

## VPC MEMBERS

### **Professor Malcolm Bennett BVSc, PhD, MRCVS, FRCPath, FHEA**

**Specialism:** Chairman

**Declared interests:** none

Professor Bennett qualified as a veterinary surgeon from the University of Liverpool in 1983. He is currently professor of zoonotic and emerging infections in the School of Veterinary Medicine and Science, University of Nottingham. His research interests include infectious diseases, especially zoonoses and infections of companion animals and wildlife.

### **Mrs Helen Ballantyne**

**Specialism:** Veterinary Nurse

**Declared interests:** none

After graduating with a degree in Pharmacology in 2002, Helen qualified as an RVN in 2005. She has experience in referral medicine and surgery, charity practice, emergency nursing and exotics. She spent five years on BVNA council in a variety of roles, culminating in her being awarded Honorary Membership in 2016.

In 2013 Helen qualified as a human centred nurse. She works for Cambridge University Hospitals on the Transplant High Dependency Unit. She is also a member of the National Organ Retrieval team, on call to facilitate the collection of organs from deceased donors.

Helen remains a Registered Veterinary Nurse and has developed a strong interest in the principles of One Health and chairs the RCVS/BVNA Veterinary Nursing Futures One Health Committee. She regularly lectures and writes about concepts and ways of working that may be shared between professions to support clinical and professional practice. Her particular areas of interest include medication adherence, patient safety and the use of nursing care plans.

### **Dr Rachel Bennett MA VetMB, PhD, CertVA, DACVAA MRCVS**

**Specialism:** Pharmacology

**Declared interests:** Orion Pharma (linguistic services), Vetcare Oy (drug patent)

Rachel Bennett qualified from Cambridge Veterinary School in 1991. She spent a year in small animal first opinion practice prior to becoming the Elise Pilkington Equine Anaesthesia resident at the Animal HealthTrust in Newmarket.

She gained the RCVS Certificate in Veterinary Anaesthesia in 1994. She then moved to UC Davis, USA in 1995 to continue her anaesthesia training, becoming a diplomate of the American College of Veterinary Anesthesiology and Analgesia in 1999. She returned to the UK in 1999 where she subsequently spent six years working as a Clinical anaesthetist and Lecturer in Veterinary Anaesthesia at Cambridge Veterinary school.

Between 2007 and 2009 she was a consultant anaesthetist at Newmarket Equine Hospital. From 2009 to 2015 she worked at UCD, Ireland, where she was a Lecturer in Veterinary Anaesthesia. During this time, she was taught both 4<sup>th</sup> and 5<sup>th</sup> year veterinary undergraduates. She also supervised postgraduate students training for the ECVAA diploma.

Whilst at UCD she undertook a PhD in the Clinical Pharmacology of the  $\alpha_2$ -adrenoceptor antagonist MK-467, which she successfully defended in 2017. She has been a visiting Lecturer in Large Animal Anaesthesia at the New Bolton Center, Pennsylvania USA and a visiting Professor in Veterinary Anaesthesia at Ross University School of Veterinary Medicine, St Kitts and Nevis in the West Indies.

Since 2016 she has worked as a Clinical Anaesthetist at Anderson Moores Veterinary Specialists in Hampshire. Rachel is interested in pharmacogenetics and its role in anaesthetic drug sensitivity and analgesic drug efficacy.

### **Dr Karin Burnett**

**Specialism:** Toxicology

**Declared interests:** Kalvista Pharmaceuticals (consultancy)

Karin Burnett graduated from the University of Surrey with a BSc in Biochemistry (Toxicology) in 1986.

She worked for six years in the human pharmaceutical industry as a genetic toxicologist and attained her Diploma from the Institute of Biology in Toxicology (DIBT) in 1992. She then went on to study for a PhD at the University of Birmingham, investigating mechanisms of non-genotoxic carcinogenesis in the liver, which she completed in 1996.

Since then she has gained varied and extensive experience in broad based toxicology and chemical risk assessment in the human pharmaceutical industry as a project toxicologist and as a consultant to companies developing and producing veterinary medicines.

She has written successful submissions to veterinary and pharmaceutical regulatory agencies including user and consumer safety assessments.

She currently works in the (Public Health England) PHE Toxicology Unit at Imperial College, London. The role involves compiling reports for the UK Department of Health Committees on Carcinogenicity and Mutagenicity on a wide variety of subjects including the evaluation of new methodologies and technologies in toxicological risk assessment, guidance development and the review of epidemiological evidence with the aim of improving human chemical risk assessments.

### **Professor David Cavanagh, BSc, PhD, DSc**

**Specialism:** Molecular Biology/Genetics

**Declared interests:** Nestlé Research St. Louis

Since graduating with a degree in microbiology in 1972, Professor Cavanagh has specialised in virology, having done research on foot-and-mouth disease virus, influenza virus, infectious bronchitis virus, astroviruses, avian encephalomyelitis virus, and avian metapneumovirus.

Since 1979 he was at the Pirbright Institute (formerly the Institute for Animal Health), firstly at the Houghton Poultry Research Station/Houghton Laboratory, then at Compton Laboratory, specialising in poultry viruses.

He retired from the Institute at the end of 2014. Professor Cavanagh's areas of research were novel vaccine development, based on genetic modification of the genomes of viruses, and epidemiology, based on gene sequencing and molecular detection techniques. He was Editor-in-Chief of the journal Avian Pathology from 1997 to 2009 and is now Assistant Editor-in-Chief and is a Visiting Professor at the University of Liverpool.

He acts as an independent expert on research grant assessment committees for the EC and is a Trustee of the Houghton Trust.

### **Dr Yu-Mei Ruby Chang**

**Specialism:** Epidemiology/Statistics

**Declared interests:** none

Yu-Mei Ruby Chang completed her B.S. at Tung-hai University in Taiwan and gained her M.S. degree in Statistics and PhD in Quantitative Genetics from the University of Wisconsin-Madison.

Upon completing her PhD, she was appointed to the post of Computational Geneticist in the Dairy Science Department, University of Wisconsin-Madison, where she provided statistical and computational assistance to students and faculty staffs, and she also participated in collaborative research in the area of statistical modelling and algorithm development with application to dairy cattle improvement programs.

She joined the Section of Epidemiology and Biostatistics, Leeds Institute of Molecular Medicine, University of Leeds as a Research Fellow in 2006. She allied with scientists and clinicians on the genetic and epidemiological data analysis of melanoma studies.

Ruby joined the Royal Veterinary College as Lecturer in Statistics in 2009 and was promoted to Senior Lecturer in 2015. She has been a Chartered Statistician (CStat) of the Royal Statistical Society since 2012.

### **Ms Sally Harmer**

**Specialism:** Large Animal SQP

**Declared interests:** none

A qualified R-SQP, Ms Harmer works as an animal health industry consultant and trainer working with manufacturers, vets and retailers supporting product marketing, industry projects and AMTRA training. She also does some locum SQP cover for local retailers.

Until recently she was employed as the Animal Health Manager for Clynderwen and Cardiganshire Farmers (CCF Ltd) based in Pembrokeshire, Wales.

Coming from a beef and sheep farming background Ms Harmer has worked in the Animal Health industry for nearly 25 years in different roles. In addition, Ms Harmer is also a Welsh regional advisor for the Moredun Institute and writes articles on a regular basis promoting good practice both for livestock keepers and other SQP's.

### **Mr Mark Jelley BSc (Hons), PG Cert (Distinction) Sustainable and Efficient Food Production**

**Specialism:** Working farmer

**Declared interests:** none

Mark Jelley graduated with a BSc (Hons) in Agriculture from Harper Adams University College in 2002 and holds a postgraduate certificate with distinction in Sustainable and Efficient Food Production.

Shortly after his studies he returned to work on the family farm in Long Buckby, Northamptonshire. The farm ran a 250 head sheep flock along with 75 suckler cows and a beef finishing enterprise, as well as 250 acres of arable cropping.

Changes in structure on the farm have since resulted in an end to the sheep enterprise and an increase in the beef herd to its current 98 head of suckler cows. The finishing unit has also grown to accommodate the increase in calves being born on farm.

Mark has worked extensively with Eblex (now AHDB Beef & Lamb) hosting meetings on farm and featuring in best practice publications and also joined the first Progressive Beef Group formed by Eblex in 2011.

In 2014 Mark was invited to join the steering group of COWS (Control of Worms Sustainably) and currently sits as a farmer member.

In 2015 Mark graduated from Aberystwyth University with a Post Graduate Certificate (Distinction) in Sustainable and Efficient Food Production before joining the Veterinary Products Committee as a Working Farmer in 2016.

### **Dr David Killick BVetMed PgCE-LTHE PhD CertSAM DipECVIM-CA (Onc) MRCVS**

**Specialism:** Veterinary Surgeon (mixed/small animal)

**Declared interests:** none

David qualified as a veterinary surgeon from the Royal Veterinary College (RVC) in 2003. He then worked in mixed and then small animal practice before starting specialist training in veterinary oncology at the University of Liverpool in 2007.

After completing the training programme he returned to the RVC to study for a PhD identifying novel targets for anti-cancer immunotherapy. In 2014 he was appointed Senior Lecturer in Veterinary Oncology at the University of Liverpool.

David holds the RCVS certificate in small animal medicine (2008), the European College of Veterinary Internal Medicines (ECVIM) diploma in veterinary oncology (2011) and a PhD (2014). He is a RCVS and European Board of Veterinary Specialisation recognised specialist in veterinary oncology.

David is current Chair of the ECVIM education committee for oncology and BSAVA PetSavers grant awarding committee and a member of the RCVS ethical review panel.

### **Dr Elizabeth Kubiak BSc, MB BS, MRCPATH, LLM**

**Specialism:** Medical/clinical Microbiology

**Declared interests:** none

Dr Elizabeth Kubiak is Consultant Microbiologist and Infection Control Doctor (joint) in the Royal Gwent Hospital, Newport, South Wales.

After qualifying in Medicine from the University of London in 1984, Dr Kubiak trained in Medical Microbiology and Virology in Bristol, London and the West Midlands, before moving to Wales in 1994 to take up her current post.

Dr Kubiak is an honorary Clinical Teacher to the Academic Department of Medical Microbiology in the University of Wales College of Medicine, and Educational Supervisor to the Specialist Microbiology Registrars on their rotation to Newport. She has examined for the Royal College of Pathologists, sat as a member of the Welsh Council of the College from 2005 to 2008, and is currently the Royal College regional reviewer of Consultant Medical Microbiologist Job Descriptions for Wales.

Among her special interests she includes diagnosis and treatment of infections in Intensive Care patients, paediatric infections, serious eye infections, mycobacterial infections, and antimicrobial resistance and control.

From 2003, Dr Kubiak studied part-time at Cardiff University for a Masters degree in Legal and Ethical Aspects of Medical Practice, which was awarded in 2006.

Dr Kubiak currently serves on the Research Risk Review Committee and the Antimicrobial Working Group of the Aneurin Bevan Health Board. She is a member of the Microbiology Standing Specialist Advisory Group (MSSAG) to the Welsh Government and is the MSSAG representative to the Disinfection, Antimicrobial Resistance and Healthcare-associated Infection (DARHAI) committee.

Dr Kubiak has a small flock of rare-breed poultry (Pekin bantams) for domestic egg production and two dogs, who are family pets.

### **Mr Stephen Lister BSc, BVetMed, CertPMP, DipIECPVS, MRCVS**

**Specialism:** Veterinary Surgeon (Poultry)

**Declared interests:** Elanco Animal Health (consultancy)

Stephen Lister is a practising veterinary surgeon specialising in poultry medicine and production, involving a wide spectrum of avian species, including turkeys, chickens, ducks, geese and game birds.

He is an RCVS Recognised Specialist in Poultry Medicine and Production, a Diplomat and Vice President of the European College of Poultry Veterinary Science and Past President of the Poultry Veterinary Study Group of the EU and British Veterinary Poultry Association.

### **Dr David Mackay BVetMed MSc PhD MRCVS**

**Specialism:** Veterinary Immunology

**Declared interests:** none

David Mackay qualified as a veterinary surgeon in 1981 and worked in general veterinary practice before obtaining postgraduate degrees in immunology from the universities of Birmingham and London.

He pursued a research career in exotic viral diseases of livestock culminating as Head of the Pirbright Laboratory of the Institute for Animal Health. Dr Mackay subsequently moved into the regulatory area, starting at the Veterinary Medicines Directorate in the UK before moving to the European Medicines Agency as Head of Veterinary Medicines.

He retired from the EMA in 2018 and now provides independent advice to governmental and non-governmental bodies in relation to regulation and use of veterinary medicines.

During his career Dr Mackay has published in peer reviewed journals on infectious disease of animals, veterinary vaccinology and regulatory affairs, particularly in relation to immunological veterinary medicinal products.

### **Professor Jacqueline Matthews BVMS, PhD, MRCVS**

**Specialism:** Parasitology

**Declared interests:** Roslin Technologies Ltd (employee), Vetsina Animal Health (non-executive board member)

Professor Matthews has worked in livestock and equine parasite research and education for >25 years. Her group studies roundworms, focussing on vaccine development, diagnostics and anthelmintic resistance. She has published >130 peer-reviewed research papers, reviews and book chapters.

Professor Matthews has won > £13 million in external research funding, with highlight outputs being discovery of a sub-unit vaccine for control of teladorsagiosis in sheep and development of a diagnostic test for small redworm infection in horses. She dedicates much of her time to the transfer of knowledge on sustainable worm control to industry, stakeholder and scientific audiences in written and oral formats and shares this information on Twitter @ProfJBMatthews.

She is technical advisor to the industry group, COWS (<http://www.cattleparasites.org.uk/>) and is editorial board member of several international research journals.

In 2017, she was awarded Fellowship of the Royal College of Veterinary Surgeons for Meritorious Contributions to Knowledge and was conferred Elsevier's International Journal for Parasitology Award. She is currently Lead Investigator and Coordinator of an EU-funded multi-national parasite vaccine research programme, PARAGONE (<http://www.paragoneh2020.eu/>).

She is based at Moredun Research Institute and is an Honorary Professor at the Royal (Dick) School of Veterinary Studies, University of Edinburgh.

### **Mr Declan O'Rourke MVB DipM MBA FRCVS**

**Specialism:** Risk Analysis

**Declared interests:** Diversey Inc, DYNTEC spol. s r. o, ECO Animal Health Ltd, Eli Lilly & Company Ltd, Equimed Ltd, Jurox Pty Ltd, Pegasus Laboratories Ireland Limited, Shep-Fair Products Ltd, Tairgi Tread Lia Baile Na Sceilge Teo (BVP), Warburton Technology Ltd (consultancies), Pfizer inc (shares)

Mr O'Rourke is a veterinary surgeon and works as an independent consultant in pharmacovigilance and livestock medicine.

Following a couple of years in practice, in England and Canada, he joined the Milk Marketing Board. Subsequently, he worked in the animal health industry where he held technical, marketing, product development, clinical development, production and pharmacovigilance roles.

Mr O'Rourke was awarded a Fellowship of the Royal College of Veterinary Surgeons (FRCVS) in 1990, he is a Council member of the British Cattle Veterinary Association and a Director of the British Veterinary Association.

### **Professor Colin Robertson BA (Hons), MBChB, MRCP (UK), FRCSEd, FRCPGlas**

**Specialism:** Accident and Emergency Medicine and Surgery

**Declared interests:** none

Colin Robertson was appointed as consultant at the Royal Infirmary of Edinburgh in 1986, and as Professor of Accident and Emergency Medicine and Surgery at the University of Edinburgh in 2003. He has been Adjunct Professor at the National University of Malaysia from 2010-2015.

His major clinical and research interests are in cardiac arrest and cardiopulmonary resuscitation, major trauma and pre-hospital care. He is a former Chair of the Resuscitation Council (UK), and ILCOR, and is the editor of The Cambridge Textbook of Accident and Emergency Medicine, the Oxford Handbook of Emergency Medicine and Macleod's Clinical Examination.

### **Mr Ronnie Soutar BVM&S, MSc, MRCVS**

**Specialism:** Veterinary Surgeon (Fish)

**Declared interests:** Scottish Sea Farms (employee)

Mr Ronnie Soutar is a practicing veterinary surgeon working in aquaculture; he is currently employed as Head of Veterinary Services for Scottish Sea Farms, one of Scotland's largest salmon farmers.

Ronnie graduated from the Royal (Dick) School of Veterinary Studies in 1980 and has worked in general veterinary practice and management as well as fish farming. He holds an MSc in Aquatic Veterinary Studies from Stirling University and is a Past-President of the Fish Veterinary Society.

He is also involved in a variety of equestrian activities, runs a smallholding with sheep and cattle and is Chair of the Board of Trustees of the Scottish SPCA.

## Mr Jonathan Statham

**Specialism:** Veterinary Surgeon (large animal)

**Declared interests:** Bishopton Veterinary Group (chair and partner), Raft Solutions Ltd (chief executive), Bimeda, Boehringer Ingelheim, CEVA, MSD, Zoetis (research & development/consultancy)

Jonathan M E Statham graduated from Cambridge University Veterinary School in 1996. He is a cattle vet and partner in Bishopton Veterinary Group, a 27 vet practice in Ripon, North Yorkshire (a member of XL Vets) and is director and Chief Executive of RAFT solutions Ltd (an innovative veterinary research, advanced breeding, consultancy and knowledge exchange company).

He is Past-President of the British Cattle Veterinary Association (BCVA) and has sat on the GB 'Cattle Health & Welfare Group' (CHAWG), the Veterinary Policy Group (VPG) of the British Veterinary Association (BVA) served on the Veterinary Residues Committee of the Veterinary Medicines Directorate and is a past director of Cattle Health Certification Standards (CHeCS).

He is the external examiner for the University of Liverpool, member of the Royal College of Veterinary Surgeons (RCVS) Advanced Practitioner Panel, a member of the Nottingham Dairy Herd Health Group & the 'Farmskills' steering group.

He currently sits on the steering group for the national AgriTech 'Centre for Innovation & Excellence in Livestock' (CIEL). Main veterinary interests include reproductive technologies, nutrition, mastitis control and progressive herd health & production management.

He has published a wide range of papers, articles and book chapters and is a co-author of textbook 'Dairy Herd Health'.

He holds the Royal College of Veterinary Surgeons (RCVS) Diploma in Cattle Health & Production, is a RCVS recognised specialist in Cattle Health & Production and was Dairy Vet of the Year 2015.

## Ms Andrea Tarr

**Specialism:** Pharmacist

**Declared interests:** none

Andrea Tarr qualified as a pharmacist in 1984 and has an MSc in evidence-based pharmacotherapy.

She began her career in hospital pharmacy, specialising in medicines information, then worked in the pharmaceutical industry, in product information and in sales.

For the next 20 years she was an editor on an independent medical publication, the *Drug and Therapeutics Bulletin*, which produced independent evaluations of treatments, for doctors and pharmacists. She has written medicines evaluations for the WHO essential medicines list. She is the founder and a director of *Veterinary Prescriber*, which produces online CPD on medicines for vets, vet nurses, SQPs and pharmacists.

She works part time as a community pharmacist at an independent pharmacy, which is owned by a doctors' dispensing practice, and which serves a local veterinary referral hospital.

## Mr Enrique Vega

**Specialism:** Veterinary Surgeon (public health) and Food Safety Risk Assessor

**Declared interests:** none

Enrique qualified as a Veterinary Surgeon in 1993 and has a further qualification in Business Management. He has a wide range of experience in veterinary public health and food safety, sales – purchasing and management.

After working as an Official Veterinarian and Area Veterinary Manager for 7 years in the UK, he then moved to a Purchasing Director role at ESCA Food Solutions, a multinational company working in close relationship with McDonalds, managing a budget of 48 million euros, with responsibilities in meat purchasing and evaluation and contract management of suppliers.

After this Enrique joined Hall Mark in 2004 as a Veterinary Director, responsible for service delivery of the contract with the Food Standards Agency, managing teams across England and Wales. Roles at Hall Mark have included board member, Veterinary Director (England and Wales), and ISO Quality Manager (development and maintenance of Hall Mark ISO 17020 system). These roles have required significant liaison with a wide variety of Stakeholder groups including all those represented on the FSA stakeholder group on current and future meat controls. They have also provided the opportunity to contribute in many working groups (both operational and technical) for policy formulation within FSA giving experience of the complex, cross disciplinary political environment in which Official Controls are delivered.

After leaving Hall Mark in March 2017, Enrique has also worked at the Food Standards Agency (FSA), as a Veterinary Adviser providing support to both the Policy Division and the Science, Evidence and Research Division, being involved in food safety risk management and a wide range of veterinary public health policy issues.

Enrique is a member of several veterinary associations such as Council member of the Veterinary Public Health Association, Member of the UK One Health Coordination Group and Member of the British Veterinary Association.

**Prof Jason Weeks BSc (Hons), PhD, FRSB, CBiol, EurProBiol, MIEnvSci, CEnv, CSci, CMIEEM MInstKT**

**Specialism:** Environmental scientist

**Declared interests:** none

Jason Weeks gained a PhD in marine ecotoxicology in 1990. He spent 4 years in Denmark as a Royal Society Research Fellow and then associate professor at Odense University. Returning to the UK in 1994, to lead the newly created soil ecotoxicology team at the then Institute of Terrestrial Ecology (now CEH). After eight years he joined WRc plc as chief scientist.

Jason was Professor of Environmental Risk Analysis at Cranfield University until recently when he joined IEH Consulting. Prior to 2013, he was Director of the Aquatic Veterinary Pharmaceutical Programme at Cefas. During his ten years at Cefas, he was responsible for the development of aquatic veterinary medicines as treatments for aquaculture production and fish vaccine development.

Jason has over 25 years' experience as an international development consultant with extensive experience in the environmental and aquaculture sectors and has been instrumental in the successful delivery of significant international aid funded project work, including periods in-country (Latin America, SE. Asia; Australasia, Canada, Central and Eastern Europe, Central and Middle Asia, the Caribbean, Korea and Africa).

He has published in excess of 120 peer-reviewed scientific papers on a broad range of subject areas mostly pertaining to environmental health and risks. He chaired the European Medicine Agency's Ad hoc Expert Group and was a co-opted member of the Committee for Medicinal Products for Veterinary Use (CVMP).



## **Mr Mark E C White BVSc LLB DPM FRCVS**

**Specialism:** Veterinary Surgeon (pigs)

**Declared interests:** none

Mark White is a Royal College of Veterinary Surgeons recognised specialist in pig medicine working as a clinical veterinarian who qualified from University of Bristol in 1981.

Following a spell in general practice in Oxfordshire, he moved to East Yorkshire in 1983 to develop his interests in pig medicine where he remained for 30 years. During that time he provided first and second opinion advice to commercial pig farms with a particular emphasis on health management and control. He obtained the Certificate in Pig Medicine from the RCVS in 1987 and became the first to go on and then obtain the Diploma in Pig Medicine (1993), both by examination. Consultancy work for pig breeding and pharmaceutical companies led to overseas work as well as expanding within the UK.

Following retirement from Practice in Yorkshire Mark relocated to Herefordshire from where he now runs an independent pig consultancy business. He has served as Pig Veterinary Society President twice, chairs the medicines subgroup and has sat on BVA Council, Veterinary Policy Group and Medicines Group. He was veterinary advisor (pigs) to the 2017 Targets Task Force charged with reducing antibiotic usage in the pig sector. He has sat on the Farm Animal Welfare Committee since 2011.