



Annual Report 2018

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## Foreword

It is my pleasure to introduce the 18<sup>th</sup> annual report of the Scientific Advisory Committee on Nutrition (SACN) which covers the work of the committee in 2018.

In February 2018, the committee published a position statement on *Diet, cognitive impairment and dementias*. The statement broadly supports existing advice to eat a healthy diet as depicted in the Eatwell Guide. However, the report indicates that, overall, there isn't currently enough evidence to support a relationship between diet and the prevention of dementia. The statement was developed over a relatively short period of time and I would like to thank all those involved.

Between May and July 2018, the draft SACN report on *Saturated fats and health* was issued for public consultation. There was an excellent response to consultation with 14 interested parties submitting detailed and helpful comments. The working group is making good progress considering comments received and finalising the report. It is hoped that the final report will be published in 2019.

Following a public consultation in 2017, the committee published its report *Feeding in the first year of life* in July 2018. The report provides recommendations on infant feeding up to 12 months of age, which were last reviewed by SACN's predecessor the Committee on Medical Aspects of Food and Nutrition Policy (COMA) in 1994. SACN's conclusions support existing advice on infant feeding, the introduction of solid foods and diversification. The report was the product of many years hard work and on behalf of SACN I would like to thank all those involved.

The joint SACN, NHS England and Diabetes UK working group continued to review evidence on lower carbohydrate diets (alongside higher fat and/or higher protein) compared to current government advice for adults with type 2 diabetes. I look forward to seeing this work progress in 2019.

SACN held productive horizon scanning sessions at its June and November meetings this year. As a result of discussions, members agreed to undertake future consideration of i) individual fatty acids and health, and ii) maternal health. Members also agreed to examine the basis for the current DRVs for micronutrients, consider the SACN framework and ensure that ethnicity, vulnerability and cultural diversity are actively considered as part of all risk assessments. As part of their commitment to openness and engagement with interested parties, SACN also discussed options for increasing openness. I look forward to plans progressing on all of these activities in 2019.

This year, the reports of COMA, the committee which SACN superseded in 2000, were placed on the SACN website. This is a fantastic resource for all those working in nutrition.

This year there have been a number of changes to the membership of SACN. We welcomed Dr Darren Greenwood, Professor Susan Jebb and Professor Sian Robinson onto the committee. Professor Tim Key stood down from the committee after 16 years' service to SACN. Professor Monique Raats also stood down from the committee after 7 years' service to SACN. I would like to thank Professors Key and Raats for all their contributions and insights and wish them well in the future.

Finally, I would like to thank members of the main committee, its subgroup and working groups, and the secretariat, for their commitment to the work of SACN in 2018.



**Professor Ann Prentice**

**Chair**

## About the committee

SACN is a UK wide advisory committee providing advice to Public Health England (PHE) as well as other government agencies and departments. Its remit includes matters concerning nutrient content of individual foods, advice on diet and the nutritional status of people.

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

SACN is supported in its work by a secretariat provided by Public Health England. The secretariat have scientific expertise that enables them to provide SACN members with comprehensive background information and briefing papers to inform the decision-making processes of the committee.

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

### Openness

SACN is committed to a policy of openness and engagement. Papers for the committee's meetings, agendas and minutes are posted on the [committee website](#), subject to certain exceptions on grounds of commercial or other sensitive information. As part of the policy of openness, the committee's main meetings are held in open session by default.

### Membership

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

### Remuneration and committee finance

Remuneration and committee finances are shown in Annex 4.

### Declaration of interests

Members must declare all their interests at the time of their appointment and must promptly notify the secretariat of any changes. Before, or at the start of every meeting, members are asked to declare any changes to their interests, which are recorded in the minutes. It is the responsibility of each member to indicate if they have an interest in any item of business on the agenda of a meeting of SACN or its subgroup or working groups. SACN's policy on identifying and declaring interests and handling any potential or actual conflict of interests is set out in the [SACN Code of Practice](#).

A [register of members' interests](#) is maintained on SACN's website; the register is updated as soon as possible after an interest is declared. 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 subgroup and working groups, and from the 4 devolved administrations, are regular features on the agenda.

## **SACN's work in 2018**

This is the 18<sup>th</sup> annual report of SACN and covers the calendar year 2018.

The main committee met three times in 2018, on 13 March, 19 June and 8 November. Professor Ann Prentice chaired all SACN main meetings in 2018.

The Subgroup on Maternal and Child Nutrition (SMCN) met three times in 2018, on 1 February, 10 May and 25 September, and held 1 additional drafting meeting on 17 December.

The Saturated Fats Working Group met twice in 2018, on 26 July and 5 October, and held 1 teleconference meetings on 25 January and 13 December.

The Joint SACN / NHSE / Diabetes UK working group on lower carbohydrate diets for adults with type 2 diabetes met twice in 2018, on 16 May and 13 September.

The Older Adults Working Group met once in 2018, on 14 September, and held 1 teleconference meeting on 24 July.

Diet, cognitive impairment and dementias was finalised by email in early 2018 and no working group meetings were held.

### **Work Programme**

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

- diet, cognitive impairment and dementias
- feeding in the first year of life
- saturated fats and health
- lower carbohydrate diets (alongside higher fat and/or higher protein) compared to current government advice for adults with type 2 diabetes
- feeding children aged 1 to 5 years
- nutrition and older adults

### **Forward Look**

The following issues were highlighted for future consideration:

- individual fatty acids and health
- maternal health

The committee also agreed to:

- examine the SACN framework
- examine the basis for the current dietary reference values for micronutrients
- consider ethnicity, diversity, vulnerability and cultural practice as part of each risk assessment, rather than as a separate topic

### **Watching Brief**

The committee agreed to keep a watching brief on the following items:

- folic acid fortification
- iodine status of the UK population
- protein
- sustainable healthy diets
- total fat

## SACN's working groups and subgroup

The committee operates through a subgroup and working groups comprising SACN members and co-opted specialists. These groups develop recommendations and advice on specific areas of public health nutrition. The following groups were active during 2018:

- Subgroup on Maternal and Child Nutrition
- Saturated Fats Working Group
- Joint SACN / NHSE / Diabetes UK Working Group to review evidence on lower carbohydrate diets (alongside higher fat and/or higher protein) compared to current government advice for adults with type 2 diabetes
- Older Adults Working Group

These groups report back on progress to the main committee at each SACN meeting.

### Subgroup on Maternal and Child Nutrition

#### Background

The Subgroup on Maternal and Child Nutrition (SMCN) was set up as a specialist standing group to advise government on issues relating specifically to maternal and child nutrition, an area on which health departments need regular scientific advice for policy-making and regulatory purposes.

#### Terms of reference

The terms of reference for SMCN are to advise, through SACN, on aspects of maternal and child diet and nutrition, as referred to it by PHE, the UK Health Departments and SACN.

#### Activity

In 2018, the work of SMCN focused on finalising its major review of the scientific evidence underpinning recommendations on feeding in the first year of life. The final report was published in July 2018. The report provides recommendations on infant feeding from birth up to 12 months of age, which were last reviewed by SACN's predecessor the Committee on Medical Aspects of Food Policy (COMA) in 1994. SACN's conclusions support existing advice on infant feeding, the introduction of solid foods and diversification of the diet. That is, babies should be exclusively breastfed until around 6 months of age and continue to be breastfed for at least the first year of life. Solid foods should not be introduced until around 6 months to benefit the child's overall health. SACN has also recommended that advice on the introduction of peanut and hen's egg should be strengthened to state that these foods can be introduced from around 6 months of age, need not be differentiated from other solid foods, and that the deliberate exclusion of peanuts or hen's egg beyond 6 to 12 months of age may increase the risk of allergy to these foods.

SMCN finalised the scope of its next major review on feeding children aged 12 to 60 months. The scope was discussed at meetings in May and September 2018 and signed off at SACN in November 2018. An interim teleconference was also held in December 2018 to discuss the search strategy for this work.

In other work in 2018, SMCN continued to highlight gaps in infant feeding data collection in the absence of the Infant Feeding Survey. They considered the Codex consultation on Nutrient Reference Values – Requirements (NRV-R) for older infants and young children. SMCN also received a presentation on the PHE Children and Young People Partnership Board.

Professor Lucilla Poston was co-opted to SMCN in May 2018. Professor Monique Raats stood down from SMCN in July 2018.

## **Saturated Fats Working Group**

### **Background**

The Saturated Fats Working Group was established in 2015 to examine the evidence linking dietary fats and health outcomes following discussion by the main SACN committee of the need to address issues that have been raised by some commentators and a direct request from Food Standards Scotland.

### **Terms of reference**

- Review the evidence for the relationship between saturated fats and health and make recommendations.
- Review evidence on the association between saturated fats and key risk factors and health outcomes at different life stages for the general UK population.

### **Activity**

Through 2018 the group focused on preparing the draft report on saturated fats and health for consultation and then considered consultation comments.

At their January teleconference, the group focused on preparing the draft report for consideration by SACN. The draft report was then considered by SACN at its meetings in March and November 2018.

The draft report on Saturated fats and health was published for an 8-week public consultation on 8 May 2018, closing on 3 July 2018. Interested parties were invited to submit comments relating to the scientific content of the draft report and to alert the committee to any evidence that it may have missed. Fourteen interested parties responded to the consultation.

At their meetings in July and October, the group considered the consultation comments received, prepared responses to these and considered potential amends to the draft report. The consultation comments, draft responses and the updated draft report were also considered by SACN in November 2018. The group held an additional teleconference in December to further consider the draft report in light of SACN's discussion at the meeting in November.

The aim is to publish the final report on saturated fats and health in 2019.

## **Joint SACN / NHS England / Diabetes UK Working Group**

### **Background**

PHE asked SACN to review the evidence on lower carbohydrate diets (alongside higher fat and/or higher protein) compared to current government advice for adults with type 2 diabetes. To take this review forward, NHS England and Diabetes UK were approached to form a joint working group with SACN. The group is jointly chaired by representatives from SACN (Professor Ian Macdonald) and Diabetes UK (Mr Douglas Twenefour) and includes other members of SACN (Professors Peter Aggett and Ian Young) and a person living with type 2 diabetes. The group also includes representatives from Diabetes UK, the Royal College of General Practitioners, the Royal College of Physicians and the British Dietetic Association. The group is observed by other government departments, NHS England and the National Institute for Health and Care Excellence (NICE).

### **Terms of reference**

- To review the evidence on lower carbohydrate diets (alongside higher fat and/or higher protein) compared to current government advice<sup>1</sup> for adults with type 2 diabetes. This will include consideration of the impact of lower carbohydrate diets compared with higher carbohydrate diets on clinical outcomes and markers of type 2 diabetes and any potential adverse effects.
- Make recommendations based on the review of the evidence.

<sup>1</sup> Current government advice is that approximately 50% of dietary energy should be obtained from carbohydrates.

### **Activity**

At its first meeting in May, the joint working group considered evidence tables for systematic reviews that met the inclusion criteria for this work. The group also considered the outcome to the call for evidence that had been undertaken earlier in the year. At its second meeting in September, the joint working group considered detailed evidence tables for the primary studies included in the eligible systematic reviews and meta-analyses, to better inform their assessment.

The aim is to publish a draft report for consultation in 2019.

## **Older Adults Working Group**

### **Background**

The Older Adults Working Group was established in 2018 to prepare a position statement on nutrition and older adults. This was a result of horizon scanning in 2016 and discussion of this issue by SACN in March 2017.

### **Terms of reference**

- To review current evidence on the role of nutrition in older adults and its impact on healthy ageing<sup>1,2,3</sup>. This will include consideration of:
  - i. key nutritional issues relevant to age-related health, including age-related changes in cognition, physical and metabolic function
  - ii. current dietary intake and patterns compared to current UK government advice
  - iii. evidence according to chronological age: 65-74 years, 75 years and above.
- To draw conclusions on the state of the evidence in relation to existing advice and make recommendations where possible.

<sup>1</sup> Excludes older adults who are living in residential care or nursing homes

<sup>2</sup> New evidence will not be sought where SACN have already published relevant conclusions and/or recommendations for these age groups

<sup>3</sup> For more information, see inclusion and exclusion criteria

### **Activity**

The working group met for the first time in July 2018 by teleconference to discuss the terms of reference and scope of the work, the potential approach and timeline. They met for the first time in person in September 2018 and further considered the terms of reference and scope. They considered data on older adults from the National Diet and Nutrition Survey and a background paper setting out key issues and systematic reviews. They also considered key outcomes and the inclusion and exclusion criteria for the work.

The aim is to publish a position statement on this topic in 2020.

# Annex 1

## SACN's terms of reference

SACN is an advisory committee that replaced the Committee on Medical Aspects of Food and Nutrition Policy (COMA). It advises the Government and is supported by a PHE secretariat.

Its advice covers scientific aspects of nutrition and health with specific reference to:

- nutrient content of individual foods and advice on diet as a whole including the definition of a balanced diet
- nutritional status of people in the UK and how it may be monitored
- nutritional issues which affect wider public health policy issues including conditions where nutritional status is one of a number of risk factors (e.g. cardiovascular disease, cancer, osteoporosis and obesity)
- nutrition of vulnerable groups (e.g. infants and the elderly) and health inequality issues
- research requirements for the above.

All members and the secretariat regard it as part of their role to:

- examine and challenge if necessary the assumptions on which scientific advice is formulated and ask for explanations of any scientific terms and concepts which are not clear
- ensure that SACN has the opportunity to consider contrary scientific views and the concerns and values of stakeholders before a decision is taken
- ensure that SACN's advice is clear and comprehensible.

SACN has a UK wide remit and observers from the devolved administrations attend SACN main meetings.

## Annex 2

### Membership of the committee

**Chair** Professor Ann Prentice  
Director, MRC Elsie Widdowson Laboratory, Cambridge

**Deputy Chair** Professor Peter Aggett  
Honorary Professor, School of Medicine and Health, Lancaster University, and  
Emeritus Professor and Past Head of Lancashire School of Postgraduate Medicine  
and Health, University of Central Lancashire

### Other members

Ms Gill Fine  
Public Health Nutritionist

Dr Darren Greenwood (*from May 2018*)  
Senior Lecturer in Biostatistics, University of Leeds

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

Professor Susan Jebb (*from August 2018*)  
Professor of Diet and Population Health, University of Oxford

Professor Timothy Key (*until July 2018*)  
Professor of Epidemiology and Deputy Director of Cancer Epidemiology Unit,  
University of Oxford

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

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

Professor Ian Macdonald  
Professor of Metabolic Physiology, School of Life Sciences, University of Nottingham

Professor Harry J McArdle  
Professor Emeritus of Biomedical Sciences, Rowett Institute of Nutrition and Health,  
University of Aberdeen  
Honorary Professor of Biological Sciences, University of Nottingham

Dr David Mela (Industry member)  
Senior Scientist, Unilever R&D Vlaardingen, The Netherlands

Professor Ken Ong  
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 Hilary Powers  
Professor Emeritus of Nutritional Biochemistry, Department of Oncology and Metabolism, University of Sheffield

Professor Monique Raats (*until July 2018*)  
Director of the Food, Consumer Behaviour and Health Research Centre and Associate Dean Research and Innovation for the Faculty of Health and Medical Sciences, University of Surrey

Professor Sian Robinson (*from August 2018*)  
Professor of Nutritional Epidemiology, University of Southampton

Professor Angus Walls  
Professor of Restorative Dentistry and Director of the Edinburgh Dental Institute, University of Edinburgh

Dr Stella Walsh (Lay member)

Professor Charlotte Wright  
Professor of Community Child Health, School of Medicine, Dentistry and Nursing, University of Glasgow

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

**Observers**

Ms Joanne Casey (*until August 2018*)  
Food Standards Agency Northern Ireland

Dr Naresh Chada  
Department of Health, Social Services and Public Safety, Northern Ireland

Ms Naomi Davidson (*from September 2018*)  
Food Standards Agency Northern Ireland

Professor Louis Levy  
Public Health England

Ms Anne Milne  
Food Standards Agency Scotland

Ms Sarah Rowles  
Department of Health and Social Services, Wales

Ms Debby Webb  
Department of Health and Social Care, England

**Secretariat      Public Health England**

Dr Adrienne Cullum  
Dr Daphne Duval  
Ms Rachel Elsom  
Ms Goda Kijauskaite  
Ms Jennifer Lynas  
Mr Alastair McArthur  
Ms Emma Peacock  
Ms Mamta Singh  
Mr Heiko Stolte  
Ms Gillian Swan

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

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

### Other members

Professor Peter Aggett (SACN Deputy Chair)  
Honorary Professor, School of Medicine and Health, Lancaster University, and Emeritus Professor and Past Head of Lancashire School of Postgraduate Medicine and Health, University of Central Lancashire

Professor Annie Anderson (External expert)  
Professor of Public Health Nutrition, Centre for Public Health Nutrition Research, University of Dundee

Professor Alan Jackson (External expert)  
Emeritus Professor of Human Nutrition, University of Southampton

Professor Mairead Kiely (External expert)  
Cork Centre for Vitamin D and Nutrition Research, School of Food and Nutritional Sciences, College of Science Engineering and Food Science, Irish Centre for Fetal and Neonatal Translational Research [INFANT], College of Medicine and Health University College Cork, Ireland.

Professor Ann Prentice (SACN Chair)  
Director, MRC Elsie Widdowson Laboratory, Cambridge

Professor Lucilla Poston (co-opted external expert, *from May 2018*)  
Tommy's Professor of Maternal and Fetal Health, Head of School of Life Course Sciences, King's College London

Professor Monique Raats (SACN member, *until July 2018*)  
Director of the Food, Consumer Behaviour and Health Research Centre and Associate Dean Research and Innovation for the Faculty of Health and Medical Sciences, University of Surrey

Professor Siân Robinson (External expert; *SACN member from August 2018*)  
Professor of Nutritional Epidemiology at the MRC Lifecourse Epidemiology Unit, University of Southampton

Dr Stella Walsh (SACN member)  
Lay member

Professor Angus Walls (co-opted SACN member)  
Professor of Restorative Dentistry and Director of the Edinburgh Dental Institute

Professor Charlotte Wright (SACN member)  
Professor of Community Child Health, School of Medicine Dentistry and Nursing, University of Glasgow

## Membership of the Saturated Fats Working Group

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

### Other members

Professor Jules Griffin (External expert)  
University of Cambridge and Elsie Widdowson Laboratory

Professor Timothy Key (SACN member *until July 2018*; external expert *from August 2018*)  
Professor in Epidemiology and Deputy Director of Cancer Epidemiology Unit, University of Oxford

Professor Mairead Kiely (SMCN member)  
Cork Centre for Vitamin D and Nutrition Research, School of Food and Nutritional Sciences, College of Science Engineering and Food Science, Irish Centre for Fetal and Neonatal Translational Research [INFANT], College of Medicine and Health University College Cork, Ireland

Professor Julie Lovegrove (SACN member)  
Professor of Human Nutrition, Head of the Hugh Sinclair Unit of Human Nutrition and Deputy Director for the Institute for Cardiovascular & Metabolic Research at the University of Reading

Dr David Mela (SACN member)  
Senior Scientist, Unilever R&D Vlaardingen, The Netherlands

Mrs Gemma Paramor (SACN member)  
Finance professional in accounting and fund management

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

## **Membership of the joint SACN / NHS England / Diabetes UK Working Group**

**Co-Chair** Professor Ian Macdonald (SACN member)  
Professor of Metabolic Physiology, School of Life Sciences, University of Nottingham

**Co-Chair** Mr Douglas Twenefour  
Deputy Head of Care at Diabetes UK

### **Other members**

Professor Peter Aggett (SACN member)  
Honorary Professor, School of Medicine and Health, Lancaster University, and  
Emeritus Professor and Past Head of Lancashire School of Postgraduate Medicine  
and Health, University of Central Lancashire

Dr Pamela Dyson (representing the British Dietetic Association)  
Research dietitian, University of Oxford and diabetes specialist dietitian at Oxford  
Health NHS Foundation Trust

Professor Nita Forouhi (Independent expert)  
Programme leader, MRC Epidemiology Unit, University of Cambridge

Dr Rachel Pryke (representing the Royal College of General Practitioners)  
General Practitioner and trainer in Redditch, Worcestershire

Professor Roy Taylor (representing the Royal College of Physicians)  
Professor of Medicine and Metabolism, University of Newcastle and Honorary  
Consultant Physician in Newcastle

Ms Ruth Waxman  
Patient representative

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

**Observers** Ms Lorraine Shuker  
NHS England

Dr Monica Desai  
National Institute for Health and Care Excellence

## **Membership of the Older Adults Working Group**

**Chair** Ms Gill Fine (SACN member)  
Public Health Nutritionist

### **Other members**

Professor Harry J McArdle (SACN member)  
Professor Emeritus of Biomedical Sciences, Rowett Institute of Nutrition and Health,  
University of Aberdeen  
Honorary Professor of Biological Sciences, University of Nottingham

Professor Siân Robinson (SACN member)  
Professor of Nutritional Epidemiology at the MRC Lifecourse Epidemiology Unit,  
University of Southampton

Dr Stella Walsh (SACN member)  
Lay member

Professor Angus Walls (SACN member)  
Professor of Restorative Dentistry and Director of the Edinburgh Dental Institute

## Annex 3

### Committee members' biographies

#### **Professor Ann Prentice (SACN Chair)**

Director, MRC Elsie Widdowson Laboratory, Cambridge. 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. Professor Prentice 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. She is an Honorary Professor of the University of Cambridge, University of Witwatersrand, South Africa and Shenyang Medical College, PR China, a Visiting Professor of the University of Southampton and an Honorary Doctor of the University of Surrey. She is an Honorary Fellow of the Nutrition Society, the Association for Nutrition and the Royal College of Paediatric and Child Health, and is elected as a Fellow of the International Union of Nutritional Sciences, the Academy of Medical Sciences and the Royal Society of Biology. She was appointed an OBE in the Birthday Honours List of 2006.

#### **Professor Peter Aggett (SACN Deputy Chair)**

Honorary Professor, School of Medicine, Lancaster University, and Emeritus Professor and past Head of Lancashire School of Postgraduate Medicine and Health, University of Central Lancashire. He is interested in trace element metabolism in health and disease. He has served on national and international advisory committees relating to clinical nutrition, public health nutrition, nutritional requirements, nutrient safety and risk assessment, such as the European Commission Scientific Committee on Food, the Committee on Toxicology, the Advisory Committee for Novel Foods and Processes, and the Expert Group on Vitamins and Minerals. He was a member of COMA for 7 years, and is a past Chair and secretary of the Committee on Nutrition of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition. Past Chair of the Nutrition Committee of the Royal College of Paediatrics and Child Health, and current Chair of the Nutrition Committee of the Royal College of Physicians of London.

#### **Ms Gill Fine**

Independent Public Health Nutritionist and currently serves as a Trustee and Scientific Governor at the British Nutrition Foundation and as an Independent Board Member for the Agriculture and Horticulture Development Board Beef and Lamb Sector Board. From 2004 to 2010, she was the Director of Consumer Choice and Dietary Health at the Food Standards Agency (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, GM, 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 World Health Organization Collaborating Centre for Nutritional Epidemiology, has authored over 200 research articles, has 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. His research is concerned with the dietary and social determinants of health, the influence of early life events, and the individual response to diet. He works on nutrition, epigenetics and genetics relevant to pregnancy, cognition, and cancer. He edited *Nutrition in Epigenetics and Population Epigenetics*. He has served

on a number of national and international advisory committees and panels including the UK Advisory Committee for Novel Foods and Processes and the EU Healthy Diet for a Healthy Life Joint Programming Initiative. He is Chair of the BBSRC Bioscience for Health Strategy Panel and a member of the BBSRC Research Advisory Panel. His research is funded by Scottish Government, ESRC/BBSRC and medical charities.

#### **Professor Susan Jebb**

Professor of Diet and Population Health, Nuffield Department of Primary Care Health Sciences, University of Oxford. Her main research interests are in the prevention and treatment of obesity and cardiometabolic risk through behavioural interventions at both the individual and population level to change diet. She was Chair of the government Expert Advisory Group on Obesity from 2007 to 2011, independent Chair of the Public Health Responsibility Deal Food Network from 2011 to 2015 and Chair of a NICE Public Health Advisory Committee from 2014 to 2018. She is a Fellow of the Academy of Medical Sciences and was appointed an OBE in 2008 for services to public health.

#### **Professor Timothy Key**

Professor of Epidemiology and Deputy Director of the Cancer Epidemiology Unit, University of Oxford. His research includes the interactions between nutrition and hormones, cancer and cardiovascular disease, and the long-term health of vegetarians and vegans. He is the lead investigator of the Oxford component of the European Prospective Investigation into Cancer (EPIC), which is a European-wide collaborative study, Chair of the EPIC Working Group on Nutrition and Prostate Cancer, and Chair of the Endogenous Hormones and Breast Cancer Collaborative Group.

#### **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 focus 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. She is editor of the first academic textbook on *Nutritional Aspects of Bone Health*. She was a member of the SACN Vitamin D Working Group and is Editor-in-Chief of the Nutrition Society Textbook Series. She is a member of the Nutrition Forum for the National Osteoporosis Society, a Governor and Scientific Advisory Group member of the British Nutrition Foundation and the new Honorary Secretary for the Nutrition Society. She has recently been awarded Fellowship status of the Society of Biology and Fellowship status of the Association for Nutrition. 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.

#### **Professor Julie Lovegrove**

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 serves on a number of research ethics committees. She is Chair of the Accreditation Committee for the Association for Nutrition (AfN) and Deputy Chair of Council for AfN. She represents SACN on the project board for the National Diet and Nutritional Survey (NDNS), and is a member of the Saturated Fats Working Group and joint SACN-COT Working Group on Potassium-based Sodium Replacers. She is also a member of two International Life Science Institute (ILSI) working groups. She was awarded a Fellowship of the AfN in 2014. She is President Elect of the Nutrition Society, UK.

#### **Professor Ian Macdonald**

Professor of Metabolic Physiology and completed his 4-year term as Head of the School of Life Sciences at the University of Nottingham in July 2017. His research interests are concerned with the nutritional and metabolic aspects of obesity, diabetes and cardiovascular disease, with additional interests in nutrition and metabolism in exercise. His research involves studies in healthy subjects and various patient groups, and combines whole body physiological measurements, molecular investigation of tissue samples, and dietary interventions. Editor of the International Journal of Obesity, Honorary Treasurer of the World Obesity Federation (formerly International Association for the Study of Obesity) and Honorary Treasurer of the Federation of European Nutrition Societies. He was President of the UK Nutrition Society from 2007 to 2010 and in 2013 was awarded a Fellowship

of the Association for Nutrition and elected as a Fellow of the International Union of Nutritional Sciences. He is also a Fellow of the Royal Society of Biology and of the Physiological Society. In November 2017 he was awarded the British Nutrition Foundation Prize.

### **Professor Harry McArdle**

Deputy Director of Science and the Director of Academic Affairs at the Rowett Institute of Nutrition and Health, University of Aberdeen until January 2015. He retired in March 2016 and is currently a Professor Emeritus of Biomedical Sciences at the same Institute, and an Honorary Professor in Biological Sciences at University of Nottingham. His main research interests involved micronutrients and the critical role they play in growth and development and he is currently a co-applicant, with Professor Nicola Lowe of the University of Central Lancashire, testing whether biofortified wheat can improve zinc status in impoverished Pakistani women. He represents SACN on the Advisory Committee on Novel Foods and Processes (ACNFP), is a member of the Minerals Working Group, Novel Foods Working Group and Health Claims Working Group for the European Food Safety Authority (EFSA) and is a member of the Panel on Nutrition, Novel Food and Food Allergens (NDA) for EFSA.

### **Dr David Mela**

Senior Scientist at Unilever R&D Vlaardingen, The Netherlands. He joined Unilever in 1998, following an academic research career in the US and UK. His main expertise is in the biological and behavioural aspects of food choice, eating behaviour and energy balance, from consumer research through energy metabolism. At Unilever, he has mainly been involved with research programmes to assess the potential health and wellness impacts of different dietary guidance, foods and ingredients. He also provides input for the management of specific technical and regulatory issues and represents Unilever on various external academic and trade groups.

### **Professor Ken Ong**

Professor Ken Ong co-leads the Growth and Development programme at the MRC Epidemiology Unit, University of Cambridge. His research at the Unit and the Department of Paediatrics identified rapid postnatal growth, weight gain and early reproductive timing as determinants of, and also potential targets for the prevention of, childhood obesity, type 2 diabetes and related disorders. His programme studies 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.

### **Mrs Gemma Paramor**

Mrs Paramor is a finance professional, who has worked in both the accounting and investment management industries, and is a member of the Institute of Chartered Accountants of England and Wales. In her current employment as an Investment Partner, she is focused on the 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 Hilary Powers**

Professor Powers is Professor Emerita in Nutritional Biochemistry, Department of Oncology and Metabolism, at the University of Sheffield. Her research has focused on the role of B vitamins in health and disease, with specific focus on methyl donor nutrients and HPV-linked cancers, and functional biomarkers of micronutrient status. She has published extensively in this field. She represents SACN on the Project Board for the National Diet and Nutrition Survey (NDNS). Her activities in the nutrition community have included membership of the Standing Committee on Nutrition for the Royal College of Paediatrics and Child Health, of the Expert Panel for the American Institute for Cancer Research (AICR)/World Cancer Research Fund (WCRF) Reports into Food, Nutrition, Physical Activity and Cancer, on a Working Group for the International Agency for Research in Cancer (IARC), and on various grant awarding bodies for the BBSRC and WCRF. She is co-editor of the classic textbook, *Human Nutrition*. She was made an Honorary Fellow of the Nutrition Society in 2018.

### **Professor Monique Raats**

Director of the Food, Consumer Behaviour and Health Research Centre; Associate Dean Research and Innovation for the Faculty of Health and Medical Sciences at the University of Surrey. Her

portfolio of research is wide ranging in terms of topics being addressed (e.g. food choice, policy development, food labelling), and methodologies used (e.g. qualitative, quantitative, stakeholder consultation). Since her arrival at the University of Surrey in 2000, she has played a central role in securing research funding for both national and European research projects. Together with the Department of Nutritional Sciences, the centre was awarded the Queen's Anniversary Prize for work including the research methodological advice to the market research agency and expert group tasked with overseeing the evaluation of signpost nutrition labelling schemes, commissioned by the Food Standards Agency. This work was complemented with a leadership role in the FLABEL consortium that carried out further EU-level research. She also co-ordinated the REDICLAIM project, which investigated how EU legislation impacts on the substantiation and use of "reduction of disease risk" claims on food and drinks. She is one of the founding members and was secretary of the International Society of Behavioural Nutrition and Physical Activity.

### **Professor Siân Robinson**

Professor of Nutritional Epidemiology at the MRC Lifecourse Epidemiology Unit, University of Southampton. Her main research interests are in the nutrition of women, infants and young children, and in understanding how variations in nutrition across the life course contribute to inequalities in adult health, with a particular focus on early life influences on growth and development, and effects on ageing. She has been a member of a number of advisory groups including acting as co-opted expert member of the NICE Programme Development Group to produce guidance on maternal and child nutrition in low-income families and external advisor to the Diet and Nutrition Survey of Infants and Young Children.

### **Professor Angus Walls**

Professor of Restorative Dentistry and Director of the Edinburgh Dental Institute, University of Edinburgh. His research interests focus on the oral healthcare problems of an ageing population at a time of marked change in oral health status. The relationships are between diet and oral diseases such as tooth wear, decay and soft tissue pathology, and the number and functional capacity of the residual dentition and foods choice. His work has embraced basic epidemiology and the development of dietary interventions to address specific problems.

### **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 April 2015, she was also a consumer member on the Veterinary Residues Committee.

### **Professor Charlotte Wright**

Professor of Community Child Health, School of Medicine and Nursing at Glasgow University and honorary consultant paediatrician at the Royal Hospital for Sick Children in Glasgow. She trained as a clinical epidemiologist. Her chief research interests are feeding and growth in infancy, under-nutrition and growth screening. In her clinical and teaching roles, she is involved in a range of public health nutrition issues, particularly the promotion of breastfeeding and the management of childhood obesity. She recently headed the Royal College of Paediatrics and Child Health (RCPCH) group who designed the new UK growth charts.

### **Professor Ian Young**

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 (NI) 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 350 published research papers and is on the editorial boards of a number of leading international journals. He frequently speaks at national and international meetings on lipid management and topics related to laboratory medicine.

## **Biographies for those who are not members of SACN**

### **Subgroup on Maternal and Child Nutrition (SMCN)**

#### **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 focus 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 has participated as an expert advisor for the WHO International Agency for Research on Cancer (IARC), NICE, Department of Health, Food Standards Agency and Scottish Government Advisory Committees on topics ranging from infant feeding survey design, obesity and cancer prevention to Food and Drink Policy development. She is currently President of the UK Society for Behavioural Medicine.

#### **Professor Alan Jackson**

Emeritus Professor 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. 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.

#### **Professor Mairead Kiely**

Professor of Human Nutrition at the School of Food and Nutritional Sciences, University College Cork. She is Co-Chair of the Cork Centre for Vitamin D and Nutrition Research and leads the Maternal and Child Nutrition Research platform at the Irish Centre for Fetal and Neonatal Translational Research (INFANT). Her research is in two main areas: the role of micronutrients in human health and maternal and child nutrition.

#### **Professor Lucilla Poston**

Tommy's Professor of Maternal and Fetal Health, King's College London, and Head of the School of Life Course Sciences. Her research focuses on the consequence of exposures in utero for the 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.

### **Saturated Fats Working Group**

#### **Professor Jules Griffin**

Head of the Lipid Profiling and Signalling group in the Department of Biochemistry at the University of Cambridge. He is also an Honorary Professor at Imperial College London, a Fellow of King's College, Cambridge and is affiliated with the Elsie Widdowson Laboratory. The work of his group focuses on the use of high resolution mass spectrometry to measure lipids in biofluids and tissue extracts in order to better understand the causes and consequences of type 2 diabetes and obesity (collectively referred to sometimes as the Metabolic Syndrome). In particular this work focuses on four areas of research: (i) understanding the role that peroxisome proliferator activated receptors (PPARs) play in regulating metabolism across the body, (ii) understanding how lipids influence the function of the cell and hence why changes in lipid intake affect how the body functions, (iii) examining how lipids influence tissue inflammation in the metabolic syndrome, and (iv) developing computer software tools for storing and processing the large quantity of data produced by these experiments.

## **Joint SACN / NHS England / Diabetes UK Working Group**

### **Dr Pamela Dyson**

Research dietitian at the University of Oxford and holds a sessional contract as a diabetes specialist dietitian with Oxford Health NHS Foundation Trust. She holds a voluntary post as CEO of the Oxford Health Alliance, a charity set up to combat the epidemic of non-communicable disease. Main research interests are dietary management of diabetes, weight management and behavioural aspects of lifestyle change. She has a particular interest in establishing the evidence base for dietary interventions, and is currently co-chairing the Diabetes UK Nutrition Working Group which is revising and updating the nutrition guidelines for the prevention and treatment of diabetes.

### **Professor Nita Forouhi**

Programme Leader in Nutritional Epidemiology, MRC Epidemiology Unit, University of Cambridge, and Professor of Population Health and Nutrition, University of Cambridge. Her research focuses on identifying dietary factors for the risk of type 2 diabetes and cardiometabolic disease, systematically addressing the key challenges in nutritional research, combining scale and depth of investigation using large epidemiological cohorts. She has an interest in developing and using improved methods to assess diet, including the measurement of nutritional biomarkers, in understanding ethnic and other between-population differences in health, and in global nutrition and health. She is the Deputy Lead for the Diet, Nutrition & Lifestyle Theme of the NIHR Cambridge Biomedical Research Centre. She is a Principal Investigator of several studies, an Honorary Consultant Public Health Physician with Public Health England, has published over 250 scientific publications and has served on numerous advisory bodies.

### **Dr Rachel Pryke**

Part-time GP and trainer in Redditch, Worcestershire. She was the RCGP Clinical Champion for Nutrition until 2015 and began a NICE Fellowship in April 2015. Established the RCGP Nutrition Group in 2013. She has written extensively. She runs primary care obesity training courses throughout the UK and has collaborated with WHO on a European primary care obesity training package. She is a member of the National Child Measuring Programme Board, PHE Obesity Priority Programme Board and RCGP representative for the Obesity Health Alliance.

### **Professor Roy Taylor**

Professor of Medicine and Metabolism, University of Newcastle and Honorary Consultant Physician in Newcastle. He has run clinical services in diabetes, obstetric medicine and general medicine since appointment to present post in 1985. From 2016, he stopped providing direct clinical care. His current work is focused on understanding the aetiology and pathogenesis of type 2 diabetes. This involves development of novel magnetic resonance methodology and use of in vivo metabolic tests. The research has led directly to clinical application, and use of a robust method to achieve and maintain weight loss in primary care is currently under investigation.

### **Mr Douglas Twenefour**

Deputy Head of Care at Diabetes UK and a registered dietitian. He has extensive clinical experience within the NHS as a Specialist Obesity and Diabetes dietitian. As spokesperson for Diabetes UK, he has featured on various national, regional and international media platforms. He holds a Master of Philosophy degree in Nutrition, a Postgraduate Diploma in Dietetics, and a Bachelor of Science Degree in Nutrition and Food Science. He has worked with a number of universities, academic institutions and health organisations worldwide, and is currently Co-Chair of Diabetes UK Nutrition Guidelines committee.

### **Ms Ruth Waxman**

Chair of Enfield Diabetes Support Group and patient representative on Diabetes Clinical Working Group at Enfield CCG. She represented patients' views at Diabetes Retinopathy Group, Diabetes Stakeholder Group and Diabetes Reference Group prior to changes at CCG. She meets with Diabetes UK London regional manager to provide updates on diabetes care in Enfield. She works with diabetes consultant nurses and diabetes specialist nurses in Enfield and will be working with a local surgery to support their patients with diabetes. She has spoken in Parliament and given presentations to GPs, healthcare professionals, medical students and lay people about living with diabetes. As a member of Diabetes Voices, she meets MPs to inform them about diabetes care. She is a patient representative at NICE to discuss new medications for diabetes.

## **Annex 4**

### **Remuneration and committee finance**

The amount paid to committee members for fees in 2018 was:

- for main meetings, working group, subgroup or drafting group meetings, those who chaired a meeting received a total fee of £240 per meeting inclusive of attendance and reading fees
- members not chairing received £200 per meeting inclusive of attendance and reading fees.

Fees for taking part in teleconference meetings were calculated according to the length of the meeting.

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

Public Health England also met travel and subsistence costs for those attending main meetings and working group/subgroup meetings.

The cost of the committee fees and expenses, excluding secretariat resources, for 2018 was £46,156.91. Costs were met by Public Health England.

## Annex 5 Declarations of interest

### SACN Main Committee

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Professor Peter Aggett	European Food Safety Authority	<p><b>Nature of interest:</b></p> <p>Member of Panel on Additives and Nutrient Sources added to Foods.</p> <p>Member of Working Groups on Reviewing Additives, and piloting risk assessment approaches for infants under 12 weeks of age.</p> <p>Working Group member on EFSA panels on:</p> <ul style="list-style-type: none"> <li>• Dietetic Products, Nutrition and Allergies (NDA) (2014 to present);</li> </ul> <p><b>Financial:</b> Yes (honoraria received, travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b></p> <ul style="list-style-type: none"> <li>• NDA : DRVs for Minerals</li> <li>• ANS : Additives and Nutrient Sources</li> </ul> <p><b>Dates:</b> Please see 'Nature of interest' above.</p>	None	N/A

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Royal College of Physicians	<p><b>Nature of interest:</b> Chair of Nutrition Committee</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Nutrition support, policy and practice, advancing post qualification training in Nutrition for the RCP</p> <p><b>Dates:</b> 2015 to present</p>		
	European and Developing Countries Clinical Trials Partnership (EDCTP)	<p><b>Nature of interest:</b> Panel Member</p> <p><b>Financial:</b> Yes (travel and accommodation expenses. Honoraria reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Research Ethics and Governance: Review of protocols for and conduct of proposed collaborative research between European Centres and Developing Countries into management of infectious diseases.</p> <p><b>Dates:</b> 2017 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<p><b>Initiative of International Life Sciences Institute (North America) and American Heart Association.</b></p>	<p><b>Nature of interest:</b> Advisor  <b>Financial:</b> No. <i>Amount received per annum over £5,000:</i> No  <b>Subject matter:</b> As part of the AHA drive to reduce dietary sodium intakes in the USA, I explained to this strategy group the conduct of, and lessons learnt, from the SACN/COT Risk-Benefit Assessment for replacing Sodium based additives with those based on Potassium. COT has now advised on the RA approach to assessing and modelling of exposures to Na and K.  <b>Dates:</b> July- August 2018</p>		
	<p><b>Collaboration on “Methodological Guidance for trials of breast milk substitutes”.</b></p>	<p><b>Nature of interest:</b> Independent Chair  <b>Financial:</b> No. <i>Amount received per annum over £5,000:</i> No  <b>Subject matter:</b> Teleconference of International Delphi exercise with range of academics and non-government organisations, to agree transparent standards and protocol for the evaluation of new BMSs.  <b>Dates:</b> October 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Ms Gill Fine	Sainsbury's	<p><b>Nature of interest:</b> Shareholder</p> <p><b>Financial:</b> yes (shareholdings). <i>Value of shares over £5,000:</i> No</p> <p><b>Subject matter:</b> N/A</p> <p><b>Dates:</b> 1986 to present</p>	None	N/A
	Agriculture and Horticulture Development Board (AHDB)	<p><b>Nature of interest:</b> Independent sector board member for AHDB Beef and Lamb</p> <p><b>Financial:</b> Yes (expenses reimbursed and honoraria received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> governance issues and providing insights from a public health nutrition perspective</p> <p><b>Dates:</b> Board member: April 2014 to present</p>		
	Musgrave Group	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes (fee received, travel and subsistence reimbursed) <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> strategic issues and providing insights from a public health nutrition perspective</p> <p><b>Dates:</b> May 2015 to October 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>British Nutrition Foundation</b>	<p><b>Nature of interest:</b> Trustee and scientific governor</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> governance issues and providing insights from a public health nutrition perspective</p> <p><b>Dates:</b> May 2011 to present</p>		
<b>Dr Darren Greenwood</b>	<b>Springer</b>	<p><b>Nature of interest:</b> Book editor</p> <p><b>Financial:</b> Yes (royalties related to "Tu YK, Greenwood DC (Eds.) (2008) Modern Methods for Epidemiology. Springer." <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Statistical methods</p> <p><b>Dates:</b> 2012 to present</p>	<b>University of Leeds (World Health Organization Collaborating Centre)</b>	<p><b>Nature of interest:</b> Head of Centre</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Nutritional Epidemiology</p> <p><b>Dates:</b> 2018 to 2022, with the possibility of extension</p>
			<b>EU Framework 7</b>	<p><b>Nature of interest:</b> Research collaboration</p> <p><b>Financial:</b> No (Free data access)</p> <p><b>Subject matter:</b> Diet in pregnancy, maternal weight gain, birth outcomes and child health</p> <p><b>Dates:</b> 2016 to 2019</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>Breast Cancer Now</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Cholesterol and triple negative breast cancer</p> <p><b>Dates:</b> 2016 to 2017</p>
			<b>Department of Health Policy Research Programme</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Maternal iodine status, birth outcomes and child cognition</p> <p><b>Dates:</b> 2016 to 2019</p>
			<b>Yorkshire Cancer Research</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Increasing bowel cancer screening uptake</p> <p><b>Dates:</b> 2016 to 2019</p>
			<b>Arthritis Research UK</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Assessment of multi-tissue pathology in knee osteoarthritis</p> <p><b>Dates:</b> 2015 to 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			Department of Health Policy Research Programme	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Review of new dietary assessment technologies for the National Diet and Nutrition Survey Rolling Programme</p> <p><b>Dates:</b> 2014 to 2015</p>
			Danone plc	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Nutritional status and dietary intake of toddlers aged 12 to 18 months</p> <p><b>Dates:</b> 2012 to 2013</p>
			Medical Research Council	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Development and validation of a UK online 24 hour dietary recall tool for population studies</p> <p><b>Dates:</b> 2012 to 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
<p><b>Professor Paul Haggarty</b></p> <p>(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)</p>	<p><b>Café Direct</b></p>	<p><b>Nature of interest:</b> Shareholder</p> <p><b>Financial:</b> Yes (shareholdings). <i>Value of shares over £5,000:</i> No</p> <p><b>Subject matter:</b> Fairtrade coffee and tea</p> <p><b>Dates:</b> 2014 to 2017</p>	<p><b>Scottish Government</b></p>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Scottish Government (RESAS) funded research programme on food and health</p> <p><b>Dates:</b> 2016 to 2021</p>
	<p><b>Biotechnology and Biological Sciences Research Council</b></p>	<p><b>Nature of interest:</b> Chair</p> <p><b>Financial:</b> Yes (attendance fee received, travel/subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Bioscience for Health Strategy Advisory Panel</p> <p><b>Dates:</b> 2015 to 2017</p>	<p><b>Economic and Social Research Council and Biotechnology and Biological Sciences Research Council</b></p>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research project on early life factors, epigenetics and cognition</p> <p><b>Dates:</b> 2015 to 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>Aberdeen Gates Trust (medical charity)</b>	<b>Nature of interest:</b> Research <b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes <b>Subject matter:</b> Research project on nutrition, epigenetics and breast cancer susceptibility <b>Dates:</b> 2008 to 2018
			<b>NHS Endowments &amp; The Pathological society</b>	<b>Nature of interest:</b> Research <b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes <b>Subject matter:</b> A Pilot Study of the Role of Carnitine Palmitoyltransferase-1 in the Progression of Breast Cancer <b>Dates:</b> 2017 to 2018
			<b>Global Challenges Research Fund (central and institutional)</b>	<b>Nature of interest:</b> Research <b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> No <b>Subject matter:</b> Grant funding to set up collaborative research projects with Senegal, Tanzania, and Bangladesh. <b>Dates:</b> 2018

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>Global Challenges Research Fund (GCRF)</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> GCRF Action against Stunting Hub.</p> <p><b>Dates:</b> 2019 to 2024</p>
			<b>Bergen Research Foundation</b>	<p><b>Nature of interest:</b> Member of grant panel.</p> <p><b>Financial:</b> Yes (honoraria received paid into research funds). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Grant application review</p> <p><b>Dates:</b> August 2017</p>
			<b>Biotechnology and Biological Sciences Research Council</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (travel/subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> BBSRC delegation to Nepal to discuss UK/international research collaboration on Nutrition and Global Health</p> <p><b>Dates:</b> 2017</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Professor Susan Jebb	Academy of Medical Sciences	<p><b>Nature of interest:</b> Fellow</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Medical research</p> <p><b>Dates:</b> 2018-Present</p>	Guys and St. Thomas Foundation	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes.</p> <p><b>Subject matter:</b> Project to design evaluation plans for interventions in Southwark</p> <p><b>Dates:</b> 2018-2019</p>
	British Council	<p><b>Nature of interest:</b> Meeting attendance</p> <p><b>Financial:</b> Travel and subsistence</p> <p><b>Subject matter:</b> Queen's Lecture: Diet, obesity and health</p> <p><b>Dates:</b> November 2018</p>	British Heart Foundation	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (To University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Diet &amp; Obesity Research. Systematic review of weight regain after intentional weight loss and its impact on cardiovascular and other related health outcomes.</p> <p><b>Dates:</b> 2018-Present</p>
	Nutrition Society	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Nutrition research</p> <p><b>Dates:</b> 2017-Present</p>	NIHR	<p><b>Nature of interest:</b> Senior Investigator</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Applied Health Research</p> <p><b>Dates:</b> 2018-Present</p>
	Nestle	<p><b>Nature of interest:</b> Meeting attendance</p> <p><b>Financial:</b> Travel and subsistence</p> <p><b>Subject matter:</b> Attendance at Diet &amp; Health research symposium</p> <p><b>Dates:</b> September 2017</p>	NIHR Biomedical Research Centre	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford)</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Diet &amp; Obesity Research</p> <p><b>Dates:</b> 2017-Present</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Science Media Centre	<p><b>Nature of interest:</b> Member of Advisory Board</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Science communication</p> <p><b>Dates:</b> 2017-Present</p>	PHE Obesity Reduction & Reformulation Group	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Obesity Policy</p> <p><b>Dates:</b> 2017-Present</p>
	British Nutrition Foundation Prize	<p><b>Nature of interest:</b> BNF Prize 2016</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Nutrition research</p> <p><b>Dates:</b> November 2016</p>	Wellcome Trust	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford)</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Planetary Health research. .</p> <p><b>Dates:</b> 2017-Present</p>
	NICE	<p><b>Nature of interest:</b> Chair, PHAC A</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Various public health guidance documents</p> <p><b>Dates:</b> 2013-2018</p>	NIHR Technology Assessment Programme	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Weight management interventions for women postnatally</p> <p><b>Dates:</b> 2017-Present</p>
	Tanita Ltd.	<p><b>Nature of interest:</b> Member of Scientific Advisory Board</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Measurement of body composition</p> <p><b>Dates:</b> 2003-2014</p>	British Heart Foundation	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes.</p> <p><b>Subject matter:</b> DPhil Studentship</p> <p><b>Dates:</b> 2016-2019</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Association for Study of Obesity	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Obesity research</p> <p><b>Dates:</b> 1987-Present</p>	British Heart Foundation	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Development and feasibility testing of a behavioural intervention to reduce salt intake.</p> <p><b>Dates:</b> 2016-Present</p>
			NIHR CLAHRC	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Diet and obesity research</p> <p><b>Dates:</b> 2015-Present</p>
			Cambridge Weight Plan	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Project to test effectiveness of total diet replacement programme</p> <p><b>Dates:</b> 2015-2018</p>
			BBSRC	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Interventions to reduce energy intake through portion control</p> <p><b>Dates:</b> 2014-2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			NPRI	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Weight management intervention for adults who are obese in primary care</p> <p><b>Dates:</b> 2012-2016</p>
			NPRI	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Weight management intervention in primary care</p> <p><b>Dates:</b> 2012-2016</p>
			WeightWatchers	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to MRC). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Analysis of blood samples for research project</p> <p><b>Dates:</b> 2012-2016</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			Department of Health	<p><b>Nature of interest:</b> Chair of Public Health Responsibility Deal Food Network</p> <p><b>Financial:</b> Yes (to MRC and University of Oxford). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Food policy</p> <p><b>Dates:</b> 2011-2015</p>
			Department of Health	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to MRC and University of Oxford). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Behaviour health and research unit</p> <p><b>Dates:</b> 2011-2017</p>
			MRC Population Health Sciences Research Network	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to MRC). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Population health science training</p> <p><b>Dates:</b> 2011-2014</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			National School of Primary Care Research	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to University of Oxford). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Preventing excess weight gain in pregnant women</p> <p><b>Dates:</b> 2011-2013</p>
Professor Timothy Key	Vegetarian Society	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> None</p> <p><b>Dates:</b> 1977 to June 2018</p>	Wellcome Trust	<p><b>Nature of interest:</b> Research project grant</p> <p><b>Financial:</b> Yes (research funding to the University of Oxford). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Epidemiological studies of meat, dairy products and health</p> <p><b>Dates:</b> June 2017 to present</p>
	Vegan Society	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> None</p> <p><b>Dates:</b> 1977 to June 2018</p>		

Member	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
	Organisation	Details	Organisation	Details
Professor Susan Lanham-New	D3TEX Ltd	<p><b>Nature of interest:</b> Research Director</p> <p><b>Financial:</b> Yes (shareholdings). <i>Value of shares over £5,000:</i> No</p> <p><b>Subject matter:</b> Develop an effective and cost-efficient textile-based solution to help combat vitamin D deficiency in veiled women</p> <p><b>Dates:</b> 2007 to present</p>	Ministry of Defence	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Vitamin D research for prevention of stress fractures in the Royal Marines</p> <p><b>Dates:</b> 2014 to present</p>
	The National Dairy Council	<p><b>Nature of interest:</b> Research Director</p> <p><b>Financial:</b> Yes (shareholdings). <i>Value of shares over £5,000:</i> No</p> <p><b>Subject matter:</b> Conference talk on nutrition and bone health</p> <p><b>Dates:</b> 2017</p>	European Union	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Vitamin D research ODIN project</p> <p><b>Dates:</b> 2014 to 2018</p>
			Ministry of Defence	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Vitamin D research for optimising health in British Submariners</p> <p><b>Dates:</b> 2014 to present</p>
			Higher Education Funding Council	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Nutrition and exercise strategies for healthy ageing</p> <p><b>Dates:</b> 2017 to 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
<b>Professor Julie Lovegrove</b>	<b>International Life Sciences Institute (ILSI) Europe</b>	<p><b>Nature of interest:</b> 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’</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Health effects of saturated fats</p> <p><b>Dates:</b> Member : November 2016 to present Chair: May 2017 to present</p>	<b>British Heart Foundation</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> The physiological importance and integration of receptor-mediated inhibitory mechanisms in platelets in health and disease</p> <p><b>Dates:</b> 2015 to 2020</p>
	<b>International Life Sciences Institute (ILSI) Europe</b>	<p><b>Nature of interest:</b> Member of ILSI Europe Expert Group on ‘Efficacy of dietary interventions on metabolic syndrome’;</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Efficacy of dietary interventions on metabolic syndrome</p> <p><b>Dates:</b> November 2014 to present</p>	<b>Biotechnology and Biological Sciences Research Council (BBSRC)</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research into saturated fat and lipid markers of CVD risk</p> <p><b>Dates:</b> June 2017 to May 2020</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	The Dairy Council	<p><b>Nature of interest:</b> Presentations at conferences</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dairy and cardiovascular disease risk</p> <p><b>Dates:</b> March/June 2017</p>	Biotechnology and Biological Sciences Research Council (BBSRC)	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research into the impact of dietary intake on bile acids as biomarkers of health and CVD risk.</p> <p><b>Dates:</b> May 2017 to April 2020</p>
	Association for Nutrition (AfN)	<p><b>Nature of interest:</b> Deputy Chair of Council</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Voluntary Register of Nutritionists</p> <p><b>Dates:</b> 2016-2018</p>	Biotechnology and Biological Sciences Research Council (BBSRC)	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research into circulating fatty acids as biomarkers of health and disease</p> <p><b>Dates:</b> August 2017 to July 2020</p>
	Association for Nutrition (AfN)	<p><b>Nature of interest:</b> Chair of Business, Planning and Governance Committee (AfN)</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Voluntary Register of Nutritionists</p> <p><b>Dates:</b> 2016-2018</p>	AHDB/NEXUS	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research into dietary patterns, nutrient intake and CVD risk factors</p> <p><b>Dates:</b> June 2017 – June 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Association for Nutrition (AfN)</b>	<p><b>Nature of interest:</b> Chair of Accreditation Committee (AfN)</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Voluntary Register of Nutritionists</p> <p><b>Dates:</b> 2011-2018</p>	<b>European Institute of Innovation and Technology Food Knowledge and Innovation Centre (EIT Food KIC) &amp; PepsiCo</b>	<p><b>Nature of interest:</b> Research grant with PepsiCo as a partner</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research into personalised nutrition app development</p> <p><b>Dates:</b> January 2018 – December 2018</p>
	<b>Nutrition Society</b>	<p><b>Nature of interest:</b> Presentation at Winter Conference</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dietary fats and cardiometabolic disease risk</p> <p><b>Dates:</b> December 2018</p>	<b>Biotechnology and Biological Sciences Research Council (BBSRC)</b>	<p><b>Nature of interest:</b> Research grant with PepsiCo, Mars Wrigley, Unilever, Premier Foods, Arla, Pladis, Mondelez as a partner</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research into impact of reduced fat foods on satiety and food intake</p> <p><b>Dates:</b> January 2017 – April 2019</p>
	<b>Italian Nutrition and Dietetic Society</b>	<p><b>Nature of interest:</b> Presentation at conference</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dietary fats and cardiometabolic disease risk</p> <p><b>Dates:</b> October 2018</p>	<b>Barham Benevolent Foundation</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research into impact of animal and plant protein on cardiometabolic risk</p> <p><b>Dates:</b> April 2017 – March 2020</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Nutrition Society</b>	<p><b>Nature of interest:</b> President Elect</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> UK Learned Society of Nutrition</p> <p><b>Dates:</b> January 2019-date</p>		
<b>Professor Ian Macdonald</b>	<b>Nature Publishing Group</b>	<p><b>Nature of interest:</b> Editor International Journal of Obesity</p> <p><b>Financial:</b> Yes (honorarium received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Editing the journal</p> <p><b>Dates:</b> 2005 to present</p>	<b>Unilever</b>	<p><b>Nature of interest:</b> University lead in strategic link with Unilever</p> <p><b>Financial:</b> Yes (University of Nottingham receives PhD student and research project funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research</p> <p><b>Dates:</b> 2014 to present</p>
	<b>Mars Incorporated</b>	<p><b>Nature of interest:</b> Presence on Mars Scientific Advisory Council as a Waltham Centre for Pet Nutrition research advisor</p> <p><b>Financial:</b> Yes (honorarium received, paid to University of Nottingham). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Advice on nutrition research</p> <p><b>Dates:</b> 2014 to present</p>	<b>Mars Incorporated, Technology Strategy Board (Innovate UK) and BBSRC</b>	<p><b>Nature of interest:</b> Research project grant</p> <p><b>Financial:</b> Yes (BBSRC research funding to the University of Nottingham). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Dietary carbohydrates</p> <p><b>Dates:</b> 2014 to 2019</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Mars Incorporated-Waltham Centre for Pet Nutrition</b>	<p><b>Nature of Interest:</b> Peer-review of pet nutrition research projects</p> <p><b>Financial:</b> Yes (honorary received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Pet nutrition research</p> <p><b>Date:</b> 2015 to present</p>	<b>BBSRC</b>	<p><b>Nature of interest:</b> Research project grant on Bedrest: impact of immobility on Insulin sensitivity</p> <p><b>Financial:</b> Yes (BBSRC research funding to the University of Nottingham). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Insulin resistance</p> <p><b>Dates:</b> 2016 to 2019</p>
	<b>Mars UK/Europe</b>	<p><b>Nature of Interest:</b> Member of Nutrition Advisory Board, and Health and Wellbeing Committee</p> <p><b>Financial:</b> Yes (travel and subsistence costs reimbursed. Honorary paid to the University of Nottingham). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Expert advice on human nutrition and on broader aspects of Health and Wellbeing</p> <p><b>Date:</b> October 2015 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Nestle Research Center</b>	<p><b>Nature of interest:</b> Consultancy for Nutrition in the Life Cycle research and Member of the Health Benefits Board to review research proposals</p> <p><b>Financial:</b> Yes (travel and accommodation reimbursed. Honorarium paid to the University of Nottingham). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Advice on research plans to study Nutrition through the lifecycle, review human nutrition research protocols</p> <p><b>Date</b> December 2015 to 2017</p>		
	<b>International Life Sciences Institute (ILSI) Europe</b>	<p><b>Nature of interest:</b> Member of Dietary Carbohydrates Task Force</p> <p><b>Financial:</b> Yes (economy travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Link between dietary carbohydrates and health</p> <p><b>Date:</b> July 2015 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>International Life Sciences Institute (ILSI) Europe</b>	<p><b>Nature of interest:</b> Member of expert group on 'Efficacy Markers of Diabetes Risk'</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Markers of insulin resistance and sensitivity</p> <p><b>Date:</b> Late 2015 to present</p>		
	<b>International Life Sciences Institute (ILSI) Europe</b>	<p><b>Nature of interest:</b> Member of expert group on 'Carbohydrate-Based Recommendations as a Basis for Dietary Guidelines: A Scientific Review'</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed, and a fee paid when the report was complete). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Review of scientific basis of current dietary guidelines on carbohydrates</p> <p><b>Date:</b> Late 2015 to 2017</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Ikea	<p><b>Nature of interest:</b> Member of Science and Health Committee</p> <p><b>Financial:</b> Yes (travel and subsistence costs reimbursed. Honorarium paid to the University of Nottingham. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Expert advice on food, lifestyle and health</p> <p><b>Date:</b> October 2015 to December 2018</p>		
	Royal Society of Biology	<p><b>Nature of Interest:</b> Fellow</p> <p><b>Financial:</b> No</p> <p><b>Dates:</b> from 2014 to present</p>		
	International Union of Nutritional Sciences	<p><b>Nature of Interest:</b> Fellow</p> <p><b>Financial:</b> No</p> <p><b>Dates:</b> from September 2015 to present</p>		
	Association for Nutrition	<p><b>Nature of Interest:</b> Fellow</p> <p><b>Financial:</b> No</p> <p><b>Dates:</b> from 2015 to present</p>		
	British Nutrition Foundation	<p><b>Nature of Interest:</b> BNF Prize 2017</p> <p><b>Financial:</b> Yes (honorarium received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Dates:</b> November 2017</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>British Nutrition Foundation</b>	<p><b>Nature of Interest:</b> BNF Prize Lecture</p> <p><b>Financial:</b> Yes (Travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Dates:</b> November 2018</p>		
	<b>American Association of Cereal Chemistry International</b>	<p><b>Nature of Interest:</b> Speaker in Debate about Glycaemic Index</p> <p><b>Financial:</b> Yes (Travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Dates:</b> October 2018</p>		
	<b>Nutrition Society Winter meeting</b>	<p><b>Nature of Interest:</b> Symposium speaker – title of talk ‘Free sugars’</p> <p><b>Financial:</b> Yes (Travel reimbursed and accommodation provided). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Dates:</b> December 2018</p>		
	<b>Zaluvida</b>	<p><b>Nature of interest:</b> Member of Scientific Advisory Board</p> <p><b>Financial:</b> Yes (honorarium received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> pharmaceutical/nutraceutical approaches to obesity management</p> <p><b>Dates:</b> September 2017 to December 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Nestle Research Centre</b>	<p><b>Nature of interest:</b> Member of Scientific Advisory Board</p> <p><b>Financial:</b> Yes (travel and subsistence costs reimbursed and honorarium paid). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Expert advice on food and nutrition research</p> <p><b>Date:</b> March 2018</p> <p>(NB this Board was dissolved after 1 meeting and will be replaced by the Nestle R&amp;D Scientific Advisory Board. Its first meeting will be later in 2018. All other details remain the same)</p>		
	<b>Nestle R&amp;D</b>	<p><b>Nature of interest:</b> Member of Nestle R&amp;D Scientific Advisory Board</p> <p><b>Financial:</b> Yes (travel and subsistence costs reimbursed and honorarium paid). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Expert advice on food and nutrition research</p> <p><b>Date:</b> November 2018 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Wilmington Health Care	<p><b>Nature of Interest:</b> Chairing Regional Transformation and Sustainability Network meetings about Prevention of Diabetes and Management of Diabetes Mellitus in the English NHS Regions.</p> <p><b>Financial:</b> Yes (travel costs and an honorarium received) <i>Amount received per annum over £5000:</i> No (although it might just exceed £5000 in the 2018/19 financial year)</p> <p><b>Subject matter:</b> Chairing the meetings, giving an initial overview of recent advances in diabetes prevention, obesity, or diabetes management, summarising at the end of the meeting</p> <p><b>Date:</b> 2017 to present</p>		
	Novozymes SAB	<p><b>Nature of interest:</b> Member of Scientific Advisory Board</p> <p><b>Financial:</b> Yes (travel and subsistence costs reimbursed. Honorarium paid to the University of Nottingham. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Expert advice on food, nutrition and health</p> <p><b>Date:</b> October 2018 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Professor Harry McArdle	European Food Safety Authority	<p><b>Nature of interest:</b> Panel member</p> <p><b>Financial:</b> Yes (honoraria received, travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Member of Dietetic Products, Nutrition and Allergies Panel (NDA), and working groups on Health Claims, Novel Foods, and DRVs</p> <p><b>Dates:</b> June 2015 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Dr David Mela	Unilever	<p><b>Nature of interest:</b> Employee and shareholder</p> <p><b>Financial:</b> Yes Salary package and (shareholdings). <i>Value of shares over £5,000:</i> Yes</p> <p><b>Subject matter:</b> N/A</p> <p><b>Dates:</b> 2005 to present</p>	International Life Sciences Institute (ILSI) Europe	<p><b>Nature of interest:</b> Unilever representative on Eating Behaviour &amp; Energy Balance Task Force (and Task Force Chair, 2013 to 2017), and Dietary Carbohydrates Task Force (Task Force Vice-Chair, 2014-2018)</p> <p>Member of ILSI Europe Expert Groups:</p> <ul style="list-style-type: none"> <li>• “Carbohydrate-Based Recommendations as a Basis for Dietary Guidelines: A Scientific Review” (Dates: 2015 to 2018)</li> <li>• “Characterisation of and Criteria for Glycaemic Exposure Markers in the Non-diabetic Population” (Dates: 2014 to 2018)</li> <li>• “Physiological and Behavioural Adaptation to Dietary Enhancement of Satiety: Evidence and Timeframes” (Dates: 2015 to 2018)</li> <li>• “Physical-Chemical Properties of Dietary Fibre Relevant to Appetite-Related Mechanisms and Outcomes” (Dates: 2014 to 2018)</li> </ul> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> see above</p> <p><b>Dates:</b> see above</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>Unilever / University of Amsterdam</b>	<p><b>Nature of interest:</b> Member of project planning group for research collaboration between Unilever and the University of Amsterdam.</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> “Quantifying the impact of dietary approaches for the prevention of diabetes”</p> <p><b>Dates:</b> 2015 to present</p>
			<b>Graduate School VLAG (Wageningen University and associated institutes)</b>	<p><b>Nature of interest:</b> Member of International Advisory Board</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Research and postgraduate education</p> <p><b>Dates:</b> 2016 to present</p>
			<b>Research Excellence Framework 2021</b>	<p><b>Nature of interest:</b> Member of criteria and assessment phase of Main Panel A, ‘Medicine, health and life sciences’</p> <p><b>Financial:</b> Yes (honorarium / travel costs reimbursed). Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b> Assessment of research quality in UK higher education institutions</p> <p><b>Dates:</b> 2018 to present</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>EU Horizon 2020 project SWEET</b>	<p><b>Nature of interest:</b> Member of Scientific Industry Advisory Board</p> <p><b>Financial:</b> Yes (travel arranged/reimbursed) <i>Amount received per annum over £5,000: No</i></p> <p><b>Subject matter:</b> Sweeteners and sweetness enhancers: Impact on health, obesity, safety and sustainability</p> <p><b>Dates:</b> 2018 to present</p>
<b>Professor Ken Ong</b>	<b>International Life Sciences Institute, Europe</b>	<p><b>Nature of interest:</b> Chair, Expert advisory group</p> <p><b>Financial:</b> Yes (honoraria received, travel reimbursed). <i>Amount received per annum over £5,000: No</i></p> <p><b>Subject matter:</b> Early growth velocity and risk of metabolic disorders later in life</p> <p><b>Dates:</b> 2013 to 2017 (completed)</p>	<b>Mead Johnson Nutrition</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding to the University of Cambridge). <i>Amount received per annum over £5,000: Yes</i></p> <p><b>Subject matter:</b> Discovery of biomarkers for infant nutrition</p> <p><b>Dates:</b> 2009 to present</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Haymarket	<p><b>Nature of interest:</b> Book editor</p> <p><b>Financial:</b> Yes (honoraria received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> European Society for Paediatric Endocrinology <i>Yearbook of Paediatric Endocrinology</i></p> <p><b>Dates:</b> 2015 to present</p>	<p><b>Biotechnology and Biological Sciences Research Council (BBSRC) with Danone Nutricia Research and Mead Johnson Nutrition as collaborating partners</b></p>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding to the University of Cambridge). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Biomarkers for infant nutrition</p> <p><b>Dates:</b> 2017 to present</p>
	Pfizer Ltd	<p><b>Nature of interest:</b> Member, KIGS steering committee</p> <p><b>Financial:</b> Yes (honoraria received – paid to University of Cambridge, travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Use of the KIGS database to monitor growth hormone treatment</p> <p><b>Dates:</b> 2013 to present</p>		
	Nesctec Ltd	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes (honoraria received, travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Composition of human milk.</p> <p><b>Dates:</b> 2017 (completed)</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Mrs Gemma Paramor	Veritas Investment Management LLP	<p><b>Nature of interest:</b> Employer</p> <p><b>Financial:</b> Yes (salary). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Equity research, may include companies with food-related business models</p> <p><b>Dates:</b> May 2016 to present</p>		
	Sainsbury Plc	<p><b>Nature of interest:</b> Spouse's employer</p> <p><b>Financial:</b> Yes (salary). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Senior head office finance role at supermarket chain</p> <p><b>Dates:</b> July 2016 to present</p>		
	Whitbread Plc	<p><b>Nature of interest:</b> Spouse shareholding</p> <p><b>Financial:</b> Yes. <i>Value over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Hospitality</p> <p><b>Dates:</b> Jan 2016 to August 2018</p>		
	Unilever	<p><b>Nature of interest:</b> Spouse shareholding</p> <p><b>Financial:</b> Yes. <i>Value over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Consumer goods</p> <p><b>Dates:</b> Jan 2016 to August 2018</p>		
	GlaxoSmithKline Plc	<p><b>Nature of interest:</b> Spouse shareholding</p> <p><b>Financial:</b> Yes. <i>Value over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Pharmaceuticals &amp; healthcare</p> <p><b>Dates:</b> Jan 2016 to August 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Just Eat Plc	<p><b>Nature of interest:</b> Spouse shareholding</p> <p><b>Financial:</b> Yes. <i>Value over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Market place for online food delivery</p> <p><b>Dates:</b> March 2018 to present</p>		
Professor Hilary Powers	World Cancer Research Fund	<p><b>Nature of interest:</b> Deputy chair WCRF Continuous Update Panel</p> <p><b>Financial:</b> Yes (honoraria received, travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> diet and cancer</p> <p><b>Dates:</b> 2012 to present</p>		
	Tropical Health Education Trust	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes (fee received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Human nutrition capacity building in Zambia</p> <p><b>Dates:</b> January to October 2017</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
<p><b>Professor Ann Prentice</b> (As Director of MRC Elsie Widdowson Laboratory (EWL) to Dec 2018, Prof Prentice had administrative responsibility for institutional interests that are not covered by personal or non-personal interests)</p>	<p><b>Shenyang Medical College, PR of China</b></p>	<p><b>Nature of Interest:</b> Appointment of Honorary Professor  <b>Financial:</b> None  <b>Subject Matter:</b> N/A  <b>Dates:</b> 1995 to present</p>	<p><b>British Medical Association</b></p>	<p><b>Nature of interest:</b> Research  <b>Financial:</b> Yes (research funding to EWL).  <i>Amount received per annum over £5,000:</i> Yes  <b>Subject matter:</b> Dietary determinants/cardiovascular project  <b>Dates:</b> 2013 to 2017</p>
	<p><b>University of Witwatersrand, South Africa</b></p>	<p><b>Nature of interest:</b> Appointment of Honorary Professor  <b>Financial:</b> No  <b>Subject matter:</b> N/A  <b>Dates:</b> 2013 to present</p>	<p><b>Bill &amp; Melinda Gates Foundation</b></p>	<p><b>Nature of interest:</b> Research  <b>Financial:</b> Yes (research funding to EWL).  <i>Amount received per annum over £5,000:</i> Yes  <b>Subject matter:</b> Improving fetal growth rates in developing countries  <b>Dates:</b> 2014 - 2017</p>
	<p><b>University of Surrey</b></p>	<p><b>Nature of interest:</b> Appointment of Honorary Doctor  <b>Financial:</b> No  <b>Subject matter:</b> N/A  <b>Dates:</b> 2014 to present</p>	<p><b>Bill &amp; Melinda Gates</b></p>	<p><b>Nature of interest:</b> Research  <b>Financial:</b> Yes (research funding to EWL).  <i>Amount received per annum over £5,000:</i> Yes  <b>Nature of interest:</b> Developing brain function-for-age curves in Gambian and UK infants  <b>Dates:</b> 2015 to 2017</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Rank Prize Funds	<p><b>Nature of interest:</b> Committee member</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Grant awards</p> <p><b>Dates:</b> 2015 to present</p>	Public Health England	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding to EWL). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> National Diet and Nutrition Survey Y5-Y10</p> <p><b>Dates:</b> 2012 to 2018</p>
	Nestle Foundation	<p><b>Nature of interest:</b> Council Member</p> <p><b>Financial:</b> Yes (honoraria received, travel expenses reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Grant awards</p> <p><b>Dates:</b> 2015 to present</p>	Agilent	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes, grant to purchase equipment at EWL, travel reimbursement. <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Mass spectrometry equipment</p> <p><b>Dates:</b> 2015 to 2018</p>
	University of Southampton	<p><b>Nature of interest:</b> Honorary appointment of Visiting Professor</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> N/A</p> <p><b>Dates:</b> 2015 to present</p>	Soremartec	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (grant to purchase equipment, at EWL travel reimbursement). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Bioavailability of polyphenols and effects on vascular function</p> <p><b>Dates:</b> 2015 to 2017</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>National Academies of Science, Engineering and Medicine, Food and Nutrition Board</b>	<p><b>Nature of interest:</b> Member of Planning Committee for Harmonization of Methodological Approaches to Nutrient Intake Recommendations</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Planning Committee for Workshop on Harmonization of Methodological Approaches to Nutrient Intake Recommendations</p> <p><b>Dates:</b> March 2017 to present</p>	<b>Institut d'Investigacio Sanitaria Pere Virgili</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding to EWL). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> OBEMAT2 Clinical and metabolic efficacy of motivational approach, coordinated between primary care and the clinical health services for childhood obesity: Randomized Clinical Trial (stable isotope measures)</p> <p><b>Dates:</b> 2017 to 2018</p>
	<b>University of Cambridge</b>	<p><b>Nature of interest:</b> Appointment of Honorary Professor</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> N/A</p> <p><b>Dates:</b> 2017 to present</p>	<b>Ministry of Defence</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding to EWL). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Stable isotope measures</p> <p><b>Dates:</b> 2017 to 2018</p>
	<b>Public Health England</b>	<p><b>Nature of interest:</b> Member of Advisory Committee to the consortium contracted to PHE</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> National Diet and Nutrition Survey Y11-14</p> <p><b>Dates:</b> 2018-present</p>	<b>Umea University Sweden</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding to EWL). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> OTIS – complementary feeding study in infants (Stable isotope measures)</p> <p><b>Dates:</b> 2016 to 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>MRC The Gambia Unit at the London School of Hygiene and Tropical Medicine</b>	<p><b>Nature of interest:</b> Honorary Senior Research Fellow</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Research in The Gambia</p> <p><b>Dates:</b> 2018-present</p>		
<b>Professor Monique Raats</b>	<b>Woodhead Publishing Ltd, now Elsevier</b>	<p><b>Nature of interest:</b> Book editor</p> <p><b>Financial:</b> Yes (royalties related to "Raats MM, de Groot CPGM, van Staveren WA (Eds.) (2008) Food for the ageing population. Woodhead Publishing Limited" and Raats M, De Groot L, van Asselt D Food for the Aging Population, 2nd Edition Woodhead Publishing Limited). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Food for the ageing population</p> <p><b>Dates:</b> 2009 to present</p>	<b>European Commission (H2020)</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding) <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Fostering "Responsible Research and Innovation" (RRI) uptake in current research and innovations system</p> <p><b>Dates:</b> 2016 to 2018</p>
	<b>Choices International</b>	<p><b>Nature of interest:</b> Member of the European Scientific Committee for the Choices programme</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Front of pack food labelling</p> <p><b>Dates:</b> 2010 to present</p>	<b>Food Standards Agency</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Systematic review of the relative proportion of foodborne disease caused by faults in food preparation or handling within the home</p> <p><b>Dates:</b> 2016 to 2017</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Baker Street Area Neighbourhood Association</b>	<p><b>Nature of interest:</b> Member of the management committee</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Community development in Reading, UK</p> <p><b>Dates:</b> 2014 to present</p>	<b>Optimum Health Clinic Foundation</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> The role of integrative medicine for chronic fatigue syndrome and myalgic encephalomyelitis</p> <p><b>Dates:</b> 2015 to 2018</p>
	<b>European Technology Platform on Food for Life</b>	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Research funding prioritisation in the area of consumer behaviour</p> <p><b>Dates:</b> 2015 to 2018</p>	<b>European Commission (H2020)</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research infrastructure on consumer health and food intake for e-science with linked data sharing</p> <p><b>Dates:</b> 2015 to 2018</p>
			<b>Safefood</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Investigation into the balance of healthy versus less-healthy food promotions among Republic of Ireland food retailers</p> <p><b>Dates:</b> 2016 to 2017</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Professor Angus Walls	GlaxoSmithKline	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes (honoraria received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Oral healthcare for older people</p> <p><b>Dates:</b> 2014 to present</p>	GlaxoSmithKline	<p><b>Nature of interest:</b> BBSRC CASE studentship sponsored by GlaxoSmithKline</p> <p><b>Financial:</b> Yes (student funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Barriers to achieving a high standard of personal oral health care</p> <p><b>Dates:</b> 2016 to 2019</p>
	Oral and Dental Research Trust	<p><b>Nature of interest:</b> Director and Chair</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Charity that funds oral and dental research</p> <p><b>Dates:</b> 2013 to present</p>		
	Research Excellence Framework 2021	<p><b>Nature of interest:</b> Member of criteria and assessment phase of sub-panel 3 for 'Allied Health Professions, Dentistry, Nursing and Pharmacy'</p> <p><b>Financial:</b> Yes (honoraria received / travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> assessment of research quality in UK higher education institutions</p> <p><b>Dates:</b> March 2018 to December 2021</p>		

Member	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
	Organisation	Details	Organisation	Details
Professor Sian Robinson	First Steps Nutrition Trust	<p><b>Nature of interest:</b> Trustee</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Maternal and child nutrition</p> <p><b>Dates:</b> 2015 to August 2018</p>	None	N/A
	Biotechnology and Biological Sciences Research Council	<p><b>Nature of interest:</b> Panel member</p> <p><b>Financial:</b> Yes (honoraria received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Grant awards</p> <p><b>Dates:</b> 2016 to present</p>		
Dr Stella Walsh	National Federation of Consumers	<p><b>Nature of interest:</b> Consumer member</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Member of food network, responses made to government consultations on food issue</p> <p><b>Dates:</b> 1980 to present</p>	None	N/A
	The Ancient Barwick-in-Elmet Trust	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> charity which provides fund for disadvantaged people in the Trust area</p> <p><b>Dates:</b> 2017 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Professor Charlotte Wright	United Nations Children's Fund (UNICEF)	<p><b>Nature of interest:</b> Chair of UNICEF UK group to establish learning objectives on breastfeeding and infant feeding</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> To establish learning objectives on breastfeeding and infant feeding in the first year of life for medical students and junior doctors.</p> <p><b>Dates:</b> 2017 to present</p>	Glasgow Children's Hospital Charity / Scottish Government	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5000:</i> Yes</p> <p><b>Subject matter:</b> Investigation Of The Incidence, Demographics And Nutritional Profile Of Childhood Vitamin D Deficiency In Greater Glasgow And Clyde</p> <p><b>Dates:</b> May 2018-April 2021</p>
	First steps nutrition	<p><b>Nature of interest:</b> Talk at Annual conference, London</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> "Current issues in infant feeding – what is the evidence?"</p> <p><b>Dates:</b> 26th April 2017</p>	National Institute for Health Research	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5000:</i> Yes</p> <p><b>Subject matter:</b> Evaluation of the Healthy Start Voucher Scheme in UK: a natural experiment using the Growing Up in Scotland record linkage study and the Infant Feeding Survey.</p> <p><b>Dates:</b> 2015 to 2017</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Nordic feeding disorders group</b>	<p><b>Nature of interest:</b> Talk at 5th Nordic conference on feeding disorders, Reykjavik, Iceland</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Talk on complementary feeding</p> <p><b>Dates:</b> 16 to 18 August 2017</p>	<b>Global Challenges Research Fund (GCRF)</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (post-doctoral position funding). <i>Amount received per annum over £5000:</i> Yes</p> <p><b>Subject matter:</b> Research on undernutrition in Kenya</p> <p><b>Dates:</b> 2018 to 2019</p>
	<b>UNICEF UK</b>	<p><b>Nature of interest:</b> Talk at Annual Baby friendly Conference, Telford</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Diet and nutrition in the first year: What makes the real difference for current and future health?</p> <p><b>Dates:</b> 22 November 2017</p>		
	<b>Centre for Disease Control, Washington,</b>	<p><b>Nature of interest:</b> Participation in invited workshop</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Extreme BMI Z scores</p> <p><b>Dates:</b> 21 and 22 February 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Scottish Funding Council</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Developing a valid and feasible assessment tool for use in an adaptive intervention for moderate acute malnutrition</p> <p><b>Dates:</b> Oct 2018 – March 2019</p>		
	<b>York hill Children’s Charity</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> The role of weight gain in the identification of under and over nutrition: compiling a longitudinal growth dataset</p> <p><b>Dates:</b> January 2014 – July 2018</p>		
	<b>Norwegian Paediatric Association</b>	<p><b>Nature of interest:</b> Talk at Annual Meeting</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Complementary feeding and tube weaning</p> <p><b>Dates:</b> June 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Hong Kong Government Health and Medical Research Fund</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Commissioned Study on Review of Growth Charts for Hong Kong Children</p> <p><b>Dates:</b> Feb 2019 – Jan 2023</p>		
<b>Professor Ian Young</b>	<b>American Association for Clinical Chemistry</b>	<p><b>Nature of interest:</b> Guest editor for special issue of Clinical Chemistry</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Editing of a special issue on obesity, including its relationship with dietary fats intake</p> <p><b>Dates:</b> March 2017 to January 2018</p>	None	N/A
	<b>Amgen</b>	<p><b>Nature of interest:</b> Educational talk to primary care</p> <p><b>Financial:</b> Yes (honoraria received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Clinical management of lipid disorders</p> <p><b>Dates:</b> 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Akcea Therapeutics	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes (honoraria received). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Familial Chylomicronaemia Syndrome</p> <p><b>Dates:</b> 2018</p>		

## SACN Subgroup on Maternal and Child Nutrition (SMCN)

Member	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
	Organisation	Details	Organisation	Details
Professor Annie Anderson	Bowel Cancer UK	<p><b>Nature of interest:</b> Member, advisory board</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Bowel cancer</p> <p><b>Dates:</b> 2006 to present</p>	EU Framework 6	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Social innovation to improve physical activity and sedentary behaviour through elite European Football Clubs</p> <p><b>Dates:</b> 2013 to 2018</p>
	Scottish Cancer Foundation	<p><b>Nature of interest:</b> Member, Board of Directors</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Cancer</p> <p><b>Dates:</b> 2006 to present</p>	Scottish Government	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Stratifying risk of colorectal disease in order to direct the use of colonoscopy in symptomatic patients</p> <p><b>Dates:</b> 2015 to 2017</p>
	Scottish Cancer Prevention Network	<p><b>Nature of interest:</b> Co-director</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Cancer prevention</p> <p><b>Dates:</b> 2009 to present</p>	National Institute for Health Research (NIHR)	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received).</p> <p><i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> A woman-centred, tailored SMS-delivered multi-component intervention for weight loss and maintenance of weight loss in the postpartum period: intervention adaptation and pilot</p> <p><b>Dates:</b> 2016-2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Breast Cancer Now (Scotland)</b>	<p><b>Nature of interest:</b> Breast cancer NOW policy advisor</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Breast cancer</p> <p><b>Dates:</b> 2012 to present</p>	<b>NHS Health Scotland Public Health Sciences</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Healthy Retail Standard Evaluation</p> <p><b>Dates:</b> 2016-2018</p>
	<b>First Steps Nutrition Trust</b>	<p><b>Nature of interest:</b> Patron</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Maternal and child nutrition</p> <p><b>Dates:</b> 2015 to present</p>	<b>NHS Tayside</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> A pragmatic evaluation of the delivery and acceptability of the NHS Tayside weight management service during and after pregnancy.</p> <p><b>Dates:</b> 2016-2017</p>
	<b>Scottish Government</b>	<p><b>Nature of interest:</b> Advisor</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Review of infant feeding survey</p> <p><b>Dates:</b> 2015 to present</p>	<b>Medical Research Council (MRC)</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Exploring the Teachable Moment for Alcohol Reduction in Breast Clinics: Formative Work to Inform Intervention Design, Development, Process Evaluation</p> <p><b>Dates:</b> 2016 - 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Population Health Services research Committee</b>	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Research awards</p> <p><b>Dates:</b> 2015 to 2017</p>	<b>Scottish Government</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> A randomised controlled trial to assess the impact of a lifestyle intervention (ActWell) in women attending NHS breast screening clinics</p> <p><b>Dates:</b> 2017-2019</p>
	<b>Health Services and Population Health Committee, Scottish Government</b>	<p><b>Nature of interest:</b> Member</p> <p><b>Financial:</b> Yes (travel reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Population health</p> <p><b>Dates:</b> 2015 to present</p>	<b>Evelyn Ferris Mudie Trust</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Cancer Prevention - Engaging Older Men</p> <p><b>Dates:</b> 2018-2019</p>
	<b>Nutrition &amp; Dietetics (Dieticians Association of Australia)</b>	<p><b>Nature of interest:</b> Editorial Board member</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Editorial</p> <p><b>Dates:</b> 2014 to present</p>	<b>Scottish Government</b>	<p><b>Nature of interest:</b> Research grant</p> <p><b>Financial:</b> Yes (research funding received). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Feasibility testing of the BeWEL intervention in a non- research environment</p> <p><b>Dates:</b> 2018-2019</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Health Promotion Journal of Australia	<b>Nature of interest:</b> Editorial Board member <b>Financial:</b> No <b>Subject matter:</b> Editorial <b>Dates:</b> 2013 to present		
	International Journal of Behaviour, Nutrition and Physical Activity	<b>Nature of interest:</b> Editorial Board member <b>Financial:</b> No <b>Subject matter:</b> Editorial <b>Dates:</b> 2007 to present		
	Journal of Human Nutrition and Dietetics	<b>Nature of interest:</b> Editorial Board member <b>Financial:</b> No <b>Subject matter:</b> Editorial <b>Dates:</b> 1992 to present		
	World Cancer Research Fund	<b>Nature of interest:</b> Chair International Grant Panel; Chair scientific awards committee <b>Financial:</b> Yes (travel expenses) <i>Amount received per annum over £5,000:</i> No <b>Subject matter:</b> Diet, physical activity, alcohol, obesity and cancer <b>Dates:</b> 2017-2018; 2018		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>WHO International Agency for Research on cancer IARC (Lyon)</b>	<p><b>Nature of interest:</b> Member of Working Group; Member (Chair of subgroup); Member Advisory Group; Contributor (book chapter)</p> <p><b>Financial:</b> Yes (travel expenses) Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b> Cancer Prevention Handbook Body Fatness; Diet, obesity alcohol, physical activity</p> <p>European Code Against Cancer review panel; Evaluation of the impact of the European Code Against Cancer; World Cancer Report – changing diet and physical activity</p> <p><b>Dates:</b> 2013-2014, 2015-2016, 2018</p>		
	<b>Medical Research Charities Group (MRCG)/ Health Research Board (HRB)</b>	<p><b>Nature of interest:</b> Group Member; Chair of Grants Committee</p> <p><b>Financial:</b> Yes (travel expenses) Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b> Medical Research Charities Group</p> <p><b>Dates:</b> 2016; 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>UK Society for Behavioural Medicine</b>	<p><b>Nature of interest:</b> President Elect (Vice President)</p> <p><b>Financial:</b> Yes (travel expenses) Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b></p> <p><b>Dates:</b> 2017-present</p>		
	<b>UK Nutrition Research Partnership for health and disease</b>	<p><b>Nature of interest:</b> Review Panel</p> <p><b>Financial:</b> Yes (travel expenses) Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b> Collaborative Awards Expert Review Panel (MRC)</p> <p><b>Dates:</b> 2018-2019</p>		
	<b>International Journal of Behavioral Nutrition and Physical Activity</b>	<p><b>Nature of interest:</b> Publication</p> <p><b>Financial:</b> No (travel expenses) Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b> Long-term weight loss trajectories following participation in a randomised controlled trial of a weight management programme for men delivered through professional football clubs: a longitudinal cohort study and economic evaluation</p> <p><b>Dates:</b> 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>BMJ Open</b>	<p><b>Nature of interest:</b> Publication</p> <p><b>Financial:</b> No (travel expenses) Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b> Randomised controlled trial to assess the impact of a lifestyle intervention (ActWELL) in women invited to NHS breast screening</p> <p><b>Dates:</b> 2018</p>		
<b>Professor Alan Jackson</b>	<b>Association for Nutrition</b>	<p><b>Nature of interest:</b> President/Chair/Trustee</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Professional regulator</p> <p><b>Dates:</b> 2015 to present</p>	<b>Gilead Sciences Ltd</b>	<p><b>Nature of interest:</b> Son in employment</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> N/A</p> <p><b>Dates:</b> On-going</p>
	<b>World Health Organization</b>	<p><b>Nature of interest:</b> Nutrition Topic Advisory Group: Chair of guideline development group</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Obesity in childhood and adolescence</p> <p><b>Dates:</b> 2015 to present</p>	<b>Department for International Development</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research grant). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Research grant through PATH for development of educational tools</p> <p><b>Dates:</b> 2014 to 2017</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Hugh Sinclair Trust, Reading University	<b>Nature of interest:</b> Member of Trust Advisory Board <b>Financial:</b> No <b>Subject matter:</b> N/A <b>Dates:</b> 2015 to present		
	International Malnutrition Task Force	<b>Nature of interest:</b> Chair <b>Financial:</b> No <b>Subject matter:</b> Malnutrition <b>Dates:</b> 2015 to present		
	BerGenBio ASA	<b>Nature of interest:</b> Son, Dr Akil Jackson <b>Financial:</b> No <b>Subject matter:</b> Medical Director <b>Dates:</b> 2018 to present		
	World Cancer Research Fund International	<b>Nature of interest:</b> Chair <b>Financial:</b> Yes (Honorary). <i>Amount received per annum over £5,000:</i> No <b>Subject matter:</b> Chair of Continuous Update Committee <b>Dates:</b> 2008 to present		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	International Union of Nutritional Sciences	<p><b>Nature of interest:</b> Convenor of International Malnutrition Task Force</p> <p><b>Financial:</b> No (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Malnutrition</p> <p><b>Dates:</b> 2006 to present</p>		
	International Union of Nutritional Sciences	<p><b>Nature of interest:</b> Chair of International Task Force on Cancer and Nutrition</p> <p><b>Financial:</b> No (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Cancer and Nutrition</p> <p><b>Dates:</b> 2018 to present</p>		
	University of the West Indies	<p><b>Nature of interest:</b> Scientific Advisor to Caribbean Institute for Health Research</p> <p><b>Financial:</b> No (travel and subsistence reimbursed). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Scientific Advisor to Caribbean Institute for Health Research</p> <p><b>Dates:</b> 2013 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Professor Mairead Kiely	Food Safety Authority of Ireland	<p><b>Nature of interest:</b> 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.</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No</p> <p><b>Subject Matter:</b> Public Health Nutrition policy</p> <p><b>Dates:</b> 2008 to present.</p>	European Commission	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (PhD student funding and research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> ODIN: develop effective, safe &amp; sustainable food-based solutions to eradicate vitamin D deficiency &amp; improve health across the life cycle</p> <p><b>Dates:</b> 2013 to 2017</p>
	European Journal of Nutrition	<p><b>Nature of interest:</b> Editorial board member; micronutrients editor.</p> <p><b>Financial:</b> No</p> <p><b>Subject Matter:</b> Nutrition Science</p> <p><b>Dates:</b> 2016-present</p>	Irish Government Department of Agriculture and Food	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (PhD student funding and research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Research on effects of polyphenols on cardiovascular disease</p> <p><b>Dates:</b> 2013 to 2017</p>
	Journal of Human Nutrition and Dietetics	<p><b>Nature of interest:</b> Editorial Board member</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Editorial</p> <p><b>Dates:</b> 2012 to present</p>	Science Foundation Ireland	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (PhD student funding and research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> PINPOINT Project: Personalised nutrition for the preterm infant</p> <p><b>Dates:</b> 2015 to 2019</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Nestle Research Centre</b>	<p><b>Nature of interest:</b> Workshop presenter</p> <p><b>Financial:</b> Yes (travel and subsistence reimbursed). Amount received per annum over £5,000: No</p> <p><b>Subject matter:</b> Child Nutrition</p> <p><b>Dates:</b> September 2018</p>	<b>Danone Early Life Nutrition</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> PINPOINT Personalised nutrition for the preterm infant</p> <p><b>Dates:</b> 2015 to 2018</p>
	<b>Vitamin D Workshop</b>	<p><b>Nature of interest:</b> Member of the workshop executive committee</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Vitamin D Science</p> <p><b>Dates:</b> March 2018-present</p>	<b>Mead Johnson Nutrition</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (PhD student funding and research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Contribution to the COMBINE project: Cork Nutrition and Microbiome Maternal-Infant Cohort Study</p> <p><b>Dates:</b> 2015 to 2017</p>
	<b>Irish Centre for Fetal and Neonatal Translational Research (INFANT)</b>	<p><b>Nature of interest:</b> Member of the executive management team</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> INFANT</p> <p><b>Dates:</b> November 2015-present</p>	<b>Fresenius Kabi</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Cash contribution to the PINPOINT project: Personalised nutrition for the preterm infant</p> <p><b>Dates:</b> 2015 to 2019</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>Crème Global Nutrition</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> BIK and cash contribution to the PINPOINT project: Personalised nutrition for the preterm infant</p> <p><b>Dates:</b> 2015 to 2019</p>
			<b>Danone Nutricia</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> BIK and cash contribution to the PINPOINT project: Personalised nutrition for the preterm infant</p> <p><b>Dates:</b> 2015 to 2019</p>
			<b>Science Foundation Ireland</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (PhD student funding and research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> COMBINE Project: Cork Nutrition and Microbiome Maternal-Infant Cohort Study</p> <p><b>Dates:</b> 2015 to 2019</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>Enterprise Ireland Meat Technology Institute</b>	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (research funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Analysis of BASELINE cohort data.</p> <p><b>Dates:</b> 2018 to 2019</p>
<b>Professor Lucilla Poston</b>	<b>MRC</b>	<p><b>Nature of interest:</b> Member, Global Health Group</p> <p><b>Financial:</b> Yes (expenses), <i>Amount received per annum over £5,000.</i> No</p> <p><b>Subject matter:</b> Global health including nutrition</p> <p><b>Dates:</b> 2015 to present</p>	<b>Nutricia Research BV</b>	<p><b>Nature of interest:</b> PhD studentship support</p> <p><b>Financial:</b> Yes (research funding and PhD student support) <i>Amount received per annum over £5,000.</i> No</p> <p><b>Subject matter:</b> Probiotic modulation of the microbiome in pregnancy and epigenetic effects on the offspring</p> <p><b>Dates:</b> 2016 to 2020</p>
	<b>NICE</b>	<p><b>Nature of interest:</b> Expert adviser for the NICE Centre for Guidelines (CfG)</p> <p><b>Financial:</b> Yes (expenses), <i>Amount received per annum over £5,000.</i>No</p> <p><b>Subject matter:</b> Women's Health including nutrition</p> <p><b>Dates:</b> 2018 to 2021</p>	<b>Lancet 2018</b>	<p><b>Nature of interest:</b> Co-Author Lancet Series on Preconception</p> <p><b>Financial:</b> None</p> <p><b>Subject matter:</b> Preconception including Nutrition</p> <p><b>Dates:</b> 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>International Society for the Developmental Origins of Disease (DoHaD)</b>	<p><b>Nature of interest:</b> President of Society</p> <p><b>Financial:</b> Yes (expenses), <i>Amount received per annum over £5,000.</i> No</p> <p><b>Subject matter:</b> promote research into the fetal and developmental origins of disease.</p> <p><b>Dates :</b>2017 to present</p>	<b>MRC</b>	<p><b>Nature of interest:</b> Research Grant Co-Applicant</p> <p><b>Financial:</b> Yes (research funding) <i>Amount received per annum over £5,000.</i> Yes</p> <p><b>Subject matter:</b> Creating an open access knowledge hub of nutritional biomarkers for use in global health settings. PI S Moore.</p> <p><b>Dates:</b>2018-2020</p>
	<b>ILSI</b> Obesity and Diabetes and Early Nutrition & Long-Term Health Task Forces. Expert group; gestational diabetes.	<p><b>Nature of interest:</b> Member of group</p> <p><b>Financial:</b> Yes (expenses), <i>Amount received per annum over £5,000.</i> No</p> <p><b>Subject matter:</b> Nutrition in women with gestational diabetes</p> <p><b>Dates:</b> 2017 to present</p>	<b>British Heart Foundation</b>	<p><b>Nature of interest:</b> Research Grant PI</p> <p><b>Financial:</b> Yes (research funding) <i>Amount received per annum over £5,000.</i> Yes.</p> <p><b>Subject matter:</b> The influence of a complex intervention of diet and physical activity in obese pregnant women of the cardiometabolic phenotype of 3 year old children; analysis of the UPBEAT trial. PI Poston.</p> <p><b>Dates:</b> 2017 to 2020</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Early Nutrition Academy</b>	<p><b>Nature of interest:</b> member of Early Nutrition Academy executive</p> <p><b>Financial:</b> None</p> <p><b>Subject matter</b> On line educational programme for nutrition in early life (including pregnancy)</p> <p><b>Dates:</b> 2015 to present</p>	<b>Diabetes UK</b>	<p><b>Nature of interest:</b> Research Grant co-applicant</p> <p><b>Financial:</b> Yes (research funding) <i>Amount received per annum over £5,000.</i> Yes</p> <p><b>Subject matter:</b> Gestational Diabetes, the epigenome and the health of the next generation.</p> <p><b>Dates:</b> 2017 to 2020</p>

## SACN Saturated Fats Working Group

Member	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
	Organisation	Details	Organisation	Details
Dr Jules Griffin	GlaxoSmithKline	<p><b>Nature of interest:</b> Share holder</p> <p><b>Financial:</b> Yes (PhD student funding/research funding paid to University). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b></p> <p><b>Dates:</b> June 2000 to present</p>	GlaxoSmithKline	<p><b>Nature of interest:</b> Grant funding</p> <p><b>Financial:</b> Yes (PhD student funding/research funding paid to University). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Hypoxia and mitochondrial toxicity</p> <p><b>Dates:</b> March 2017 to present</p>
			Medical Research Council	<p><b>Nature of interest:</b> Grant funding</p> <p><b>Financial:</b> Yes (Programme grant funding to the University). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Understanding how diet interacts with the metabolic syndrome using metabolomics and lipidomics</p> <p><b>Dates:</b> March 2013 to present</p>
			Unilever	<p><b>Nature of interest:</b> Grant funding</p> <p><b>Financial:</b> Yes (PhD student funding/research funding paid to University). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> The interaction between saturated fat and endoplasmic reticulum stress in myocytes</p> <p><b>Dates:</b> Oct 2017 to present</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
			<b>Medimmune</b>	<p><b>Nature of interest:</b> Grant funding</p> <p><b>Financial:</b> Yes (PhD student funding/research funding paid to University). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Turning on mitochondrial metabolism in white adipose tissue</p> <p><b>Dates:</b> Oct 2017 to present</p>
			<b>AstraZeneca</b>	<p><b>Nature of interest:</b> Grant funding</p> <p><b>Financial:</b> Yes (PhD student funding/research funding paid to University). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Studying in vivo metabolism using NMR spectroscopy</p> <p><b>Dates:</b> Oct 2017 to present</p>
			<b>European Union</b>	<p><b>Nature of interest:</b> Grant funding</p> <p><b>Financial:</b> Yes (Research funding paid to University). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Horizon 2020 project: GOLIATH. Understanding the interaction between endocrine disruptors and the metabolic syndrome.</p> <p><b>Dates:</b> Jan 2019 to present</p>

## Joint SACN / NHS England / Diabetes UK Working Group on low carbohydrate / high fat diets for people with type 2 diabetes

Member	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
	Organisation	Details	Organisation	Details
Dr Pamela Dyson	Diabetes UK	<p><b>Nature of interest:</b> Co-chair of nutrition working group</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Revising and updating dietary guidelines for management of diabetes</p> <p><b>Dates:</b> 2015 to present</p>	None	N/A
	Oxford Health Alliance	<p><b>Nature of interest:</b> Voluntary CEO of registered charity</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Preventing non-communicable disease</p> <p><b>Dates:</b> 2010 to present</p>		
	Medicine Matter Diabetes	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Producing dietary guidelines for management of diabetes for GPs education programme</p> <p><b>Dates:</b> 2017 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	John Wiley	<p><b>Nature of interest:</b> Editorial board fee for Practical Diabetes/writing and editing book/writing commissioned articles</p> <p><b>Financial:</b> Yes (honoraria and expenses). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dietary management of diabetes</p> <p><b>Dates:</b> 2014 to date</p>		
	Oxford University Press	<p><b>Nature of interest:</b> Royalties for book</p> <p><b>Financial:</b> Yes (royalties). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dietary management of diabetes</p> <p><b>Dates:</b> 2014 to date</p>		
	Lilly	<p><b>Nature of interest:</b> Fee paid for speaking at conference</p> <p><b>Financial:</b> Yes (honoraria and expenses). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dietary management of diabetes</p> <p><b>Dates:</b> 2017 only</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Diabetes UK	<p><b>Nature of interest:</b> Member of the Council of Healthcare Professionals</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Informing the work of Diabetes UK and providing dietary expertise</p> <p><b>Dates:</b> 2019 to present</p>		
	NB Medical	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Filmed webinar of dietary guidelines for diabetes for use in GP update education courses</p> <p><b>Dates:</b> 2017 to present</p>		

		PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member		Organisation	Details	Organisation	Details
Professor Forouhi	Nita	International Life Sciences Institute (ILSI) Europe	<p><b>Nature of interest:</b> Member of expert group on 'Update on health effects of different dietary saturated fats'</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> systematic review of different dietary saturated fats and risk factors for cardiometabolic health</p> <p><b>Date:</b> 2017 to present</p>	MRC Epidemiology Unit	<p><b>Nature of interest:</b> Core funding for programme of research in nutritional epidemiology</p> <p><b>Financial:</b> Yes (Research funding; PhD student funding). <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> understanding the links between diet and health; using dietary assessment methods with greater precision, including use of objective biomarkers of nutrition, understanding causality and gene-diet interactions.</p> <p><b>Dates:</b> 2005 to present</p>
		Diabetes UK	<p><b>Nature of interest:</b> Recipient of Rank Nutrition Lecture Award</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> delivered keynote lecture on dietary priorities for the prevention of type 2 diabetes</p> <p><b>Date:</b> 2017</p>	NIHR (Cambridge) Biomedical Research Centre	<p><b>Nature of interest:</b> Research</p> <p><b>Financial:</b> Yes (to MRC Epidemiology Unit, University of Cambridge) <i>Amount received per annum over £5,000:</i> Yes</p> <p><b>Subject matter:</b> Diet related research</p> <p><b>Dates:</b> 2017-Present</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Science Media Centre</b>	<p><b>Nature of interest:</b> Member of expert group for science comments</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Science communication</p> <p><b>Dates:</b> 2015 to present</p>	<b>PHE</b>	<p><b>Nature of interest:</b> Honorary Consultant Public Health Physician</p> <p><b>Financial:</b> No. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Honorary role</p> <p><b>Dates:</b> 2013 to present</p>
	<b>Public Health Genomic Foundation (University of Cambridge)</b>	<p><b>Nature of interest:</b> Member of the Board of Trustees</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Duties as Board of Trustees include oversight of governance structures, including financial and ethical issues</p> <p><b>Dates:</b> 2017 to present</p>	<b>EU Framework 6 (FP6) and Framework 7 (FP) 7</b>	<p><b>Nature of interest:</b> Research in diabetes</p> <p><b>Financial:</b> Yes (Grant to MRC Epidemiology Unit, University of Cambridge). <i>Amount received per annum over £5,000:</i> Yes (to Unit)</p> <p><b>Subject matter:</b> Diet and diabetes</p> <p><b>Dates:</b> 2006 to 2017 across FP6 and FP7 grants.</p>
	<b>Diabetic Medicine - Journal</b>	<p><b>Nature of interest:</b> Associate Editor of journal</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> review of and advice on scientific articles submitted to the journal</p> <p><b>Dates:</b> 2013 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Diabetes UK	<p><b>Nature of interest:</b> Expert adviser to Diabetes UK dietary guidelines and position statements</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Expert adviser on guidelines and position statements</p> <p><b>Dates:</b> 2016 to present</p>		
	British Medical Journal	<p><b>Nature of interest:</b> Series co-lead for 12 articles for the BMJ. The publication (open access) and launch of these articles is sponsored for the BMJ by Swiss Re.</p> <p><b>Financial:</b> No for BMJ series co-lead role. Yes for travel/accommodation for 2 days for series launch meeting. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> critical review of the science and politics of food and health. Co-lead of series, and lead author of 2 papers (dietary fats; dietary management of diabetes)</p> <p><b>Dates:</b> 2017 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	NICE	<p><b>Nature of interest:</b> Expert adviser for the NICE Centre for Guidelines (CfG)</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> Expert adviser on updating guidelines, participation in committees as a topic specialist member, performing peer reviews.</p> <p><b>Dates:</b> 2017 to 2020</p>		
	BBC TV	<p><b>Nature of interest:</b> interview broadcast on BBC2 'Trust me I'm a Doctor'</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> I co-led a randomised trial comparing different types of fats and oils and cardiovascular risk, which was covered by the BBC.</p> <p><b>Dates:</b> 2017 to 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Gloucestershire Care Services NHS Trust</b>	<p><b>Nature of interest:</b> Gloucestershire Diabetes Conference. Honorarium for talk to clinical and allied health professionals in one CCG area in England</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dietary solutions for the prevention of diabetes.</p> <p><b>Dates:</b> 13 June 2017</p>		
	<b>International Congress on Diabetes and Metabolism (ICDM), Korean Diabetes Association</b>	<p><b>Nature of Interest:</b> Invited speaker in session on lifestyle and environmental factors</p> <p><b>Financial:</b> Yes (honorarium for travel). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Dietary factors in diabetes.</p> <p><b>Dates:</b> 2018</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Dr Rachel Pryke	Primary Care Obesity Training Ltd	<p><b>Nature of interest:</b> Own limited company through which I run obesity training courses and develop training resources</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Obesity education</p> <p><b>Dates:</b> 2016 to present</p>		
	NICE Fellowship 2015-2018	<p><b>Nature of interest:</b> Fellowship - ambassadorial role for NICE focusing on obesity and nutrition</p> <p><b>Financial:</b> No</p> <p><b>Subject matter:</b> Representative role relating to obesity, nutrition and liver disease.</p> <p><b>Dates:</b> 2015 to end March 2018</p>		
	SCOPE/World Obesity	<p><b>Nature of interest:</b> Clinical Care Committee member</p> <p><b>Financial:</b> No. <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Educational projects and e-learning development on obesity</p> <p><b>Dates:</b> 2017 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	<b>Obesity E-learning - IMP</b>	<p><b>Nature of interest:</b> Authorship of 3 sessions</p> <p><b>Financial:</b> Yes (honorarium). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> E learning on obesity, raising the topic of weight and child obesity.</p> <p><b>Dates:</b> 2016 to 2017</p>		
	<b>PHE</b>	<p><b>Nature of interest:</b> Obesity Priority Prevention Board Committee member</p> <p><b>Financial:</b> Yes (travel and expenses). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Obesity strategy discussion</p> <p><b>Dates:</b> 2015 to 2017</p>		
	<b>NEC Primary Care &amp; Public Health</b>	<p><b>Nature of interest:</b> Conference presentation</p> <p><b>Financial:</b> Yes (honoraria for presentation). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> two talks on liver Disease and raising topic of weight</p> <p><b>Dates:</b> 2017</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	PHE	<p><b>Nature of interest:</b> National Child Measurement Programme Reference Group member (GP representative)</p> <p><b>Financial:</b> Yes (travel expenses for meeting attendance). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Discussions on childhood obesity strategies and initiatives</p> <p><b>Dates:</b> 2014 to present</p>		
	Novo Nordisk	<p><b>Nature of interest:</b> Roundtable on Medical Education conference in Copenhagen</p> <p><b>Financial:</b> Yes (travel and accommodation expenses). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Medical education on obesity</p> <p><b>Dates:</b> December 2017</p>		

		PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member		Organisation	Details	Organisation	Details
Professor Taylor	Roy	ADIT Conferences Board	<p><b>Nature of interest:</b> Lectures on the pathophysiology of type 2 diabetes</p> <p><b>Financial:</b> Yes (expenses). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Pathophysiology and clinical information</p> <p><b>Dates:</b> 2017 to present</p>	Diabetes UK	<p><b>Nature of interest:</b> Co-Chief Investigator, Research Grant: Diabetes Remission Clinical Trial.</p> <p><b>Financial:</b> Yes (awarded to Newcastle University). <i>Amount received per annum over £5,000:</i> Yes (£2.4 million total)</p> <p><b>Subject matter:</b> This involves study of the effectiveness and underlying mechanisms of reversal of type 2 diabetes by dietary means.</p> <p><b>Dates:</b> 2014-present</p>
		Novartis	<p><b>Nature of interest:</b> Non-promotional lectures to doctors</p> <p><b>Financial:</b> Yes (fees and travel expenses). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> The nature of type 2 diabetes and relationship of DPP4 inhibition to pathogenesis and progression of diabetes.</p> <p><b>Dates:</b> 2014 to 2017</p>	Diabetes UK	<p><b>Nature of interest:</b> Chief Investigator, Research Grant: Reversal of Type 2 Diabetes Upon Return to Normal Eating in Non-obese people (ReTUNE).</p> <p><b>Financial:</b> Yes. <i>Amount received per annum over £5,000:</i> Yes £500,000 total awarded to Newcastle University</p> <p><b>Subject matter:</b> This involves study of the personal fat threshold during reversal of type 2 diabetes in non-obese people by calorie restriction. <b>Dates:</b> January 2018-present</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
	Lilly	<p><b>Nature of interest:</b> Lectures on the nature of type 2 diabetes and chairing educational meetings</p> <p><b>Financial:</b> Yes (expenses). <i>Amount received per annum over £5,000:</i> No</p> <p><b>Subject matter:</b> Academic and clinical information on type 2 diabetes</p> <p><b>Dates:</b> 2015 to present</p>		
	Diabetes UK	<p><b>Nature of interest:</b> Chair of Trial steering Group for the DUK funding trial: 'Gestational weight gain, gestational diabetes and pregnancy outcomes. A multi-site randomised controlled interventional study'.</p> <p><b>Financial:</b> No.</p> <p><b>Subject matter:</b> evaluation of calorie restriction in pregnancy.</p> <p><b>Dates:</b> August 2018 to present</p>		

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
Mr Douglas Twenefour	HEALTHSPAN LTD	<p><b>Nature of Interest:</b> Consultancy</p> <p><b>Financial:</b> Yes (honorary). <i>Amount received per annum over £5,000:</i> No .</p> <p><b>Subject matter:</b> Round table discussion with other experts about dietary management of diabetes</p> <p><b>Date:</b> 2017 only</p>	Diabetes UK (Current Employer)	Permanent working contract with Diabetes UK as Deputy Head of Care. Diabetes UK has corporate partnerships with various companies listed here <a href="https://www.diabetes.org.uk/Get_involved/Corporate/Acknowledgements/">https://www.diabetes.org.uk/Get_involved/Corporate/Acknowledgements/</a>
			Bayer AG	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes. Travel and honorarium paid to Diabetes UK. Amount received per annum over £5,000: No.</p> <p><b>Subject matter:</b> Round table meeting of a Vascular Protection Initiative Patient Advisory Board.</p> <p><b>Dates:</b> March 2018</p>
			Bayer AG	<p><b>Nature of interest:</b> Consultancy</p> <p><b>Financial:</b> Yes. Travel and honorarium paid to Diabetes UK. Amount received per annum over £5,000: No.</p> <p><b>Subject matter:</b> Round table meeting of a Vascular Protection Initiative Patient Advisory Board.</p> <p><b>Dates:</b> October 2018</p>

	PERSONAL INTERESTS		NON-PERSONAL INTERESTS	
Member	Organisation	Details	Organisation	Details
<b>Ms Ruth Waxman</b>	none	n/a	none	n/a