

UK Expert Committee on Pesticides (ECP): members biographies

1 March 2022

Chairman

Professor William Cushley is Professor of Molecular Immunology and Assistant Vice-Principal (International) at the University of Glasgow, where he also serves as Co-Director of the Glasgow-Caribbean Centre for Development Research. His research interests are in B cell development in health and disease. He has served as chair of the board of trustee directors of the Babraham Institute in Cambridge and is the current Chair of Health and Life Science review panels for the European Science Foundation. Bill was first appointed to the ACP in 2014, his current appointment is until 31 December 2023.

No interests declared.

Deputy Chairman

Professor Rod Blackshaw is a soil ecologist with a background in ecotoxicology and pest management. He has particular interests in the functioning of soils, and the management of soil pests by understanding their population dynamics and behaviours at different spatial scales through the application of mathematical and statistical models. Previous roles have included Director of the Regional Food Technology Transfer Centre and Centre for Agricultural and Rural Sustainability, both at Plymouth University and farming on his own account. Rod was appointed to the ACP in 2014 and assumed the role of deputy Chairman at the beginning of 2018, his current appointment is until 31 December 2022.

Personal interests:

- Fellow of the Royal Entomological Society.
- Member of the Devon Wildlife Trust.
- Committee Member and Treasurer of Chudleigh Wild.

Members

Ms Helen Chambers is a Chartered Occupational Hygienist in the Health and Safety Executive. She specialises in understanding human exposure to hazardous substances and management of the risks presented in a wide range of workplaces. She has previously worked in water, pharmaceutical and wine making industries. Helen was appointed to the ECP in 2016, her current term of appointment is until 31 December 2022.

No interests declared.

Mr James Clarke is Research Director at ADAS. He specialises in crop production, especially sustainable agriculture, integrated farming and the impacts of arable farming on the environment. James is an Associate of Royal Agricultural Societies (ARAgS) and was Chairman of the Pesticides Forum, a member of the Advisory Committee on Pesticides (ACP). He is Chairman of UK Weed Resistance Action Group steering committee. James was appointed to the ECP in 2021, his current term of appointment is until 31 December 2024.

Non-personal interests:

- ADAS carries out work for crop protection companies, Defra and other government and levy bodies (e.g. AHDB) in respect to crop protection. ADAS is officially recognised as an efficacy testing organisation in the UK, and carries out work to this effect.

Mr Mark Dempsey is a Kew Gardens Mentor for the Grow Wild Project, Keep Britain Tidy International Green Flag Award judge which includes judging sites abroad and within the UK, Blue Flag judge (international quality beach award) and Purple Flag judge for the night time economy. He previously worked as support services manager in Calderdale Council. A founding member of the Northern Amenity Forum, Mark is also the lay member for environmental issues and was appointed to the ECP in 2016. His current term of appointment is until 31 December 2022.

No interests declared.

Professor Michael Eddleston is a clinical toxicologist working for the University of Edinburgh, Royal Infirmary of Edinburgh, and UK's National Poisons Information Service (NPIS). His research interests are in the human consequences and treatment of acute exposures to pesticides, both in the UK and globally, particularly in South Asia. He sits as a WHO Expert on the FAO/WHO Joint Meeting on Pesticide Management (JMPPM). Michael was appointed to the ECP in 2021, his current term of appointment is until 31 December 2024.

No interests declared.

Dr James Garratt is a Principal Consultant at Enviresearch, part of the RSK group. He is a scientist with a special interest and passion for the assessment of the risks of chemicals to the environment. He has been working with environmental models since 1996. His work has included many assessments of chemical fate for commercial clients, in particular where advanced (or higher-tier) assessments are required. He has also contributed to the advancement of science through his work on risk assessment in greenhouses; the MERLIN-Expo modelling tool; and sensitivity analysis in drainflow modelling. He is a member of the Institute of Professional Soil Scientists (IPSS) and the Society for Environmental Toxicology and Chemistry (SETAC). He is a Chartered Scientist and a regular reviewer of academic papers for research journals. James was appointed to the ECP in 2019, his current term of appointment is until 31 December 2022.

Personal interests:

- Employed by Enviresearch as a consultant on pesticide risk assessments. Enviresearch provides scientific consulting services to a range of chemical companies in support of product approvals.
- Formerly Managing Director of, and shareholder, in Enviresearch.
- Member of the Agrisciences Committee, which organises events that may be sponsored by companies in the pesticide (or other chemicals) industry.

Mr Martin Glynn is a Fellow of the Institute of Chartered Foresters and a Chartered Environmentalist. He is a graduate of the University College of North Wales (Bangor) and the Open University. As a self-employed consultant, he works with clients in the public, private and third sectors providing advice and support regarding business, market and workforce development in the forestry industry. Martin is Chair of the ICF North England Regional Group and represents the Institute on the Forestry & Climate Change Working Group. He is a Trustee of the Forest Industries Education Fund and was formerly a Non-Executive Director of the National Forest Company. Martin was appointed to the ECP in 2019, his current term of appointment is until 31 December 2022.

No interests declared.

Dr Caroline Harris is a Principal scientist at Exponent International. She previously worked as an analytical chemist for MAFF and as a regulator (latterly Head of Human Health) at the Chemicals Regulations Directorate. She continues to be involved with MRLs, import tolerances and pesticide residues in international trade. She also remains highly active in the field of consumer risk assessment. Caroline is a Fellow of the Royal Society of Chemistry and also a member of the UK's Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT). Formerly a member of the ACP, Caroline was appointed to the ECP in 2020. Her current term of appointment is until 31 December 2023.

Current personal interests:

- Employer is a scientific consultancy which undertakes work for a range of chemical companies in support of product approvals.
- Share holder of Exponent Inc.

Professor Edward Lock is Emeritus Professor of Industrial Toxicology at Liverpool John Moores University. His Research interests are in understanding the biochemical mechanisms whereby foreign chemicals produced selective toxicity to certain target organs. Organs of interest have included: kidney, brain, liver, lung and olfactory epithelium. Current research is focussed on treating a hereditary disorder of tyrosine catabolism called Acatonuria, a bone disorder, which is responding well to Nitisinone, a herbicide that is now accepted as a drug for treatment for this disorder. Ted is a honorary Fellow of the British Toxicology Society, Fellow Royal College of Pathologists and a Fellow of Academy of Toxicological Scientists. Ted was appointed to the ACP in 2012, his current term of appoint expires in 31 December 2022.

No interests declared

Dr Ruth Mann is Head of Integrated Crop Technologies at Agrii. Her broad research background is integrated disease management in agricultural and horticultural crops, sports surfaces and amenity areas. Ruth is also interested in how enabling technologies can progress crop production, especially within decision support systems and precision management. Ruth is also an approved trainer for BASIS Amenity Horticulture. Ruth was appointed to the ECP in 2017, her current term of appointment expires in 31 December 2024.

Non-personal interests:

- Agrii completes multiple trials for the pesticide industry and is officially recognised as an efficacy testing organisation in the UK. Ruth is responsible for the teams completing this work. Agrii also provide consultancy services and products, including advice on pesticides and distribution of pesticides to the agricultural and horticultural industries.
- Formerly employed at STRI which completes multiple trials for the pesticide industry internationally and is officially recognised as an efficacy testing organisation in the UK. She is responsible for the teams completing this work. STRI also provides consultancy services, including advice on pesticides to the sports turf industry.

Dr Martin Rose has worked for over 30 years as a government scientist with Fera (previously CSL, Defra, MAFF) with a focus on the application of analytical chemistry to studies on dietary exposure, toxicology, environmental pathways, environmental monitoring, food authenticity, ecotoxicology, risk assessment and contingency responses for environmental contaminants in food. He is a former head of UK National Reference Laboratory for chemical contaminants in food. Martin is a former member of the EFSA CONTAM and ANS Panels and is currently a member of several EFSA working groups. He is a member of the UK Government Scientific Advisory Committee Expert Group on Additives, Enzymes and other Regulated Products (part of Committee on Toxicity), a member of the FAPAS® advisory committee and a member of the all-Ireland *safe*food advisory committee. Since 2017, Martin has been working as an independent science consultant for organisations including Fera Science Ltd., the Universities of Manchester and Liverpool, United Nations (FAO and ITC) on publicly funded research projects, risk assessment activities, research project monitoring and evaluation, and supporting activities to implement food control systems in less developed countries. Martin has published widely, is an editorial board member for several journals and has supported the organisation of several international science conferences. Martin is a Fellow of the Royal Society of Chemistry where he is a Member of the Environment, Sustainability and Energy Division (ESED) Council and a committee member of the Food and Toxicology Interest Groups. Martin was appointed to the ECP in 2020, his current term of appointment is until 31 December 2023.

No interests declared.

Mr Patrick Stephenson heads up an agronomy partnership acting as a senior consultant to 100 farm clients covering 18,000 ha. He also serves as a Regional Agronomist with the National Institute of Agricultural Botany assisting with farm research and knowledge transfer. He has served as Chairman of the Association of

independent Crop Consultants, an organisation with over 270 members operating throughout the United Kingdom. He sits on the ADHB Cereals and Oil Seed Council and is Chair of the Recommended Wheat List. Patrick was appointed to the ECP in 2021, his current term of appointment is until 31 December 2024.

No interests declared.

Prof. David Spurgeon is an experienced ecotoxicological researcher who has worked on assessing the effects of anthropogenic stressors and pollution on soil communities for over 25 years. Following a PhD studentship and post-doc at Reading University (1991-1997) and NERC Advanced Fellowship at the Centre for Ecology and Hydrology (1998-2003), he has worked at the Centre for Ecology and Hydrology (Monks Wood/Wallingford) on research projects to understand the responses of soil communities to pollutants. He has published >130+ ISI researcher papers on topics in this area. He is a visiting Professor at Reading University. David was appointed to ECP for 2020, his current term of appointment is until 31 December 2022.

Personal interests:

- Lead co-ordinator of Syngenta ecological modeller research, UKRI Research Grant NE/S000244/2. Partnered with Syngenta in EU Horizon 2020 Marie Curie Training Network project CHRONIC 956009.
- CEH is involved in work with BASF material scientists in CEFIC LRI project Eco-59.

Prof. Matthew Wright is Professor of Toxicology at Newcastle University. He is also a member of the Stem Cells and Regenerative Medicine Group at the University. His research interests are in environmental chemicals and toxicity mechanisms, liver injury and the development of in vitro systems for modelling toxicity in the liver. He is also a member of the UK Committee on Toxicity. Matthew was appointed to the ECP in 2021, his current term of appointment is until 31 December 2024.

Personal interests:

- Involved in a contract study of in vitro metabolism of three Lubrizol products from April 2019 to May 2020.

Prof. Mick Whelan is an environmental scientist at the University of Leicester specialising in the fate of organic chemicals, such as pesticides and pharmaceutical ingredients, and the transfer of nitrogen and phosphorus from agricultural land to surface waters. He has a PhD in applied hydrology from Leeds and did post-doctoral research in Exeter and Milan. Before joining the University of Leicester, he held academic posts at Stirling and Cranfield Universities, complemented by five years working in environmental modelling for Unilever. He has recently worked on and led a number of NERC, Defra, Environment Agency and industry-funded projects to better understand pollutant fate and transport. Mick was appointed to the ECP in 2018, his current term of appointment is until 31 December 2022.

No interests declared

The Committee regularly reviews membership to ensure it has the right balance of expertise to meet the challenges it faces