



Annual Report 2022

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SACN's webpage is available at:

www.gov.uk/government/groups/scientific-advisory-committee-on-nutrition

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Foreword

It is my pleasure to introduce the 22nd annual report of the Scientific Advisory Committee on Nutrition (SACN) which covers the work of the committee in 2022. This is my third report as Chair of SACN since taking over the role in 2020.

SACN members found it beneficial to meet face to face in June 2022 for our two-day combined SACN meeting and horizon scan as well as for a few subgroup and working group meetings held throughout the year. All other meetings were held virtually.

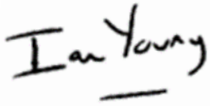
Between July and September 2022 SACN's [draft report "Feeding young children aged 1 to 5 years"](#) was open for public consultation. There was an excellent response to the consultation, with 22 interested parties submitting detailed and constructive comments. The Subgroup on Maternal and Child Nutrition (SMCN) is making good progress, considering comments received and finalising the report. It is hoped that the final report will be published in summer 2023.

Throughout 2022, the Nutrition and Maternal Health working group has progressed its risk assessment on maternal health; the Subgroup on the SACN Framework and Methods for Evidence Evaluation has continued to review the current SACN framework and [published an update in February 2023](#), as well as providing methodological support to SACN, SACN working groups and SMCN; and the joint working group with the Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT), has made good progress on its benefit:risk assessment on plant-based drinks consumption.

SACN has also continued to monitor the evidence on nutrition and COVID-19 and has published 4 monitoring papers in 2022. In November, SACN agreed to discontinue detailed monitoring, but will keep the topic on the watching brief. An additional working group has been set up in 2022 following a request from the Secretary of State for Health to consider aspects of vitamin D fortification.

SACN held a productive horizon scanning session at its June meeting this year, considering 11 different topics. As a result of discussions, members agreed to undertake future consideration of i) food processing and health, ii) definitions for wholegrain and iii) iodine. SACN has also committed to considering iron bioavailability. Development of a SACN position statement on food processing and health has already begun. I look forward to progressing all of these activities in 2023 and beyond.

I would like to give special thanks to Professor Lovegrove for providing much appreciated support as the Deputy Chair. Finally, I would like to thank members of the main committee, its subgroups and working groups, and the secretariat, for their commitment to the work of SACN in 2022.

A handwritten signature in black ink that reads "Ian Young". The signature is written in a cursive style with a horizontal line underneath the name.

Professor Ian Young, Chair

About the committee

The role of SACN is to provide independent scientific advice on, and risk assessments of, nutrition and related health issues. It advises the 4 UK health departments and other government departments and agencies.

Members are appointed as independent scientific experts on the basis of their specific skills and knowledge. The committee also includes 2 lay members.

SACN is a committee of the Office for Health Improvement and Disparities (OHID) within the Department of Health and Social Care (DHSC) supported in its work by a secretariat based in OHID.

The secretariat has scientific expertise that enables it to work closely with SACN members to draft risk assessments.

SACN's terms of reference are provided in Annex 1.

Openness

SACN is committed to values of openness and transparency. Where possible the committee's main meetings are held in open session and external observers have the opportunity to ask questions at the close of the meeting. However, meeting sessions relating to ongoing evidence evaluations and all working group and subgroup meetings are closed to external observers. This is to allow unconstrained discussion of the evidence and formulation of draft conclusions and recommendations before these are shared and finalised.

The agenda and papers for the open sessions of main committee meetings are published on the [SACN webpage](#) approximately 2 weeks before a meeting. Once agreed by members, the minutes of SACN, working group and subgroup meetings are also published on the SACN webpage.

Most SACN meetings this year were held virtually except for the SACN and horizon scan meetings held on 16 and 17 June respectively, the SMCN meeting held on 18 October and the joint SACN/COT working group (WG) meeting on plant-based drinks on 2 November, which were held in person with the option for members to attend online.

Membership

Details of membership of the committee, its working groups and subgroups can be found in Annex 2. Biographies of all members are provided in Annex 3.

Remuneration and committee finances

Remuneration and committee finances are shown in Annex 4.

Declarations of interests

SACN members are required to declare any potential or perceived interests at the time of their appointment and to declare any changes to their interests at the start of every meeting (SACN, its subgroups and working groups). Any changes to a member's declaration of interests are recorded in the minutes of the meeting.

In the interest of objectivity, SACN includes lay members and meetings are attended by observers from departments with responsibility for nutrition policy in each UK country. Further details of SACN's policy on openness and transparency can be found in the [SACN Code of Practice](#).

A [register of members' interests](#) is maintained on the SACN webpage. An updated version of the register is published shortly before each main SACN committee meeting. A snapshot of the register of interests is included in Annex 5.

Procedures

Meeting agendas are compiled from a number of sources including outstanding items from previous meetings, items suggested by the committee, outside bodies including other scientific advisory committees as well as items brought forward from the committee's work programme. Updates from SACN's subgroups and working groups and government updates from all 4 nations are regular features on the agenda.

SACN's work in 2022

This is the 22nd annual report of SACN and covers the calendar year 2022.

The main committee met four times, on: 11 March, 16 and 17 June and 11 November.

The SMCN met three times, on: 9 February, 11 May and 18 October.

The subgroup on SACN framework and methods for evidence evaluation met twice, on: 20 April and 8 September.

The nutrition and maternal health working group met three times, on: 31 January, 29 September and 7 December.

The joint SACN/COT working group on plant-based drinks met 3 times, on: 3 February, 6 May and 2 November.

The vitamin D fortification working group met once, on 4 October.

SACN continued to monitor the evidence on nutrition and COVID-19 and published 4 [monitoring papers](#) in 2022.

Work programme

The following topics were on the committee's main work programme:

- feeding children aged 1 to 5 years
- SACN framework and methods for evidence evaluation
- nutrition and maternal health
- plant-based drinks
- vitamin D fortification
- monitoring the evidence on nutrition and COVID-19

Horizon scanning

A horizon scan meeting was held on 17 June 2022. Topics discussed included:

- plant-based diets
- protein
- iodine

- fatty acids
- non-nutritive sweeteners
- interpretation of National Diet and Nutrition Survey Data (NDNS) in relation to Dietary Reference Values (DRVs)
- nutrition and the genome
- childhood obesity
- wholegrain
- ultra-processed foods
- vitamin D.

The [horizon scan minutes and topic specific meeting papers](#) have been published. As a result of discussions SACN agreed to take forward the following new pieces of work:

- food processing and health
- a step wise approach to considering **wholegrain**, firstly to agree a definition.
- a rapid review of **iodine** (to be started once resources allow)
- consideration of **vitamin D recommendations for dark skinned population groups** (expansion of current vitamin D fortification working group).

Watching brief

As agreed during 2022 horizon scan discussions, SACN agreed to keep a watching brief on the following items:

- plant-based diets
- protein
- omega-3 fatty acids
- non-nutritive sweeteners
- calcium
- folic acid
- nutrition and COVID-19.

The committee have also kept the following items on a watching brief, but as a lower priority: magnesium, selenium.

At the previous horizon scan the committee also agreed to consider iron bioavailability. SACN aims to begin consideration in 2023.

Nutrition and COVID-19

SACN has continued to monitor the evidence on nutrition and COVID-19 during 2022 through a series of scoping reviews outlining emerging evidence on nutrition and COVID-19. In March 2022, SACN agreed to move away from searching the literature towards relying on various communication channels to identify key evidence in this area. SACN has published 4 [monitoring papers](#) this year.

At the November 2022 SACN meeting, SACN agreed to discontinue monitoring the evidence on nutrition and COVID-19 and to keep the topic under review.

The monitoring exercise has indicated that nutrition interventions or improved nutritional status beyond current dietary recommendations will not prevent infection by SARS-CoV-2 or severe COVID-19 disease and that the evidence currently available does not merit additional nutritional measures to prevent COVID-19 or reduce its severity.

SACN have previously highlighted that several nutrients are involved with the normal functioning of the immune system and emphasised that most people can obtain all the vitamins and minerals required by eating a healthy, balanced diet and do not need to take supplements (other than specific advice around vitamin D and folic acid). The government continues to advise that during this time everyone follows a healthy, balanced diet, as illustrated by the [Eatwell Guide](#).

SACN's subgroups and working groups

The committee operates through subgroups and working groups comprising SACN members and co-opted specialists (for more information, please see the [SACN Code of Practice](#) and [Framework and methods for the evaluation of evidence that relates food and nutrients to health](#)). These groups develop recommendations and advice on specific areas of public health nutrition. These groups report back on progress to the main committee at each SACN meeting.

Subgroup on maternal and child nutrition

Background

SMCN is a specialist standing group that advises government on issues relating to maternal and child nutrition, an area in which health departments need regular scientific advice for policy making and for regulatory purposes.

The subgroup is chaired by SACN member Professor Ken Ong.

Terms of reference

The terms of reference for SMCN are to advise, through SACN, on aspects of maternal and child diet and nutrition, when advice is sought by OHID, the UK Health Departments or SACN.

Activity

The subgroup held 3 meetings in 2022 (9 February, 11 May, 18 October).

SMCN focused on progressing its risk assessment on feeding children aged 1 to 5 years.

This review forms part of a wider piece of work considering the scientific basis of current recommendations for feeding children up to 5 years of age, the first part of which, the ['Feeding in the first year of life' report](#), was published in 2018.

The terms of reference for this review are defined below.

- To review the scientific basis of current recommendations for complementary and young child feeding up to 5 years (60 months) of age. This second report covers young children aged 1 to 5 years of age.
- To consider evidence on developmental stages and other factors that influence eating behaviour and diversification of the diet in the early years.
- To review the nutritional basis for current dietary recommendations applying to breastfeeding mothers (where relevant to the health of the infant).
- To make recommendations for policy, practice and research.

At the first and second meeting, the subgroup discussed evidence grading, secondary analyses of data from the National Diet and Nutrition Survey, and the draft report recommendations.

The draft report was published for [public consultation](#) on 20 July 2022. The consultation closed on 20 September 2022.

At the third meeting, members considered the comments received in response to the consultation on the draft report.

The aim is for the final report to be published in summer 2023.

Subgroup on SACN framework and methods for evidence Evaluation (Framework subgroup)

Background

The previous version of the [SACN framework](#) was published in March 2020 after a 'light touch' refresh. This followed committee discussions in November 2018 and March 2019 where a broad range of issues for potential update were identified. The refresh addressed some straightforward issues. It was agreed, however, that a standing subgroup should be convened to address more complex issues and to provide ongoing support to SACN and its working groups on any methodological issues. This will also allow the framework to be a 'live' document that could be updated as required.

The Framework subgroup is chaired by SACN member Professor Julie Lovegrove.

Terms of reference

To provide methodological support to SACN and its subgroups and working groups, including to review the SACN framework for the evaluation of evidence to ensure it continues to be fit for purpose. This will include consideration of:

- the process of evaluation
- the scope of the evaluation
- the level of the evaluation
- how evidence is assessed
- how evidence is graded

Activity

The Framework subgroup held 2 meetings in 2022 (20 April and 8 September).

This year the Framework subgroup agreed approaches for grading the certainty of evidence and assessment tools for evaluating evidence quality. A draft revised Framework was presented for discussion at the SACN meeting in June 2022. An updated version of the Framework taking account of members' comments, was then considered at the November SACN meeting where members agreed the updated Framework for publication subject to a few minor changes.

An [updated Framework](#) was published in February 2023.

Nutrition and maternal health working group

Background

In 2019, SACN agreed to undertake a risk assessment on nutrition and maternal health and to establish a working group. The impact of COVID-19 on secretariat capacity meant that this work was paused in 2020 and resumed in 2021.

Terms of reference

- To review the scientific basis of current dietary recommendations for women during preconception, pregnancy and up to 24 months after delivery, in relation to maternal health and pregnancy-related outcomes (that is maternal outcomes during pregnancy, childbirth and up to 24 months after delivery).
- To make recommendations based on the review of the evidence.

The working group is chaired by SMCN member Professor Ann Prentice.

Activity

The nutrition and maternal health working group held 3 meetings in 2022 (31 January, 29 September and 7 December). This year the working group has:

- considered the initial findings from the systematic review of systematic reviews of evidence on the relationship between diet and nutritional status and maternal weight status, presented by the team from Leeds Beckett University who conducted the work
- discussed the literature search strategies for the wider risk assessment and agreed the inclusion and exclusion criteria for the evidence
- considered the systematic reviews identified by the literature search (conducted in July 2022) to inform the other outcomes and exposures of interest

- discussed the planned work programme including options to expedite parts of the risk assessment
- reviewed the National Diet and Nutrition Survey (NDNS) data on intakes of energy and nutrients and nutritional status measures in girls and women of childbearing age
- considered updates on the Committee on Toxicity (COT) work being undertaken to support this risk assessment.

At the WG meeting in December 2022, it was agreed that a staged approach be taken to publishing findings from this risk assessment and that evidence on maternal weight outcomes would be considered in the first stage as this topic area is of particular concern and policy relevance. The WG will aim to meet at least twice in 2023, with work being progressed with the support and input of topic leads outside the scheduled meetings.

Joint SACN/COT working group on plant-based drinks

Background

Plant-based drinks (PBD), such as soya, almond and oat drinks, are becoming increasingly popular in the UK for a variety of reasons. There has also been an increase in the range of these drinks available on the market. SACN and SMCN were asked to consider whether consumption of PBD by children under 5 years of age would present a risk to health from a nutritional perspective. The Committee on Toxicity (COT) examined the potential adverse toxicological health effects of soya, oat and almond drinks consumed as part of the infant and young child diet in its [‘Overarching statement on consumption of plant-based drinks in children aged 6 months to 5 years of age’](#) (2021).

On the basis of these assessments, it was agreed that a joint working group, comprising an independent chair (Professor Mike Kelly) and members of both COT and SACN/SMCN, should be established. Given the increasing availability and consumption of PBD in the UK, the committees also agreed that it would be beneficial to widen the benefit:risk assessment to cover the general population and not restrict considerations to young children.

Terms of reference

- To conduct a benefit:risk assessment considering both toxicological and nutritional aspects associated with the consumption of plant-based drinks by the UK population.
- Based on this benefit:risk assessment, to provide integrated advice to the UK health departments.

Activity

The joint SACN/COT WG has held three meetings on: 3 February, 6 May and 2 November 2022. To date, the joint working group has considered:

- the assessments conducted to date by SACN/SMCN and COT on nutritional and toxicological considerations associated with plant-based drink consumption, respectively
- data on consumption and purchase of plant-based drinks
- findings from a rapid scoping search exploring the available evidence on plant-based drinks and nutrition-related outcomes
- iterations of a substitution analysis modelling the impact on nutrient intakes of replacing all cows' milk with plant-based drinks (soya, oat and almond and 3 scenarios for each: ideal, typical and worse case) and also with water in different population age groups
- the use of the BRAFO (Benefit Risk Analysis for Foods) methodology for assessing the evidence informing this risk assessment.

A call for evidence was issued for 1 month from 11 March to 10 April 2022 seeking to identify relevant research and information on plant-based drinks that may not have been identified through the literature searches conducted by the secretariat. Information was also sought directly from manufacturers of plant-based drinks. Responses to this call were considered by the working group at its meeting in May 2022.

The aim is for a joint SACN/COT statement to be published in 2023.

Vitamin D fortification working group

Background

The vitamin D fortification working group was established to undertake a rapid review in response to a request from the Secretary of State for Health to consider options for improving vitamin D intakes and vitamin D status of the UK population and for reducing disparities.

The SACN vitamin D fortification working group aims to provide scientific advice on the potential of mandatory vitamin D food fortification for the UK population to achieve UK dietary recommendations for vitamin D.

At the SACN horizon scan meeting in June 2022 it was agreed that the WG should review evidence published since the [2016 SACN Vitamin D and health report](#) on vitamin D requirements of dark-skinned population groups.

Terms of Reference

1. Consider the potential impact of mandatory fortification of food(s) with vitamin D. This will include:
 - (a) consideration and interpretation of models to assess the potential impact of mandatory vitamin D fortification on achievement of UK dietary recommendations and avoidance of intakes above tolerable upper intake levels
 - (b) review of the experiences from countries with existing vitamin D fortification programmes and their impact on vitamin D intakes and vitamin D status
 - (c) consideration of factors that could affect the potential efficacy of vitamin D fortification in the UK including habitual diet, life stage, inequalities, ethnicity and UVB sunshine exposure
 - (d) a review of the efficacy of different forms of vitamin D for use as a food fortificant.
2. Consider whether there is evidence published since the [SACN Vitamin D and Health report \(2016\)](#) that would impact upon the existing recommendations for vitamin D intake and vitamin D status.

Activity

The first WG meeting was held on 4 October 2022. Members discussed the first draft of the rapid scoping review of international vitamin fortification practices as well as the approach to reviewing the evidence for the rapid review of the efficacy of different forms of vitamin D (D₂ and D₃).

An update of this work was presented to SACN at the November meeting for discussion. The aim is to publish these papers in summer 2023.

The WG will consider the timeline for reviewing the evidence regarding vitamin D requirements of dark-skinned population groups in 2023 following completion of other aspects of this review and will publish this work separately.

Annex 1

SACN's terms of reference

SACN is a committee of OHID. It provides independent scientific advice on, and risk assessment of, nutrition and related health issues. It advises the 4 UK governments and is supported by a scientific secretariat based at OHID.

SACN's advice covers the scientific aspects of nutrition and health with specific reference to:

- nutrient intakes and nutritional status of the population
- nutrient content of individual foods and advice on individual nutrients and diet as a whole, including the definition of a balanced diet
- monitoring and surveillance of the above aspects
- nutritional issues which affect wider public health policy issues including conditions where nutritional status is one of a number of risk factors (such as cardiovascular disease, cancer, diabetes, oral health, osteoporosis and obesity)
- research requirements for the above.

Consideration of vulnerable groups (such as infants, adolescents and older adults), racially and ethnically diverse groups and health inequality underpins all SACN's evidence evaluations. Where relevant, and when available evidence allows, SACN also considers beliefs and cultural influences.

SACN's remit is to assess the benefits and risks of nutrients, dietary patterns, food or food components to health by evaluating scientific evidence and to make dietary recommendations for the UK population (including vulnerable and/or diverse groups) based on its assessment.

Before providing advice, SACN assesses possible nutritional or health risks that may be associated with implementing particular recommendations such as potential risks of excess intakes or adverse impacts on other health outcomes or nutrients. In addition, principal residual areas of uncertainty are identified and form recommendations for further research.

SACN's role is to assess scientific information (risk assessment) to assist policy making and translation into advice (risk management), which is the responsibility of government health departments. The committee does not advise on how recommendations are taken forward for policy nor evaluate their wider implications (for example, agricultural, political, economic).

Sustainability issues are also outside of SACN's remit, but certain aspects may be addressed where relevant or at request of UK government. For example, in relation

to: (a) nutritional implications, such as consideration of both plant and animal sources of nutrients and differences in their bioavailability; (b) implications of dietary recommendations to promote more sustainable diets, such as whether availability of the main dietary sources of nutrients under consideration is likely to be sufficient to meet nutritional recommendations or potential alternative dietary sources if availability of the main dietary sources is likely to be insufficient.

SACN has a public health focus, therefore the treatment of disease is outside the committee's remit unless specifically requested. Consideration of issues related to alcohol, other than as a source of energy, is also outside SACN's remit.

Annex 2

Membership of the committee

Chair Professor Ian Young
Professor of Medicine, Queen's University Belfast

Deputy Chair

Professor Julie Lovegrove
Professor of Human Nutrition, Director of the Hugh Sinclair Unit of Human Nutrition and Deputy Director for the Institute for Cardiovascular and Metabolic Research, University of Reading

Other members

Professor Jean Adams
MRC Investigator and Professor, MRC Epidemiology Unit, University of Cambridge

Professor Susan Fairweather-Tait
Professor of Human Nutrition (Mineral Metabolism), Norwich Medical School, University of East Anglia

Ms Gill Fine
Public Health Nutritionist

Dr Darren Greenwood
Senior Lecturer in Biostatistics, University of Leeds

Professor Paul Haggarty
Deputy Director, Rowett Institute of Nutrition and Health, University of Aberdeen

Professor Mairead Kiely
Head of School of Food and Nutritional Sciences, University College Cork

Professor Susan Lanham-New
Head of the Nutritional Sciences Department, University of Surrey

Dr David Mela (member with technical industry expertise)
Retired

Professor Ken Ong
MRC Investigator and Professor of Paediatric Epidemiology, MRC
Epidemiology Unit and Department of Paediatrics, University of
Cambridge

Mrs Gemma Paramor (Lay member)
Finance professional in accounting and investment management

Professor Lucilla Poston
Tommy's Professor of Maternal and Fetal Health, Head of School of
Life Course and Population Sciences, King's College London

Professor Sian Robinson
Professor of Lifecourse and Lifestyle, Newcastle University

Dr Stella Walsh (Lay member)
Retired academic

Professor Kevin Whelan
Professor of Dietetics, Head of the Department of Nutritional Sciences,
King's College London

Professor Charlotte Wright
Professor of Community Child Health, University of Glasgow

Observers Dr Naresh Chada
Department of Health, Northern Ireland

Ms Naomi Davidson
Food Standards Agency Northern Ireland

Ms Alana McDonald
Food Standards Scotland

Dr Sarah Rowles
Welsh Government

Mrs Debby Webb
Department of Health and Social Care, England

Secretariat Office for Health Improvement and Disparities

Dr Rachel Allen

Ms Haley Bell

Ms Martina Brayley

Ms Susannah Brown

Ms Amber Clarke

Dr Adrienne Cullum

Ms Rachel Elsom

Ms Estella Hung

Ms Neeve Pearce

Ms Mamta Singh

Mr Heiko Stolte

Ms Celia Sabry-Grant

Ms Gillian Swan

Ms Rachael Wall

Membership of the Subgroup on Maternal and Child Nutrition (SMCN)

Chair Professor Ken Ong
MRC Investigator and Professor of Paediatric Epidemiology, MRC Epidemiology Unit and Department of Paediatrics, University of Cambridge

Other members

Dr Robert Boyle
Clinical Reader in Paediatric Allergy, Faculty of Medicine, National Heart & Lung Institute, Imperial College London

Professor Marion Hetherington
Professor Emerita, School of Psychology, University of Leeds

Professor Alan Jackson (co-opted external expert)
Professor of Human Nutrition, University of Southampton

Professor Mairead Kiely (SACN member)
Head of School of Food and Nutritional Sciences, University College Cork

Dr Sophie Moore (co-opted external expert)
Reader in Global Women and Children's Health, Kings College London

Professor Paula Moynihan
Director, Food and Health, Faculty of Health and Medical Sciences, The University of Adelaide

Professor Lucilla Poston (SACN member)
Tommy's Professor of Maternal and Fetal Health, Head of School of Life Course and Population Sciences, King's College London

Professor Ann Prentice OBE
Former Director of the MRC Elsie Widdowson Laboratory, Cambridge, Programme Leader of the MRC Nutrition and Bone Health Research Group in Cambridge and the MRC Unit, The Gambia, and Honorary Professor of Global Nutrition and Health, University of Cambridge. Currently Honorary Senior Visiting Fellow at the MRC Epidemiology Unit, University of Cambridge

Professor Siân Robinson (SACN member)
Professor of Lifecourse and Lifestyle, Newcastle University

Dr Stella Walsh (SACN member)
Lay member

Professor Charlotte Wright (SACN member)
Professor of Community Child Health, University of Glasgow

Observers

Ms Nikki Anderson
Food Standards Scotland

Dr Naresh Chada
Department of Health, Northern Ireland

Dr Fiona Comrie
Food Standards Scotland

Ms Naomi Davidson
Food Standards Agency Northern Ireland

Ms Karen Jewell
Welsh Government

Mrs Debby Webb
Department of Health and Social Care, England

Membership of the Subgroup on SACN Framework and Methods for Evidence Evaluation

Chair Professor Julie Lovegrove
Professor of Human Nutrition, Director of the Hugh Sinclair Unit of Human Nutrition and Deputy Director for the Institute for Cardiovascular and Metabolic Research, University of Reading

Other members

Dr Russell de Souza (co-opted external expert)
Associate Professor, Department of Health, Research Methods, Evidence and Impact, McMaster University, Canada

Dr Darren Greenwood (SACN member)
Senior Lecturer in Biostatistics, University of Leeds

Dr David Mela (SACN member) (member with technical industry expertise) Retired

Professor Ken Ong (SACN member)
MRC Investigator and Professor of Paediatric Epidemiology, MRC Epidemiology Unit and Department of Paediatrics, University of Cambridge

Mrs Gemma Paramor (SACN member) Lay member

Professor Ian Young (SACN member)
Professor of Medicine, Queen's University Belfast

Membership of the Nutrition and Maternal Health Working Group

Chair Professor Ann Prentice OBE
Former Director of the MRC Elsie Widdowson Laboratory, Cambridge, Programme Leader of the MRC Nutrition and Bone Health Research Group in Cambridge and the MRC Unit, The Gambia, and Honorary Professor of Global Nutrition and Health, University of Cambridge. Currently Honorary Senior Visiting Fellow at the MRC Epidemiology Unit, University of Cambridge

Other members

Professor Annie Anderson (co-opted external expert)
Professor of Public Health Nutrition, University of Dundee

Professor Basma Ellahi (co-opted external expert)
Professor of Public Health Nutrition, Faculty of Health and Social Care, University of Chester

Dr Darren Greenwood (SACN member)
Senior Lecturer in Biostatistics, University of Leeds

Professor Paul Haggarty (SACN member)
Deputy Director, Rowett Institute of Nutrition and Health, University of Aberdeen

Professor Mairead Kiely (SACN member)
Head of School of Food and Nutritional Sciences, University College Cork

Professor Susan Lanham-New (SACN member)
Head of the Nutritional Sciences Department, University of Surrey

Professor Lucilla Poston (SACN member)
Tommy's Professor of Maternal and Fetal Health, Head of School of Life Course and Population Sciences, King's College London

Professor Siân Robinson (SACN member)
Professor of Lifecourse and Lifestyle, Newcastle University

Dr Stella Walsh (SACN member)
Lay member

Observers

Dr Fiona Comrie
Food Standards Scotland

Ms Naomi Davidson
Food Standards Agency Northern Ireland

Mr Douglas Hedley
Food Standards Agency

Dr Sarah Rowles
Welsh Government

Ms Karen Todd
Department of Health and Social Care, England

Membership of the joint SACN/COT Plant-Based Drinks Working Group

Chair Professor Mike Kelly (Independent)
Senior Visiting Fellow, Primary Care Unit, Department of Public Health and Primary Care, University of Cambridge

Other members

Professor Alan Boobis (COT Chair)
Emeritus Professor of Toxicology in the Faculty of Medicine at Imperial College London

Dr Caroline Harris (COT member until end of March 2022)
Corporate vice president, Practice Director and Principal Scientist, Exponent International Ltd

Professor Tim Key (co-opted external expert)
Professor of Epidemiology and Deputy Director, Cancer Epidemiology Unit, Nuffield Department of Population Health, University of Oxford

Professor Gunter Kuhnle (COT member)
Professor of Nutrition and Food Science at the University of Reading

Professor Sue Lanham-New (SACN member)
Head of the Nutritional Sciences Department, University of Surrey

Professor Ken Ong (SMCN chair / SACN member)
MRC Investigator and Professor of Paediatric Epidemiology, MRC Epidemiology Unit, University of Cambridge

Observers Dr Naresh Chada
Department of Health, Northern Ireland

Ms Lesley Curtis
Food Standards Scotland

Ms Naomi Davidson
Food Standards Agency in Northern Ireland

Dr Sarah Rowles
Welsh Government

Mrs Debby Webb
Department of Health and Social Care, England

Membership of the Vitamin D Fortification Working Group

Chair Ms Gill Fine (SACN member)
Public Health Nutritionist

Other members

Professor Susan Fairweather-Tait (SACN member)
Professor of Human Nutrition (Mineral Metabolism), Norwich Medical School, University of East Anglia

Dr Darren Greenwood (SACN member)
Senior Lecturer in Biostatistics, University of Leeds

Professor Paul Haggarty (SACN member)
Deputy Director, Rowett Institute of Nutrition and Health, University of Aberdeen

Professor Mairead Kiely (SACN member)
Head of School of Food and Nutritional Sciences, University College Cork

Professor Susan Lanham-New (SACN member)
Head of the Nutritional Sciences Department, University of Surrey

Dr Sophie Moore (co-opted external expert)
Reader in Global Women and Children's Health, Kings College London

Professor Lucilla Poston (SACN member)
Tommy's Professor of Maternal and Fetal Health, Head of School of Life Course and Population Sciences, King's College London

Dr Stella Walsh (SACN member) Lay member
Retired academic

Observers Dr Naresh Chada
Department of Health, Northern Ireland

Ms Naomi Davidson
Food Standards Agency in Northern Ireland

Ms Alana McDonald
Food Standards Scotland

Dr Sarah Rowles
Welsh Government

Mrs Debby Webb
Department of Health and Social Care, England

Annex 3

Committee members' biographies

Professor Ian Young (SACN Chair)

Professor of Medicine at Queen's University Belfast and Deputy Medical Director and Consultant Chemical Pathologist at the Belfast Health and Social Care Trust. In addition, he is Chief Scientific Advisor to the Department of Health (Northern Ireland) and Director of Health and Social Care Research and Development for Northern Ireland. His main clinical and research interests are in lipid metabolism, carbohydrate metabolism and antioxidants, particularly in relation to the prevention of cardiovascular disease. He is an author of over 450 published research papers and is deputy editor of the journal *Clinical Chemistry*. He frequently speaks at national and international meetings on lipid management and topics related to laboratory medicine.

Professor Julie Lovegrove (Deputy Chair)

Professor of Human Nutrition at the University of Reading, Director of the Hugh Sinclair Unit of Human Nutrition and the Deputy Director of the Institute for Cardiovascular and Metabolic Research (ICMR). Her main areas of research interest are the investigation of nutritional influences on cardiovascular disease risk, including nutrient/gene interactions and personalised nutrition. Of particular interest are the effects of dietary fats, carbohydrates and phytochemicals on vascular reactivity, insulin resistance and lipid metabolism in different population groups. She also has experience and interest in ethical issues associated with human research and Chairs the University Research Ethics Committee. She was Chair of the Accreditation Committee for the Association for Nutrition (AfN) and Deputy Chair of Council for AfN until 2019. She is a member of the Medical Research Council's Populations and Systems Medical Board committee and is a member of two International Life Science Institute (ILSI) working groups. She was awarded a Fellowship of the AfN in 2013. She is President of the Nutrition Society for UK and Ireland.

Professor Jean Adams

Medical Research Council (MRC) Investigator and Professor at the MRC Epidemiology Unit, University of Cambridge. She is a public health researcher with particular interests in population-level influences on and interventions to improve dietary public health. She has formal training in medicine, epidemiology, public health, health psychology and science communication. Prof Adams is a member of DHSC's Obesity Policy Research Unit's Advisory Group and a member of the National Diet & Nutrition Survey's Scientific Advisory Group.

Professor Susan Fairweather-Tait

Professor of Human Nutrition at Norwich Medical School, University of East Anglia. Her main research interests are mineral metabolism and micronutrient requirements, in particular iron, and she has over 300 peer-reviewed publications. She is currently Chair of the UK Nutrition and Health Claims Committee (UKNHCC) and the Food and Agriculture Organization (FAO)/World Health Organization (WHO) expert group on nutrient requirements for children aged 0 to 36 months, and a member of the Food Standards Agency (FSA) Advisory Committee on Novel Foods and Processes (ACNFP), the Scientific Advisory Group for the New Nordic Nutrition Recommendations, and the Technical Advisory Group for Global Anemia Exemplars. Since Sept 2021, she represents SACN on ACNFP and the project board for the National Diet and Nutritional Survey (NDNS). She was elected a Fellow of the American Society for Nutrition in 2017 and an Honorary Fellow of the UK Nutrition Society in 2021.

Ms Gill Fine

Independent Public Health Nutritionist. She currently serves as a Trustee and Scientific Governor at the British Nutrition Foundation (BNF). She was the Independent Board Member for the Agriculture and Horticulture Development Board Beef and Lamb Sector Board from 2014 until the end of her second term in March 2020. From 2004 to 2010, she was Director of Consumer Choice and Dietary Health at the FSA and was responsible for the strategic direction and the delivery of the FSA's Eating for Health and Choice programme. This wide remit comprised nutrition, genetically modified (GM) foods, supplements, organics, additives, novel foods, food standards and general food labelling. She was also responsible for agreeing the overall direction of the Agency's research portfolio across the group's remit. She has first-hand experience of a wide range of food and dietary policies and how they impact on public health. She has served on several government committees and was previously a member of SACN from 2001 to 2004.

Dr Darren Greenwood

Senior Lecturer in Biostatistics, School of Medicine, University of Leeds. His research focuses on the development and application of statistical methods in nutrition and perinatal epidemiology. Recent research includes meta-analysis of observational studies, pooling individual participant data across separate studies, and correcting for measurement error and incomplete data in nutrition epidemiology. Current work includes investigation of dietary patterns in relation to health outcomes and validation of dietary assessment tools using objective recovery and predictive biomarkers. He is the current Director of the WHO Collaborating Centre for Nutritional Epidemiology, has authored over 200 research articles, served on the Royal Statistical Society Medical Section committee and is a regular statistical reviewer for a number of leading international journals.

Professor Paul Haggarty

Deputy Director of the Rowett Institute of Nutrition and Health, University of Aberdeen and Deputy Lead on a multi-disciplinary UK Research and Innovation (UKRI)/Global Challenges Research Fund (GCRF) Action against Stunting hub designed to reduce global undernutrition and stunting in children. His research is concerned with the dietary and social determinants of health, transgenerational effects, the influence of early life, and the interaction between nutrition and the human genome. He works on epigenetics and nutritional metabolism, primarily in large population-based cohorts in the UK and Internationally. He represents SACN on the UK COT. He is Chair of the Biotechnology and Biological Sciences Research Council (BBSRC) Bioscience for an Integrated Understanding of Health Strategy Advisory Panel. His research is funded by Scottish Government and UKRI.

Professor Mairead Kiely

Professor in Nutrition and Head of the School of Food and Nutritional Sciences at University College Cork (UCC), Ireland. Mairead is co-Chair of the Cork Centre for Vitamin D and Nutrition Research and leads the Maternal and Child Nutrition Research platform at the INFANT research centre, UCC. Her research is mainly in micronutrients and maternal and child nutrition and development. She has conducted many studies on vitamin D and health throughout the life course. She is a member of the Royal Irish Academy, and is registered with AfN.

Professor Susan Lanham-New

Professor of Human Nutrition and Head of the Nutritional Sciences Department at the University of Surrey. Her research focuses on nutrition and bone health with a particular emphasis on vitamin D. She has won a number of awards including the Nutrition Society Silver Medal for her work showing a link between acid-base homeostasis and skeletal integrity; the 2018/2019 BNF Prize for her work on nutrition and musculoskeletal Health and the 2021 Royal Philosophical Society of Glasgow Medal for her work on vitamin D. She is editor of the first academic Textbook on Nutritional Aspects of Bone Health. She is Editor-in-Chief of the Nutrition Society Textbook Series. She is a member of the Bone Research Academy and the Nutrition Forum for the Royal Osteoporosis Society; a Trustee of the BNF and Honorary Secretary for the Nutrition Society. She is a Fellow of the Society of Biology and Fellow of the AfN. She led an application for Nutritional Sciences at Surrey that won the 2017/2018 Queen's Anniversary Prize for Higher Education, which is the first time the Prize has been awarded to nutritional sciences. Her research is funded by the BBSRC, MRC, the Ministry of Defence and medical charities and she has published more than 200 scientific peer reviewed papers.

Dr David Mela

An independent advisor and consultant in nutrition since retiring in 2019 from his role as a Senior Scientist at Unilever R&D, which followed an academic research career in the US and UK. He has published over 100 professional papers, mainly in the biological and behavioural aspects of food choice, eating behaviour and energy balance, ranging from consumer research through energy metabolism. At Unilever, he was involved with research programmes to assess the potential health and wellness impacts of different dietary guidance, foods and ingredients, and the management of specific technical and regulatory issues. He has also participated in a wide range of academic and trade groups involved in the evaluation, commissioning and delivery of research in nutrition and health.

Professor Ken Ong

MRC Investigator and Professor of Paediatric Epidemiology at the MRC Epidemiology Unit and Department of Paediatrics, University of Cambridge. His research identified rapid postnatal growth, weight gain and early reproductive timing as determinants of and also potential targets for prevention of childhood obesity, type 2 diabetes and related disorders. His programme examines the mechanisms that underlie these life-course trajectories to disease risk and works closely with other Unit programmes to develop and test early life behavioural interventions to prevent childhood obesity. He is also an honorary consultant paediatric endocrinologist and clinical lead for childhood obesity at the Cambridge University Hospitals NHS Trust. He also represents SACN on the FSA COT.

Mrs Gemma Paramor

Finance professional, who has worked in both the accounting and investment management industries, and a member of the Institute of Chartered Accountants of England and Wales. In her current employment at Veritas Investment Partners (UK) Limited, she is focused on investing in the global healthcare sector. She is accustomed to the interpretation of scientific data, is a practiced decision-maker with a focus on risk assessment and has considerable experience of communicating complex healthcare issues to a non-expert audience. Gemma studied Biological Sciences at Oxford University and is the mother of two children.

Professor Lucilla Poston

Tommy's Professor of Maternal and Fetal Health, King's College London and Head of the School of Life Course and Population Sciences. Her research focuses on the consequence of exposures in utero for life-long health of the child, particularly in relation to maternal nutritional status and gestational diabetes. She is a member of the Early Nutrition Academy and President of the International Society for the Developmental Origins of Health and Disease.

Professor Siân Robinson

Professor of Lifecourse and Lifestyle at Newcastle University. She is a nutritional epidemiologist, with a background in population lifecourse studies - previously having worked on a number of national and international birth cohorts. Her main research interests are in lifecourse influences of diet and lifestyle on health in later life, with a particular focus on inequalities in health in older age, and translational research to inform preventive and treatment strategies.

Dr Stella Walsh

Experienced lay member who has served on several government and industry committees and has responded to consultations on behalf of consumers. She is a member and previous secretary of the National Consumer Federation (NCF). She has a long-standing interest in food, nutrition and health. She has been a consumer member on the Institute of Grocery Distributors and on other FSA and Defra committees. Until 2015, she was also a consumer member on the Veterinary Residues Committee.

Professor Kevin Whelan

Professor of Dietetics and Head of Department of Nutritional Sciences at King's College London. He has an extensive research portfolio in relation to fibre, prebiotics and fermentable carbohydrates. He has served eight years on the National Institute for Health Research (NIHR) Lectureships grants panel; has been a Member of Council and is on the Advisory Committee for the BNF; is a Founding Trustee of the Academy of Nutrition and was a member of the International Life Sciences Institute (ILSI) Europe Expert Panel on Prebiotics for two years.

Professor Charlotte Wright

Until 2022 she was professor of Community Child Health at Glasgow University and honorary consultant paediatrician at the Royal Hospital for Children in Glasgow; she is now an honorary Senior research fellow at Glasgow University. She trained as a clinician and as an epidemiologist. Her interests are in understanding and addressing the causes of undernutrition in childhood, promoting healthy childhood nutrition and improving the assessment of growth and body composition and eating behaviour. She headed the group who designed new UK growth charts and has a longstanding interest in growth screening. In her clinical role, she ran a specialist feeding clinic and has been involved in a range of public health nutrition issues, particularly the promotion of breastfeeding. She has published 128 peer reviewed articles as well as book chapters and editorials.

Biographies for those who are not members of SACN

Subgroup on Maternal and Child Nutrition (SMCN)

Dr Robert Boyle

Clinical Reader in Paediatric Allergy, Faculty of Medicine, National Heart & Lung Institute, Imperial College London. He is also joint coordinating editor of the Cochrane Skin Group and a member of the editorial board at the evidence synthesis charity Cochrane. His clinical training is in paediatric allergy and his research aims to develop interventions for the prevention of allergic conditions such as eczema and food allergy. He has expertise in evidence synthesis and critical appraisal, and his group at Imperial have undertaken evidence syntheses for the UK FSA which influenced infant feeding guidance in the UK and internationally. He is a member of the UK Nutrition and Health Claims Committee (UKNHCC) and joint editor in chief of the UK journal of Clinical and Experimental Allergy.

Professor Marion Hetherington

Professor Emerita in Biopsychology, School of Psychology, University of Leeds and Affiliate Professor, Department of Nutritional Sciences, The Pennsylvania State University. Former Thomas Ward Endowed Chair in Psychology. First appointed to a Chair in Biopsychology in 2001 at the University of Liverpool; with specialist interests in infant feeding and the psychology of eating behaviour. Deputy Editor in Chief, Appetite and past President of the Society for the Study of Ingestive Behavior. Recent research has focussed on portion size control in children and creative use of packaging to nudge consumers towards smaller portions of high energy density, highly palatable foods.

Professor Alan Jackson

Professor Emeritus of Human Nutrition, University of Southampton. He was appointed to the first Chair in Human Nutrition in an undergraduate medical school in the UK in 1985. From 2001 until 2010 he was Chair of SACN. He trained in paediatrics before taking up a post caring for severely malnourished children and carrying out research to determine the adaptive mechanisms that come into play in that condition and need to be addressed for successful therapy.

Dr Sophie Moore

Reader in Global Women and Children's Health, Department of Women and Children's Health, King's College London. Her current research focuses on mechanisms through which maternal, infant and childhood nutrition influence infant development and life-course health. Much of her current research is based at The

Medical Research Council Unit, The Gambia (MRCG) at the London School of Hygiene and Tropical Medicine. She is an Honorary Senior Research Fellow at MRCG and an Honorary Associate Professor at LSHTM. She has recently been awarded a Wellcome Trust Senior Research Fellowship focused on micronutrient interventions to improve infant neurocognitive development and growth in early infancy.

Professor Paula Moynihan

Director, Food & Health in the Faculty of Health & Medical Sciences at The University of Adelaide, Australia. She is a Registered Nutritionist (Public Health) and Registered Dietitian (UK). For thirty years, her research has focused on the interrelationship between nutrition and oral health across the life-course. She was previously Director of the Centre for Oral Health Research at Newcastle University (2013 to 2019). Between 2002 and 2019, she was Director of the WHO Collaborating Centre in Nutrition & Oral Health hosted by Newcastle University UK. She has served as an expert advisor on nutrition and oral health to the WHO for 20 years, including advisor to the WHO Nutrition Guidance Expert Advisory Group (NUGAG) Sub-Panel on Diet and Health during the development of the WHO Guideline on Sugars Intake for Adults and Children, and guidance on carbohydrates. She is a member of the European Food Safety Authority (EFSA) working group on added sugars (2017 to 2021). She was recipient of The Nutrition Society Silver Medal in 2004. In 2010 she received an International Association for Dental Research (IADR) Distinguished Scientist Award for Geriatric Oral Research. She was president of the IADR in 2019 to 2020, serving on the Board from 2017 to 2021. She has over 130 peer reviewed publications and has served on the editorial or advisory boards of Nutrition (Applied and Basic Nutritional Sciences), the Journal of Dental Research, Community Dentistry and Oral Epidemiology, Gerodontology and Journal of Dental Research Clinical Translational Research (from 2022).

Professor Ann Prentice

Former Programme Leader of the MRC Nutrition and Bone Health (NBH) Research Group, Cambridge and Head of the Calcium, Vitamin D and Bone Health research team at MRC Unit, The Gambia. She was Director of the MRC Elsie Widdowson Laboratory, Cambridge from 1998 to 2018. She is currently hosted by the MRC Epidemiology Unit at the University of Cambridge where previously she was appointed Honorary Professor of Global Nutrition and Health. Her main research interests are nutritional aspects of bone health, rickets and osteoporosis; dietary requirements for human growth, pregnancy and lactation and old age, with particular reference to micronutrients. She has published extensive peer-reviewed articles, book chapters and reports. She was President of the Nutrition Society (from 2004 to 2007). She has also served on a number of national and international advisory committees, including COMA's Subgroup on Nutrition and Bone Health. Ann is an Honorary Professor of the University of Witwatersrand, South Africa and Shenyang

Medical College, PR China, and an Honorary Doctor of the University of Surrey. She is also an Honorary Senior Visiting Fellow at the University of Cambridge and an Honorary Senior Research Fellow of the MRC Unit The Gambia at the London School of Hygiene and Tropical Medicine. She is an Honorary Fellow of the Nutrition Society, the Association for Nutrition (AfN) and the Royal College of Paediatrics and Child Health (RCPCH) and is an elected Fellow of the International Union of Nutritional Sciences, the Academy of Medical Sciences and the Royal Society of Biology. She was appointed an Officer of the Order of the British Empire (OBE) in the Birthday Honours List of 2006. Professor Prentice was a member of SACN from 2001 to 2010 and then became Chair of SACN until 2020.

Subgroup on the SACN Framework and Methods for Evidence Evaluation

Dr Russell de Souza

Associate Professor at McMaster University in Canada. He is a registered dietitian and nutritional epidemiologist. He received his doctoral degree in nutritional epidemiology from the Harvard School of Public Health. He completed post-doctoral training in systematic reviews and randomized trial methodology jointly at McMaster University and St. Michael's Hospital (Toronto). His work focuses on dietary factors that influence chronic disease throughout the lifespan, with a particular interest in macronutrients, dietary patterns and cardiovascular disease. His research interests are: Nutrition and cardiovascular disease; methodological approaches to randomized controlled trials and meta-analyses; nutrition and early-life risk factors for chronic disease.

Nutrition and Maternal Health Working Group

Professor Annie Anderson

Professor of Public Health Nutrition and Co-director of the Centre for Research into Cancer Prevention and Screening at the School of Medicine, University of Dundee. Her main research interests are on theory based, behaviourally focused dietary and obesity (population and individual) interventions with a special interest in cancer prevention, maternal nutrition and food policy. She was a member of SACN between 2001 and 2011. She has participated as an expert advisor for the WHO International Agency for Research on Cancer (IARC), National Institute for Health and Care Excellence (NICE), DHSC, FSA and Scottish Government Advisory Committees on topics ranging from infant feeding survey design, obesity and cancer prevention to Food and Drink Policy development. She was President of the UK Society for

Behavioural Medicine during 2019 to 2021, elected Fellow of the College of Physicians (Edinburgh) and member of the Nutrition Society and British Dietetic Association.

Professor Basma Ellahi

Professor Basma Ellahi is a Public Health Nutritionist with experience in senior management, teaching and research. She is a fellow of the higher education academy in the UK and a Registered Nutritionist with the Association for Nutrition (AfN) in the UK and a member of the Nutrition Society of UK and Ireland as well as both the African and Pakistani Nutrition societies. She is section editor for the Journal of Population Health and Nutrition.

She recognises the importance of good quality education for nutritionists and has been involved in capacity building workshops on the African and Asian subcontinent. Her research interests focus on the health and wellbeing of diverse minority communities and in particular south Asians using both quantitative and qualitative methodologies. She has also been a collaborator in a number of international nutrigenetics projects at University of Reading.

Joint SACN/COT Working Group on Plant-Based Drinks

Professor Mike Kelly

Senior Visiting Fellow in the Department of Public Health and Primary Care at the University of Cambridge and a member of St John's College, Cambridge. Between 2005 and 2014 he was the Director of the Centre for Public Health at NICE, where he led the teams producing public health guidelines. While at NICE he appeared regularly on the Today Programme and BBC, ITV and Sky Television. He has advised the House of Commons Health Select Committee and been a witness before parliamentary committees on a number of occasions. He has chaired committees for MRC/Economic and Social Research Council (ESRC), the FSA and Public Health England (PHE). From 2005 to 2007 he directed the methodology work stream for the WHO Commission on the Social Determinants of Health. This body of work was the first time that a properly evidence-based approach to dealing with health inequalities had been attempted by WHO. He has a continuing interest in health inequalities and is pursuing a programme of research in Cambridge on this topic. His other research interests include the methods and philosophy of evidence-based medicine, prevention of heart disease, health related behaviour change, the causes of non-communicable disease, end of life care, dental public health, transport and health, and the sociology of chronic illness.

Professor Tim Key

Professor of Epidemiology and Deputy Director, Cancer Epidemiology Unit, Nuffield Department of Population Health, University of Oxford. He has worked as a cancer epidemiologist at the University of Oxford since 1985. His main interests are the roles of diet and hormones in the aetiology of cancer, particularly cancers of the breast, prostate and colon, and the health status of vegetarians and vegans. He currently works mostly on the European Prospective Investigation into Cancer and Nutrition (EPIC), as the principal investigator of the Oxford cohort of 60,000 subjects, including 30,000 people who don't eat meat. He also co-ordinates the Endogenous Hormones and Breast Cancer Collaborative Group. He was a member of SACN between 2001 and 2018.

Professor Alan Boobis

Professor Emeritus of Toxicology in the Faculty of Medicine at Imperial College London.

He has published around 250 original research papers (H-factor around 80) and for several years served as an Editor-in-Chief of Food and Chemical Toxicology. He serves on the Committee on the Medical Effects of Air Pollutants, the WHO Study Group on Tobacco Product Regulation (TobReg), Joint FAO/WHO Expert Committee on Food Additives (JECFA) (veterinary residues) and Joint FAO/WHO Expert Meeting on Pesticides Residues (JMPR). He has previously served on the UK Advisory Committee on Pesticides, the UK Committee on Toxicity, the UK Committee on Carcinogenicity, the EFSA Panel on Contaminants in the Food Chain and the EFSA Panel on Plant Protection Products.

He is a member and a past chair of the Board of Trustees of the International Life Sciences Institute (ILSI) and of the Board of Directors of ILSI Europe. Amongst his awards are: fellowship of the British Pharmacological Society; honorary membership and Merit Award of Eurotox; John Barnes Prize Lectureship and honorary fellowship of the British Toxicology Society; the Royal Society of Chemistry Toxicology Award and the Arnold J Lehman Award from the Society of Toxicology. He received an OBE in 2003 for his work on the risk assessment of pesticides.

Professor Boobis has been Chair of the COT since 2015.

Professor Gunter Kuhnle

Gunter is Professor of Nutrition and Food Science at the University of Reading. His research interest is the development of objective measures of exposure and dietary intake using a range of different analytical techniques. Further interests are the link between diet and health, in particular the health effect of polyphenols and the link between meat and cancer. Professor Kuhnle is a member of COT.

Dr Caroline Harris

Dr Caroline Harris is a Corporate vice president, Principal Scientist and the Co-Director of the Centre for Chemical Regulation and Food Safety, Exponent International Ltd. She specialises in exposure and the assessment of consumer risk from chemicals in food and has a particular interest in agrochemicals and environmental contaminants. She has a specific interest in child and infant exposure and also models for estimating exposure. Prior to this, she worked for 15 years in the UK's Pesticides Safety Directorate with her latter posts being Head of Pesticide Chemistry and Manager of the Human Health Group. During this time she developed in-depth background knowledge of pesticides science and regulation, including physical and chemical properties, methods of analysis, metabolism, residues, and consumer risk assessment. She was previously a member of the FAO panel of the Joint Meeting on Pesticides Residues (JMPR) and is a current member of the Advisory Committee on Crop Protection Chemistry for the International Union of Pure and Applied Chemistry (IUPAC). She was a member of COT and is currently a member of the Expert Committee on Pesticides (ECP).

Annex 4

Remuneration and committee finances

- The amount paid to committee members for fees in 2022 was:
- those who chaired a meeting received a fee of £200 per meeting;
- members not chairing received £160 per meeting;
- chair and members who attended a meeting and/or provided comments before or after the meeting also received a reading fee of £40.

Committee members were also paid fees for non-SACN meetings if they were attending in their capacity as members of SACN.

The cost of the committee fees and expenses for the calendar year 2022, excluding secretariat resources, was £41,918. Costs were met by OHID.

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SACN Main Committee

Professor Jean Adams

Personal interests

Society for Social Medicine

Nature of interest: Member

Financial: No

Subject matter: social medicine

Dates: 2001 to present

Biotechnology and Biological Sciences Research Council

Nature of interest: Member of research funding panel

Financial: Yes (honorary paid). Amount received per annum over £5,000: No

Subject matter: Transforming the UK food system

Dates: 2021

DAI Global Health (funded by Foreign Commonwealth & Development Office; Better Health Programme Mexico; Instituto Nacional de Salud Publica; Public Health England)

Nature of interest: Workshop organisation and participation

Financial: Yes (honorary). Amount received per annum over £5,000: No

Subject matter: Taxes on sugary drinks

Dates: 2021

House of Lords (partner)

Nature of interest: Expert advice

Financial: Yes (honorary & travel). Amount received per annum over £5,000: No

Subject matter: Food poverty and the environment

Dates: 2020 to 2021

Department of Health & Social Care, Obesity Policy Research Unit

Nature of interest: Advisory board member

Financial: Yes (travel). Amount received per annum over £5,000: No

Subject matter: Obesity policy research

Dates: 2018 to 2023

University of Edinburgh

Nature of interest: External examiner

Financial: Yes (honorary & travel). Amount received per annum over £5,000: No

Subject matter: Masters in Public Health

Dates: 2018 to 2021

Office for Health Improvement and Disparities (OHID)

Nature of interest: Member of Committee

Financial: No

Subject matter: National Diet & Nutrition Survey Scientific Reference Group

Dates: 2018 to present

Society for Social Medicine & Population Health

Nature of interest: Member of Society

Financial: No

Subject matter: Research on Social medicine and population health

Dates: 2001 to present

International Society for Behavioural Nutrition & Physical Activity

Nature of interest: Member of Society

Financial: No

Subject matter: Research on Behavioural Nutrition & Physical Activity

Dates: 2021

Bloomberg Philanthropies, via Cambridge Judge Business School Executive Education

Nature of interest: Workshop organisation and participation

Financial: Yes (honorary). Amount received per annum over £5,000: yes

Subject matter: Dietary public health policy

Dates: 2022 to 2023

Plos Medicine

Nature of interest: Academic Editor

Financial: No

Subject matter: Natural experimental evaluations of dietary public health interventions

Dates: 2020 to present

Non-personal interests

Medical Research Council, intramural programme

Nature of interest: Research programme funding

Financial: Yes (research programme funds). Amount received per annum over £5,000: Yes

Subject matter: Population Health Interventions research

Dates: 2020 to 2025

National Institute of Health Research, Public Health Research Programme

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000:
Yes

Subject matter: UK restrictions on TV food advertising and online food marketing

Dates: 2021

Biotechnology and Biological Sciences Research Council

Nature of interest: Research programme funding

Financial: Yes (research project funds). Amount received per annum over £5,000:
Yes

Subject matter: Transforming urban food systems for planetary and population health

Dates: 2021 to 2026

National Institute of Health Research, Policy Research Programme

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000:
Yes

Subject matter: Implementation and assessment of mandatory calorie labelling in the out of home sector

Dates: 2021 to 2024

National Institute of Health Research, School of Public Health Research

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000:
Yes

Subject matter: Associations between use of digital food delivery services and household purchasing behaviours

Dates: 2021 to 2022

National Institute of Health Research, Public Health Research Programme

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000:
Yes

Subject matter: Planning policy to regulate takeaway food outlets for improved health in England

Dates: 2020 to 2023

National Institute of Health Research, Public Health Research Programme

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000:
Yes

Subject matter: Fresh Street: a cluster randomised controlled trial of the benefits of a place and household-level subsidy for fresh fruit and vegetables on diet, health and the wider environment

Dates: 2020 to 2023

Department of Health & Social Care, Public Health Policy Research Unit

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000: Yes

Subject matter: Theorising and measuring intervention agency

Dates: 2020 to 2022

National Institute of Health Research, School of Public Health Research

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000: Yes

Subject matter: Individual and environmental approaches to promote alternatives to the car

Dates: 2019 to 2021

National Institute of Health Research, School of Public Health Research

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000: Yes

Subject matter: Removal of HFSS 'junk-food' advertising in public transport networks:

Dates: 2019 to 2022

Canadian Institutes of Health Research

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000: Yes

Subject matter: The International Food Policy Study

Dates: 2019 to 2024

National Institute of Health Research, Public Health Research Programme

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000: Yes

Subject matter: Evaluation of the health impacts of the UK Treasury's Soft Drinks Industry Levy

Dates: 2017 to 2021

Economic and Social Research Council

Nature of interest: Research project funding

Financial: Yes (research project funds). Amount received per annum over £5,000: Yes

Subject matter: Food system trials to encourage healthy, sustainable diets

Dates: 2022 to 2023

Global Alliance for Chronic Disease

Nature of interest: Research project funding

Financial: Yes (research project funding). Amount received per annum over £5,000: Yes

Subject matter: Improving the adoption and sustainable implementation of evidence-based policies: A life course approach to reduce diet-related NCDs in adolescents

Dates: 2023 to 2026

Professor Susan Fairweather-Tait

Personal interests

Nutrition Society

Nature of interest: Honorary Fellow (FNS) (member since 1975)

Financial: No

Subject matter: Nutrition research

Dates: 2021 to present

American Society for Nutrition

Nature of interest: Fellow of the American Society for Nutrition (member since 1988)

Financial: No

Subject matter: Nutrition research

Dates: 2017 to present

Technical Advisory Group (funded by the Bill & Melinda Gates Foundation)

Nature of interest: Member of Technical Advisory Group for global anaemia exemplars

Financial: No. Amount received per annum over £5,000: No

Subject matter: Providing guidance on the selection of exemplar countries in relation to reducing the prevalence of anaemia

Dates: 2020 to 2022

FSA

Nature of interest: Member of UK Food Standards Agency Advisory Committee on Novel Foods and Processes

Financial: Yes (honoraria received; travel reimbursed). Amount received per annum over £5,000: No

Subject matter: Novel Food Applications

Dates: 2020 to 2023

Big C

Nature of interest: Member of Advisory Panel

Financial: No

Subject matter: Reviewing grant applications

Dates: 2019 to present

Nordic Nutrition Recommendations

Nature of interest: Member of the Scientific Advisory Group for the New Nordic Nutrition Recommendations.

Financial: No

Subject matter: Providing advice on the new recommendations

Dates: 2019 to present

Food and Agriculture Organization of the United Nations (FAO)/ World Health Organisation (WHO)

Nature of interest: Chair of FAO/WHO expert group on nutrient requirements for children aged 0 to 36 months

Financial: No

Subject matter: Setting NRVs

Dates: 2020 to present

WHO

Nature of interest: Member of WHO Expert Advisory Panel.

Financial: No

Subject matter: Contribute technical information and advice on developments within field of expertise

Dates: 2020 to 2021

High Value Nutrition (HVN) New Zealand

Nature of interest: Grant reviewer

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Reviewing grant proposals on food and health submitted to HVN

Dates: 2020 to 2021

IAEA

Nature of interest: Consultants' meeting for Coordinated Research Project (CRP) on long-term iron labelling

Financial: No

Subject matter: Contribute to discussions about a proposed new CRP

Dates: 29 June to 1 July 2021

Office for Health Improvement and Disparities (previously Public Health England)

Nature of interest: Chair of UK Nutrition and Health Claims Committee

Financial: Yes (honoraria received; travel reimbursed). Amount received per annum over £5,000: No

Subject matter: Drafting opinions on health claims applications

Dates: 2021 to 2024

European Commission

Nature of interest: Remote expert for HORIZON-EIC-2021-TRANSITION-OPEN & CHALLENGES-01

Financial: Yes Amount received per annum over £5,000: No

Subject matter: Reviewing grant proposals

Dates: 12 October to 12 December 2021

EFSA

Nature of interest: EFSA workshop on data methodologies for establishing tolerable upper intake levels for vitamins and minerals

Financial: Yes Amount received per annum over £5,000: No

Subject matter: Participant in workshop

Dates: 28 to 29 September 2021

EFSA

Nature of interest: Scientific and technical support for mandated review of tolerable upper intake level of iron

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Completion of questionnaire and attendance at expert hearing session

Dates: October to November 2021

EFSA

Nature of interest: Member of NDA working group on upper levels (iron and vitamin B6)

Financial: Yes (honoraria received; travel and subsistence reimbursed). Amount received per annum over £5,000: No

Subject matter: Assessing information required to derive upper levels

Dates: 2022 to present

Nutrition Society Scottish Section Conference 2022, Edinburgh

Nature of interest: Invited talk at the Nutrition Society Scottish Section Conference 2022

Financial: Yes, Travel and hotel accommodation paid by the Nutrition Society.

Amount received per annum over £5,000: No

Subject matter: Talk on selenium status and infectious disease susceptibility

Dates: 4 to 5 April 2022

Foodomics 2022, Auckland

Nature of interest: Conference presentation on the origins of health claims and their future, recorded for Foodomics 2022, Auckland, and posted on their website:

<https://www.highvaluenutrition.co.nz/news-and-events/5316-2/>

Financial: No

Subject matter: talk on health claims

Dates: 8 to 9 September 2022

National Diet and Nutrition Survey Rolling Programme

Nature of interest: Member of Project Board

Financial: No

Subject matter: Representative for SACN (micronutrients)

Dates: November 2022 to present

BBSRC

Nature of interest: OIRC hub application on Functional Foods (INFORM) (led by the University of Reading and the University of Leeds)

Financial: No

Subject matter: member of Steering Committee

Dates: 2022 to 2027

BBSRC

Nature of interest: OIRC hub application on Biofortification (led by Norwich Research Park) (member of Advisory Board)

Financial: No

Subject matter: member of Advisory Board

Dates: 2022 to 2027

Non-personal interests

BBSRC

Nature of interest: Research grant

Financial: Yes (Research funding awarded to UEA over 2 years for staff time and travel). Amount received per annum over £5,000: Yes

Subject matter: Research on bioavailability of iron and zinc in potatoes (project in Peru).

Dates: April 2019 to 2022

Ms Gill Fine

Personal interests

Sainsbury's

Nature of interest: Shareholder

Financial: yes (shareholdings). Value of shares over £5,000: No

Subject matter: N/A

Dates: 1986 to present

Musgrave Group

Nature of interest: Consultancy

Financial: Yes (fee received, travel and subsistence reimbursed) Amount received per annum over £5,000: No

Subject matter: Strategic issues and providing insights from a public health nutrition perspective

Dates: May 2015 to December 2019, November 2020 to present

British Nutrition Foundation

Nature of interest: Scientific governor (until November 2019) and Trustee

Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No

Subject matter: governance issues and providing insights from a public health nutrition perspective

Dates: May 2011 to 31 December 2022

Nutrition Society

Nature of interest: Member

Financial: No

Amount received per annum over £5,000:

Subject matter: Human Nutrition

Dates: 1987 to present

BBSRC/MRC

Nature of interest: Member of External Advisory Board overseeing "Food 4 Years" research project

Financial: Yes (Attendance Fee & travel & subsistence expenses).

Amount received per annum over £5,000: No

Subject matter: Research & development of foods & food environments that support health ageing healthy ageing

Dates: April 2022 to present

Non-personal interests

None

Dr Darren Greenwood

(As Director of the WHO Collaborating Centre in Nutritional Epidemiology 2018 to 2022, Dr Greenwood had administrative responsibility for Collaborating Centre interests that were not covered by personal or non-personal interests)

Personal interests

Springer

Nature of interest: Book editor

Financial: Yes (royalties related to "Tu YK, Greenwood DC (Eds.) (2008) Modern Methods for Epidemiology. Springer." Amount received per annum over £5,000: No

Subject matter: Statistical methods

Dates: 2012 to present

Office for Health Improvement and Disparities (Previously Public Health England)

Nature of interest: Co-opted member of UK Nutrition and Health Claims Committee (UKNHCC)

Financial: Yes (honoraria received, travel and subsistence reimbursed)

Amount received per annum over £5,000: No

Subject matter: Risk assessment of nutrition and health claims in GB

Dates: July 2020 to present

Taylor & Francis Publishers

Nature of interest: Peer review

Financial: Yes

Amount received per annum over £5,000: No

Subject matter: Peer review of proposed textbook

Dates: 2022

University of Agder

Nature of interest: Teaching

Financial: Yes

Amount received per annum over £5,000: No

Subject matter: Preparation of teaching materials

Dates: 2022

Non-personal interests

University of Leeds

(World Health Organization Collaborating Centre)

Nature of interest: Head of Centre

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Nutritional Epidemiology

Dates: 2018 to 2022

British Heart Foundation

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Objective assessment of fatigue or dyspnoea as the mechanism of exercise limitation in heart failure: Implications for individualised therapy

Dates: 2019 to 2022

National Institute for Health Research

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Long Covid multidisciplinary consortium – optimising treatments and services across the NHS

Dates: 2021 to 2023

NHS England and NHS Improvement

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Evaluation of NHS Post COVID services using the ELAROS symptom tracking application

Dates: 2022 to 2023

Professor Paul Haggarty

(As Deputy Director of Research at the Rowett Institute, Professor Haggarty has administrative responsibility for institutional interests that are not covered by personal or non-personal interests)

Personal interests

Biotechnology and Biological Sciences Research Council (BBSRC)

Nature of interest: Chair of the Biotechnology and Biological Sciences Research Council (BBSRC) Strategy Advisory Panel on Bioscience for an Integrated Understanding of Health

Financial: Yes (expenses and attendance fee). Amount received per annum over £5,000: No

Subject matter: Advising BBSRC on the overall balance and direction of its research grants portfolio.

Dates: 2017 to 2022

Parliament Health and Sport Committee

Nature of interest: Presentation of evidence at the Scottish Parliament.

Financial: No

Subject matter: Presentation of evidence to parliament on the 'Provisional UK Common Framework on Food and Feed Safety and Hygiene'

Dates: January 2021

Trond Mohn Foundation of Norway

Nature of interest: Member of the mid-term evaluation panel for the University of Bergen Mohn Nutrition Research Laboratory.

Financial: Yes (honoraria). Amount received per annum over £5,000: No

Subject matter: Evaluation of laboratory research activities and preparation of a report for the Trond Mohn Foundation, the laboratory's leadership, and the University of Bergen.

Dates: September 2021

Food Standards Agency Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment

Nature of interest: SACN representative on the UK Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment.

Financial: Yes (expenses and attendance fee). Amount received per annum over £5,000: No

Subject matter: Nutritional aspects of safety evaluations.

Dates: 2019 to 2023

Non-personal interests

Scottish Government

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Scottish Government's Rural and Environment Science and Analytical Services Division (RESAS) funded research programme on food and health

Dates: 2016 to 2021

Arthritis Research UK

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Unlocking the Joint Morphogenetic Code in Mesenchymal Stem Cells from Human Synovium.

Dates: 2018 to 2021

UKRI Global Challenges Research Fund (GCRF)

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: UKRI GCRF Action against Stunting Hub.

Dates: 2019 to 2024

Professor Mairead Kiely

(As Head of the School of Food and Nutritional Sciences at University College Cork, Professor Kiely has administrative responsibility for institutional interests that are not covered by personal or non-personal interests)

Personal interests

Irish Centre for Maternal and Child Health Research (INFANT)

Nature of interest: Principal investigator; Member of the executive management team

Financial: No

Subject matter: Maternal and child nutrition and health research

Dates: November 2014 to present

Food Safety Authority of Ireland

Nature of interest: Member of the Public Health Nutrition Sub-Committee; Member of the Tolerable Upper Levels working group; Member of the Healthy Eating working group for young children aged 1-5 years.

Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No

Subject Matter: Public Health Nutrition policy

Dates: 2008 to 2021

European Journal of Nutrition

Nature of interest: Editorial board member; micronutrients editor.

Financial: No

Subject Matter: Nutrition Science

Dates: 2016 to present

Journal of Human Nutrition and Dietetics

Nature of interest: Editorial Board member

Financial: No

Subject matter: Editorial

Dates: 2012 to present

Vitamin D Workshop

Nature of interest: Member of the workshop executive committee

Financial: No

Subject matter: Vitamin D Science

Dates: March 2018 to present

Endocrine Society

Nature of interest: Expert guideline development for vitamin D

Financial: No

Subject matter: Vitamin D science

Dates: January 2021 to present

Nutrition Society

Nature of interest: Member and previously Irish Section Chair

Financial: No.

Subject matter: Nutrition research

Dates: 2006 to present

American Society for Nutrition

Nature of interest: Member

Financial: No.

Subject matter: Nutrition research

Dates: 2016 to present

Non-personal interests

Irish Government Dept of Agriculture Food and the Marine

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Healthy Sustainable Diets research

Dates: 2020 to present

Irish Government Dept of Agriculture Food and the Marine

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Vitamin D Deficiency Prevention Ireland; includes two dietary intervention studies.

Dates: 2022 to present

Meat Technology Institute, co-funded by Enterprise Ireland and Industry

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Diet and nutrition in young children; includes recipe development and a dietary intervention study

Dates: 2022 to present

Wellcome Leap

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Nutritional and microbiome determinants of early brain development

Dates: 2022 to present

Professor Susan Lanham-New

(As Head of the Department of Nutrition, Food & Exercise Sciences within the Faculty of Health & Medical Sciences, University of Surrey, Professor Lanham-New has administrative responsibility for Higher Education institutional interests that are not covered by personal or non-personal interests).

Personal interests

D3TEX Ltd

Nature of interest: Research Director

Financial: Yes (shareholdings). Value of shares over £5,000: No

Subject matter: Develop an effective and cost-efficient textile-based solution to help combat vitamin D deficiency in veiled women

Dates: 2007 to present

Nutrition Society

Nature of interest: Nutrition Science Communication.

Financial: Yes (Travel Expenses only)

Amount received per annum over £5,000: No

Subject matter: Trustee of the Nutrition Society (Hon Secretary) Dates: 2018 to present

Nutrition Society

Nature of interest: Nutrition Science Textbook Publications.

Financial: Yes (Travel Expenses only).

Amount received per annum over £5,000: No

Subject matter: Editor-in-Chief of the Nutrition Society Textbooks (7 Textbooks, 80,000 sales)

Dates: 2008 to present

British Nutrition Foundation

Nature of interest: Nutrition Science Communication.

Financial: Yes (Travel expenses only)

Amount received per annum over £5,000: No

Subject matter: Trustee of the British Nutrition Foundation

Dates: 2019 to present

European Food Safety Authority (EFSA)

Nature of interest: Review of Vitamin D Upper Limit – Consultant

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Vitamin D toxicity

Dates: December 2021

European Food Safety Authority (EFSA)

Nature of interest: Review of Vitamin D Upper Limit – Committee Member
Financial: Yes. Amount received per annum over £5,000: No
Subject matter: Vitamin D toxicity
Dates: January to June 2023

Science Media Centre

Nature of interest: Oral and written media piece
Financial: No
Subject matter: Plant (tomato) forms of vitamin D3
Dates: July/August 2022

24th International Workshop on Vitamin D, Texas, USA

Nature of interest: Conference talk
Financial: No. Flight and accommodation paid for by conference organisers.
Subject Matter: Plenary conference presentation on Vitamin D2 and vitamin D3 and Publication in Journal of Steroid Biochemistry.
Dates: September 2022 to April 2023

D3TEX Ltd (Partner)

Nature of interest: Managing Director
Financial: Yes (shareholdings). Value of shares over £5,000: No
Subject matter: Develop an effective and cost-efficient textile-based solution to help combat vitamin D deficiency in veiled women
Dates: 2007 to present

Royal Osteoporosis Society

Nature of interest: Member of Nutrition Forum
Financial: No.
Subject matter: Nutrition and Bone Health – Scientific Advice
Dates: 1998 to present

Royal Philosophical Society of Glasgow

Nature of interest: Awarded RPS of Glasgow Medal
Financial: No.
Subject matter: Invited Talk on Vitamin D
Dates: 2021 to 2022

University of Amsterdam and Scelta Mushrooms

Nature of interest: Collaboration on Vitamin D
Financial: No.
Subject matter: Co-I on Meta-Analysis Paper looking at Vitamin D2 vs. Vitamin D3.
Dates: 2022 to 2023

Association for Nutrition

Nature of interest: Registered Nutritionist (Nutrition Science)
Financial: No.
Subject matter: Professional registry
Dates: 2000 to present

Association of Nutrition

Nature of interest: Fellow

Financial: No.

Subject matter: Professional registry

Dates: February 2018 to present

Non-personal interests

Ministry of Defence

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Vitamin D research for prevention of stress fractures in the Royal Marines

Dates: 2014 to present

Ministry of Defence

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Vitamin D research for optimising health in British Submariners

Dates: 2014 to present

Biotechnology and Biological Sciences Research Council

Nature of interest: Research

Financial: Yes. Amount received per annum over £5,000: Yes.

Subject matter: PhD Student – Vitamin D Health in Ethnic Groups. PhD Scholarship award.

Dates: 2021 to 2025

University Global Partner Network Funding

Nature of interest: Research

Financial: Yes. Amount received per annum over £5,000: Yes.

Subject matter: PhD Student – Vitamin D Health in Ethnic Groups. PhD Scholarship award from the UGPN Committee

Dates: 2019 to 2024

Higher Education Funding Council

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Nutrition and exercise strategies for healthy ageing

Dates: 2017 to 2022

Biotechnology and Biological Sciences Research Council

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Doctoral Training Programme on Food Bio-Systems. Led by Reading University and includes Universities of Surrey, Cranfield, Brunel, Belfast, Aberystwyth and Surrey

Dates: 2019 to 2028

Medical Research Council

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Vitamin D Workshop with invited speakers and discussion. Led by University of Surrey in collaboration with the University of Brighton and the British Nutrition Foundation. Publications

Dates: April 2021 to 2023

Rank Prize Funds

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: 2nd Rank Forum on Vitamin D. Publications.

Dates: 2019 to 2023

EU Horizon Project

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Personalised Nutrition – Research Project with EU Partners.

Dates: 2019 to 2024

Clasado Biosciences

Nature of interest: Education

Financial: No. Amount received per annum over £5,000: Yes

Subject matter: Vitamin D Webinars for Health Professionals

Dates: June/July 2021

Biotechnology and Biological Sciences Research Council

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Network on Nutrition and Ageing – FOOD4YEARS. Led by Reading University and includes Universities of Surrey, Birmingham, Leeds and Liverpool

Dates: 2022 to 2025

Biotechnology and Biological Sciences Research Council

Nature of interest: Research

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Food Innovation Hubs

- Co-I with Imperial College for the Theme 1 Hub – The RIPEN Hub;
- Co-I with Dr Kourosh Ahmadi with University of Surrey as PI – The STAR Hub (Theme 5);
- External Advisory Board Member for Theme 2 – Led by Quadram Institute and The John Innes Centre.

Dates: 2022 to 2027

Professor Julie Lovegrove

Personal interests

International Life Sciences Institute (ILSI) Europe

Nature of interest: Chair (since 2017) and Member (since 2016) of ILSI Europe Qualitative Fat Intake Expert Group on 'Update on Health Effects of Different Dietary Saturated Fats'

Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No

Subject matter: Health effects of saturated fats

Dates: Member: November 2016 to present; Chair: May 2017 to present

International Life Sciences Institute (ILSI) Europe

Nature of interest: Member of ILSI Europe Expert Group on Efficacy of dietary interventions on metabolic syndrome;

Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No

Subject matter: Efficacy of dietary interventions on metabolic syndrome

Dates: November 2014 to present

Nutrition Society

Nature of interest: President

Financial: Yes (travel reimbursed). Amount received per annum over £5,000: No

Subject matter: UK and Ireland Learned Society of Nutrition

Dates: September 2019 to July 2023

Nutrition Society

Nature of interest: Member

Financial: No. Amount received per annum over £5,000: No

Subject matter: UK and Ireland Learned Society of Nutrition

Dates: October 1989 to present

American Society for Nutrition

Nature of interest: Member

Financial: No. Amount received per annum over £5,000: No

Subject matter: Professional society

Dates: 2016 to present

MRC Population and Systems Medicine Board

Nature of interest: Member

Financial: Yes (travel reimbursed). Amount received per annum over £5,000: No

Subject matter: MRC Population and Systems Medicine Board

Dates: February 2021 to present

Association for Nutrition

Nature of interest: Registered Nutritionist (Nutrition Science,)
Financial: No. Amount received per annum over £5,000: No
Subject matter: Professional registry
Dates: 2000 to present

Association of Nutrition

Nature of interest: Fellow
Financial: No. Amount received per annum over £5,000: No
Subject matter: Professional registry
Dates: February 2021 to present

Non-personal interests

Biotechnology and Biological Sciences Research Council

Nature of interest: Research grant
Financial: Yes (research funding). Amount received per annum over £5,000: Yes
Subject matter: Research into saturated fat and lipid markers of cardiovascular disease risk
Dates: June 2017 to October 2021

Biotechnology and Biological Sciences Research Council

Nature of interest: Research grant
Financial: Yes (research funding). Amount received per annum over £5,000: Yes
Subject matter: Research into the impact of dietary intake on bile acids as biomarkers of health and cardiovascular risk.
Dates: May 2017 to October 2021

Biotechnology and Biological Sciences Research Council

Nature of interest: Research grant
Financial: Yes (research funding). Amount received per annum over £5,000: Yes
Subject matter: Research into circulating fatty acids as biomarkers of health and disease
Dates: August 2017 to April 2021

Barham Benevolent Foundation

Nature of interest: Research grant
Financial: Yes (research funding). Amount received per annum over £5,000: Yes
Subject matter: Research into impact of animal and plant protein on cardiometabolic risk
Dates: April 2017 to April 2022

Dutch Dairy Council

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Research into impact of substitution of saturated fats from different foods on cardiometabolic risk

Dates: October 2019 to September 2023

Danish Dairy Foundation

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Research into impact of substitution of saturated fats from different foods on cardiometabolic risk

Dates: October 2019 to September 2023

EU Horizon 2020

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Research "FoodCloud" Personalised nutrition

Dates: October 2019 to September 2023

Rank Prize Foundation Studentship

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Research into impact of substitution of saturated fats from different foods on cardiometabolic risk

Dates: October 2019 to September 2023

Medical Research Council (UK-Peru)

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Relationship between nutrition-genes and health in Peruvian population.

Dates: May 2019 to April 2022

UK Prevention Research Partnership (UKPRP).

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: No

Subject matter: Opportunities for intervention and innovation in the UK School Food System: the GENIUS (Generating Excellent Nutrition In UK Schools) network.

Dates: February 2019 to April 2022

Joint Academic Board – University of Reading and Royal Berkshire Hospital

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Research into impact of Personalised nutritional advice delivered by ENutri on patients in cardiac rehabilitation programme

Dates: February 2021 to April 2023

Medical Research Council

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Data-driven integration of emerging technologies to generate a Standardised and Objective Dietary Intake Assessment Tool

Dates: September 2022 to August 2027

Biotechnology and Biological Sciences Research Council

Nature of interest: Research grant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: 'Raising the Pulse' (RtP): Systems analysis of the environmental, nutritional and health benefits of pulse-enhanced foods

Dates: October 2022 to August 2025

Dr David Mela

Personal interests

Unilever

Nature of interest: Shareholder. Former employee (to June 2019)
Financial: Yes (Shareholdings and salary package up to June 2019). Value of shares over £5,000: Yes
Subject matter: N/A
Dates: 2005 to present

UK Research and Innovation

Nature of interest: Reviewer
Financial: Yes (travel costs, honoraria). Amount received per annum over £5,000: No
Subject matter: Research grant proposals
Dates: 2019 to present

Graduate School VLAG (Wageningen University and associated institutes)

Nature of interest: Member of International Advisory Board
Financial: No
Subject matter: Research and postgraduate education
Dates: 2016 to present

Research Excellence Framework (REF) 2021

Nature of interest: Member of criteria and assessment phase of Main REF Panel A, 'Medicine, health and life sciences'
Financial: Yes (honorarium / travel costs). Amount received per annum over £5,000: No
Subject matter: Assessment of research quality in UK higher education institutions
Dates: 2018 to 2021

SWEET – a Research Consortium awarded an EU Horizon 2020 grant.

Nature of interest: Member of Science and Industry Advisory Board for the Research Programme
Financial: Yes (travel and accommodation provided for attending Consortium meetings, no payments made to DJM) Amount received per annum over £5,000: No
Subject matter: Sweeteners and sweetness enhancers: Impact on health, obesity, safety and sustainability
Dates: October 2018 to present

Nature Publishing Group

Nature of interest: Editorial Board Member, International Journal of Obesity
Financial: No
Subject matter: Reviewing papers and making recommendations to editors
Dates: 2019 to present

Unilever

Nature of interest: Consultancy
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Carbohydrates, sugars and sweeteners
Dates: 2020 to 2021

MDPI

Nature of interest: Editorial Board, Nutrients
Financial: No. Amount received per annum over £5,000: No
Subject matter: Reviewing papers and making recommendations to editors
Dates: 2021 to present

Cargill Incorporated

Nature of interest: Consultancy
Financial: Yes. Amount received per annum over £5,000: No
Subject matter: Sweeteners
Dates: 2021 to present

Nutrition Society

Nature of interest: Member
Financial: No. Amount received per annum over £5,000: N/A
Subject matter: Professional society
Dates: pre-2000 to present

American Society for Nutrition

Nature of interest: Member
Financial: No. Amount received per annum over £5,000: N/A
Subject matter: Professional society
Dates: pre-2000 to present

Association for Nutrition

Nature of interest: Registered Nutritionist (Nutrition Science, Public Health) and Fellow
Financial: No. Amount received per annum over £5,000: N/A
Subject matter: Professional registry
Dates: pre-2010 to present (Registered); 2017 to present (Fellow)

Wageningen University and Research, Top Institute Food and Nutrition

Nature of interest: Member of Steering Committee, project RESTRUCTURE
Financial: Only actual travel costs. Amount received per annum over £5,000: N/A
Subject matter: Food design principles to moderate energy intake
Dates: 2022 to present

University of Bristol

Nature of interest: Industry Co-lead in a BBSRC Diet and Health Open Innovation Research Club hub

Financial: Yes (travel costs, fees). Amount received per annum over £5,000: No

Subject matter: Diet and health research

Dates: 2022 to 2027

CBC Israel

Nature of interest: Consultancy

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Sweeteners

Dates: 2022 to present

China National Research Institute of Food & Fermentation Industries Co., Ltd.

Nature of interest: Consultancy

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Glycemic index

Dates: 2022 to 2023

Non-personal interests

None

Professor Ken Ong

Personal interests

Soleno Therapeutics, Inc

Nature of interest: Research, Local Clinical Investigator

Financial: Yes; Amount received per annum over £5,000: No

Subject matter: Clinical trial in patients with Prader-Willi syndrome

Dates: 2019 to present

Non-personal interests

Mead Johnson Nutrition

Nature of interest: Research

Financial: Yes (research funding to the University of Cambridge). Amount received per annum over £5,000: Yes

Subject matter: Discovery of biomarkers for infant nutrition

Dates: 2009 to present

Biotechnology and Biological Sciences Research Council (BBSRC) with Danone Nutricia Research and Mead Johnson Nutrition as collaborating partners

Nature of interest: Research

Financial: Yes (research funding to the University of Cambridge). Amount received per annum over £5,000: Yes

Subject matter: Biomarkers for infant nutrition

Dates: 2017 to present

Mrs Gemma Paramor

Personal interests

Veritas Investment Partners (UK) Limited

Nature of interest: Employer

Financial: Yes (salary). Amount received per annum over £5,000: Yes

Subject matter: Equity research, focused on global healthcare, but may include companies with food-related business models

Dates: May 2016 to present

Non-personal interests

None

Professor Lucilla Poston

Personal interests

Medical Research Council

Nature of interest: Member, Applied Global Health Research Board

Financial: Yes (expenses and fees), Amount received per annum over £5,000. No

Subject matter: Global health including nutrition

Dates: 2015 to 2023

Medical Research Council

Nature of Interest: Member Africa Research Leadership Scheme

Financial: Yes (expenses and fees), Amount received per annum of over £5000.

No

Subject matter: Global health research

Dates: 2023

National Institute for Health and Care Excellence (NICE)

Nature of interest: Expert adviser for the NICE Centre for Guidelines (CfG)

Financial: Yes (expenses), Amount received per annum over £5,000. No

Subject matter: Women's Health including nutrition

Dates: 2018 to 2021

International Society for the Developmental Origins of Disease

Nature of interest: President of Society

Financial: Yes (expenses), Amount received per annum over £5,000. No

Subject matter: promote research into the fetal and developmental origins of disease.

Dates: 2017 to present

International Life Sciences Institute

Nature of interest: Member of group (Obesity and Diabetes and Early Nutrition & Long-Term Health Task Forces. Expert group; gestational diabetes)

Financial: Yes (expenses), Amount received per annum over £5,000. No

Subject matter: Nutrition in women with gestational diabetes

Dates: 2017 to present

Early Nutrition Academy

Nature of interest: member of Early Nutrition Academy executive

Financial: No

Subject matter Online educational programme for nutrition in early life (including pregnancy)

Dates: 2015 to present

Wellcome Trust

Nature of interest: Member, Career Development Award Interview Panel
Financial: Yes (expenses and fees), Amount received per annum over £5,000.
Yes
Subject matter: Medical and Biological Sciences training programme
Dates: 2022 to 2023

Diabetes UK

Nature of interest: Diabetes UK Research Grant Panel
Financial. Yes (expenses), Amount received per annum over £5,000. Yes
Subject matter: Diabetes Research
Dates: 2022

NICE

Nature of interest: Member of Maternal and Child Nutrition (MCN) Guideline Committee
Financial: Yes (expenses), Amount received per annum over £5,000. No
Subject Matter: Maternal and Child Nutrition
Dates: May 2022 to present

Non-personal interests

Medical Research Council

Nature of Interest: Research Grant Principal Applicant
Financial: Yes (research funding). Amount received per annum over £5000. Yes.
Subject matter: The eLIXIR (early LIFe data Cross-Linkage in Research) Longitudinal Population Cohort
Dates: April 2023 to March 2028

British Heart Foundation

Nature of interest: Research Grant co-applicant
Financial: Yes (research funding) Amount received per annum over £5,000. Yes.
Subject matter: The influence of a complex intervention of diet and physical activity in obese pregnant women of the cardiometabolic phenotype of 9 to 11 year old children; analysis of the UPBEAT trial.
Dates: 2021 to 2024

NIHR

Nature of interest: Research Grant co-applicant
Financial: Yes (research funding) Amount received per annum over £5,000. Yes.
Subject matter: Post-pandemic planning for maternity care for local, regional, and national maternity systems across the four nations
Dates: 2021 to 2023

Novo Nordisk

Nature of interest: Support for Chair in Diabetes KCL

Financial: Yes (research funding) Amount received per annum over £5,000. Yes.

Subject matter: Diabetes Research

Dates: 2021 to 2022

MRC

Nature of interest: Research Grant co-applicant

Financial: Yes (research funding) Amount received per annum over £5,000. Yes.

Subject matter: Hypertensive Disorders of Pregnancy

Dates: 2021 to 2024

National Institute For Health & Care Research

Nature of interest: Research Grant co-applicant

Financial: Yes. Amount received per annum over £5,000: No.

Subject matter: Diet and physical activity in pregnancy to prevent gestational diabetes: Individual Participant Data (IPD) meta-analysis on the differential effects of interventions with economic evaluation

Dates: 1 March 2021 to 30 April 2023

HDR UK Health Data Research UK

Nature of Interest; Research Grant

Financial: Yes. Amount received per annum over £5000. Yes

Subject matter: Using AI to understand how preventative interventions can improve the health of children in the UK and reduce winter pressures on the NHS

Dates: 1 January 2023 to 31 March 2023

Almond Board of California

Nature of Interest; Research Grant

Financial: Yes. Amount received per annum over £5000. Yes

Subject matter: Can almond nut consumption improve nocturnal glycaemic control in women diagnosed with gestational diabetes mellitus?

Dates: 1 October 22 to 31 October 2025

Professor Sian Robinson

Personal interests

Biotechnology and Biological Sciences Research Council

Nature of interest: Panel member

Financial: Yes (honoraria received). Amount received per annum over £5,000: No

Subject matter: Grant awards

Dates: 2016 to 2021

Oxford University Press

Nature of interest: Associate Editor of Age and Ageing

Financial: No

Subject matter: Editorial role

Dates: 2019 to 2021

22nd IUNS-ICN International Congress of Nutrition, Tokyo

Nature of interest: Invited speaker

Financial: Travel and accommodation paid plus honorarium. Amount received per annum over £5,000: No

Subject matter: Lecture: Nutrition across the lifecourse

Dates: December 2022

Non-personal interests

MRC/NIHR

Nature of interest: Multimorbidity funding award (ADMISSION) - coapplicant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Understanding multimorbidity in hospital patients

Dates: March 2021 to March 2025

MRC/JPI HDHL (PREVNUT)

Nature of interest: Collaborative Award - coapplicant

Financial: Yes (research funding). Amount received per annum over £5,000: Yes

Subject matter: Appetite loss in older age

Dates: April 2021 to April 2024

Dr Stella Walsh

Personal interests

The Ancient Barwick-in-Elmet Trust

Nature of interest: Chair of Trust

Financial: No

Subject matter: charity which provides fund for disadvantaged people in the Trust area

Dates: 2017 to present

Non-personal interests

None

Professor Kevin Whelan

Personal interests

Wiley

Nature of interest: BDA Advanced Nutrition & Dietetics Book Series - Series Editor

Financial: Yes (royalties).

Amount received per annum over £5,000: No

Subject matter: Gastroenterology, Diabetes, Obesity, Nutritional support

Dates: 2014 to present

Journal of Human Nutrition & Dietetics

Nature of interest: Editorial Board Member

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Reviewing papers and contributing to publication strategy

Dates: 2007 to present

Alimentary Pharmacology & Therapeutics

Nature of interest: Editorial Board Member

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Reviewing papers and contributing to publication strategy

Dates: 2013 to 2022

Monash University

Nature of interest: Adjunct Professor (formerly Adjunct Associate Professor)

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Research collaborations

Dates: 2011 to present

British Nutrition Foundation

Nature of interest: Advisory Committee (formerly Council member, formerly Scientific Advisory Committee member)

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Contributing to advice and strategic direction

Dates: 2015 to present

Academy of Nutrition Sciences

Nature of interest: Founding Trustee

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Contributing to strategic direction

Dates: 2019 to present

British Society of Gastroenterology

Nature of interest: Food & Function Clinical Research Group

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Contributing to strategic direction

Dates: 2015 to 2022

British Society of Gastroenterology

Nature of interest: Gut Microbiota for Health Expert Panel

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Provide expert advice to committee on diet and microbiome

Dates: 2015 to 2022

British Dietetic Association

Nature of interest: Fellow (formerly Member)

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Member of professional association

Dates: 2017 to present (member 1997 to present)

British Society of Gastroenterology

Nature of interest: Associate Member

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Member of learned society

Dates: 2010 to present

Nutrition Society

Nature of interest: Member

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Member of learned society

Dates: 2000 to present

American Society for Nutrition

Nature of interest: Member

Financial: No

Amount received per annum over £5,000: N/A

Subject matter: Member of learned society

Dates: 2020 to present

FoodMaestro

Nature of interest: Co-inventor of mobile app

Financial: Yes (royalties)

Amount received per annum over £5,000: Yes

Subject matter: Mobile app to support people with IBS to follow low FODMAP diet

Dates: 2016 to 2022

University of Liverpool and King's College London

Nature of interest: Co-inventor and co-patent holder of biomarkers in IBS

Financial: Yes (potential royalties)

Amount received per annum over £5,000: No

Subject matter: Volatile organic compounds (VOC) profiles used to diagnose and direct management of IBS

Dates: 2020 to present

Bromatech

Nature of interest: Invited lecture to European Society for Neurogastroenterology and Motility

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: Diet, microbiota, bloating

Dates: 2021

Porter Novelli

Nature of interest: Consultancy

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: One-off discussion about fibre and health

Dates: 2021

Janssen Ltd

Nature of interest: Invited lecture

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: Diet in inflammatory bowel disease

Dates: December 2021

Galapagos Ltd

Nature of interest: Invited lecture

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: Diet in inflammatory bowel disease

Dates: January 2022

Wiley

Nature of interest: Rapid peer review of a manuscript

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: Diet & constipation

Dates: February 2022

International Scientific Association of Probiotics and Prebiotics (ISAPP)

Nature of interest: Attendance at annual meeting as a workshop organiser

Financial: Yes (travel and accommodation reimbursement)

Amount received per annum over £5,000: No

Subject matter: Diet and impact on probiotics

Dates: July 2022

Malaysian Dietetic Association (MDA)

Nature of interest: Conference lecture

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: Gut microbiome, probiotics, prebiotics

Dates: July 2022

American Gastroenterology Association (AGA)

Nature of interest: Conference lecture at Digestive Disease Week 2022

Financial: Yes (honorarium, and travel reimbursement)

Amount received per annum over £5,000: No

Subject matter: Diet and microbiome interactions in IBS

Dates: July 2022

Rome Foundation

Nature of interest: Member of working group to write manuscript

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: Optimal design of dietary intervention trials

Dates: September 2022

British Society of Gastroenterology

Nature of interest: Conference lecture

Financial: Yes (travel and accommodation expenses)

Amount received per annum over £5,000: No

Subject matter: Emulsifiers in inflammatory bowel disease

Dates: October 2022

United European Gastroenterology Week

Nature of interest: Conference lecture at UEGW 2022

Financial: Yes (travel expenses)

Amount received per annum over £5,000: No

Subject matter: Dietary management in inflammatory bowel disease

Dates: October 2022

Mexican Association of Gastroenterology / Carnot Laboratories

Nature of interest: Conference lecture

Financial: Yes (honorarium)

Amount received per annum over £5,000: No

Subject matter: Fibre and prebiotics in IBS

Dates: November 2022

British Association of Parenteral & Enteral Nutrition

Nature of interest: Conference lecture

Financial: Yes (travel reimbursement and hotel provision)

Amount received per annum over £5,000: No

Subject matter: Diet management of inflammatory bowel disease

Dates: November 2022

Non-personal interests

Helmsley Charitable Trust

Nature of interest: Research grant (PI)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Food additive emulsifier restriction in Crohn's disease: a randomized controlled trial

Dates: 2019 to 2023

Danone

Nature of interest: Research grant (PI)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Fibre-induced symptoms in functional bloating

Dates: 2019 to 2023

International Nut and Dried Fruit Council

Nature of interest: Research grant (PI)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Physiological, microbiological and metabolomic effects of dried fruit in constipation

Dates: 2018 to 2021

Medical Research Council

Nature of interest: Research grant (PI)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Fibre co-administration in irritable bowel syndrome

Dates: 2016 to 2021

Almond Board of California

Nature of interest: Research grant (PI)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Almonds and their impact on gastrointestinal physiology and microbiology

Dates: 2017 to 2021

Almond Board of California

Nature of interest: Research grant (Co-I)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Almonds and impact on immune response

Dates: 2021 to 2023

British Dietetic Association

Nature of interest: Research grant (Co-I)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Dietary guidelines for constipation

Dates: 2020 to 2022

National Institute of Health Research

Nature of interest: Research grant (Co-I)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Prebiotics and muscle in ageing

Dates: 2019 to 2022

Almond Board of California

Nature of interest: Research grant (Co-I)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Almonds and impact on mental health

Dates: 2022 to 2024

National Institute of Health Research

Nature of interest: Research grant (PI)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Fat absorption in children with biliary atresia

Dates: 2022 to 2025

Almond Board of California

Nature of interest: Research grant (Co-I)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Almonds and impact on nocturnal glycaemic control

Dates: 2022 to 2024

Barts Charity

Nature of interest: Research grant (Co-I)

Financial: Yes

Amount received per annum over £5,000: Yes

Subject matter: Fructose and metabolism in non-alcoholic steatohepatitis

Dates: 2022 to 2025

Professor Charlotte Wright

Personal interests

Hong Kong Government Health and Medical Research Fund

Nature of interest: Research

Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: Yes

Subject matter: Commissioned Study on Review of Growth Charts for Hong Kong Children

Dates: February 2019 to January 2023

National Institute for Health and Care Excellence (NICE)

Nature of interest: Member of committee for NICE guideline

Financial: Yes: travel and subsistence reimbursed. Amount received per annum over £5,000: No

Subject matter: Maternal and child nutrition

Dates: January 2022 to present

Regional European Conference of the Academy of Breastfeeding Medicine, to be organised by the European Association of Breastfeeding Medicine and the University of Split

Nature of interest: Invited speaker

Financial: Yes: travel and subsistence reimbursed. Amount received per annum over £5,000: No

Subject matter: Breast feeding education

Dates: May 2023

Honorary Visiting Professor, University of Child Health and Children's Hospital, Lahore, Pakistan

Nature of interest: Invited speaker, leading educational delegations and providing consultation via regular visits to Lahore.

Financial: Yes: travel and subsistence reimbursed via charitable trusts in Glasgow and Lahore. Amount received per annum over £5,000: No

Subject matter: Public health and clinical nutrition in childhood

Dates: 2005 to present. Most recent visit to Lahore in 2022

Non-personal interests

Glasgow Children's Hospital Charity / Scottish Government

Nature of interest: Research grant

Financial: Yes (research funding received). Amount received per annum over £5000: Yes

Subject matter: Investigation of The Incidence, Demographics And Nutritional Profile Of Childhood Vitamin D Deficiency In Greater Glasgow And Clyde

Dates: May 2018 to April 2021

Scottish Funding Council- Global Challenges Research Fund (GCRF)

Nature of interest: Research grant

Financial: Yes (visiting PG researcher). Amount received per annum over £5000: Yes

Subject matter: Research on undernutrition in Ghana

Dates: November 2020 to July 2021

Professor Ian Young

Personal interests

Professor of Medicine, Queen's University Belfast

Nature of interest: Employment

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Collaborates on research in general area of public health, including nutrition

Dates: 1999 to present

Chief Scientific Advisor to the Department of Health, Northern Ireland and Director of Research for Health and Social Care NI

Nature of interest: Employment

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Provides independent advice on scientific issues to NI Department of Health and Main NI funder of health and social care research

Dates: 2015 to present

International Consortium for the Harmonization of Laboratory Test Results (ICHCLR)

Nature of interest: Organization promoting standardization of laboratory test results

Financial: No

Subject matter: Laboratory testing

Dates: January 2021 to present

Deputy Editor, Clinical Chemistry

Nature of interest: Academic Journal

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Handles submissions to journals, including some papers on nutrition

Dates: January 2023 to present

Tietz Textbook of Laboratory Medicine, 7th Edition

Nature of interest: Editor

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Laboratory Medicine

Dates: Published June 2022

Non-personal interests

None

Subgroup on Maternal and Child Nutrition (SMCN)

Dr Robert Boyle

Personal interests

Imperial College London

Nature of interest: Employment

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Research, teaching and clinical practice

Dates: Since 2007

University of Nottingham

Nature of interest: Employment

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Research

Dates: 2017 to 2021

Cochrane

Nature of interest: Consultancy

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Editorial and management responsibilities – oversight of Children and Families work and of Mental Health and Neurosciences work

Dates: 2018 to 2021

John Wiley and Sons

Nature of interest: Consultancy

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Joint Editor in Chief for the journal Clinical and Experimental Allergy

Dates: Co-Editor 2015 to 2020 and Joint Editor in Chief from 2021

Office for Health Improvement and Disparities (previously Public Health England)

Nature of interest: Member of UK Nutrition and Health Claims Committee

Financial: Yes (honoraria received; travel reimbursed). Amount received per annum over £5,000: No

Subject matter: Drafting opinions on health claims applications

Dates: 2021 to present

Taus, Cebulash and Landau LLP

Nature of interest: Consultancy for expert witness work
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Written report and oral deposition in relation to a class action concerning claims made for an infant formula in USA
Dates: 2019 to 2021

Several independent legal practices and coroner courts

Nature of interest: Consultancy for expert witness and medical witness work
Financial: Yes. Amount received per annum over £5,000: No
Subject matter: Written medical assessments and court attendance in relation to cases of children and adolescents with food allergy
Dates: 2016 to 2021

Baby Feeding Law Group UK Laws — Baby Feeding Law Group UK (bflg-uk.org)

Nature of interest: Comment on draft DH guidance
Financial: No. Amount received per annum over £5,000: N/A
Subject matter: Draft DH guidance note on formula claims
Dates: Since 2021

Non-personal interests

NIHR RfPB programme

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Network meta-analysis project to evaluate comparative effectiveness of topical anti-inflammatory treatments for eczema
Dates: 2021 to 2023

NIHR Systematic Reviews programme

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Core funding for Cochrane Skin Group
Dates: 2019 to 2023

Imperial Charity

Nature of interest: Research grant
Financial: Yes. Amount received per annum over £5,000: Yes
Subject matter: Meta-research project evaluating conduct and reporting issues in clinical trials of breastmilk substitutes
Dates: 2018 to 2021

NIHR RfPB Programme

Nature of interest: Research grant

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Individual participant data meta-analysis of skincare interventions for preventing eczema

Dates: 2018 to 2021

NIHR HTA Programme

Nature of interest: Research grant

Financial: Yes Amount received per annum over £5,000: Yes

Subject matter: Trial of IgE tests for Eczema Relief (TIGER): randomised controlled trial of test-guided dietary advice for children with eczema, with internal pilot and nested economic and process evaluations

Dates: 2022 to 2027

NIHR RfPB programme

Nature of interest: Research grant

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Development and feasibility testing of an intervention to prevent potentially harmful skincare practices during infancy

Dates: 2022 to 2024

American Academy of Dermatology

Nature of interest: Research grant

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Cochrane systematic review of phototherapy for treating eczema.

Dates: 2020 to 2021

Professor Marion Hetherington

Personal interests

Elsevier

Nature of interest: Journal Editor (Editor in Chief)

Financial: Yes (quarterly stipend). Amount received per annum over £5,000: Yes

Subject matter: Appetite

Dates: 2013 to present

Give A Child A Hope

Nature of interest: Trustee

Financial: No

Subject matter: Supporting the Revival Centre, Matugga, Uganda

Dates: 2016 to present

Non-personal interests

Purely Nutrition Ltd

Nature of interest: Partner for Economic and Social Research Council collaborative studentship (X2)

Financial: Yes (research funding). Amount received per annum over £5,000: No

Subject matter: Research on use of storybooks and sensory play in preschool children to increase vegetable intake

Dates: 2014 to present

Obesity Policy Research Unit hosted by University College London (UCL)

Nature of interest: Scientific Advisor

Financial: Yes (travel). Amount received per annum over £5,000: No

Subject matter: UCL hosted policy unit on obesity prevention

Dates: 2014 to present

Professor Alan Jackson

Personal interests

World Health Organization

Nature of interest: Nutrition Topic Advisory Group: guideline development group
Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No
Subject matter: 1. Composition of RUTF. 2. Wasting in
Dates: 2019 to present

International Union of Nutritional Sciences

Nature of interest: Convenor of International Malnutrition Task Force
Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No
Subject matter: Malnutrition
Dates: 2006 to present

International Union of Nutritional Sciences

Nature of interest: Chair of International Task Force on Cancer and Nutrition
Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No
Subject matter: Cancer and Nutrition
Dates: 2018 to present

Non-personal interests

BerGenBio ASA

Nature of interest: Son Dr Akil Jackson
Financial: No
Subject matter: Medical Director
Dates: 2018 to present

Dr Sophie Moore

Personal interests

None

Non-personal interests

Welcome Trust

Nature of interest: Senior Research Fellowship (PI)

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Micronutrient interventions to improve infant neurocognitive development and growth in early infancy

Dates: 2020 to 2025

Emergency Nutrition Network

Nature of interest: Member

Financial: No

Subject matter: Wasting and Stunting Technical Interest Group

Dates: 2014 to present

Micronutrient Forum

Nature of interest: Advisory Council Member

Financial: No

Subject matter: Eradication of global micronutrient deficiencies

Dates: 2021 to present

Wellcome Trust

Nature of interest: Member, Interview Panel

Financial: Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No

Subject matter: Science Discovery

Dates: 2021 to present

Professor Paula Moynihan

Personal interests

The University of Adelaide

Nature of interest: Employment

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Director, Food & Health

Dates: 2019 to present

WHO

Nature of interest: External resource person to NUGAG sub-panel on diet and health

Financial: Yes (travel expenses only). Amount received per annum over £5,000:

No

Subject matter: Advising on carbohydrates (not sugars) and oral health

Dates: 2016 to present

IADR (International Association for Dental Research)

Nature of interest: Board member and Immediate Past President. Since 2017 I have taken roles of Vice President, President Elect, President and now Immediate Past President

Financial: No (travel expenses covered). Amount received per annum over £5,000: No

Subject matter: Global oral health research organisation.

Dates: 2017 to 2021

Public Health England (PHE)

Nature of interest: member of PHE/OHID's working group updating the Evidence Based Dentistry Toolkit 'Delivering Better Oral Health'

Financial: No.

Subject matter: Providing expert advice on evidence pertaining to nutrition and oral health

Dates: 2017 to 2021

European Food Safety Authority

Nature of interest: Member of EFSA Panel on Nutrition, Novel Foods and Food Allergens (NDA) Working Group on Added Sugars.

Financial: Yes (fee and expenses). Amount received per annum over £5,000: No

Subject matter: Contributing to Scientific Opinion on upper tolerable level of sugars intake by providing expertise on the oral health evidence base relevant to sugars intake

Dates: 2017 to 2022

Nutrition Society Australia

Nature of interest: Member

Financial: No.

Subject matter: Nutrition research and advocacy organisation

Dates: 2020 to present

Journal of Dental Research

Nature of interest: Editorial board member

Financial: No.

Subject matter: Reviewing manuscripts and attending board meetings to discuss direction of journal

Dates: 2017 to present

Journal of Dental Research Clinical and Translational Research

Nature of interest: Scientific Advisory Board

Financial: No

Subject matter: invited to participate in the peer review process as well as be considered as key experts regarding editorials and perspectives for the growing journal.

Dates: 2022 to 2025

Gerodontology

Nature of interest: Editorial board member

Financial: No.

Subject matter: Reviewing manuscripts and attending board meetings to discuss direction of journal

Dates: 2015 to present

Australian Dental Association

Nature of interest: member of working group on 'Oral Health Messages for the Australian Public'

Financial: No

Subject matter: providing advice on methodology used to collate evidence base and its interpretation. Contributing to working group meetings.

Dates: 2022 – present.

Non-personal interests

GSK Consumer Healthcare

Nature of interest: Consultant

Financial: Yes (consultancy fee paid to my employer). Amount received per annum over £5,000: Yes

Subject matter: Collaborating on research into diet and wearing dentures.

Dates: 2019 to 2021

Haleon (formally GSK Consumer Healthcare)

Nature of interest: Consultant

Financial: Yes (consultancy fee paid to my employer). Amount received per annum over £5,000: Yes

Subject matter: Collaborating on research into diet and wearing dentures.

Dates: 2022 to present.

Colgate

Nature of interest: Colgate funded PhD Scholarship for student I supervise

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Assessing sugars intake by children in India and Australia

Dates: 2019 to present

Professor Ann Prentice

Personal interests

Shenyang Medical College, People' Republic of China

Nature of interest: Appointment of Honorary Professor

Financial: No

Subject Matter: N/A

Dates: 1995 to present

University of Witwatersrand, South Africa

Nature of interest: Appointment of Honorary Professor

Financial: No

Subject matter: N/A

Dates: 2013 to present

University of Surrey

Nature of interest: Appointment of Honorary Doctor

Financial: No

Subject matter: N/A

Dates: 2014 to present

Rank Prize Funds

Nature of interest: Committee member

Financial: Yes (travel reimbursed). Amount received per annum over £5,000: No

Subject matter: Grant awards

Dates: 2015 to present

Nestle Foundation

Nature of interest: Council Member

Financial: Yes (honoraria received, travel expenses reimbursed). Amount received per annum over £5,000: Yes

Subject matter: Grant awards

Dates: 2015 to present

University of Cambridge

Nature of interest: Appointment as Honorary Senior Visiting Fellow

Financial: No

Subject matter: Expertise in global nutrition and health

Dates: 2021 to present

Office for Health Improvement and Disparities (OHID) (Previously Public Health England (PHE))

Nature of interest: Member of Advisory Committee to the consortium contracted to PHE/OHID

Financial: No

Subject matter: National Diet and Nutrition Survey Y11-14

Dates: 2018 to present

Medical Research Council;

The Gambia Unit at the London School of Hygiene and Tropical Medicine

Nature of interest: Honorary Senior Research Fellow

Financial: No

Subject matter: Research in The Gambia

Dates: 2018 to present

Medical Research Council-UKRI

Nature of interest: Visiting worker, MRC Laboratory of Molecular Biology

Financial: No

Subject matter: Administrative support

Dates: 2019 to present

Non-personal interests

None

Subgroup on framework and methods for evidence evaluation

Dr Russell Jude de Souza (co-opted member)

Personal interests

The Helderleigh Foundation, LLC

Nature of interest: Independent director

Financial: No. Amount received per annum over £5,000: No

Subject matter: Advising on nutrition, dietetics, and research matters as they relate to the foundation's mission

Dates: 2019 to present

Non-personal interests

Canadian Institutes for Health Research

Nature of interest: Grant for research

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Diet and gestational diabetes

Dates: 2020 to 2023

Canadian Institutes of Health Research

Nature of interest: Grant for research

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Air pollution and cardiovascular disease

Dates: 2021 to 2022

Canadian Institutes of Health Research

Nature of interest: Grant for research

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Genetic, environmental determinants of asthma

Dates: 2015 to 2021

Canadian Institutes of Health Research

Nature of interest: Team grant for research

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Deciphering the metabolic signatures of the metabolic syndrome (MetS) in young children

Dates: 2015 to 2022

Canadian Institutes of Health Research

Nature of interest: Grant for research

Financial: Yes. Amount received per annum over £5,000: Yes

Subject matter: Birth cohort follow-up for early cardiovascular risk/health

Dates: 2021 to 2026

Health Canada Nutrition Science Advisory Committee

Nature of interest: Committee member

Financial: No. Amount received per annum over £5,000: No

Subject matter: Nutrition science (epidemiology)

Dates: 2020 to present

Dietitians of Canada

Nature of interest: member

Financial: No. Amount received per annum over £5,000: No

Dates: Pre-2018 to present

College of Dietitians of Ontario

Nature of interest: member

Financial: No. Amount received per annum over £5,000: No

Dates: Pre-2018 to present

Canadian Nutrition Society

Nature of interest: member

Financial: No. Amount received per annum over £5,000: No

Dates: Pre-2018 to present

American Society for Nutrition

Nature of interest: member

Financial: No. Amount received per annum over £5,000: No

Dates: Pre-2018 to present

Working Group on Nutrition and Maternal Health

Emerita Professor Annie Anderson

Personal interests

Bowel Cancer UK

Nature of interest: Member, advisory board

Financial: No

Subject matter: Bowel cancer

Dates: 2006 to 2022

Scottish Cancer Foundation

Nature of interest: Member, Board of Directors

Financial: No

Subject matter: Cancer

Dates: 2006 to present

Scottish Cancer Prevention Network

Nature of interest: Co-director

Financial: No

Subject matter: Cancer prevention

Dates: 2009 to present

International Journal of Behaviour, Nutrition and Physical Activity

Nature of interest: Editorial Board member

Financial: No

Subject matter: Editorial

Dates: 2007 to present

World Cancer Research Fund

Nature of interest: Chair (2019), Member (2020 to 2022) International Grant Panel

Financial: Yes (travel expenses) Amount received per annum over £5,000: No

Subject matter: Diet, physical activity, alcohol, obesity and cancer

Dates: 2018 to 2022

Health Research Board (Ireland)

Nature of Interest: Member (2022 to 2023) Definitive Intervention and Feasibility Awards

Financial: Yes. Amount received per annum over £5000: No

Subject matter: Lifestyle interventions

Dates 2022 to 2023

UK Society for Behavioural Medicine

Nature of interest: President, President Elect, Vice President

Financial: Yes (travel expenses) Amount received per annum over £5,000: No

Dates: 2018 to 2022

Norwegian Cancer Society

Nature of interest: Chair

Financial: Yes (travel expenses) Amount received per annum over £5,000: No

Subject matter: Grants committee

Dates: 2021

Scottish Government

Nature of interest: Chair of Cancer Pre-habilitation Implementation Steering Group

Financial: No (travel expenses) Amount received per annum over £5,000: No

Subject matter: Cancer Pre-habilitation Implementation Steering Group

Dates: 2021 to 2023

European Breast Cancer Conference

Nature of interest: Invited speaker

Financial: Yes (travel expenses and paid accommodation) Amount received per annum over £5,000: No

Subject matter: Presentation at International conference- (Combining cancer screening and prevention)

Dates: 2021

Non-personal interests

None

Professor Basma Ellahi (co-opted member)

Personal interests

Agriculture University Faisalabad, Pakistan

Nature of interest: presentation at conference (travel reimbursed) (accommodation and meal expenses directly by University)

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 6 to 8 November 2022

Aga Khan University, Pakistan

Nature of interest: presentation at conference (travel, accommodation, meals) paid by organisation

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 11 to 13 November 2022

University of Lahore, Pakistan

Nature of interest: Presentation at conference (flight, accommodation, meals) paid by Organisation

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 24 to 29 October 2022

University of Sarghoda, Pakistan

Nature of interest: conference presentation (travel and meals covered by University)

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 27 to 28 October 2022

Sheffield University, London Met University, Greenwich University, Nottingham University, Cardiff Metropolitan University,

London School of Hygiene and Tropical Medicine

Nature of interest: PhD Examiner

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 2014 to 2023

Agriculture University Faisalabad, Pakistan

Nature of interest: Honorary Associate Professor

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 2017 to present

Zayed University, United Arab Emirates

Nature of interest: External examiner BSc

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Public Health Nutrition

Dates: 2020 to present

Truro and Penwith College

Nature of interest: External examiner undergraduate degree (Fd)

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 2019 to present

Coventry University

Nature of interest: External examiner MSc Public Health Nutrition

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 2020 to present

London School of Hygiene and Tropical Medicine

Nature of interest: External examiner MSc Nutrition for Global Health

Financial: Yes. Amount received per annum over £5,000: No

Subject matter: Nutrition

Dates: 2022 to present

Non-personal interests

None

Joint SACN/COT Working Group on Plant-Based Drinks

The SACN/COT joint working group on plant-based drinks includes 3 representatives from the Committee on Toxicity (COT) (Professor Alan Boobis, Dr Caroline Harris, Professor Gunter Kuhnle). These 3 working group members are not included in the SACN Register of Interests, as their declarations are provided on the [COT website](#).

Professor Tim Key

Personal interests

None

Non-personal interests

MRC

Nature of interest: Research

Financial: Yes (to University of Oxford). Amount received per annum over £5,000: Yes

Subject matter: Health of Vegetarians project

Dates: 2017 to 2021

Wellcome Trust

Nature of interest: Research

Financial: Yes (to University of Oxford). Amount received per annum over £5,000: Yes

Subject matter: Livestock, Environment and People programme

Dates: 2017 to present

WHO-Europe

Nature of interest: Research

Financial: Yes (to University of Oxford). Amount received per annum over £5,000: Yes

Subject matter: Plant-based diets

Dates: 2021 to present

Professor Tim Key - Non-personal interests

CRUK

Nature of interest: Research

Financial: Yes (to University of Oxford). Amount received per annum over £5,000:
Yes

Subject matter: Potential risk factors for cancer, including soya and cows' milk and other dairy products

Dates: 2021 to 2025

Professor Mike Kelly

Personal interests

None

Non-personal interests

None

Working group on Vitamin D fortification

All members of this working group are also members of either the SACN main committee or SMCN, and their biographies are stated in the sections for these committees.