in ovarian and endometrial cancer.
- 3 Training: I lead the training for gynaecological oncology at UCLH, am the London Deanery preceptor for gynaecological cancer surgery training, and assess gynaecological trainees and trainers nationally. I have organised the BGCS national conference in 2012, and am organising for 2018. I am on the faculty of the international gyn oncology surgery conference in Prague 2012 and 2014. I am editor of a book in pelvic cancer surgery published 2015.

All achievements since 2012

Name: TIMOTHY OVERTON

GMC/GDC Number: 3181357

Speciality: OBS AND GYNAECOLOGY

Local

I am 1 of 5 consultants providing regional tertiary fetal care. I have led significant developments in prenatal diagnosis with demonstrable patient benefit. My personal audited outcomes and feedback from staff and patients are excellent. I was made lead Dr in 2013 and Clinical Director in 2016. CQC inspections in 2014 and 2016 rated our leadership outstanding. In 2016 the CQC rated patient experience at St Michael's joint 1st in the UK.

National

I was elected President of the British Maternal and Fetal Medicine Society (BMFMS) in 2014, an internationally respected organisation representing >600 obstetricians. I have overall responsibility for the annual conference, peer review of all key national documents and high level political interaction. In 2016 we awarded £60K of research bursaries and in 2017 jointly funded a global health fellowship. I have had significant personal input into the National Maternity Review, Saving Babies' Lives and the Maternity Transformation Programme. I was elected onto the RCOG Council in 2016.

In 2015 I was asked by Public Health England to Chair the newly formed Expert Advisory Group overseeing all national congenital anomaly registers.

I teach extensively. Since 2012 I have run an overseas fetal medicine teaching course 5 times and been a key-note speaker at 3 international conferences.

Name: STEPHEN RADLEY

GMC/GDC Number: 3197635

Speciality: OBS AND GYNAECOLOGY

- Urogynaecology lead, gaining RCOG accreditation as a Specialist Unit in Urogynaecology (2014), RCOG –BAUS Lead: regional mesh implant complications centre (2016). Lead in collaboration with urology, colorectal and spinal injuries services in establishing Sheffield Pelvic Institute (2017) & currently leading research for MASIC (Mothers with Anal Sphincter Injury) national initiative.
- 2. Director of Research for the Academic Directorate of Obs, Gynae and Neonatology; Led design and implementation of strategic research plan delivering increased activity, exceeding targets for recruitment, grants & publications, whilst continuing to originate & collaborate in several areas of research.
- 3. Led development, validation and implementation in routine clinical use of ePAQ (electronic Personal Assessment Questionnaire) in women's health, pre-operative assessment, orthopaedics and vascular surgery. Related awards include Yorkshire & Humber AHSN 'Innovator of the Year' and 'Using Technology to Improve Efficiency'. ePAQ now used in 12 UK Trusts, with international use/interest; Ireland, Italy, Australia, USA, Canada.
- 4. Urogynaecology Training Programme Director in Sheffield; RCOG training centre re-accreditation (2016). Since 2014, Successfully supervised 2 subspecialty registrars, 4 current & 9 completed studentships (1 PhD, 8 BMedSci).

Name: BHARATI RANEE THAKAR

GMC/GDC Number: 4133403

Speciality: OBS AND GYNAECOLOGY

Achievements since last award 2013:

- Having previously focused on diagnosis and repair of obstetric anal sphincter injuries (OASIs) through research and training, I am now leading on a joint Royal College of Obstetricians and Gynaecologist (RCOG) and Royal College of Midwifery (RCM) national project funded by the Health Foundation with a view to minimising the rising rates of OASIs in the United Kingdom.
- 2. Elected as the International Fellows Representative of South Asia on the RCOG council (1/11/2016) and act as a liaison between the region and the RCOG.
- 3. I am actively involved in the leadership of the International Urogynecological Association (IUGA) having served as the secretary for 3 years from 2013. I was elected Vice President (President Elect) by the membership (1/1/2017) thereby being able to influence urogynaecology at a global level.
- 4. Appointed as the Clinical Business Unit Lead (1/11/2015) for the Obstetrics and Gynaecology department in Croydon University Hospital and have since made a constructive changes to departmental policy and governance.

Name: CLARE BAILEY

GMC/GDC Number: 3301182

Speciality: OPHTHALMOLOGY

Since bronze award in 2011:

As Clinical Director of the Retinal Treatment and Research Unit, Bristol Eye Hospital (2012-current) I have overseen a large expansion of retinal services, significantly reducing sight loss for our patients, embedding clinical research within the service. I have developed multiple pioneering IT-networked outreach retinal services bringing care much closer to patients' homes.

National policy development: Author on RCOphth guidelines for diabetic retinopathy (2012), RCOphth guidelines for AMD (2013). Expert representative for 3 NICE Health Technology Appraisals (2011, 2012, 2013). RCOphth advisor on 3 NICE diabetes guidelines (2012, 2015). Member of RCOphth Informatics/Audit committee 2010-14

Championed shared-care roles within ophthalmology, significantly expanding our team locally, and developing 3 national training qualifications for retinal disorders with the Royal College Optometrists (2013/14).

Significant involvement in clinical research: Chief UK principal investigator for 7 studies, as well as PI on a further 21 studies. First / top recruitment in the UK for 12 studies. Awarded NIHR leading commercial principal investigator for 2010-15, and 2016. Managing Trustee /scientific committee for Eye research charity NERC. 39 peer reviewed publications in last 5 years. Section editor for EYE.

Name: IAN PEARCE

GMC/GDC Number: 3493104

Speciality: OPHTHALMOLOGY

Significant contributions in all domains at regional/national level:

Director of Clinical Eye Research Centre (2015-date) and specialist expert advisor to NICE on 5 novel technology appraisals in past 5 years. MHRA specialist advisor on vitreoretinal surgical instruments.

Member RCOphth Professional Standards Committee (2015-date) and rep to DVLA Visual Standards Panel. Member of GMC working group to raise awareness of driving visual standards and responsibilities.

RCOphth Regional Advisor (2012-date) and chair of Merseyside STEC for ophthalmology. Programme Director for Medical Ophthalmology (2009-date), Vice-Chair national SAC for Medical Ophthalmology (2010-2016). Invited lecturer on 20 occasions in past 5 years to national and international audiences on retinal imaging, management of AMD, diabetic eye disease and uveitis.

PI for numerous global RCTs including first Phase III RCT for geographic macular degeneration (Spectri study with Lampalizumab). Steering committee member for national (NIHR Study of diode laser for diabetic macular oedema, Safari anti- VEGF switch trial in AMD) and international studies (Polaris for diabetic macular oedema, Brighter/Crystal studies for retinal vein occlusion). Chief investigator for UK 15 centre study of lucentis in DMO. Author of >50 peer reviewed papers and 3 book chapters.

Name: SUNIL SHAH

GMC/GDC Number: 3189726

Speciality: OPHTHALMOLOGY

Since last award:

Voted by peers to be in top hundred of those most influential in ophthalmology worldwide in 'The Ophthalmologist'.

In a fully clinical post with high academic output: 54 publications (37 peer reviewed) with a total of 113 peer reviewed publications with 4205 citations, google h-index of 34 and i10 index of 67. 6 publications with more than 200 citations. One of premier research groups on presbyopia and intraocular lenses worldwide and one of only 3 surgeons in the world working on femtosecond lenticular presbyopia treatments.

My surgical innovation has allowed development of surgical techniques from new instrumentation to do cataract surgery and implant lenses, to a new corneal transplant technique and a cross linking technique to allow treatment for very thin corneas. The techniques developed for paediatric corneal grafting have contributed to my exceptional results.

Sought after international speaker and teacher with recent speaking engagements in Australia, Vietnam, China, multiple times in America and throughout Europe. Wide variety of topics relating both to my clinical expertise but also to past and present research activities.

Name: DEEPALI VARMA

GMC/GDC Number: 5198677

Speciality: OPHTHALMOLOGY

SERVICE

Since my last CEA award I have been Lead for Macular degeneration service at Sunderland Eye Infirmary (SEI) recognized nationally for service excellence- nominated Macular disease society award (2013, 2014, 2015)

I developed 'Retinal Vein occlusion' rapid access form & Atlas used by community optometrists throughout UK

Deputy Director Innovation, City Hospitals Sunderland (CHS) I established partnerships with SMEs, universities, POs, AHSN leading to prototypes & national use of novel devices.

AWARDS

'Bright ideas in Health' Award by NHS Innovations North 2014

National Principal Investigator NIHR award 2015

2 CRN awards for commercial research 2014,15

RESEARCH

I have successfully pursued my role as Deputy Industry lead & Specialty Group lead Ophthalmology, Northeast & North Cumbria Clinical research network (NENC CRN)- Industry performance among top 3 LCRNs nationally; ophthalmology contributed 15% of all CHS recruitment 2016-17

National reviewer for NIHR portfolio studies & RCOphth journal 'EYE'

TEACHING

I am a National Faculty Trainer for Masterclass for Nurses & AHP' and launched National AMD preceptorship that attracted several units in the UK

I played a pivotal role nationally in launching ophthalmology Trainee research network-2015 & introducing GCP in curriculum - endorsed by RCOphth & NIHR.

Name: SIMON BAILEY

GMC/GDC Number: 3384727

Speciality: PAEDIATRICS

Full time research active NHS consultant & international expert in paediatric neuro-oncology. This is evidenced by:

- -European Chief Investigator (CI) for upcoming high risk medulloblastoma (MB) (commonest malignant CNS tumour in children) trial (International Society of Paediatric Oncology –SIOP), UK CI for infant medulloblastoma trial, executive board member European diffuse intrinsic pontine glioma Network (DIPG –brain tumour with very poor prognosis) and UK lead. Main advisor paediatric neuro-oncology Sub Saharan Africa. Numerous second opinions given for international colleagues.
- Clinical lead & co-director of large brain tumour research programme in Newcastle-research findings instrumental in producing the 1st international biologically driven brain tumour trial in children in Europe (Newcastle biological reference centre). More than £5.8 million in grant awards in last 5 years (£2.3 million since 2013) and 27 publications, majority impact factors > 6, since last award 2013.
- Chair NCRI paediatric brain tumour committee, UK MB Tumour group, Scientific advisory committee SIOP, head paediatric oncology department Newcastle.
- Leading role in developing treatment protocols in resource challenged countries with positive results. eg 20% survival improvement in Burkitt lymphoma (commonest tumour in Sub-Saharan Africa).

Name: JACQUELINE CLINCH

GMC/GDC Number: 3564190

Speciality: PAEDIATRICS

Medical Lead and co-founder of the Young Persons Pain Service, **Bath Centre for Pain Services** (BCPS) I have further developed this nationally commissioned rehabilitation unit to provide evidence based equitable treatment for families across the UK. Outcomes, reports and educational material are available for all at www.bathcentreforpainservices.nhs.uk.

A re-elected member to **NHSEngland CRG for specialised pain** (2016) I represent both pain management and young people's pain services nationally. Working alongside patient partners, commissioning groups and NHS England I have co-written national specification for specialised pain, led the development of NHS England dashboard and co-published national pain guidelines.

Having established a paediatric rheumatology network across the Southwest I developed dedicated rehabilitation centres for metabolic bone disease, orthopaedic pain, and rare rheumatological/dermatological conditions serving SW and S Wales 2015. I am national rheumatology lead for the **Paediatric Osteogenesis Imperfecta (OI)** service 2015.

I have secured **2 portfolio grants (SBRI, £999,778 RfPB £296,861)** evaluating medical adherence in adolescent disease(2015) and parent behavioural intervention(2013) respectively. I managed the Local Research Network and showed the highest paediatric research activity nationally (2014).

Name: GARY CONNETT

GMC/GDC Number: 3057438

Speciality: PAEDIATRICS

I maintain high level input into Southampton's 24/7 specialist paediatric respiratory services for the South of England. My leadership of Regional Cystic Fibrosis services continues to impact on patient outcomes as evidenced by ever improving national quality indicators.

I was appointed Head of School for Wessex Paediatrics in 2013. Under my leadership this post graduate training programme has been ranked first in England for overall satisfaction by trainees according to National GMC benchmark data and all training posts have been awarded the highest rating scores for quality and performance in relation to National standards for the last 2 years.

I have created the first UK School of Paediatrics and Child Health and lead the Paediatric Innovation Education and Research Network (www.piernetwork.org) thus transcending traditional interdisciplinary and organisational boundaries to provide meaningful multi-professional training across Wessex as an exemplar of best practice.

Since being awarded £200,000 in 2013 as Chief Investigator for a Rare Disease Translational Research Study to perform in depth phenotyping of cystic fibrosis biofilms, I have collaborated in a successful bid securing Wellcome Trust Seeding Drug Discovery awards to develop a novel antimicrobial agent for treating Pseudomonas lung infection.

Name: JUSTIN DAVIES

GMC/GDC Number: 4012357

Speciality: PAEDIATRICS

- 1. I lead the paediatric endocrinology service for Wessex (covers 3.7 million), organise network meetings, initiated formal on call (1 in 3) 2016. I established 2 new regional clinical services for children with a) complex osteogenesis imperfecta b) imprinting disorders (2015), + 2 new regional clinics (Portsmouth, Chichester) 2016. I wrote & developed business case for 3rd consultant-appointed 2016
- 2. Contribution to Department of Child Health: I established Southampton as a European Reference Centre for a) Endocrinology b) Rare Bone disease (2016). Appraisal lead for child health (co-ordinate 101 appraisals & appraise 16 staff over 12 months). Developed & curate electronic growth charts for the trust. Strategy: co-authored vision document for children's hospital & a concept paper on collaboration between children hospitals 2015-6.
- 3. National roles: Elected Chair of the British Society for Paediatric Endocrinology and Diabetes (BSPED) 2016. Local convenor for national scientific (BSPED) meeting, 2014. Member of 2 national guidelines groups a) paediatric pituitary adenoma b) late effects of cancer treatment
- 4. Research: Lead supervisor for an ACF, won Young Investigator prize at international meeting, 2015. Co-supervise 2 PhD students (2 x successful transfer theses 2016). 16-peer reviewed publications since last award.

Name: JAMES FRASER

GMC/GDC Number: 3330388

Speciality: PAEDIATRICS

I am Clinical Advisor to the NHS England national child death review program (2016-) informing: a. A Service Specification for a national child mortality database (written 2/2017) b. Standardised processes around regional Child Death Overview panels and hospital M&M meetings c. Work with families to produce national guidance for professionals and the public underpinning legislative changes.

I have been on the Council of the Royal College of Paediatrics and Child Health (2011-2017). In this role I have regularly attended council meetings, been a strong advocate of new governance reforms, and convened regional ACCEA meetings for 5 consecutive years. I am also an Invited Reviewer (2014-) and am on the RCPCH Consultation Panel (2015-16) for new NICE guidelines.

I am Honorary Secretary to the Paediatric Intensive Care Society (4/2016-). In this role I have worked with NHS Blood and Transplant to update national Determination of Death Testing forms (6/2016-2/2017), am participating in a working group examining burnout within paediatric intensive care, and am leading on a program of work to increase membership.

I have been Specialist Advisor to the Care Quality Commission children's workforce (2014-) on inspections to Guys and St. Thomas' Foundation Trust (9/2015) and the Royal Brompton and Harefield Foundation Trust (5/2016).

Name: JULIAN PAUL HAMILTON-SHIELD

GMC/GDC Number: 3056987

Speciality: PAEDIATRICS

- I have been deputy director of a highly successful NIHR Biomedical Research Unit in Nutrition (£4.5M) over the last five years and played a significant role in securing an NIHR Centre (>£21M) at my Trust (April 2017 onwards) writing a research sub-theme, the centre's industry strategy and assisting the bid's preparation.
- I have been highly active with NICE, sitting on Guideline development and Quality Standards committees (2013-15). I was awarded a NICE Fellowship (2016-19) and I am actively examining adherence to NICE guidelines in Obesity and Diabetes.
- Bringing novel devices to the NHS to improve patient care is now a
 major aspect of my translational work. I recently started (Dec 2016) an
 NIHR innovation award (i4i) (£750K) to improve the care of children
 with Urea Cycle Defects. I am also working with industry on devices to
 assess early dehydration in those on TPN and the elderly, those
 experiencing nocturnal hypoglycaemia and improving safety when
 managing DKA.
- Whilst in ESRF needing evening haemodialysis (transplanted late 2015), I maintained full-time clinical work in all aspects of endocrinology/diabetes and general paediatrics. My 360-degree assessments (5.3/6.0) patient and (5.4/6.0) peers, collected over this time (2015/16) demonstrate my continued commitment to excellent clinical care.

Name: KAREN HORRIDGE

GMC/GDC Number: 2855099

Speciality: PAEDIATRICS

1) Sustained excellence in clinical care: Consistently high diagnostic rates. Care pathways I have developed locally are now national exemplars.

- 2) Sustained commitment to leadership in child disability: Having led development of paediatric subspecialty of neurodisability, I chair the British Academy of Childhood Disability, setting the vision for this interagency collaboration with parents and voluntary organisations with national commendations. Led survey of impact of austerity measures on families with disabled children, covered on BBC news 2015. Contributed to numerous national guidelines.
- **3) National lead, Disability Data Matters:** Led development of SNOMED-CT coded terms describing the multi-faceted needs of disabled children and process for data capture at the point of care across settings; mandated nationally 2015, data flowing to NHS Digital.
- **4) Clinical lead, Disability Matters www.disabilitymatters.org.uk** Since 2013 led co-development of learning resources with disabled children, young people, parents and other experts that encourage all who work or volunteer with disabled children and young people to challenge and positively change their attitudes, towards better outcomes that families tell us matter to them. National commendations from government ministers, DH & DfE officials, NHS England, RCPCH president.

Name: CAROLYN (CASSIE) LAWN

GMC/GDC Number: 3299647

Speciality: PAEDIATRICS

I am committed to providing high quality tertiary neonatal services at Brighton and Sussex University Hospitals (BSUH) and in the Sussex Neonatal Transport Service (SNTS) and to developing safer services through training in Human Factors (HF). HF is enhancing clinical performance through understanding the effects of teamwork, equipment, workspace, culture and organisation on care delivery.

- I have been awarded grants of £175,764 since 2014 and have used these to support: the development 3 new in situ sim programmes at BSUH; HF courses; HF film; 2 new HF doctor posts and for a group of simulation (sim)/HF experts from Harvard University to visit BSUH (Sept 2016) to train us and advise on ways to develop the trust as a high reliability organisation.
- I introduced multidisciplinary daily neonatal intensive care safety huddles and cuddles. These have identified numerous potential hazards which were resolved before patient harm.
- I was elected chair of the Neonatal Transport Group (NTG)-the advisory body for all UK neonatal transport services in 2015. I have developed national adverse event reporting, a new website, represented NTG at national commissioning and hosted the NTG national conference in Brighton.
- : I developed a new national course: Neonatal, Adult and Paediatric and Safe Transfer and Retrieval.

Name: JAMES NICHOLSON

GMC/GDC Number: 3325757

Speciality: PAEDIATRICS

I have maintained high clinical standards, grown regional services and led the East of England Children's Cancer Network through NICE Guidance implementation, peer review & reconfiguration

I lead UK involvement in collaborative research in germ cell tumours (GCTs), working with colleagues in Europe, America & Asia to improve outcomes. I set up GCT translational research in UK, co-chair a European trial in central nervous system GCTs, combined UK & US data to produce a new risk stratification for extracranial GCTs & to develop trials across 4 continents, spanning age groups with prospective biology –I am now vice-chair of this consortium. I have also led a global consensus process for intracranial GCTs. I receive frequent requests for advice on patient management & invitations to speak on GCTs from around the world

As chair of Children's Cancer & Leukaemia Group (CCLG), the professional body for children's cancer, I have led developments in service, research, training & education at a national level, represented UK in Europe, & overseen growth of the CCLG charity, increasing research support & consumer engagement

I have advised NHS England on children's cancer, contributed to the national cancer strategy (2015) & as part of the Children/Young People's Cancer CRG, have been asked to chair the national paediatric service review

Name: MARY RUTHERFORD

GMC/GDC Number: 2928953

Speciality: PAEDIATRICS

My career aims have always been to improve the diagnosis and management of congenital and acquired brain injury using neonatal and fetal MR imaging. I developed the **first dedicated neonatal** and subsequently fetal brain imaging service and recently in collaboration with my obstetric colleagues set up a dedicated placental imaging service. Since my last award I have achieved the following:

Substantial grant funding inc:

Co-I on the Welcome ESPRC I-find project (£ 10 million awarded 2014) (www.ifindproject.com/) responsible for imaging protocols, analysis and interpretation

PI on the National Institutes of Health Placenta Imaging Project (\$ 3.2 million awarded 2015) (www.placentaimaging project.org).

Co-I on the European Research Council funded Developing Human Connectome (**15 million** euros awarded 2013) (www.developingconnectome.org/project)

I disseminate my knowledge and experience in this area by **training neonatal**, **obstetric and radiology fellows (grant funded)**

My **expert** neonatal imaging reporting service now receives over **300** external regional and national requests/year.

I am **PI** for the Human Developing **Brain Tissue Resource**, St Thomas' Hospital, KCL, with studies looking at histological and epigenetic processes in the normal and injured immature brain.

I have **200 peer reviewed publications**, 59 in last five years.

Name: RODERICK SKINNER

GMC/GDC Number: 2833615

Speciality: PAEDIATRICS

As a fulltime NHS research-active consultant (82 publications, >£5.4 million grants since last award 2007), I am

- 1) International expert in chronic treatment side effects causing serious morbidity & mortality in the rapidly growing number of survivors of childhood cancer & bone marrow transplant (BMT). High profile in renal toxicity research. Leading international evidence-based surveillance guideline development, changing clinical practice & improving outcomes. Chair of Late Effects Group of UK Children's Cancer & Leukaemia Group (CCLG)
- 2) Founder (2008) & Executive Board member of European PanCare society, improving long-term outcomes after childhood cancer by research, education, advocacy for optimal survivorship care across Europe
- 3) One of 2 key players in developing internationally renowned paediatric BMT Unit, 1 of only 2 UK units performing both immunology & haematology BMT. Sole paediatric haematology BMT consultant for 17 of last 21 years; low BMT mortality <10%, survival above UK average (British Society BMT [BSBMT] Commissioners Reports 2008-13). Head of Paediatric Oncology Department in my Trust 2005-13. As Chair CCLG BMT Group 2008-12; I led affiliation to BSBMT to improve governance
- 4) Editor of very popular paediatric haematology/oncology handbook (2010) recognised worldwide as major resource to trainees

Name: ORHAN UZUN

GMC/GDC Number: 4276153

Speciality: PAEDIATRICS

- Founded/led Welsh Fetal Cardiac Network 2014-17; facilitated a new cardiac anomaly screening tool "3 Vessel Trachea" for Public Health 2015-17 and achieved the best fetal cardiac anomaly detection rate & postnatal outcomes evidenced by the BMJ "Best Cardiology Team Award 2016". Introduced a new treatment protocol for ductus arteriosus in pre-term babies in Wales (2014) leading to a reduced surgical mortality from 15% to 0% with huge cost saving for NHS.
- Managed and delivered a flagship fetal cardiac service with the best outcomes evidenced by the CARIS/DoH audits (2013-2017). My service quality was nominated for RCP London "Excellence in Clinical Care Award" (2016). Secured funding for fully commissioning National Fetal Cardiac Service (2016). Achieved excellent patient satisfaction confirmed by the UHW Media Relation report compiled from published news/social media messages posted by the general public; "NHS Innovation Award" finalist for empowering citizens/patients (2016).
- Nationally/internationally I am at the forefront of teaching/training/research; delivered 34 invited lectures/41 presentations. I won "The Best Educational Supervisor and Trainer Award" Cardiff University (2013); Swansea University "Best PhD Research Prize" winner & "Impact Award" finalist (2015). I deliver 6 national/international CPD meetings/year.

Name: JUSTIN WARNER

GMC/GDC Number: 3309362

Speciality: PAEDIATRICS

Since bronze award 2013

I lead the National Paediatric Diabetes Audit (NPDA) for England & Wales (2011 ongoing) funded by NHS England & Welsh Government. Have overall clinical responsibility for this national project driving quality improvement (QI) by reporting outcomes on >27,000 diabetic children. Results demonstrate marked improvement in diabetes care reducing the risk of life threatening complications & financial burden on NHS. Audit reports have influenced radical recommissioning of diabetes services, national delivery plans & quality assurance in England & Wales.

Appointed by Diabetes UK as a Clinical Champion (2015).Locally I have secured funding for the first Paediatric Diabetes Schools Educator in Wales; post clearly required based on parent survey. I advise Welsh Government on the medical needs of children with chronic diseases during the school day.

I have established a Managed Clinical Network in Wales for Paediatric Diabetes embedding the concept in the Diabetes Delivery Plan for Wales (2015 ongoing), Vice-Chair steering committee.

As an NHS employee I have published 11 peer reviewed papers & delivered 35 invited lectures over the last 5 years. I teach nationally & internationally & designed the undergraduate training programme in paediatrics for my Health Board (2004-16) receiving excellent year on year feedback.

Name: NEIL WRIGHT

GMC/GDC Number: 3281185

Speciality: PAEDIATRICS

Examples of my commitment & achievements include:

- Our Diabetes service, of which I am lead, benchmarks well nationally (Ranked 2nd in 2013/14 NPDA audit & 4th in 2014/15 audit).
 Structured feedback (colleagues & patients) highlights communication as my key strength. Our obesity service is a leader in the North
- In the last 5 yrs I've benefited from £2.1 million in research funding (£300,000 for various projects & £1.8 million as a co-applicant on the Diabetes CLAHRC bid). I've employed 4 research nurses, supervised 3 student projects, a MSc & 5 PhD students (4 completed). I'm on the national NIHR clinical studies group.
- I'm committed to education nationally & locally. Until 2014 as Chair of RCPCH CSAC I took a lead role in curricula & training for endocrinology & diabetes. I'm an APLS instructor. Feedback from colleagues, students & patients supports my teaching expertise. I led development of the national Continuous Glucose Monitoring (CGM) education package and guideline for children and parents.
- Our NeSST research on nasal synacthen is the subject of a patent application and has attracted commercial interest in licencing the technology. Our WITHCARE diabetes project, a telemedicine innovation, was a competition finalist & has a Patent. Both hold promise for improved clinical outcomes & more cost-effective models of care

Name: SHUBHA ALLARD

GMC/GDC Number: 2941486

Speciality: PATHOLOGY

- Elected onto the Board of the International Society of Blood
 Transfusion (ISBT) in 2016 after chairing the Clinical Transfusion
 Working Party since 2014; completed a global survey of Patient Blood
 Management with development of web based resources sharing best
 practice amongst countries and established a new international
 Transfusion Practitioners group.
- Appointed Vice Chair of the British Society for Haematology (BSH)
 Guidelines Committee in 2016 (Chair from June 2017) after leading the
 Transfusion Task Force since 2012 with publication of several UK
 guidelines. Appointed as expert advisor for the National Institute of
 Healthcare and Clinical Excellence (NICE) Guidelines Centre.
- As Clinical Tutor for NHS Blood and Transplant since 2014 I have responsibility for national training programmes for haematology registrars; developed a transfusion training portfolio adopted as a UK wide training tool; completed book chapters, developed elearning tools and have developed a novel Transfusion App supporting bedside decision making by junior doctors.
- Successfully obtained funding for a Clinical Fellow and also supervising a Clinical Scientist undertaking a Doctorate in Transfusion Medicine.
 Co-investigator of the HTA funded SALVO study (ISRCTN 66118656) a randomised trial of cell salvage in obstetrics with recruitment of 3054 cases.

Name: SIMON CROSS

GMC/GDC Number: 2932291

Speciality: PATHOLOGY

1. Genetics of breast cancer:

Identified over 77 novel genetic polymorphisms associated with a significant risk of developing breast cancer

Identified a novel genetic polymorphism which is associated with 2x increase in survival following treatment for oestrogen receptor negative breast cancer

Produced combined risk score from 77 genetic polymorphisms which can be used to stratify women for breast cancer surveillance identifying a group at 3x risk of breast cancer compared with overall population

Shown that 11% of non-familial triple negative breast cancers have inherited mutations and so require referral for genetic investigation & counselling

- 2. Coeliac disease shown quadrantic biopsies and biopsy of the duodenal bulb increases the sensitivity of detecting coeliac disease. Demonstrated the existence of ultra-short segment coeliac disease. Developed specialist immunohistochemical and molecular testing for refractory coeliac disease
- 3. Providing a high quality diagnostic histopathology service reporting 2491 gastrointestinal and breast specimens a year with a median turnaround of 5 days (specimen receipt to authorised report) and 92% of specimens reported within 7 days
- 4. Editor of Underwood's Pathology (Elsevier 2013, 6th Ed.) won BMA Student Textbook Award from over 600 entered books at BMA Medical Book Awards 2014

Name: RAJI GANESAN

GMC/GDC Number: 4391791

Speciality: PATHOLOGY

Outstanding contribution to improvements in diagnosis

- In last 5 yrs, personal referrals totaling 1,384 cases (666 national referrals and 718 regional reviews) with positive impact on patient management by improving cancer diagnosis
- Average reporting time betters the 90% 10 day national recommendation
- Lead on national dataset of endometrial cancer and co-author of cervical cancer and tissue pathway publications: guide for pathologists

Ensuring high standards

 Organiser of the National Gynaecological Pathology External Quality Assurance (EQA) 2014+

Strong commitment to continuing education at all levels

- Commended by delegates for organising and managing 8 national gynecological pathology courses for consultant 2012+
- Positive feedback on consistent basis for all courses (national and international) run and taught by me
- Record of increasing course numbers: 56 to 80, at Birmingham Cytology Training Centre (BCTC) since 2012
- Dedication to learning experiences: 7 textbooks, curriculum development and e-learning

Dedication to research excellence

- Collaboration with clinicians and researchers resulting in 26 peer reviewed publications 2012+
- Publication on high-risk HPV in 'normal cervices' in older women potentially explaining cervical cancer in later life
- Contributions to design and delivery of 5 national trials

Name: SALLY KILLICK

GMC/GDC Number: 3335840

Speciality: PATHOLOGY

Despite not having academic sessions in my job plan and working in a busy district general hospital:

- 1. I continue to be a recognised national specialist in Myelodysplastic Syndromes (MDS) and Aplastic Anaemia (AA). I have lead roles on National Working and Advisory Committees, collaborating with colleagues around the UK to design clinical trials and write guidelines with the aim of improving patient care and outcome
- 2. I am the clinical author of a new national Patient Information Booklet for MDS. In 2016, this was adopted by 3 national charities Leukaemia CARE, Bloodwise and MDS UK Patient Support. It is now given out to newly diagnosed MDS patients in the UK
- 3. I am a named collaborator of an internationally renown research group in Oxford, which was awarded a large scientific grant by Bloodwise in 2014 (£1.8million). The work aims to further our knowledge in the molecular pathogenesis of MDS and identify new therapeutic targets
- 4. I am first author of two national British Society of Haematology (BSH) Guidelines in MDS and AA, which are the benchmark for multidisciplinary team (MDT) meetings nationally

Name: MICHAEL POTTER

GMC/GDC Number: 2925228

Speciality: PATHOLOGY

1) Stem cell transplantation (SCT)

- Programme Director of Royal Marsden (2004-17) largest UK centre.
 Only joint adult / paed post (UK).
- % increase in SCTs (2012-16 c.f. 2011-15) to >240 / yr.
- publications total (scopus), h index = 39 (g scholar).
- publications 03/12-03/17.
- National lead for SCT guidelines: lead / author on 6 published guidelines (2012-17).
- London rep. on NHS England CRG (2012-16). Lead on Veno-occlusive disease national commissioning policy - defibrotide now funded in Europe (EMEA) and UK as result of this work and my published guidelines.
- Lectured in Europe, USA, Asia, chaired international meetings USA (2014) / Europe (2013).

2) Haematology

- Head of 10 consultants (01/11-01/13 and 04/16 current) leading major department re-organisation (7 new consultant appointments since 2013).
- I developed ambulatory care saving 3700 bed days (approx £2.8M)
 2012-16. Approach used as exemplar for NHS.
- CQC (2017) haematology: good in all areas / outstanding in care.
- RCPath: lead examiner for haem malignancies (2000-17).

3) Senior management

- Associate Medical Director Trust / Division lead (01/13 03/16): budget grown to £100M+/yr.
- Learning from mistakes (2016) 3rd of 230 trusts.
- CQC (2017): overall rating: good (Sutton), outstanding (Chelsea).

Name: ROBERT WYNN

GMC/GDC Number: 3321416

Speciality: PATHOLOGY

- 1) The Blood and Marrow Transplant (BMT) Unit of which I am Programme Director has expanded in recent years from a local centre to a regional, national and international BMT referral centre with specific expertise in inborn errors of metabolism (IEM). Our outcome data as reported to BSBMT and commissioners and as published for Hurler are comparable with the very best results.
- 2) International collaborative research that I have both initiated and significantly contributed to has been recently published in several high impact journal communications and have greatly defined the role of BMT, particularly in IEM.
- 3) Manchester will commence a pivotal trial of *ex vivo* stem cell gene therapy in MPSIIIA in 2017, having secured significant funding. I have been involved in this bench-to-bedside translational work from its outset. This will impact greatly on future of BMT in IEM and benefit patients with other illness. Collaboratively, I have published first reports of 2 new conditions (SIFD in Blood, CPTS1 deficiency in Lancet Oncology) and later their genetics (in Blood and Nature respectively).
- 4) I have been chair of the national paediatric BMT Group for 4 years, that sets the standard for governance in this specialty, and set up video conferencing to improve immediate patient care, aid commissioners and reduce adverse incidents.

Name: MICHAEL SHAW

GMC/GDC Number: 2815905

Speciality: PSYCHIATRY

1. When I received my Bronze Award I was the clinical lead for the London Family Drug and Alcohol Court. FDAC is a collaborative 'problem solving' approach to care proceedings, where a specially trained judge works with a clinical team to improve outcomes.

Since my Award independent research has shown that FDAC delivers:

- Better outcomes for children and parents, and
- Better use of public money

This has allowed us to:

- 1. Establish the FDAC National Unit
- 2. Upscale FDAC, winning over £4M in new funding to create 12 additional FDACs
- 3. Ensure quality and fidelity to the evaluated model across sites by:
- Developing an intervention manual
- Developing a training programme and training over 100 clinicians and judges
- Developing quality standards, a rolling audit and a continuing professional development system
- Developing an outcome data system and monitoring outcomes across the country
- 2. Since my Award I have been part of a research team studying women who repeatedly have children removed by the state. We have published 9 papers, including one which won the 2016 Kay McDougal Prize and is in the top 5% of all papers captured since the launch of AltMetrics
- 3. Edited a book called *Justice for Children and Families: a developmental view,* which argues for checks and balances, which favour
- Fairness
- Protection
- Autonomy

Name: PETER TRIGWELL

GMC/GDC Number: 3337969

Speciality: PSYCHIATRY

I have created a unique national inpatient service to take the most severe, complex and intractable cases of Medically Unexplained Symptoms (MUS) from across the UK. I have developed a multi-faceted model, trained the clinical team, and demonstrated both clinical and cost effectiveness, culminating in the establishment of the National Inpatient Centre for Psychological Medicine (NICPM)

I have had an impact on national service development through work within the Royal College of Psychiatrists, NHS England, Dept of Health and Diabetes UK projects. The latter including the convergence of several workstreams leading to the mainstreaming of mental health care within commissioning for diabetes services

I have a national profile in teaching, training and research, with a lead role in securing substantial funding and carrying out high impact multicentre projects, and have made a broader contribution as an advisor to other centres (UK and International)

In the period since my last award I also worked as Clinical Director to develop and expand a range of ten specialist services, including multiple supraregional elements, and introduced structured outcome measurement with clear benefits for patients. Building on this, in several roles and in Framework production, I have had an impact on clinical outcome measurement at a national level

Name: IVOR CHESTNUTT

GMC/GDC Number: D 60051

Speciality: PUBLIC HEALTH DENTISTRY

I am the lead academic consultant in Dental Public Health in Wales. Between 2012 and 2017:

Service improvement: I provided the clinical leadership to research teams that have produced the evidence base to inform two NICE guidelines, (i) to local authorities on oral health improvement in vulnerable groups and (ii) for older people in care homes (2013-2016).

Service delivery: I initiated and have provided the academic leadership for the "Designed to Smile" national oral health improvement programme. This initiative has over 92,000 children tooth brushing daily in schools. The prevalence of tooth decay in Welsh 5 year olds has fallen from 48% in 2008 to 36% in 2015.

Research: I have delivered (2011-2017) the NIHR HTA funded "Seal or Varnish?" Trial. The largest ever Clinical Trial of an Investigational Medicinal Product conducted in Wales, this study followed 1015, 6 year olds for 3 years and has demonstrated that fluoride varnish is equally clinically effective and marginally more cost effective than fissure sealants in the preventing dental caries.

Leadership: I am Clinical Director of the University Dental Hospital, Cardiff (since Oct 2016). I was Associate Director of the Wales School for Primary Care Research and since 2012 have held £7,165,083 in research grants £1,719,592 as chief investigator.

Name: PAUL JOHNSTONE

GMC/GDC Number: 2821678

Speciality: PUBLIC HEALTH MEDICINE

- I led PHE's Ebola response in Sierra Leone (Spring 2015) and delivered a new emergency response programme for WHO. In 2016 I conceived and lead PHE's 2 year plan to strengthen the public health response (£6.2m DFID) in a complex reconstruction phase. I am PHE's executive for Sierra Leone in addition to regional role. Awarded Medal for Ebola Services to West Africa.
- I started / lead 'Due North', a collaboration of northern councils, NHS, voluntary and universities and commissioned a major review to develop new approaches to health inequalities. The review and movement is now embedded in national devolution policy, connecting 'health, wealth and inequalities' and local deals (eg Manchester, Liverpool, NE). Due North was one of 12 PHE achievements (2015 business plan). In 2017 I co-launched a new research network, Equal North with northern universities (550 members).
- I led / delivered nationally the local transfer of 12000 health visitors from the NHS to 152 councils. Working with PHE's Chief Nurse, NHS England, DH and the LGA, I engaged clinicians to develop new models of care. HMG's Major Project Authority awarded PHE green performance.
- I started/lead a 10 year partnership with Pakistan, co-chair its charity (North2North Health Partnership, No;1123805) which runs training and development schemes (funded >£300K projects).

Name: PAUL PHAROAH

GMC/GDC Number: 3183610

Speciality: PUBLIC HEALTH MEDICINE

Leadership in research: My research group has an international reputation for scientific excellence (H-index 104, 25,791 citations since 2012). CRUK programme rated outstanding in 2013. Founded the international Breast and Ovarian Cancer Association Consortia. PI on several multi-centre projects. Awarded the Radboud University John Gaunt Prize for groundbreaking studies on breast and ovarian cancer, 2016.

Contribution to quality: I developed PREDICT a tool for prognostication and treatment benefit prediction in breast cancer (http://www.predict.nhs.uk). The only such model to be endorsed by the American Joint Committee on Cancer it is routinely used by numerous NHS breast cancer units. Helped in the management of hundreds of thousands of patients in the NHS and worldwide (currently >21,000 uses/month)

2014: Responsible for design of an audit of 33,000 cancer patients treated by the Colchester Hospital University NHS Foundation Trust in my role as Member of an Independent Governance Review Committee.

Teaching leadership: 2013 –present: Director of Teaching for the Department of Public Health and Primary Care and Senior Examiner for the Final MB for the University. Responsible for the restructuring of public health teaching for the undergraduate and clinical medical students. Consistently high student assessments.

Name: GEORGINA RADFORD

GMC/GDC Number: 2500492

Speciality: PUBLIC HEALTH MEDICINE

As DCMO I operate at the most senior level leading one of the most complex professional environments requiring skill above & beyond every day practice

- 1. I provided public health leadership into the development of the Governments Childhood Obesity Plan, which is recognised as the most comprehensive plan in the world. This required careful application of expertise & building & managing relationships both nationally & internationally at a politically sensitive time
- 2. I have personally developed a national reputation in Health at Work advising the Dpt of Work & Pensions & Dept Health on the Govt Green Paper; Chairing the National Expert Advisory Group which has directly influenced policy; & influencing across Govt. In recognition I was appointed as DH Health at Work Champion
- 3. I had a national leadership role in managing the UK's response to Ebola response which was significantly above & beyond my expected role. This entailed working with expert advisers, Ministers & Number 10, liaising nationally & internationally, overseeing our national incident management. The fact the response was so well handled underlines the success of this work
- 4. I have developed an international public health reputation, being personally invited to speak at many events including WHO, COP 21, Rio; & being appointed as a WHO Expert Advisor on SDGs

Name: GINA BROWN

GMC/GDC Number: 3302602

Speciality: RADIOLOGY

- Developed bowel cancer imaging prognostic & predictive biomarkers which have enabled improvements in curative surgery rates (60% to >90%), reduced local recurrence (30% to <5%), use of radiotherapy (80% to 40%), permanent stoma rates (50% to 15%) & reducing rates of metastatic disease through intensive therapy & surveillance, resulting in overall improvements in survival & Quality of Life (QoL)
- Led initiatives to embed these in clinical trials engaging with patients throughout trial development to ensure that quality of life & survivorship priorities are addressed. I am currently chief investigator for >10 multicentre national and international clinical trials
- Conferred Professor of GI Cancer Imaging by Imperial College for leadership in research, teaching & clinical practice (2014). I have also been recognised nationally/internationally through renewal of my NIHR Senior Investigator Award, Fellowship of the American Society of Colorectal Surgeons (1st radiologist in their history) & leading the BMJ Imaging Team of the Year 2015
- Lead supervisor to 9 students currently, a further 9 have been awarded their degrees since 2012. I've developed internationally attended workshops for radiologists, surgeons and oncologists and been invited as an expert to develop, lead & teach on NHS improvement initiatives on five continents

Name: JOHN CURTIS

GMC/GDC Number: 3260128

Speciality: RADIOLOGY

- Awarded Royal College of Radiologists (RCR) Gold Medal 2017 the RCR's highest honour - awarded to a Fellow of the RCR who has made a significant contribution in their field in the UK or overseas. RCR Junior Radiologists' Forum Trainer Award 2014. This award by junior radiologists was in recognition of a significant contribution to regional and national teaching and training.
- Founding Vice President of the newly formed and popular British Society of Emergency Radiology 2015.
- With others, I have developed a collaborative on-call system for radiology registrars in the Mersey region significantly reducing the frequency of on call for trainees, improving efficiency increasing opportunity for training in the workplace by reducing days lost post oncall. This system has been widely adopted elsewhere in the UK as a result of our innovation. Robust quality assurance assessing reporting discrepancies together with formal education and consultant support ensures patient safety and training excellence.
- I have developed a mac computer room at my hospital for the delivery of radiology teaching for radiologists, doctors and professions allied to medicine - locally, regionally and nationally. This facility has been widely used, changing the way training is delivered in the new merged North West radiology training scheme.

Name: ASHLEY GROVES

GMC/GDC Number: 4013798

Speciality: RADIOLOGY

I am a Nuclear Medicine doctor specialising in imaging patients with injected radioactive agents imaged on PET scanners

Since 2012

Service Delivery Despite static Consultant numbers PET scans increased by 58%. To ensure standards I led audits & peer feedback- External audit of PET scan reporting *quality* confirms significant error rates <1%. Average Multidisciplinary Team *service* feedback score 4.8/5

Management Head UCL's Institute of Nuclear Medicine ranked top in UK (with Radiology) by NIHR 2015 RAND Analysis. Co-Lead NHS Department increasing efficiency synergising academia & clinical funds. Initiated North Thames Nuclear Medicine consortium improving regional service delivery

Research & Development Named on 46 papers & ~£28m of grants in past 5 years. I translate research into NHS practice. To introduce new imaging agents to transform patient care I drove the creation of a new GMP (safe for human use) PET Tracer Lab. Co-led introduction of PET/MRI into NHS practice; A novel scanner to improve diagnosis & to lower radiation doses

Education I advance patient/public education with UCLH stalls & Web videos. Work internationally with Buckingham University & nationally with City University providing education to trainees to address our specialty skill shortage. Nuclear Medicine Rotation Lead, UCLH Radiology Training Programme

Name: MALCOLM JOHNSTON

GMC/GDC Number: 4204592

Speciality: RADIOLOGY

Management: As the clinical lead for IR, I have designed and implemented a regional IR on-call rota and am the lead Interventional Radiologist on the regional Major Trauma and vascular network boards. As national CRG lead for the SE coast I helped steer national specialized commissioning in IR and lobbied for clarity of tarrifs in IR. I am a member of the All Party Parliamentary group on vascular disease.

Education: As Chairman of the BSIR education committee I lead the re-writing of the RCR IR training curriculum and have written/published an undergraduate curriculum for IR. As Director of Imaging education at BSMS I have recently completely re-written the radiology curriculum and personally deliver over 60% of the teaching. I have recently been invited to join the RCR undergraduate radiology committee.

Clinical: I perform 80% of the complex IR cases at WSHT (with only 40% of the job planned IR sessions). I have introduced new dialysis fistula, thrombolysis and post partum haemorrhage services and protocols to BSUH and WSHT.

Research: I have recently taken on local IR PI in 2 multi-centre vascular RCTs, and remain local PI and national CI in 2 other on-going trials. I have recently published 4 book chapters on imaging anatomy. I have worked with the BBC and national arts festivals on a number of public education events.

Name: JONATHAN RICHENBERG

GMC/GDC Number: 3497696

Speciality: RADIOLOGY

Since 2014:

Clinical Excellence: International acclamation for imaging and intervention in the male urinary tract: chair European Society Uroradiology (ESUR) scrotal & penile imaging work group, president elect ESUR prostate cancer working group. Highly respected, innovative local imaging service for men with suspected prostate cancer, reputation broadcast more widely through national media and national charities (PCUK). 'Game changing triage, fewer interventions, healthier patients, improved detection rates'

Leadership and Innovation: member of NICE Prostate Cancer (update) Guideline committee.

I translate my considerable clinical experience to improve, regionally, patient outcomes and experience as a member of the South-East Coast Clinical Senate

Research: member of European/United States steering group committee responsible for PIRADS, an internationally adopted and validated scheme for identifying and reporting suspected prostate cancer. One of my papers on this subject acclaimed in 2017 by European Radiology (>1100 citations). My Research Gate score >82nd centile.

Education: I helped establish a MSc integral to radiology training scheme. At international conferences, my lectures score >85% (delegate feedback); congresses that I organise have been heralded 'the best uroradiologic congress ever'.

Name: NICHOLAS SCREATON

GMC/GDC Number: 3498257

Speciality: RADIOLOGY

As lead radiologist for the National Pulmonary Endarterectomy (PEA) service I review all imaging studies, innovate, develop & spread expertise via specialist networks, international lectures & observers. My specialist interpretation is key to accurate diagnosis & patient selection. It underpins the success & outcomes for the world's highest-volume & lowest mortality service

As UK Lung Cancer Screening (UKLS) project Radiology Steering Group member & Papworth Co-principal investigator I managed a £326K budget, analysed all CTs, co-authored 2 high impact papers & was invited speaker at 5 National meetings. UKLS showed that UK CT screening is feasible, doubles curable cancers & is cost effective. It is a national first & likely to lead to National screening & save thousands of lives. I am now imaging advisor to Manchester Lung Health NHS implementation pilot

To improve NHS care & resource use I have developed 12 NICE guidelines as Standing Committee Member with first NICE Updates Programme & 16 Royal College of Radiologists guidelines as Chest Section Co-lead

Current Responsibilities: European Soc Thoracic Imaging Council [2017-20], British Institute of Radiologists Vice President (Publications) [2016-19] Royal College of Radiologists Faculty Board [2015-18] & British Journal of Radiologists Senior Editor (Chest) [since 2013]

Name: TEIK CHOON SEE

GMC/GDC Number: 4591247

Speciality: RADIOLOGY

- 1.Clinical care & innovation:Lead comprehensive regional hepatobiliary & interventional oncology services with highly respectable outcomes. Cointiated innovative intervention techniques optimising patient care. Lead Radiology Day Unit with Transforming Care Award
- 2.Safety & quality:Significant role in leading CUH to achieve & maintain UK Imaging Services Accreditation Scheme.Led CUH to become UK Exemplar Site in Intervention Radiology. Developed courses in safe practice nationally.British Society Interventional Radiology (BSIR) Quality & Safety Committee focusing improvement initiatives, lessons learnt & human factors.NICE & NIHR Specialist Adviser
- 3.Leadership:Lead East of England Intervention Radiology network for education, collaboration & service provision. Chair BSIR Audit & Registries Committee striving to high standards. National Steering Group in liver cancer radio-isotope therapy.Founder & committee of Eastern British Institute of Radiology
- 4.Education & research:Course Director Cambridge FRCR Course with national & international success.Scientific Programme Committee Royal College of Radiologists organising many quality scientific events. Examiner for specialist fellowship exam & undergraduate. Investigator in multiple national & international trials.Contribute to national training courses in other Royal Colleges

Name: KEITH ALTMAN

GMC/GDC Number: 3324392/D 055633

Speciality: SURGERY

Since my last award I continue to strive for excellence in my clinical work and have made a significant contribution to transgender facial surgery services by being recognised nationally as an expert in this area.

- 1. **Service innovations**: Pioneered and developed facial feminisation surgery in transgender women. Now the leading surgeon in the UK. NHS Northern Ireland refer all their NHS-funded patients to me.
- Medical staff development: Lead for Revalidation & Appraisal 700 doctors. Arranged training for appraisers. Significantly improved trust appraisal rates in 2011. Wrote trust's Appraisal Policy. Developed Revalidation Office. Appointed 3 members of staff. Procured new trust IT system. Invited member of Revalidation South East Cluster team which instigated revalidation systems in the South East.
- 3. **Leadership:** Award in Medical leadership of the ILM in 2012. NHS-focused on managing and leading complex teams. To support my Responsible Officer role I studied for and was awarded by examination the Diploma of Legal Medicine (DLM) of the Faculty of Forensic & Legal Medicine in 2014.
- 4. Faculty of Dental Surgery of the Royal College of Surgeons of England Board: I have now been an elected Board member of the Faculty of Dental Surgery since 2008. I was re-elected by a national ballot for a further and final 4 year term in 2014.

Name: KEYOUMARS ASHKAN

GMC/GDC Number: 4011040

Speciality: SURGERY

Clinical: As the Neuro-oncology Lead for King's Health Partners (KHP), since 2013 I took 59 unpaid theatre lists to ensure compliance with cancer treatment targets; introduced Genomics England's 100K Genome Project for brain tumours (2016); & secured over £140,000 from the Brain Tumour Charity to develop a flagship low grade brain tumour service (2016)

As the lead for deep brain stimulation (DBS) at KHP & based on nationally published data, I run a high volume, low complication service, the paediatric component of which is now the UK national referral centre

Management: I campaigned for adoption of brain tumours into the Genomics England's 100K Genomes Project & took over the National leadership of its Glioma Clinical Interpretation Partnership Board (2015). As the President of the British Society for Stereotactic & Functional Neurosurgery (BSSFN), & Chairman of the Neurosurgical Group of the International Parkinson & Movement Disorder Society (2016), I lead the development of best practice standards

Research: As an honorary Professor, in the past 5 years I had a grant income of £1,866,622. Since 2013, I produced 84 peer reviewed papers bringing my publication total to 380

Teaching: I run the European Continuing Medical Education Programme in DBS for dystonia & the European Course on Fluorescence Assisted Tumour Resection

Name: STEVEN BROWN

GMC/GDC Number: 3480173

Speciality: SURGERY

I run a high volume high quality broad coloproctology service delivering a 14 PA job plan with regular commitment to extra unpaid PAs. Quality assurance confirmed with continual self assessment maintaining outcomes well within national guidelines with excellent colleague/patient feedback.

I have developed a evidence based cost efficient service eg increasing minimally invasive surgery, reducing length of stay, instituting pelvic floor/IBD MDT working, streamlining Crohn's disease pathway + establishment of novel innovations.

I improve patient care with prominent National roles for Association of Coloproctology (Secretary, chapter rep, IBD CAG Chair) and Royal Society (Secretary, V-President). Other roles have enabled influence in training regionally/nationally + patient support (CCUK).

I have enhanced my research profile by involvement in grants of >£ 3.5 million, publishing about 5 peer reviewed papers/year, editing a popular textbook of coloproctology, speaking at about 6 national/international meetings/yr, reviewing about 12 papers/yr, and editor of 3 journals including Cochrane. I have been awarded an Honorary Chair for the University of Sheffield. Educational roles include organising several large courses/meetings, supervision of >60 doctors since 2012 (juniors, research fellows,consultants) and examining 10 theses.

Name: NEIL BURGESS

GMC/GDC Number: 3068584

Speciality: SURGERY

At my Trust:

I have a regional practice for complex stone and laparoscopic surgery with excellent audited outcomes (2012-17). As Ex-Chairman of the Consultant Staff Committee I support colleagues in difficulty (2012-17) and have conducted back to work programmes for both NCAS (2013) and our Trust (2017). I have lead investigations into serious untoward incidents (2014,15), am a Board Member on the Trust Council of Governors (2014-17) and the Trust Lead for the High-Intensity Specialist-Led Acute Care Project for NHS England (2014-17).

For the NHS:

- I completed 5 years as Programme Director and 5 years as BAUS Workforce Lead on the SAC in Urology in 2013. I established comprehensive data sets for the entire workforce that through the Centre for Workforce Intelligence influenced recruitment to Urology.
- As Chair of the BAUS Section of Endourology I developed operative training courses and established a national registry for percutaneous stone surgery (2012-17). In the last 5 years I have published 19 articles in peer-reviewed journals (2012-17) and have been an active Editorial Board Member for the British Journal of Urology International (2013-17).
- As Exam Board Chairman (2016-), Board Member (2010-15) and Examiner (2005-16) I helped develop and now administer the Intercollegiate Urology examination.

Name: SEAN CARRIE

GMC/GDC Number: 3300992

Speciality: SURGERY

Impact since last award:

Service Delivery

Opinion leader in rhinology overseeing a high quality tertiary clinical practice. My patient reported outcomes and surgical results are above peer. I have driven a progressive multidisciplinary minimally invasive pituitary/skull base service. I secured a grant of £125K to develop an innovative ambulatory surgical practice to reduce waiting times.

Leadership

My Presidency of the British Rhinological Society enabled me to take a leading role in developing the first national audit of emergency practice in ENT and to co-lead standards for the CQC. I am Chief Investigator of the first HTA commissioned (£1.2million) trial of nasal surgery. I am PI in 2 further HTA funded studies. Leadership roles in Royal College of Surgeons(SAC and Commissioning guide), ENTUK(workforce) and European Rhinological Society(President-elect). Co-editor of the leading international ENT textbook, 4 book chapters,16 publications.

Teaching

I lead innovative, annual sinus (15 years) and skull base (5 years) international surgical courses. Regular invitations to contribute internationally and nationally. Lead role in QA and curriculum for Specialty Advisory Committee in ENT with excellent national survey results. Awarded Hon Senior Lecturer status for excellent outcomes in both regional undergrad and postgrad lead roles.

Name: GRAHAM COOPER

GMC/GDC Number: 2930749

Speciality: SURGERY

- 1) As Honorary Secretary of Society for Cardiothoracic Surgery (SCTS) 08-13, President Elect 14-16 and President 16 on I have been at the forefront driving Quality Improvement and Transparency, demonstrated in the 6th National Cardiac Surgical Database Report. I was part of the team that received the BMJ Award for Best Quality Improvement in 2010 on behalf of SCTS. I have introduced a lay representative and ensured SCTS engages with key NHS priorities.
- 2) As Clinical Lead I led and introduced major changes to improve patient outcomes and experience: eg infection control measures that have cut our wound infection rate to 2.7%, half the National average, reduced length of stay and introduced day of surgery admission for thoracic surgery achieving a rate of 55%.
- 3) I achieve 97% survival in cardiac surgery with good patient experience, length of stay, complications. I specialise in surgery of the thoracic aorta, the multi-disciplinary clinic I run for these patients has doubled in size since 2007. Outcomes are better than the national average.
- 4) I give keynote lectures to national and international organisations. I have a broad training portfolio teaching on recognised courses for higher surgical trainees and am a specialist examiner. I wrote the chapter on coronary artery bypass for the Oxford Textbook of Medicine 5th edition.

Name: ASHLEY DENNISON

GMC/GDC Number: 2385435

Speciality: SURGERY

I have the largest series in Europe of total pancreatectomy and islet autotransplantation (TPIAT). External mentor to the Australian Government for TPIAT introduction

Co-author American Pancreatic Society meeting consensus document and on forthcoming International Guidelines for Chronic Pancreatitis. My clinical workload continues to increase and I perform the largest number of ERCP's, major liver and pancreas resections in Leicester. We continue to publish results for all major procedures equal to any in the published literature President Great Britain and Ireland HepatoPancreaticoBiliary Association, President Elect Pancreatic Society of Great Britain and Ireland. HPB lead Association of Gastrointestinal Surgeons Council

In addition to established research with Adelaide University, Baylor University in Dallas, Minneapolis University and Europe I have developed productive research links with Taipei University Taiwan, Nantong University, Shanghai China and Yamanashi University Japan.

Raised further funds to support research fellows for higher degrees. I have supervised 23 MD's, 2 PhD's and a BSc for research often involving international collaboration. I have published 385 peer reviewed papers (111 in the last 5 years) co-authored a text book on HPB surgery. I was awarded a Personal Chair from Leicester University in 2015

Name: NADER FRANCIS

GMC/GDC Number: 4591962

Speciality: SURGERY

Since my last award in 2014, I have achieved the following:

- Academic: I have taken up the position of visiting Professor at the University of Bath for my collaborative research with the University in the field of biomarkers in colorectal cancer (January 2016)
- Education and leadership: Appointed as the national tutor to lead the development of an educational portfolio for the Association of Coloproctology of Great Britain &Ireland (March 2015). Since then, I have completed a consultation process, defining the educational needs and gaps in training across all disciplines in the UK. I have also taken up the position of Director of Medical Education at Yeovil (August 2015) and provided educational leadership to ensure that medical education is fully integrated.
- Research: Awarded two grants including an European research grant to conduct a multi-centre randomised controlled trial on 3D in laparoscopic rectal surgery (2015) and NIHR bid on volatile biomarkers in detection of colorectal cancer (2017). I have presented and published widely and completed my second book on Training in Minimal Access Surgery (Springer 2015)
- Clinical: I have maintained full time clinical job, delivering excellent clinical service and continue to lead the enhanced recovery locally and nationally through the Enhanced Recovery after Surgery-UK Society.

Name: PETER GIANNOUDIS

GMC/GDC Number: 3707441

Speciality: SURGERY

Since my last award in 2012 I have achieved the following:

Clinical

Evaluated trauma service provision by organising patient focus groups leading to the establishment of DAY ONE Trauma Charity(founder);(http://dayone.uk.com)

Awarded grant £368,00 to expand DAY One Nationally (yorkshireeveningpost.co.uk)

Winner 2015 NHS Unsung Hero award; nominated by patients/families/public Delivering tertiary referral service for treatment of post fracture fixation complications/chronic pelvic conditions; providing an efficient high quality service to polytrauma patients (1.8 extra survivors out of every 100 patients); Unit ranked top 2 Nationally in terms of outcomes

Academic

106 invited lectures; 5 Visiting Professor titles 144 peer reviewed publications; 5 textbooks; 44 chapters BMA Medical book award 2015-Highly commented Supervising 5MD/3PhD/1BSc students Honorary FACS (2015); FRCS (Glasg) (2016) Reviewer of grant applications: NIHR, AR, Academy of Science

Leadership

Section Head of Academic Orthopaedics
PI 3 clinical trials
Chair of Day One
Chair OTA (USA) - International section
Academic representative Higher ST Committee
Run 3 Fellowship programs (AO, International, Erasmus)

Education

Chairman 6 local courses; Davos AO-Polytrauma course; AO European Masters-Limb salvage

Trained 39 fellows

Editor in Chief: Injury; Trauma Case reports

Name: FREDDIE CHARLES HAMDY

GMC/GDC Number: 3100611

Speciality: SURGERY

As a practising surgeon and clinical academic, I am focused on improving patient outcomes in urological cancers. My wider lead responsibilities in the University and Trust have led to measurable improvements in research and clinical service.

I am having impact on clinical academic careers through selection of future academics on the CR-UK Clinical Careers Committee, working on the Electoral Board of the Academy of Medical Sciences, and national mentor of academic trainees. I have made transformational changes to prostate cancer pathways with measurable improvements in length of stay and time to diagnosis. I led the Nuffield Department of Surgical Sciences to an Athena Swan Silver award in 2016, and surgical services to secure a 'good' rating from CQC at a recent unannounced inspection of the JR site at Oxford.

I published 2 papers in the *New England Journal of Medicine* in 2016 reporting the 10-year outcomes of the NIHR HTA ProtecT RCT (£40m) of surgery, radiotherapy and active monitoring in localised prostate cancer (>250,000 viewings in 6 months). The trial, largest of its kind globally of which I am Chief Investigator, with over 82,000 men tested in 10 years, showed no difference in mortality, but radical treatments reduced metastases and progression. The findings are driving change in clinical practice worldwide.

Name: JONATHAN HYDE

GMC/GDC Number: 3335888

Speciality: SURGERY

My contributions (locally & nationally) since my last award are extensive, without detracting from my commitment to the highest standards of care and continued development of the Unit. Below are 4 examples of the varied roles I have had since 2008:

- 1. POSTGRADUATE DEAN for CARDIOTHORACIC SURGERY in GB&I. 2014-19
- 2. PRESIDENT of RSM (Cardiothoracic Section). 2015-17
- 3. CHIEF OF SURGERY (BSUH NHS TRUST). 2009-11
- **4. PRESIDENT of SCPS** (The Society of Clinical Perfusion Scientists GB&I). 2010-14

In addition, my commitment to Education and Training include the following key National positions:

SAC (Specialist Advisory Committee) for Cardiothoracic Surgery (>10 years) as LEAD for the 2012 Curriculum (ISCP) and more recently LEAD for National Selection into the specialty.

I was also The Royal College of Surgeons NATIONAL SPECIALTY TUTOR for Cardiothoracic Surgery for 5 years. I sit on the INTERCOLLEGIATE SPECIALTY EXAM BOARD and am a FRCS(CTh) examiner.

My role for over 2 years as **CHIEF OF SURGERY** in the Trust was, in itself, a full-time job with enormous pressure and responsibility.

Despite these and many other contributions beyond my contractual obligations, my surgical throughput has been highest in the Unit for 10 of the last 13 years. I maintain a work ethic and commitment to clinical duties far in excess of my job plan.

Name: RICHARD IRVING

GMC/GDC Number: 3110931

Speciality: SURGERY

Clinical Service Development:

Over the last 5 years I developed specialist ear services **increasing referrals 200%** and **streamlining pathways**

Lead surgeon at **UK largest Cochlear implant** unit (180/yr) managing a **threefold increase** in referrals and increasing day case surgery (5% to 40%)

Incorporated 3 clinics into the Centre for Rare diseases developing **one stop** care models

Research and Innovation:

Instigator and lead on **NIHR award £1.3 Million** to develop a totally implantable Cochlear Implant. Project brings new research previously only done outside the UK adding to NHS intellectual property

Published **31 papers** in last 5 years contributing to ear research

Appointed Honorary Professor in bioengineering, Brunel University

Member UK **SDH collaboration** for evaluating the molecular genetics of paragangliomas

Education:

President of the British Society of Otology (2014-2016) delivered **2 annual meetings** and **2 courses** with **excellent feedback (6.5/7).**

Achieved **RCS accreditation** for the Combined Universities Course (2013)

Organise 2 International and 2 National courses/yr

President Elect of the RSM Section of Otology

Supervisor 1 MD & 1 MCh student

Management:

Lead clinician 3 regional cancer MDT's

BSO audit lead piloted a National Audit for Otology (2015)

Member NICE clinical guideline group adult hearing loss (2016)

Name: MICHAEL JENKINS

GMC/GDC Number: 3342442

Speciality: SURGERY

National

President of my specialist society - the British Society of Endovascular Therapy 2016/17

Council member of the Vascular Society of Great Britain and Ireland (competitive election) holding the post of Director of Communication 2013 to 2016.

Chair Circulation Foundation (the UK vascular charity) from 2016

Regional

- 1. Trauma Director, Major Trauma Centre St Mary's Hospital 2010-16. I led the bid to secure MTC status, set up the service and have subsequently developed it to be one of the best performing units in the UK. Since going live at the end of 2010, activity has increased tenfold. The national peer review in February 2014 concluded that there was "excellent leadership".
- 2. Director NW London Abdominal Aortic Aneurysm Screening programme. I was responsible for putting together the bid for Imperial to host this service and have led it since it started in 2011, increasing uptake from 65 to 78%.

Local

As Chief of Service for Vascular surgery between 2007 to 2012, I led the amalgamation of two units at St Mary's and Charing Cross whilst continuing a full clinical job plan. This involved reconfiguring the service to relocate colleagues, unifying the MDTs and job planning. I remain committed to my clinical practice which has become both busier and more complex with an increasing number of tertiary referrals (>70/year).

Name: TIMOTHY JONES

GMC/GDC Number: 3582776

Speciality: SURGERY

CLINICAL LEAD of one of the largest paediatric cardiac surgical programmes in UK. I deliver a very high quality service with outcomes equivalent and better than those reported in the international literature with the lowest Standardised Mortality Rate of any unit in UK (National Institute for Cardiovascular Outcomes Research, NICOR). We are an INTERNATIONAL tertiary referral center and over the last 3 years increased our activity by 10%

CLINICAL EFFECTIVENESS: I have made national and international contributions to the delivery of mechanical circulatory support (Cardiopulmonary Bypass & ECMO) focusing on patient safety, governance and education. I have also made significant contributions to service development and delivery within my organisation

R&D: Despite an intensive clinical workload I continue to make significant contributions through research and development. In last 3 years I have obtained £472,873 grant funding

TRAINING & EDUCATION: This remains a major component of my contribution developing and delivering undergraduate and postgraduate education within NHS and internationally. I am a member of SAC, chair of higher surgical training committee and member of School of Surgery. I have developed high fidelity simulation for human factors training for trainees as well as multidisciplinary teams within UK & Europe

Name: IAN KAMALY-ASL

GMC/GDC Number: 4036465

Speciality: SURGERY

In March 2016 I was elected as Chairman of the British Paediatric Neurosurgical Group. I am honoured to be elected by my peers to the most senior position in paediatric neurosurgery in The UK.

I was appointed to the paediatric neurosciences CRG in 2013 and was reappointed in 2016. I have already contributed significantly to the work of the CRG and have learnt a lot about the management of the services involved. I feel that there is ongoing potential for developing outstanding, effective and efficient paediatric neurosciences care in the NHS and I hope to achieve this through my continuing work.

I am the lead for simulation in neurosurgery and developed and organised the national boot camp for newly appointed trainees. This has been a tremendous success and I know that the feedback from the course supports this being an outstanding contribution to UK neurosurgical training and patient safety.

I developed a system of telephone updates for families whose children are undergoing long operations. This initiative was runner up in the Judges Special Award category in the Quality in Care Oncology National Awards. The positive feedback from our families for this initiative has been overwhelming and I am delighted that it has been recognised with a national award so that hopefully the practice can spread throughout the NHS.

Name: SIMON KENNY

GMC/GDC Number: 3461912

Speciality: SURGERY

National Clinical Lead for Paediatric Surgery, Clinically Led Quality and Efficiency Programme, NHS Improvement. In 2016 I was appointed competitively to this role (17 applicants) and have developed a Trust level report for every hospital Trust performing paediatric surgery and I am commencing clinical visits this year.

Clinical Director of Surgery, Cardiac, Anaesthesia, Critical Care 2009-2016. I led the directorate through financial and quality challenges together with implementing a new electronic patient record and moving into a new hospital in 2015. During this time we substantially redesigned our processes of care and created a child and family centred focus. Moved from CQC 'needs improvement' in 2013 to 'Good with outstanding for critical care' in 2015.

Chair, Outcomes Committee of British Association of Paediatric Surgeons. I have led on development of innovative cloud based clinical registries that link clinical databases, NHS numbers and mobile phone number to allow surgeons to receive parental feedback as well as monitor performance

Paediatric Surgeon. With colleagues we redesigned the morbidity and mortality process linking it electronically into Trust information governance systems as well as doubling the reporting frequency. We were shortlisted as HSJ Patient Safety team of the Year 2014.

Name: TIMOTHY LEES

GMC/GDC Number: 2914529

Speciality: SURGERY

- I have the highest number of finished consultant episodes in the vascular department, (Sept 15 to Feb 17). I do an extra clinical session to colleagues on the same PAs. I have a tertiary referral practice in all aspects of vascular surgery. I have low mortality and morbidity figures for the major vascular index procedures of aortic aneurysm (AAA) repair & carotid endarterectomy (national vascular registry).
- Under my leadership our directorate is one of the leading directorates for activity & income over the last year whilst maintaining quality. Surgery was graded Outstanding in the national CQC report June 16. I have many leadership roles as Clinical Director (2014-17) for General Surgery and provide leadership support for Vascular Surgery.
- 3. I have a regional, national and international profile in quality improvement in abdominal aortic aneurysm surgery regional lead, clinical lead in NHS AAA screening programme (NAAASP) quality assurance pilots, and member of Vascunet international audit collaboration.
- 4. In 2016 I was awarded a lifetime achievement award by the VSGBI I have contributed significantly to the wider NHS in many roles including executive member of Vascular Society of GB & Ireland, adviser & research lead for NAAASP, Chair of AAA QA Screening Group for Scotland, grant reviewer, adviser to NIHR.

Name: JONATHAN LUND

GMC/GDC Number: 3484751

Speciality: SURGERY

- 1. I provide a high quality, safe and innovative elective and emergency clinical service. 90 day survival after elective colorectal cancer resection is 100% for the last 4 years.
- 2. I provide excellent undergraduate teaching, evidenced by feedback and the 'Above and Beyond' award from the University of Nottingham. Podcasting gives my teaching a popular, worldwide reach. I also provide high quality externality for courses at the Hull York Medical School and University of Bangor, evidenced by feedback and extension of my role for a second term in York.
- 3. I provide high quality leadership in surgical training as Head of School of Surgery until 2015, and then as Chair of the Speciality Advisory Committee in General Surgery (2015 to present), recognised by the award of Fellowship of the Faculty of Surgical Trainers.
- 4. I have a strong research profile, with 67 peer reviewed papers since my last award, supervision of 15 higher degrees, success in funding application and becoming Editor in Chief of a leading journal in my area of interest.

Name: NICHOLAS MAYNARD

GMC/GDC Number: 3180514

Speciality: SURGERY

Since Bronze renewal 2013 I have contributed to Oxford University Hospitals Trust and wider NHS thus:

My leadership of the Oesophageal Unit has maintained our position in the national forefront of this specialty. My 30 day mortality for oesophagectomy is 0.9%, for gastrectomy is 0%, and 5yr survival for resected oesophageal cancer is 50%. I am on the "on call rota" for General Surgical Emergencies

As lead for Enhanced Recovery have reduced hospital stay for oesophagectomy by 43% from 14 to 8 days.

- As Clinical Director in Surgery rationalised emergency surgical services in Oxfordshire by concentrating all services on one site and appointing 4 Emergency Surgeons.
- As Chair of Clinical Services I have had multiple roles in the development, regulation and governance of the Association of Upper GI Surgeons. This has included being lead author of the AUGIS Provision of Services Document 2016, and being the lead for the National Oesophagogastric Cancer Audit.

I sit on the NICE OG Cancer Guidelines Committee

I teach regularly on National Upper GI Surgical Courses and lecture widely on oesophagogastric surgery. As a co-supervisor of two higher degree theses I have been associated with the latest research in my area of specialisation, resulting in my extensive publications on personalised staging of oesophageal cancer.

Name: NEIL MOAT

GMC/GDC Number: 2721761

Speciality: SURGERY

My valve repair rate for patients with degenerative mitral valve disease is >99.5%, with a 30 day mortality <1%. Outcomes are comparable with the best reported in peer reviewed literature. Documented high level of patient satisfaction.

The volume of transcatheter aortic valve implantation (TAVI) in the Trust 2012-16 has increased from 100 to 243 cases/year. Mortality has fallen from 4.6 to 1.7%, My contribution has been as Program Director since 2010 and a high volume implanter. We have a very large experience and international reputation for valve-in-valve TAVI for failing stentless aortic bioprostheses.

I have played a key leadership role at a national level in the roll out and commissioning and in the evaluation of outcomes through the UK TAVI Registry

I have driven/led innovation in the treatment of mitral valve disease and developed a multidisciplinary local program that includes a portfolio of surgical techniques and catheter based intervention that is unique within the UK and one of only very few worldwide to do so.

I have an international reputation for innovation/clinical outcomes research in the field of valvular disease. Evidence to support this include invitations to write Editorial's for both the New England Journal of Medicine and European Heart Journal and an invited Review for the Lancet (all 2016).

Name: VINIDH PALERI

GMC/GDC Number: 5179619

Speciality: SURGERY

I am a recognised international leader in head and neck surgery; my achievements since my bronze award in 2013 are:

- Service: I set up the first multidisciplinary transoral robotic surgery (TORS) service for throat cancer in the UK, lead largest UK TORS practice that regularly attracts national and international referrals. I am the only surgeon in the UK to offer TORS for recurrent cancers and sole UK based international proctor for TORS.
- Leadership: Chief editor for 5th edition of "Head and Neck Cancer: UK Multidisciplinary Management Guidelines" published in May 2016. Endorsed by 7 UK national professional stakeholder organisations (16,251 full text views, 1882 downloads across 15 countries) lead for NHS England TORS policy document, co-author NICE clinical guidance on head and neck cancers.
- 3. Academic: Awarded personal chair at Newcastle University. £1M grant funding, 66 publications, 13 book chapters, editor of head and neck volume (80 chapters) of major textbook, chair of research committee British Association Head and Neck Oncology, H index=30.
- 4. Teaching: Academic chairman for 16th British Academic Conference in Otolaryngology, 2018; 15 international lecture invitations, lead for 2 unique hands-on courses: TORS and head & neck interface fellows. Trustee for charity involved in ENT education, managing funds of £1.2M

Name: ANDREW PARRY

GMC/GDC Number: 3090680

Speciality: SURGERY

Clinical; I lead a busy, growing supra-regional cardiac surgery unit (10% last financial year) maintaining excellent outcomes markedly better than predicted. I have led the unit through an external review that praised our outcomes, mentored a new consultant to independence and am invited surgeon to other centres, national and international

Managerial; As governance lead, I have led the implementation of new guidelines immediately improving outcomes, halving the mortality in one operation. By direct patient engagement I have revised how we manage consent with patients that has been taken for consideration as a national standard

Research; I am Chief Investigator on a national multicentre National Institute for Health Research (NIHR) portfolio grant of a new heart valve that is the first multicentre interventional trial in congenital surgery in the country and am on the advisory committee for another national NIHR study.

National; I am reviewer for the Royal College of Surgeons Invited Review Mechanism for units in difficulty and College assessor for new consultant appointments. As examiner for the Joint Committee on Intercollegiate Examinations I regularly write questions, set standards and examine. As member of the Children's Surgical Forum I contributed to writing standards for emergency care of children adopted nationally.

Name: NICK PHILLIPS

GMC/GDC Number: 3285835

Speciality: SURGERY

Since my last award in 2012

Leadership:

- National neurosurgical lead for 'Getting it Right First Time' GIRFT NHSI Clinically led quality improvement programme, I have carried out
 a national review of neurosurgical service provision, personally visiting
 every one of the 24 neurosurgical units in England. Pivotal in informing
 service transformation for increased efficiency, enhanced quality of
 care. Identified service innovation and championed nationally.
- Council RCS (2015) Key contributor to using and improving surgical data (national audit, SNOMED), attracting and retaining surgeons, influencing and engagement.
- Council Society of British Neurosurgeons (2013), Chair national audit programme.
- Surgical lead for NHSE Proton Therapy Overseas Programme developed national chordoma audit informed peer review NHSE quality surveillance team.

Development:

- Service innovation, introduced new min invasive endoscopic techniques to improve patient experience and outcomes (dec LOS)
- European Diploma in Endoscopic Skull base surgery from the University of Paris (2016)
- Trained in hypofractionation in radiosurgery (2015)
- Sole provider open access (2016) Trigeminal neuralgia service.

Training:

• TPD Yorkshire and Humberside. Leeds trainees - 100% FRCS(SN) first time pass rate. Mentor - trainees in difficulty.

Name: JONATHAN REES

GMC/GDC Number: 3659713

Speciality: SURGERY

THESE 4 HEADINGS HIGHLIGHT MY UNPAID ACHIEVEMENTS SINCE LAST AWARD IN 2013

NATIONAL COMMITTEE WORK

Chair of the British Elbow & Shoulder Society (BESS) Research Committee 2014+15

BESS Executive Council 2014-18

National Joint Registry (NJR) Editorial Board since 2015

BESS NJR & Outcomes Lead 2015-18

NJR Implant Scrutiny Group since 2016

BOA Quality Outcomes Committee since 2014

NICE Specialist Advisor to Interventional Procedures Advisory Committee 2015-18

NATIONAL GUIDELINES 2013-17 I've co-written 3 more sets of national quidelines

BESS/BOA Patient Care Pathways (PCP) for Frozen Shoulder

BESS/BOA PCP for Shoulder Osteoarthritis

BESS/BOA PCP for Shoulder Instability

LOCAL + NATIONAL CLINICAL IMPROVEMENTS 2013-17

I've negotiated free donation of 5 new arthroscopic systems (£550k) to the Trust plus a further £100k/year saving on consumables. The project also allows wireless transfer of theatre images to electronic patient records.

I presented to NHS England the need for a national PROMS programme for shoulder replacements –result pending

I wrote the BESS Procedure Audit Guidelines for surgeon audits

RESEARCH + TRAINING 2013-17

I raised funds and ran a James Lind Alliance PSP for Shoulder Surgery producing the top 10 UK Research Priorities

I organised 2 National Research Symposium

I was made a Professor in 2014

Name: RAMNATH SUBRAMANIAM

GMC/GDC Number: 4454421

Speciality: SURGERY

Surgical Outcomes in Hypospadias

Largest contributor to UK Registry(NOAH); Low morbidity (vs evidence based)-distal 2%(15-20%) & proximal 12%(35-40%); 100% graft uptake in proximal cases(ESPU2017); LTH Trust Caldicott Guardian-Multicentre Hypospadias Outcomes project

Innovation

Pioneered Robotic Bladder reconstructive surgery in children (UK & Europe)-early return to feeding(12 v 72h), reduced hospital stay(3 v 7-10 d) vs open approach. First in UK to perform Retroperitoneal Robotic surgery. Only UK surgeon appointed Proctor for Robotics in Paed Urology; trained surgeons in UK, Belgium, Denmark, France

Management

Lead Clinician until Aug 2015; Secured funds-£1million for new Robot 2015 & £40,000 for US scan & Biofeedback eqpt 2016; Developed Assoc-Specialist LEAN model-addl >1200 cases seen in clinic/year; Negotiated theatre capacity@York DGH to help RTT; Developed care pathways with DGH to improve quality of care; Organised ESPU 2016 Congress @Harrogate, UK

Research

Completed my PhD in Regenerative Med & Tissue engg of bladder (2016); Lead in Pilot project-Clinical application of acellular biomaterials in urethroplasty (Collaboration with NHSBT); Supervisor-PhD &MD Research fellows; Secured £200,000 grant from IKC (Leeds Univ) for two Proof-of-Concept studies; PI- Phase III Solifenacin drug trial for Bladder overactivity

Name: JARED TORKINGTON

GMC/GDC Number: 3545434

Speciality: SURGERY

1) Surgery Locally and Nationally

- Local Lead Clinician colorectal surgery
- President Welsh Association of Gastroenterology and Endoscopy (WAGE)
- Represented Royal College of Surgeons of England to Welsh Government enquiry into Access to Medical Technologies 2014
- Elected UK National Representative to the European Society of Coloproctology

2) Service delivery/improvement

- Set up streamlined theatre rota reducing list cancellations to a minimum
- Set up dedicated weekly suspected colorectal cancer clinic between all clinicians
- Conception and leading team towards delivery of UK first laparoscopic chemotherapy programme
- Designated Medical Supervisor advanced nurse practitioners

3) Medical education

- Lead Clinician Welsh Institute for Minimal Access Therapy (WIMAT)
- Chairman of programme committee of International Colorectal Forum 2015-2017
- Faculty Motorway Course ACPGBI flagship training course
- Patron of Cardiff University Surgical Society 2014-2017

4) Research

- peer reviewed publications 2013-2017
- 3 book chapters in last 5 years
- Chief Investigator on 28 centre trial of wound closure and CI for first in human trial of a groundbreaking new method of smoke evacuation in laparoscopy
- Supervisor for PhD, MD Students
- Ext. PhD examiner for Imperial College London and Amsterdam Academic Medical Centre

Name: ROBERT WHEELER

GMC/GDC Number: 2973953

Speciality: SURGERY

- I have refined the anatomical details and the approaches to dissection in the surgery of childhood tumours, e.g. neuroblastomas, Wilms' tumours and teratomas; and publicised these nationally and internationally, using my operative data. I provide surgical advice on the national neuroblastoma panel for individual patients.
- I teach clinical law locally, regionally and nationally by various means; including since Jan. 2016, a monthly column in a surgical journal with a circulation of over 20, 000
- I chair Trust committees (i) scrutinising serious incidents, so we can learn from them; (ii) steering arrangements to safeguard vulnerable adults, so that we can protect their interests and dignity; and have helped create a Difficult Decisions Forum, dealing with patients whose path through hospital is problematic. These activities have led to my (honorary) appointment as Associate Medical Director.
- I provide a 24 hour on call service answering clinical legal enquiries for my Trust, enabling all clinicians to treat their patients properly, whilst conforming with the standards set by their various regulators. I have dealt with over 2000 enquiries, oral and written, since 2009.

Name: STEVE WHITE

GMC/GDC Number: 3664863

Speciality: SURGERY

LEADERSHIP-Lead 2 HTA islet transplant labs. One of the UK's leading authors having expanded its indications to trauma (largest world series) and performed the UK's 1st paediatric transplant in 2015. President Elect of the European Pancreas/Islet Transplant Association (2017). INNOVATION-Established an International reputation for laparoscopic HPB surgery published UK's 2nd largest series (100 cases-2014) and developed a Robotic HPB program performing UK's 1st robotic pancreas resection (2014). I have the UK's largest series of robotic HPB resections EDUCATION/RESEARCH-Developed a fellowship program with a £1.1 million grant (2008-2016). including Cancer Research UK Fellowship (2014-2016) & Royal College Of Surgeons Fellowship (2016). My group have won 4 National Awards (2015-2017) including the Lord Smith Medal at the Pancreatic Society (2015) & Kevin Burnand Prize (SARS 2016). I supervise an NIHR Clinical lecturer (2016-current) and MRES students. I have 56 publications and contributed to £6 million of grants in the last 5 years.MANAGEMENT Program Chair of SARS (2015-17) and member of ASGBI Scientific Committee 2013+, International Pancreas/Islet Association (2016) and British Transplant Society Education Committees (2017). I am on the National Pancreas Transplant Advisory Group 2016 and an NHSBT (Transplant) Peer Reviewer.

Name: TIMOTHY WOOLFORD

GMC/GDC Number: 3056114

Speciality: SURGERY

Since my bronze award my nasal plastic & reconstructive surgery practice has become, to my knowledge, the busiest in the UK. I perform over 100 tertiary septorhinoplasty, nasal and ear reconstruction cases annually. In 2017 an audit of my 191 consecutive nasofacial flaps has shown a failure rate of less than 1% comparing favourably with international centres. Since 2010 I have trained 3 UK and 4 international clinical fellows.? My expertise in this field is reflected in numerous invitations to lecture and teach nationally & internationally including in 2016-17, the European Academy of Facial Plastic Surgery, the American Academy of Otolaryngology, World Congress of Rhinology and the Australian, Israeli & Indian national meetings.

In 2012 I was Academic Chair of the British Academic Conference in Otolaryngology. The conference achieved highly favourable feedback. 85% of delegates rated the educational content 'excellent' or 'above average'.

In 2014 I was elected as President of The ENT Facial Plastic Surgery Society. Under my leadership this society became established, with a membership of over 300 and 2 national educational meetings.

I was awarded a Clinical Chair at Edge Hill University in 2016 and lead an MCh in Rhinology & Facial Plastic Surgery. The course was validated by the UK University Board in 2016

Name: KAMLESH KHUNTI

GMC/GDC Number: 2987198

Speciality: ACADEMIC GP

Clinical: Practice lead for research, quality assurance & PPI group; led the practice's RCGP Quality Practice Award(2013). Led the implementation of the NHS Health Check Programme in Leicester CCG and helped organise diabetes services in CCG (Intermediate Care Diabetes Service) & evaluated a primary care model of diabetes care being commissioned by CCGs. Led research into logistics of screening for diabetes & vascular disease in multiethnic population and prevention programme in UK.

Research: Since 2011 I have held £79 million in grant income (£34 million as PI). Received national/international awards including NIHR Senior Investigator (2013) and Fellow of Academy of Medical Sciences (2016) prestigious Sardar Vallabhbhai Patel Award from India (2014), rated in the top 25 most influential GPs (2014), top 5 most influential diabetes researchers globally through publication by Expertscape (2016) and Health Services Journal Top 50 BME Pioneers (2013). Since 2011, published over 290 original papers in high impact journals including NEJM, Lancet & BMJ.

Leadership: Director of Leicester Diabetes Centre, Director Leicester CTU (since 2012), Director NIHR CLAHRC East Midlands (since 2014), Director East Midlands BME Centre (since 2014), Director BMJ Diabetes Diploma, Chair NICE Screening & Prevention Guidelines (2012).

Name: AMBER YOUNG

GMC/GDC Number: 3181694

Speciality: ANAESTHETICS

- 1. My career has been to improve the outcomes of burned children through standardisation and evidence-based care. I have the honour of giving the British Burn Association (BBA) 'Wallace' lecture in 2018 " given by an individual who has made a significant contribution to burn care". I have metastatic breast cancer. I work full time despite current weekly chemotherapy. I will do so in the years ahead.
- 2. Clinical excellence: I have improved patient outcomes to better than UK benchmarks with innovative burn care published 2014. I was key to improving patient outcomes and experience as Trust lead for moving children's services to a new Trust 2014 and as lead for the first South West Paediatric Trauma Centre (set-up and re-designation 2014/15): top ranked nationally 2014.
- 3. Leadership: I was BBA chair 2014-16, first NHSE Burn Clinical Reference Group chair 2012-16, first UK Burn Network children's lead achieving Operational Delivery Network change 2014. I co-led a national skin loss strategy 2015-16.
- 4. Academic: I achieved an NHS PhD Fellowship 2016 (35 successful out of 179), set up a research team achieving £1.93million funding 2013-17, am clinical lead on an MRC infection diagnosis project, was a key contributor to the Scar Free scientific strategy (chair B. Keogh) and lead a UK burn outcome enquiry 2012-17 which will change patient care

Name: GRAEME BLACK

GMC/GDC Number: 3261930

Speciality: MEDICINE

My role is as clinician, academic, and strategic leader. I am committed to using my position for public and societal benefit.

My major clinical contribution has been to improve care for patients with inherited eye disorders (IED) by:

- Modifying care pathways, improving access and removing barriers
- Developing and implementing genomic testing for IED to transform diagnosis, which contributes to improved management / treatment & increased entry into gene therapy programmes

As a researcher, I use basic science approaches to gain fundamental insights into IED pathogenesis. This has direct translational benefit:

- publishing evidence (74 publications since 2012) on utility & health economic value of genomic medicine
- undertaking trials of novel therapies (e.g choroideremia gene therapy)

As a senior clinical manager (I am strategic director) of the Centre for Genomic Medicine, I ensure that personalised medicine innovations are implemented to enhance clinical effectiveness. Our team comprises >250 staff (25 consultants) and leads regional delivery of the 100,000 genomes project.

As a collaborative leader, I am a coordinator (2017) of the European Reference Network for rare eye disease; lead the UK retinal disease consortium (2014). As a Fellow of the Academy of Medical Sciences I provide mentorship for clinical academics.

Name: CARLOS CALDAS

GMC/GDC Number: 4274278

Speciality: MEDICINE

- 1- Cambridge Breast Unit Academic Lead, delivering outstanding survival outcomes (10 year BCSS >80%)
- 2- Director, Cambridge Cancer Centre Breast Cancer Program (2016-), managing clinical/translational research funds (£1M p.a.) to benefit NHS patients (e.g. Cancer Molecular Diagnostics Laboratory, novel therapies, cancer imaging), and securing Personalized Breast Cancer Programme funding
- 3- Leading CCC participation in international quality-assured reviews and organisations: OECI Comprehensive Cancer Centre accreditation (2013); European Academy of Cancer Sciences 'Excellence' designation (2015 pilot); Cancer Core Europe co-founder and Board of Directors
- 4- Recognition for clinical-translational research excellence: ESMO Hamilton Fairley Award (2016); European Molecular Biology Organisation Member (elected 2015); European Research Council Advanced Grant (2016 award). These awards underpinned by: 150 peer-reviewed publications in last 5 years, including senior author papers in Nature (5), Nature Communications (3), Annals of Oncology (2), New England Journal of Medicine, Cell, Science Translational Medicine, Lancet Oncology; applicant/co-applicant in grants totalling >£40M since 2013; discovery of biomarkers that change clinical practice (e.g. sparing patients unnecessary treatment, improving tumour monitoring with ctDNA)

Name: ELIZABETH MARIE CARLIN

GMC/GDC Number: 2957740

Speciality: MEDICINE

Clinical

I deliver excellent clinical care that is safe, cost-effective & patient focussed. I have developed tools that are used nationally to support successful tender outcomes & worked with stakeholders to protect patients and shape sexual health services across England.

Quality

I designed & implemented a new integrated sexual health service with 48hr access & increased safety & efficiency. Nationally, on the PHE Outbreak Control Team I have acted to limit antibiotic-resistant gonorrhoea & promoted responsible antibiotic use.

Leadership

As President of the British Association for Sexual Health & HIV (BASHH) I lead the strategic direction of the UK's main specialist sexual health society & have raised the specialty's profile to influence government & key decision makers. I secured DH assurance on STI confidentiality & had success in HPV vaccination agendas.

As Chair of the BMA/Trust Local Negotiating Committee I led the staff-side in CQC reviews & improved staff engagement. I have benchmarked employment conditions & developed negotiation skills in others.

Education

As Chair of the Joint Specialty Committee I steered specialist training & improved recruitment. I have produced CPD material & written the European guideline on sexually acquired reactive arthritis. My social media programme has increased professional & public engagement.

Name: KEITH CHANNON

GMC/GDC Number: 3280342

Speciality: MEDICINE

- Director of the NIHR Oxford Biomedical Research Centre (BRC), leading the successful renewal of the Oxford BRC in 2016 (£114m 2017-22), and the Thames Valley & South Midlands NIHR Clinical Research Network in 2013. Director of R&D, Oxford University Hospitals NHS Trust (2012-) and Associate Head for Clinical Research of the Medical Sciences Division, University of Oxford.
- Lead of the new NIHR Cardiovascular Partnership across all BRCs in England, (2017-), working with BHF and BCS. NIHR Senior Investigator, renewed 2015.
- BHF Personal Chair Award in 2016, following appointment to Field Marshal Earl Alexander Professorship of Cardiovascular Medicine, University of Oxford in 2014. Fellow of the Academy of Medical Sciences. Co-applicant in Oxford's BHF Centre of Research Excellence award (2013-).
- A high-volume interventional cardiologist (top 10 % of UK) with published outcomes in 5 years to 2016 significantly superior to predicted (>95% CI). Important contributions to service development, quality, training and both clinical and basic research in coronary artery disease and percutaneous coronary intervention, including the Oxford Acute Myocardial Infarction (OxAMI) Study. Strong publication record in leading international journals- >300 papers, 126 since 2011, h-index 66.

Name: NEIL GITTOES

GMC/GDC Number: 3459937

Speciality: MEDICINE

- 1 Appointed Hon Professor & Head of translational research centre amalgamating 3 large NHS Trusts & Univ Bham (CEDAM BHP, 2016)). Lead on successful bid for BHP to become designated European Reference Network Centre for rare endocrine & bone diseases-Europe wide patient care & research in rare diseases.
- 2 Multiple national roles: Vice-Chair Specialised Endocrinology Clinical Reference Grp (commissioning), NHSE-personally derived natl drug access policies & clinical quality dashboard (16). National Clinical Lead NICE Guideline on Primary Hyperparathyroidism (17) & expert advice to NICE & Health Technology Appraisal author.
- 3 Trustee & Clinical Chair National (charity) Osteoporosis Society (15) focussing on fracture prevention. Lead on introducing universal fracture liaison services (FLS) across UK & Chair FLS National Standards. Already direct beneficial impact on 5.4 million population-projected reduction in 1,932 hip fractures & gross benefit in system savings £38.6M.
- 4 WM Clinical Senate Vice-Chair (16), NHSE assuring major clinical service reconfiguration. Central contributions to city-wide reconfiguration & strategic delivery of services-high level representation on System Resilience Grp, Sustainability & Transformation Plan grps, A&E Delivery Board-new models across primary/secondary care to reduce A&E demand.

Name: M T KEARNEY

GMC/GDC Number: 3335211

Speciality: MEDICINE

I am a British Heart Foundation (BHF) Professor.

Academic leadership

Since my last award I have been promoted twice; 1st to Foundation Director of Leeds Institute of Cardiovascular and Metabolic medicine (LICAMM) and in 2016 to Deputy Dean Leeds School of Medicine. As Director of LICAMM I led the development of a Centre which now has: 2 BHF Chairs, 2 Wellcome Trust Investigators, an ERC consolidator, 3 BHF Intermediate Fellows, a Diabetes UK RD Lawrence fellow, an MRC new Investigator, an NIHR Clinician Scientist, 5 BHF programme grants, 2 BHF 5-year projects and a BHF PhD programme.

Strategic leadership

As Director I led the move and integration of 3 groups and their undergraduate/postgraduate degrees into LICAMM maintaining student satisfaction >90% and increasing applications. Research grant income increased in LICAMM by >£3M per annum. As Deputy Dean I am responsible for School strategy and budget I lead >1300 staff.

Research leadership

Since my last award I have obtained >£2M in grants as PI, served on editorial boards of Diabetes and Heart, was member of the BHF Fellowships and British Cardiovascular Society Academic committees 2013-2017.

Clinical leadership

As lead for heart failure services I run a research based clinic with outstanding outcomes, recruiting >1500 patients to NIHR studies (e.g. Witte JACC 2016).

Name: AJIT LALVANI

GMC/GDC Number: 3327948

Speciality: MEDICINE

As Founding Director, NIHR Health Protection Research Unit (HPRU) in Respiratory Infections, I established in 2014 a highly successful £3.5m multi-institutional interdisciplinary partnership (NHS, Public Health England [PHE] & Universities) to lead public health research to protect the nation from serious infectious threats to health incl. flu, TB & emerging pathogens

I defined the strategy, technology, evidence and cost-effectiveness of the new £10m pa PHE/NHS national programme for new-entrant latent TB screening (PHE/NHS Collaborative TB Strategy 2015-20 & NICE 2016). Several EU nations are set to adopt this model. I am now delivering quality improvements in this new service to increase screening uptake in marginalized immigrant communities

By identifying the natural mechanism of protection against pandemic flu, I discovered the blueprint for universal flu vaccination (Nature Medicine 2013). With PHE I am evaluating the £100m pa nasal spray flu vaccination programme being rolled out to all UK children since 2015

As Vice-Chair, Royal College of Physicians (RCP) Research & Academic Medicine Committee (since 2014), I support and embed clinical trainees' academic development in national training programmes and foster engagement with research across the wider NHS. As HPRU Director, I mentor the future public health workforce

Name: PRAFUL PATEL

GMC/GDC Number: 3189434

Speciality: MEDICINE

Since last award in 2013

- 1.Clinical Regional/National-one of the best performance outcomes for a whole series of highly complex therapeutic endoscopy, first in UK to introduce full thickness bowel resection endoscopically (FTRD)-BSG award, setting up national registry-advising NICE, with top (100%) patient feedback scores & one of the best (360* 5.7/6.0) colleague feedback ratings
- 2.Leadership Regional/National holding **4 regional** (2 BCSP, 1 RCP, 1 Charity) & **4 national roles** (2 BSG, 1 RCP, 1 BCSP), leading at all levels for the 2 National bowel cancer programmes (£250million): introducing new Bowelscope programme & **performance/outcomes:Personal > Regional > National**, improving curable bowel cancer by 28% & amongst **best internationally**
- 3.Research Carried out in my own time, supervised 3 MDs, elected & served on 2 National BSG committees, writing 2 BSG national guidelines, developed magnetic capsule endoscopy to applicable procedure, won several national awards & 3 international awards
- 4.Teaching Regional/National role, developing & delivering increasing National RCP-JAG endoscopy courses & curriculum, with year on year improving feedback(2017ave 9.6 score/10), recognised with Deanery award; setting up national RCP-JAG accreditation centre for bowel cancer screening programme & won international teaching video prize

Name: RODNEY HILTON STABLES

GMC/GDC Number: 3097151

Speciality: MEDICINE

Since my last award, I have further established my international standing for practice and research in cardiology.

I lead the interventional cardiology program in one of the UK's largest units, rated *Excellent* by the CQC and the UK top trust for patient satisfaction. My procedure volume is twice the national average and I also provide a regional valve service and supra-regional specialist procedures for hypertrophic cardiomyopathy. My results are better than national norms.

I am a full-time NHS doctor, yet my research has had international impact and changed practice. I have been appointed to a personal chair and been elected as the chair of academic committee of my national society. I continue to lead key trials and to pioneer research methods.

I have delivered

- Consultant flexible working for procedures and clinics
- A new model of lounge based cardiology day care
- Establishment and now leadership of a collaboration linking cardiology specialist hospitals and academic units
- New approaches to patient safety checklists and team dynamics

I continue to make a substantial contribution to education with faculty involvement in national and international meetings, as the organiser of an international training meeting, as the academic lead for my LETB and in the direct supervision of all levels of trainees.

Name: SOLOMON TESFAYE

GMC/GDC Number: 2939391

Speciality: MEDICINE

I am an NHS consultant dedicated to excellence in patient care and research.

Since my last award I have:

PATIENT CARE

won the prestigious **Arnold Bloom Award of Diabetes UK** for innovative diabetes care (Prize lecture 10/3/2017)

started a State-of-the-Art **Comprehensive Neuropathy Service** with referrals from all over the UK

started a novel **Diabetes Combined Eye/Foot/Renal (1-stop) screening service** (2015) reducing clinic visits & earlier diagnosis of complications

led Foot Service at RHH and our Team won **HSJ Diabetes Quality Care Award-2014 & Quality in Care Diabetes Award-2015**

RESEARCH

received the prestigious Camillo Golgi Prize of the EASD (2014) for outstanding neuropathy research, the first for a UK scientist for 11 years

been profiled by the Lancet Diab Endo 2014;2:865

given 70 invited Lectures at all major diabetes conferences (DUK, EASD, ADA etc.) & 2 webinars to 60 countries (2013-17)

got £2.9million HTA grant (PI-2016) to lead a painful neuropathy RCT

H-Index 48 Google scholar

I've been on the: **1)** MRC DPFS Panel (2015-6), **2)** Lancet Commission on Diabetes in Africa (2015-), **3)** Diabetes UK's Science & Research Advisory Group of 2013-7 & Vascular Clinical Study Group (2017-), **4)** Secretary - Int. Insulin Foundation (2014-) and **5)** NICE committees- Neuropathic Pain 2013/2017; Tech appraisal 2017

Name: SIMON THOMAS

GMC/GDC Number: 2732037

Speciality: MEDICINE

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Establishing a NIHR Health Protection Research Unit (Chemical/Radiation Threats, £3.3M over 5 y) as Deputy Director (Clinical) and neurotoxicity theme lead.

As Chief Investigator, leading a multicentre study (20 UK sites, >250 accruals) identifying novel psychoactive substances ('legal highs') causing severe clinical toxicity, with data informing national drug misuse policy.

As national clinical lead for the National Poisons (NPIS) and UK Teratology (UKTIS) Information Services, providing high quality cost-effective clinical advice to the NHS (>1.7M contacts annually) and public (189,000 hits monthly to medicines in pregnancy information). NPIS advice to primary care shown to prevent >30,000 emergency department referrals annually.

Provision of clinical leadership for medicines policy within my Trust and across North of Tyne & Gateshead (NoTG) as Chair of the Trust Medicines Management Committee and the NoTG Formulary Subcommittee, ensuring patients receive the medicines that they need whilst maintaining high quality evidence-based cost-effective and affordable prescribing across primary and secondary care.

Providing evidence and expert advice to official bodies about poisoning, e.g. Ministry of Defence (potential chemical threats), Home Office (conventional and emerging drugs of misuse) and MHRA (medicines).

Name: PETER SCANLON

GMC/GDC Number: 2370550

Speciality: OPHTHALMOLOGY

- 1. As Clinical Director of the world leading NHS Diabetic Eye Screening Programme (DESP), I have pioneered the way screening is delivered in England contributing to registration data showing for the first time in 2014 that, unlike most developed countries, Diabetic Retinopathy is no longer the leading cause of blindness in the working age group. Provided evidence to the UK National Screening Committee (NSC) for extending the screening intervals in low-risk patients.
- 2. Supported the Royal College of Ophthalmologists in a successful bid for a National Health Quality Improvement Audit for cataract surgery in 2014-17 and 3 feasibility studies by managing and providing clinical input to the Gloucestershire National Ophthalmology Database (NOD) delivery Unit who provide the statistical analyses to benchmark standards and improve quality of care in Ophthalmology units.
- Developed increasingly successful research and education teams and I
 received the Eva Kohner award from the European Association for the Study
 of Diabetic Eye Complications for contribution to knowledge in the field of
 diabetic eye disease.
- 4. Established two Undergraduate Certificates in partnership with the University of Gloucestershire, who awarded me a Visiting Professorship and worked as senior editor and author of a book on Diabetic Retinopathy Management.

Name: DAVID GOLDBLATT

GMC/GDC Number: 2906885

Speciality: PAEDIATRICS

As Director of R&D I have since my last award:

- Established a Trust Research Division to enhance support. Significant improvements seen; shorter time to 1st patient recruit (75% achieve 70 day target), recruitment to time and target in top 3rd of similar NHS trusts
- Integrated research into Divisional reviews to place research at the core of Trust activity; Research activity increased with approved projects up 38% over last 5yrs (195 to 317)

In the last 5yrs as Director of the NIHR Biomedical Research Centre (BRC) I have:

- Laid the foundation for a successful application for a 3rd BRC at GOSH/UCL (2017-22, £37m awarded).
- Initiated a Rare Disease focus. This contributed to GOSH/UCL attracting a £60m donation for a Centre for Rare Disease Research (opening 2018)
- Overseen income leverage by BRC investigators of £169 million to Q3 2016

I led the development/raised funding for a bespoke GOSH Clinical Research Facility (CRF).

- CRF has supported 281 studies and 11,354 patient visits since opening

I am an internationally renowned investigator. My research has led directly to:

- Introduction of pneumococcal conjugate vaccine (PCV) into the UK infant program halving deaths and reducing infection rates by 90%
- Introduction of PCV with fewer doses in 50 countries worldwide making vaccination more cost effective

Name: JONATHAN GRIGG

GMC/GDC Number: 2598620

Speciality: PAEDIATRICS

- I am the leading international expert on the health effects of air
 pollution in children. i developed ways of informing BartsTrust's
 patients how to avoid air pollution, wrote reports about air pollution that
 inform UK Department of Heath's policy, developed and wrote the
 major Royal College of Physicians' report on air pollution, published in
 how to communicate risks of of air pollution, and work with the Mayor
 of London to reduce air pollution.
- I am the leading international expert on preschool asthma and wrote national guidance on asthma management. I funded and lead a pan European Network to improve recruitment of children into asthma trials, and lecture extensively on asthma both in the UK and abroad.
- I developed applied health research in North Thames by leading for Queen Mary University of London on its CLAHRC application and am now its Deputy Director, and Lead of the Children's Theme.
- My recent research has direct relevance to major human diseases.
 These include large trials of asthma therapies, studies that provide new
 insights into the mechanisms for the link between pneumococcal
 disease and environmental exposures, and many studies focused on
 asthma morbidity in the UK, including the first ever study of asthma
 control in UK schools. This research is funded by over £16 million of
 recent grants.

Name: ROOPEN ARYA

GMC/GDC Number: 3170957

Speciality: PATHOLOGY

- 1. I am National Clinical Lead for the National VTE Prevention Programme and Director of the NHS VTE Exemplar Centres Network. Since 2016, I am Clinical Lead for a HQIP-commissioned feasibility study for a national VTE audit. Since 2013, I have shared UK experience of VTE prevention with healthcare systems worldwide.
- 2. I have developed King's Thrombosis Centre, a centre of excellence for Thrombosis & Anticoagulation. Since 2013 we expanded our MDT to include 7 Consultants, creating an unique national expertise/resource. In 2013 we established an anticoagulation reference centre to focus expertise regarding DOACs. I am Trust VTE lead for implementation of the national VTE programme.
- 3. In 2017, I was appointed Clinical Director for Haematology having been Deputy Clinical Director (since 2012) and Lead Clinician (since 2004). I am Haematology Laboratory Director. I champion patient safety and quality improvement through chairing/membership of relevant Trust committees.
- 4. Since 2013 I have established an ambitious research programme with results presented nationally and internationally. In 2012 I was made Professor of Thrombosis & Haemostasis. 6 supervisees have completed PhD/MD degrees and I am supervising 2 PhD and 3MD students. I have >100 publications, 40 in the last 5 years. My grant income in last 5 years: £1,535,000

Name: JUDITH BREUER

GMC/GDC Number: 2703408

Speciality: PATHOLOGY

Division Head Infection and Immunity since 2012 With >£70 million, I&I has top per capita grant funding, the most Wellcome Trust (WT) funded UK virologists & is rated 97% for teaching excellence by medical undergraduates, consistently winning top teacher awards since 2012

Research: Since 2007: £21 million (13 as PI) grant funding, >200 papers; the largest UK grant (WT Collaborative Award, £2.9 million in 2016) for Norovirus, a major global and UK cause of gastroenteritis; leadership through membership MRC Infection and Immunity Board; Scientific Advisory Boards Sanger Institute Virus Program, MRC Uganda Unit, ARCHIE NIHR program.

Clinical: Established the first UK service for sequencing undiagnosed encephalitis, identified a new astrovirus, changed encephalitis-management; pioneered pathogen sequencing directly from clinical material for meningococcal vaccine surveillance; now adopted by Public Health England.

Chair of two Department of Health (DH) Joint Committee on Vaccines and Immunisations (JCVI) committees on Papillomavirus and Varicella vaccines. Since 2014 I have introduced a two new national papillomavirus vaccine programs, advised Department of Health on the Shingles vaccine tender and co-authored the Chief Medical Officer's 2016 Genomics report. Invited to remain for an exceptional 3rd term on JCVI

Name: NICHOLAS COLEMAN

GMC/GDC Number: 3124169

Speciality: PATHOLOGY

- 1. I have invented multiple tests for improving cancer detection. Since 2012, I have worked with biotechnology partners to drive these into clinical use internationally. Over \$25M has been invested. Highlights include:
- (i) A test based on identifying MCM proteins is being used in 16 countries for detecting cervical pre-cancer (ProExC; Becton Dickinson). 30-40% growth in global uptake is forecast for 2016-7
- (ii) The MCM technology has also led to new CE-marked tests for detecting cancers of pancreas (launched Jan 2017; VarleighDx) and bladder (2017; ArquerDx)
- (iii) A blood microRNA assay for detecting germ cell tumours is being adopted internationally (AstraZeneca)
- 2. Since 2012, I have been appointed Professor of Histopathology at Cambridge (2014), raised £3.62M in grant income and been elected Fellow of The Academy of Medical Sciences (2014)
- 3. Based on highly successful leadership of the Cambridge University Division of Molecular Histopathology (2014-16), I was appointed Head of the expanded Division of Cellular and Molecular Pathology, which has 14 groups, 83 staff members and grant income of >£2.8M p.a. (Jan 2017)
- 4. As Lead for NIHR Integrated Academic Training in Histopathology (East) and Chair of the Cambridge Clinical Pathology Teaching Cttee I have led training in molecular pathology, a national shortage specialty

Name: GORDON COOK

GMC/GDC Number: 3299702

Speciality: PATHOLOGY

Since my last award (2014), I have:

- Been awarded the chair of Haematology (University of Leeds)
- Author/co-authored 36 manuscripts, 5 first author and 9 senior author manuscripts with an h-index of 31 and awarded >£3M in attributable research.
- Developed and lead the UK's largest Multiple Myeloma practice in combination with internationally impactful clinical research.
- Demonstrated national leadership as the chair of the Policy Working group for NHSEngland in Transplantation, delivering effective decisionmaking
- Developed a leading role in the UK Myeloma Research Alliance and the NCRI Myeloma sub-group, chief investigator of the late phase Myeloma X, Myeloma XII and Myeloma XIV trials & I am the chair of the Research Advisory Group for Myeloma UK. My research activity is exemplified by my publications & grant funding.
- Become the Clinical Director of the NIHR infrastructure programme, MIC-DEL.
- Become the UK Myeloma Key Opinion Leader, for managing patents with myeloma at a national level & internationally renowned and assisting NHSEngland in the development of the myeloma treatment algorithm.
- Provided specialty development & governance as the scientific secretary of the British Society of Haematology and through committee membership of both Bloodwise and Cancer Research UK

Name: MICHAEL LAFFAN

GMC/GDC Number: 2720667

Speciality: PATHOLOGY

2013- Secretary to the UK Haemophilia Doctors Organisation I am one of a 4 person executive: by monthly conference we manage UK haemophilia practice. We set national coagulation factor contracts: achieving £60M pa saving to NHS (from 2014 & now 2017). We manage meetings, national audit, database and finances.

2013/6- Sec & Chair BSH National Haemostasis and Thrombosis task force. Member National guidelines committee. I direct & have written numerous national guidelines, eg: I wrote VWD guidelines and then revised national registration and diagnostic assignment for 10000 patients (including 2000 reassignments) on the national database.

2015- I established and Chair a National Clinical Study Group for Bleeding Disorders. I have recruited doctors, allied health professionals, clinical triallists, economists and patient groups to join this committee. I raised £50k to fund the group in a priority setting partnership with the James Lind Alliance (NIHR) to identify 10 key research priorities via national survey.

2014-Co-chief investigator for BRIDGE: an NIHR-international next-gen sequencing study to identify novel genes in bleeding disorders: we have recruited >1400 subjects, identified novel genes, produced many high impact publications: built a genomic diagnostic process, merged with 100k and established a bioresource.

Name: JOHN SCHOFIELD

GMC/GDC Number: 2710402

Speciality: PATHOLOGY

National Leadership: As President of the Hospital Consultants and Specialists Association from 2013 to 2016, I led the development of broader medical representation, now supporting junior and senior doctors and leading to national recognition by NHS Employers and DH for contract negotiation in 2016.

Quality Assurance and Improvement: As Organiser of South East England General Histopathology External Quality Assurance scheme since 2014, I ensure high standards of diagnostic skills across London and the South East. As trained peer laboratory assessor for UKAS (2016), and also as Bowel Cancer Screening Professional Advisor to South of England (2015), I have undertaken quality assurance and improvement in many hospitals.

Excellence in Clinical Service: I provide a specialist regional haematological diagnostic service to Kent commended by the National Quality Surveillance Team in 2014, supported by the Kent & Medway/King's haematopathology review panel which I established.

Research and Governance: As co-Director, Kent, Surrey & Sussex Clinical Research Network (2015), I have nurtured a research naïve area with the greatest improvement in recruitment nationally in 2015/16. I have contributed to national efforts to promote research especially in mental health and stroke, rated 1st/15 networks for stroke study recruitment this year.

Name: JOHN SNOWDEN

GMC/GDC Number: 3339679

Speciality: PATHOLOGY

1) REGIONALLY - developing & delivering a high quality BMT/haematooncology service for 2 million population around Sheffield, benchmarking well against national survival outcomes, with the only Anthony Nolan stem cell donor collection centre outside of London

2) NATIONALLY

NICE; CLINICAL LEAD for the IOG in Haematological Cancers (2015-16) & CLINICAL EXPERT for NICE Guidelines for Myeloma (2014-16)

NHS ENGLAND; CHAIR of BMT CRG (2016-)

PROFESSIONAL SOCIETIES; Elected onto Executive Boards, incl. Secretary to the BSBMT in 2015. Writing lead & co-author British Society for Haematology Guidelines (2014-17)

3) INTERNATIONAL ROLES IN QUALITY, EDUCATION AND R&D

MEDICAL DIRECTOR (2012-16) & now CHAIR of JACIE - organisation overseeing BMT accreditation across Europe

CHAIR of EBMT Working Party for Autoimmune Diseases & on EBMT Scientific Council (2016-). Working at European level to shape BMT research, education & service development

4) ACADEMIC ACTIVITY

In the last 5 years >70 publications (>200 in total), grants >£4 million, supervised/examined from undergraduate to doctorate levels, held key roles in the NCRI Clinical Studies Group, my H-index rose to 32 & awarded HONORARY PROFESSORSHIPS in SHEFFIELD (2013) and UCL (2016).

My research in BMT for MS was broadcast by BBC-related media to an estimated 180 million worldwide!

Name: JONATHAN BISSON

GMC/GDC Number: 3169351

Speciality: PSYCHIATRY

As Director of Health and Care Research Wales, I have:

- a. Delivered, to time and target between 2013 and 2015, a comprehensive review of Welsh Government-funded research infrastructure and programmes. That resulted in major transformative change with the launch of Health and Care Research Wales in May 2015.
- b. Written and led the implementation of its strategic plan resulting in a central role for the public, including the creation of a Public Delivery Board, and more joined up work involving the NHS, social care, academia, third sector and industry with an increasing focus on research excellence that impacts positively on clinical care and policy development.
- c. Developed, in 2015, a performance management framework that has significantly improved accountability, management and distribution of funding across Wales to support/deliver research and reduce inequalities.

As a clinician-researcher, I have:

a. Led an internationally renowned traumatic stress service that rapidly translates research findings into high quality and effective clinical practice. I have been awarded over £4.4 million in grant funding for seven studies, including a highly prestigious NIHR award to further evaluate a novel treatment I developed. My work has been published in high impact journals and improved clinical practice in and beyond the NHS.

Name: ULRIKE SCHMIDT

GMC/GDC Number: 2741693

Speciality: PSYCHIATRY

Since my 2013 award:

1. Service Development

I lead a large Eating Disorders (ED) Service (> 650 referrals/yr), rated as outstanding by patients. I have pioneered psychological interventions recommended by NICE & neuromodulation treatments. I have set up & evaluated a novel early intervention service for ED, recommended by NHS-E (2015) and am disseminating this across the UK. My work formed the basis of 2 REF Impact statements (2014).

2. Research

I lead one of Europe's most productive clinical academic ED groups. This has been recognised in a Lancet profile (2013) and through the Hilde Bruch Award (2014) for Outstanding Achievements in ED Research & Treatment. Since 2013, I have published 118 peer-reviewed papers & obtained 16 research grants (£ 10.1 million). I completed a successful NIHR Programme grant (£ 2.1 million; 2014), noted for its high value to the NHS. I lead a new theme (obesity) in the 2017 SLaM Mental Health BRC (£ 2.1 million). I am an NIHR Senior Investigator (2017).

3. Medical Leadership

I am Head (since 2014) of Psychological Medicine, a large, successful academic department (more grant income & REF Impact statements than others).

4. Training/Capacity Building

I received the KCL Supervisory Excellence Award (2013). Since 2013, I have supervised 10 PhD students, 2 winning prestigious awards.

Name: ROSALIND RAINE

GMC/GDC Number: 3313404

Speciality: PUBLIC HEALTH MEDICINE

Since Silver Award 2014:

- 1] results from my national randomised trials to increase NHS Bowel cancer screening uptake (Lancet 2016) were immediately implemented nationally & will result in an extra 59000 people screened, 245 high risk polyps & 91 cancers detected annually at no extra cost.
- 2] I achieved unprecedented consensus for 'Our Healthier South East London' commissioning strategy with 6 CCGs, 8 trusts & London Ambulance Service. This £20bn strategy will improve healthcare safety, quality & sustainability.
- 3] I initiated engagement with Google DeepMind & lead evaluations of new machine learning algorithms to expedite acute kidney injury treatment; to analyse fundal scans & to plan radiotherapy more efficiently, thus improving outcomes & reducing cost.
- 4] Teaching & training: I lead the NIHR Collaboration for Leadership in Applied Health Research & Care (CLAHRC) North Thames (2014-18), with 63 studies, winning 7 national training awards/ PhD programmes & 23 additional research grants (£20M + £34M in-kind). Our post grad short courses are so highly rated that we now also deliver on-line to meet demand & our fellowships for allied health professionals are lauded by NIHR. As Head of a UCL Dept, I lead the design & evaluation of novel interactive educational methods, adopted at other universities in the UK & internationally.

Name: RAMAN UBEROI

GMC/GDC Number: 3117938

Speciality: RADIOLOGY

Despite being a full time NHS consultant major contributions to research and I am lead for £56000 of grants or Co-applicant for multi-million pound grants to improve quality and improve the cost efficiency of NHS spending.

Completely revitalized the vascular and interventional service. Improvements in all aspects of radiology including quality, commitment to research, audit, and safe delivery of cutting edge service in or out of hours so that Oxford has become the hub for referrals regionally/ nationally. Example to NHS of cost savings with effective day case service/tele-clinics.

President of the British society of Interventional radiology and Radiology section RSM, PSB, Chair of IR section MBUR, chairman of the ISAS review, improved the quality of patient care by writing, reviewing national radiology quality standards, developing and running national/international registries, reports and guidelines to improve all aspects of radiology practice. Transformed national attitudes to quality/patient safety by revising the guidance/audit WHO checklist ,Learning from discrepancies.

World wide quality improvement in 30 countries Europe/Asia through my work on international committees, quality improvement guidelines, Education as senior examiner, deputy to be head of the EBIR exam, sought after lecturer/written standards setter.

Name: IAIN ANDERSON

GMC/GDC Number: 2802022

Speciality: SURGERY

Since last award (2012):

CLINICAL: A full time NHS surgeon, I help lead a national unit treating patients referred with fistulated open abdomens and intestinal failure following surgery. Our published outcomes for these devastating complications are unsurpassed worldwide. I lead on difficult cases, train consultants, advise other units and speak at international meetings. Our techniques have been adopted into international guidelines.

LEADERSHIP: Elected Vice-President /President of ASGBI, (the Specialty Association for General Surgery), previously Director of Emergency Surgery, now Chair inter-specialty Board. Led Independent Review (RCS Eng).

SERVICE DEVELOPMENT: Leading significant service changes in Emergency General Surgery in most UK hospitals via published clinical standards (chaired or written), guidelines, curriculum changes and major meetings (ASGBI, College). Lead surgeon for award winning National Emergency Laparotomy Audit publishing comparative outcomes for every hospital: outcomes improving.

EDUCATION: Help run main UK general surgical meeting. Given 70 invited lectures. Specialty Advisory Committee in General Surgery. International teaching Professorship (2016).

Contributions recognised by award of MBE for services to surgery and medical education (2014) and honorary Fellowships from two Royal Colleges.

Name: BRIAN DAVIDSON

GMC/GDC Number: 2557250

Speciality: SURGERY

Since last award in 2006 4 main achievements have been:

1) Clinical

Lead clinician for integration of HPB surgical services in North London 2008/9. 20 years running major HPB surgery practise and supra-regional liver transplant programme. Published outstanding outcomes and innovative techniques in liver, bile duct and pancreatic surgery.

2) Translational Research

Prof of Surgery at UCL and lead for HPB and Liver Transplant surgery research. 516 full peer review publications from my group, 264 since 2006. Grant income since last award £21 million.

3) Administration

Implimented National Cancer plan for pancreas in North London. National committees for HPB commissioning and HPB peer review. Grants panel for CORE, PCRF and NIHR RfPB. Established and Director of TAPb, UCL human tissues platform. Lead for MRC CRC National Tissue Registry. Advisor of Wales Cancer Bank, Abcodia (UK Ovarian Cancer Bank) and cofounder UK Pancreas tissue bank. Regional trials lead for North Thames Clinical Research Network (CRN).

4) Teaching and Training

Main supervisor for 17 completed MD/PhD since 2006. Established and director of UCL MSc in Evidence Based Healthcare. Director and Editor UK Cochrane HPB satellite since 2010.

Kings Fund Award as NHS Champion and Inspirational Figure

Name: MUHAMMAD SHAMIM KHAN

GMC/GDC Number: 4058069

Speciality: SURGERY

- I lead and deliver a world class bladder cancer service, which includes the UK's largest robotic cystectomy programme, with outcomes above the national average. As chief investigator of the world's 1st randomised trial comparing Open, Laparoscopic & Robotic Cystectomy, I influenced the department of Health policy. I introduced 'Living With Bladder Cancer' programme and weight reduction in the morbidly obese with intra-gastric balloon before cystectomy.
- In recognition of the services to medical education and research, I was promoted to Professor of Urology and Surgical Education, University of London (2016). I lead the Surgical Sciences BSc programme at King's College, appointed five research fellows, acquired £958,000 in grants, published 79 papers 85 abstracts in peer reviewed journals and supervised 6 students (2 PhD, 4 BSc).
- 3. As Director Office of Education, for the British Association of Urological Surgeons (2013-16), I led innovative changes in existing courses and introduced a new course, with >98% excellent feedback. I also pioneered the UK's first Robotic Surgery Training Consortium (2015) & developed guidelines on robotic surgery training in UK and Europe (2016).
- 4. I organised revision courses & training workshops for >500 trainees/consultants in Pakistan (since 2014), which was highligted in all the national media

Name: HISHAM MEHANNA

GMC/GDC Number: 4093055

Speciality: SURGERY

- 2016-2017: I led the complete re-organisation of the thyroid cancer pathway across Birmingham (4 Trusts, 5 specialties) to implement new national guidelines, requiring cross disciplinary and inter-organisational consensus-building and a business plan for a new thyroid cancer surgeon and nurse specialists. The new pathway reduces follow-up frequency by ~50%, and reduces TSH suppression by ~60%.
- 2015-date: I established a new carotid body and neck paraganglioma service, coordinating 5 specialties, reducing consultations from 4 to 2 visits to enhance patient convenience. We now regularly receive national referrals, including Northern Ireland and Wales.
- 2012-date: I hold £12m in research grants, and run 2 international and 3 national trials (the most by any UK HNC clinician). My PET Neck trial (published NEJM IF 59) reduces unnecessary surgery by 80%, saving NHS £1,450 per patient. Cited by ASCO as one of the notable advances in cancer treatment in 2016, it has changed national treatment guidelines in UK and USA.
- 2013-date: As Chair of National Cancer Research Institute HNC group, I founded the HNC International Group, a collaboration of 28 national research bodies. Obtaining funding from 7 national professional bodies, I also established 4 new national clinical trial fellowships and renewed 2 existing ones.

Name: SRIMATHI MURALI

GMC/GDC Number: 3533459

Speciality: SURGERY

- Clinical: I am a full time specialist hand and wrist surgeon with a busy trauma and elective practice. Dedication to clinical work has, over the last 17 years, has led to a large tertiary level practice of a very high standard as evidenced by Dr Foster report.
- 2. Teaching and training: I enjoy teaching and training doctors of all grades from medical students, foundation doctors, higher surgical trainees. As a member of the Specialist Advisory committee, the Intercollegiate Exam Board, the Training Standards committee (all in T&O) has allowed me to contribute to the shape of training in the UK. I am the pioneer and Head of Clinical Training for a successful MCh and MMed programme run in partnership with Edge Hill University.
- 3. Research: I have over 50 publications and have supervised several theses. I have been able to provide funding for research projects for junior doctors.
- Management: Having held several senior managerial roles through my consultant career, I am presently the Appraisal Lead of the trust and Clinical Director for Service Line reporting, CQC inspector and Performance assessor for the GMC

Name: RICHARD WELBOURN

GMC/GDC Number: 2839903

Speciality: SURGERY

Since my Silver application in Sep 2013:

British Obesity and Metabolic Surgery Society (BOMSS) and National Bariatric Surgery Registry (NBSR)

As President and Chair respectively I led the Clinical Outcomes Reporting for the Healthcare Quality Improvement Partnership/NHS Choices and authored the 2nd NBSR report, the definitive description of UK bariatric surgery. Both had major impact on public perception of safety of bariatric surgery and showed it put several thousand diabetes patients into remission

National Institute of Health Research By-Band-Sleeve RCT

Unusually for a DGH surgeon I am surgical lead of the world's largest randomised controlled trial in bariatric surgery, personally recruiting 88 patients, which expanded into a 11-centre 3-arm trial with another £1m NIHR Health Technology Assessment grant

National Institute of Health and Care Excellence

I was the only surgeon invited onto the Guidance Development Group for NICE Obesity guidance CG189 and NICE Quality Standards Advisory Committee for Obesity QS127

International Federation for Surgery of Obesity (IFSO)

I was invited by the Executive Board of the world bariatric surgery federation to be Chair of the database committee for the Global Registry Project, and was first author of 2 reports. I am the elected President of the World Congress in London in 2017

Name: MELANIE DAVIES

GMC/GDC Number: 3071230

Speciality: MEDICINE

Clinical Role, led re-organisation of Diabetes (DM) Out-patients into subspecialities (incl Pump, Type 1, Young Type 2) to deliver transformation of DM Services (Joint CCG/UHL programme Trust Lead). Co-lead of young adult/transition service. Regional East Midlands (EM) DM Clinical Lead (2010) driving Quality Improvement.

Research Excellence, Emeritus NIHR Senior Investigator 2017 after maximum SI term. Led (Director) successful Leicester NIHR BRC bid 2016 (£11.6M) having been BRU Director since 2011. Announced by ADA (2015) in top 10 global experts in type 2 DM based on objective bibliometric analysis (2005-2015). Since last award 240 publications (incl Lancet and JAMA) and £26.1M Grant income, with my research forming 2 of the 4* UoL REF 2014 impact cases. Completed the most comprehensive UK diabetes prevention trial published in 2016 and secured only NHS/private partnership (UHL/Ingeus) to deliver National Diabetes Prevention Programme (NDDP).

Leadership Director of Leicester CTU since 2012. Clinical Lead Division 2 EM CRN and DM Speciality Lead since 2014, consistently in top 3 for accruals and complexity. Chair of NIHR SI Award panel since 2015. Current Chair of BRC Directors forum. Served for 14 years on Novo Nordisk Charitable Foundation (Chair since 2012). Awarded CBE in 2016 for Services to Diabetes Research

Name: DAVID LOMAS

GMC/GDC Number: 3083583

Speciality: MEDICINE

- 1. UCL: I am Vice Provost (Health) (2015-) responsible for the UCL School of Life and Medical Sciences (>1,100 Pls, 5000 staff, 11,000 students, £620m turnover), Head of UCL Medical School (2014-), Academic Director of UCL Partners Academic Health Sciences Centre (2015-) and Non-Executive Director of UCL Hospitals (2015-)
- 2. MRC/Government: I am Deputy Chief Executive of the Medical Research Council (2017-) and Deputy Chair, Scientific Advisory Committee, 100,000 genomes project (2016-)
- 3. Research: The UCL School of Life and Medical Sciences (SLMS) increased its research income by 33% over the past 3 years to £313m in 2015/16 (70% of UCLs total research income). We secured £580m of major awards in 2016. My research focuses on antitrypsin deficiency and a group of diseases that I called the serpinopathies (H index 64, 330 papers and >£68 million in grant support, MRC programme grant renewed for the third time in 2016 £2m)
- 4. Charities and industry: Director, Board of Directors of the: Francis Crick Institute (2015-), Global Medical Excellence Cluster (2015-) and MedCity (2016-), African Health Research Institute (KwaZulu Natal, SA) (2016-) and British Heart Foundation (and Trustee 2016-19). President of the Association of Physicians of Great Britain and Ireland 2017-18. Alpha-1 Foundation grants committee (USA; 2016-21)

Name: STEFAN NEUBAUER

GMC/GDC Number: 4654049

Speciality: MEDICINE

My work contributes to reducing the burden of cardiovascular disease:

- 1. I direct a world-leading Cardiac MR (CMR) centre and research programme
- Since last award, I raised £66M research funding and published 107 manuscripts. I am developing new MRI techniques, improving diagnosis of cardiovascular disease.
- I am the first to bring large-scale, population-based CMR studies to the UK: UK Biobank imaging enhancements (n=100,000); NIH cardiomyopathy study.
- I lead the Oxford NIHR BRC imaging theme
- I run a BHF funded basic science programme, developing new metabolic therapy to advance patient treatment.
- I am a successful academic teacher. 13 of my DPhil students graduated, 12 won research prizes since last award.
- 2. My research has generated new tools/diagnostic criteria
- They have impacted on clinical care with widespread adoption
- Example: specific cardiomyopathies (Fabry, Amyloid, non-compaction)
- 3. I influence thinking and practice worldwide
- Multiple citations in recent clinical guidelines
- British Society of CMR (BSCMR) Chairman of National Research Group
- Lecturing widely, including named international lectures
- 4. I head the University Division of Cardiovascular Medicine
- This is a world-leading institution
- I have developed and delivered a strategic action plan
- This has led to significant improvements

Name: MUNIR PIRMOHAMED

GMC/GDC Number: 3078110

Speciality: MEDICINE

Since my last award, I have further established myself as a leading figure in UK medicine, as follows:

- 1. **AWARDS**: Awarded Knight Bachelor in Queen's Birthday list June 2015, services to Medicine. William Withering Lecture RCP (2014); Andrew Duncan Lecture/Medal (RCPE 2016). NIHR Senior Investigator Emeritus (2016).
- 2. **RESEARCH**: Leader in the development of precision medicine for the NHS, with key indicators since 2013 being: 150 papers published; H-index 85; £20M funding awarded, including renewal of the MRC Centre for Drug Safety Science (£2.7M), and appointed as Director; 24 PhD students completed; international reputation evidenced by >100 invitations to speak at international conferences.
- 3. **LOCAL**: Executive Director of Liverpool Health Partners (2015), leadership role developing links between the local NHS and academia, including development of Joint Research Office, Industry Gateway Office and awards of the Genomics Medicine Centre and RCP North.
- 4. ADVISORY: Chair of the Pharmacovigilance Expert Advisory Group for MHRA and Commissioner on Human Medicines –key committees responsible for advising on quality, efficacy and safety of medicines for the NHS. Chair of Clinical Committee British Pharmacological Society; have led campaign for increasing numbers of clinical pharmacologists for NHS. Patron SJS Awareness UK Charity.

Name: ANDREW DICK

GMC/GDC Number: 3081622

Speciality: OPHTHALMOLOGY

Since my last award (2011)

- Increased international reputation as lead of the regional ocular inflammatory clinic in the SouthWest by expanding its translational science and trials, generating evidence base for patient benefit (lead publications in NEJM and Lancet 2016, NEJM 2017 in press). I enabled as lead of theme (2012-2017) and co-applicant of NIHR Biomedical Research Centre (BRC)(Ophthalmology) at UCL-Moorfields (2017-22). Provided principal evidence base for NHSE interim approval of use of Humira in Uveitis in adults and children.
- I led the inception and development of a Retinal Treatment and Research Unit at Bristol Eye Hospital (£1.2m grant; opened 2012), now delivering over 30 studies/trials giving access to new therapies for patient benefit.
- As Director of Research at UCL-Moorfields (MEH), 2015-16, and now Director of UCL Institute of Ophthalmology (UCL-IoO), I codeveloped the new UCL-MEH strategy and implemented for example cross-cutting institutional research to deliver innovation, discovery and education for future patient care and was the lynchpin of strategy toward successful bid for £19M BRC award.
- Increased grant income (excluding infrastructural grants) of over £4M, published 36 peer-reviewed articles, including 2 NEJM and 1 Lancet that provide evidence base to inform development in uveitis care.

Name: RUSSELL VINER

GMC/GDC Number: 3637580

Speciality: PAEDIATRICS

Since my last award (2013):

- I am a highly research active academic paediatrician, currently named on >£20 million in research funds (£6.7 million as Principal Investigator), have >150 original articles in peer-reviewed journals (62 last 5yr), was senior author of the Lancet Commission on Adolescent Health (2016) and lead the pre-eminent adolescent research team in Europe. I became Director of the Dept. of Health Policy Research Unit in Obesity (2017).
- Locally my service is the leading child/adolescent diabetes service in England performing service for 2012/13-2014/15 in the National Paediatric Diabetes Audit. As UCLH Divisional Clinical Director (2013-15) I significantly developed the children's acute and cancer services.
- 3. Regionally, I lead clinical transformation of child and adolescent health services across London, as Clinical Director of the Children's Strategic Clinical Network (2014-15) and of the The Healthy London Partnerships Children's Programme (NHS England & London CCGs: 2016-17).
- 4. Nationally, I have led numerous policy initiatives for children and adolescents; including the State of Child Health Report (Royal College of Paediatrics and Child Health, 2017), the first detailed UK analysis of the state of our children's health; recommendations are being considered by governments across the UK.

Name: STEPHEN SCOTT

GMC/GDC Number: 2674137

Speciality: PSYCHIATRY

Research Director, National Academy for Parenting Research, £17m (£4.5m as CI) grants from MRC, NIHR, etc in this under-resourced field. Run more independent RCTs in the field than anyone worldwide, showing early intervention (EI) has lasting effects on cognitive & psychosocial funtion; world's first paper showing EI can prevent antisocial personality

Education My textbook is the best seller in the world, translated into 7 languages

Training Major role in setting up the £58m Children's Increasing Access to Psychological Therapies initiative 2012-17; Director, Parent Training. 1st programme in world using routine outcome monitoring each session. 100% of England now covered, 47,000 children treated

Leadership Chair, Association for Child & Adolescent Mental Health 2014 on. Under my leadership the JCPP journal now has the highest h-index in the field in the world (was 7th in 2013)

Chair, NICE Guideline on Conduct Disorders (2014), leading to wideespread recognition and dissemination of parenting programmes. Recommendations adopted by German, Dutch, & Norwegian health ministries

At the forefront of promoting child mental health to policymakers - 4 presentations to Prime Minister's office (2016), reflected in her 2017 speech on the investment in child mental health for lifespan benefits. Awarded CBE by the Queen 2014

Name: GORDON CARLSON

GMC/GDC Number: 3069736

Speciality: SURGERY

Since my last award, I have demonstrated leadership at local, national & international levels, specifically:

1. Clinical Innovation

I developed innovative approaches to the management of colorectal disease, to improve patient safety, clinical & cost-effectiveness. My inventions resulted in 2 patents for the NHS. I established minimally invasive techniques for managing intestinal failure, & gut lengthening in the national centre I lead. They have improved quality of life for our patients & led to NHS cost savings.

2. Leadership In Service Design and Delivery

I am NHS England national clinical lead for intestinal failure (IF) & deputy chair of the colorectal CRG. I lead national service redesign & procurement. I wrote the service specification, developed peer review & audit tools & cowrote professional guidance on best practice.

3. Leadership in professional standards

I helped NHS England to produce a national sepsis strategy, supported NCEPOD in a national sepsis audit & co-wrote the 2016 ASGBI/ACPGBI professional guidance for management of anastomotic leakage.

4. Leadership in Research

I raised > £2 million of HTA & other research funding, supervised a further 4 postgraduate degrees & examined 5 others. I sit on research board of RCSEng, chair the DMEC of a NIHR- funded trial & have been scientific director of ASGBI.

Name: MICHAEL NICHOLSON

GMC/GDC Number: 2594035

Speciality: SURGERY

INNOVATION IN PATIENT CARE: My group are the global leaders in developing kidney transplantation after normothermic machine perfusion (NMP). I performed the first in man renal transplants after NMP (Am J Transplant 2013) and the first transplants using declined kidneys deemed unfit for transplantation but resuscitated by NMP.

LEADERSHIP: I am the Director of the NIHR Blood and Transplant Research Unit in Organ Donation and Transplantation (2016- £4M funding; 45 staff). As an ambassador for Kidney Research UK, I highlighted the organ donor shortage at meetings in the House of Lords (2014-5); my research was the subject of an early day motion in 2016. I hold Visiting Professorships in Europe, USA and Asia.

RESEARCH: In the last 5 years I have published 66 papers (career total 346; H index 45), supervised 8 awarded MD/PhDs and raised £9.5M in grants. 2012-16: My research was awarded 2 BTS Medawar Medals, the ASGBI Moynihan Medal, RCSEngl/Cutler's Clarke Medal, 2 BrJSurg Prizes and the 2014 RCSEngl Arris & Gale Lectureship.

EDUCATION: I am the UK Director of the Cambridge-Yale Transplant Education meeting (2016-date). I have introduced and directed new courses in renal transplantation (2015-date), laparoscopic nephrectomy (2016-date) and vascular anastomosis (2017-). Three of my fellows have achieved Chairs of Surgery (2013-14).