What We Do

We are a membership organisation:

The Cambridge Institute of Public Health is part of the School of Clinical Medicine at the University of Cambridge. It is a multi-disciplinary partnership of public health researchers and professionals contributing to the improvement of the health and wellbeing of the global population. We believe that respecting and understanding the different types of contribution and knowledge, achieved through essential and equal partnerships, must underpin any chance of sustainable change.

Our Mission

We are our members, and our collective mission is to:

Improve the health of the public through research, teaching and analysis and promote wellbeing, prevent disease and reduce health inequalities.

In public health and population sciences, our members:

- Produce world leading research
- Educate scientists, clinicians and public health professionals
- Analyse and interpret population health evidence and data
- Lead the way with novel methodological approaches
- Inform and support health policy development and implementation

Strategic Aims

CIPH works to achieve our mission by acting as a:

- Gateway to public health at Cambridge, providing an overview of what’s happening in public health across the University, highlighting our member’s research and latest discoveries
- Facilitator of new research collaborations, between our members, our cross-University PublicHealth@Cambridge Strategic Research Network and our globally located partner institutions
- Supporter of research impact, making sure our members’ research makes a difference in the real world through our work with public health stakeholders outside of academia, including policymakers and practitioners
- Producer of future leaders in public health, through our multi-disciplinary graduate teaching, supervision, mentorship and career development events for early to mid-career researchers
- Resource Hub for our members, providing them with funding guidance, communications and networking resources
Why Does Public Health Matter?

“The art and science of public health has historically transformed the health of populations around the world. Improving and sustaining the health and wellbeing of the whole population can only be achieved through the organised efforts of society. This effort encompasses many disciplines and approaches tackling a broad range of topics, such as understanding the role of socio-economic, cultural and environmental conditions, lifestyle factors and health inequalities, to the study of infectious diseases and genomics. CIPH brings together leading scientists, public health leaders and stakeholders to tackle these pressing public health issues.”

Professor Carol Brayne, Director of CIPH

Determinants of Health and Wellbeing

Recreated, based original The Dahlgren-Whitehead rainbow, 1991

Who We Are

Members

Our members include academic departments and research units from the University of Cambridge, Public Health England, the Medical Research Council, the PHG Foundation and Institute-based public health research programmes.

CIPH Senior Visiting Fellows

Our network of CIPH Senior Fellows connects us with international leaders in public health working in policy, practice and academia beyond Cambridge. To find out more about the work of our Senior Fellows, visit our website www.iph.cam.ac.uk

Management & Governance

Professor Carol Brayne has been Director of CIPH since 2007; the Executive Committee comprises heads of departments and appointed representatives and members, and meets quarterly. The Executive Committee reports annually to the Committee of Management, chaired by Professor Peter Jones, Deputy Head of the School of Clinical Medicine. Dr Danielle Cannon leads the Strategy and Coordination Team, advising the Director on communications, strategy, CIPH events and projects. The business operations of CIPH are managed by the Joint Administration Team in the Department of Public Health and Primary Care led by Mrs Emma Marron.
Executive Committee

Professor Carol Brayne
Director, Cambridge Institute of Public Health, University of Cambridge

Professor Aliko Ahmed
Centre Director, Public Health England, East of England

Dr Danielle Cannon
Strategic Development Manager, Cambridge Institute of Public Health, University of Cambridge

Professor John Danesh
Head, Department of Public Health and Primary Care, University of Cambridge

Dr Julian Flowers
Head, Public Health Data Science Service, Public Health England

Dr Christine Hill
Deputy Director, CLAHRC East of England

Professor Kay-Tee Khaw
Professor of Clinical Gerontology, Department of Public Health and Primary Care, University of Cambridge

Dr Mark Kroese
Director, PHG Foundation

Professor Jonathan Mant
Head, Primary Care Unit, Department of Public Health and Primary Care, University of Cambridge

Mrs Emma Marron
Business and Operations Manager, Department of Public Health and Primary Care and Cambridge Institute of Public Health, University of Cambridge

Professor Ann Prentice
Director, MRC Elsie Widdowson Laboratory

Dr Mark Reacher
Consultant Epidemiologist, Eastern Field Epidemiology Unit, Public Health England, East of England

Professor Sylvia Richardson
Director, MRC Biostatistics Unit, University of Cambridge

Professor Nick Wareham
Director, MRC Epidemiology Unit, University of Cambridge

Committee of Management

Professor Peter Jones
Deputy Head, School of Clinical Medicine
University of Cambridge

Professor Carol Brayne
Director, Cambridge Institute of Public Health, University of Cambridge

Professor Cyrus Cooper (nominated representative for MRC as investor in CIPH)
Director, MRC Lifecourse Epidemiology Unit
University of Southampton

Ms Sue Dunkerton
(representing academic-industrial linkages)
Director, Knowledge Transfer Network, Innovate UK

Dr Caroline Edmonds
Secretary to the School of Clinical Medicine, University of Cambridge

Dr Paul Watson
Regional Director, NHS England

Professor Bernie Hannigan
Director, Research Development, Public Health England

Dr Tony Jewell
Chair, Wales for Africa Health Links Network, Former CMO Wales

Dr Liz Robin
Director of Public Health, Cambridgeshire County Council and Peterborough County Council

Professor Stefan Scholtes
Dennis Gilling, Professor of Health Management, Judge Business School, University of Cambridge

Professor Pim van Gool
President, Health Council of the Netherlands
Professor of Neurology, Academy Medical Centre, University of Amsterdam
CIPH Collaborations and Committees

CIPH is involved in a number of important research collaborations that enable our researchers to work with a broad range of local and global academics and professionals to produce high quality research. Our collaborations include:

University of North Carolina (UNC), Gillings School of Global Public Health

The UC-UNC collaboration between CIPH and the Gillings School of Global Public Health was established in 2012 and builds on the two Universities’ complementary strengths in biostatistics, epidemiology, obesity, noncommunicable diseases, ageing, health behaviours and global health. To date this successful partnership has led to a variety of publications, new linkages and eight ongoing collaborations:

- **Building new partnerships between health services research centres**

- **Advancing longitudinal and missing data methodology for big data research in health**

- **360° cameras to capture environmental cues in real-time for smoking, eating and drinking in the UK and US adults**

- **Evidence-based solutions to reduce exposure to waterborne diseases**

- **Simulating New Research Initiatives and Sustainability**

- **Mobile data collection on marketing and regulatory compliance of tobacco, alcohol and food retailer**

- **Reducing dementia risk factors later in life**

- **Developing a novel app to link dietary behaviour to environmental sustainability**

---

**Highlights of the UC-UNC Collaboration:**

- **Professors**
  - Carol Brayne (CIPH) and Peggye Dilworth-Anderson (UNC)
  - David Reiner (UC) and Alice Ammerman (UNC)
  - Emanuele Di Angelantonio (CIPH) and Wayne Rosamond (UNC)
  - Dame Theresa Marteau (CIPH) and Kurt Ribisl (UNC)
  - Vern Farewell (CIPH) and Michael Kosorok (UNC)
  - Mary Dixon-Woods (CIPH) and Mark Holmes (UNC)
  - Richard Fenner (CSD, Engineering) and Jamie Bartram (UNC)
  - Dr Milica Vasiljevic (CIPH) and Kurt Ribisl (UNC)
  - Mary Dixon-Woods (CIPH) and Mark Holmes (UNC)
  - Drs David Reiner (Judge Business School, UC) and Alice Ammerman (UNC)

---

**Examples of Collaborative Projects:**

- **Simulating New Research Initiatives and Sustainability**
  - Developing a novel app to link dietary behaviour to environmental sustainability

- **360° cameras to capture environmental cues in real-time for smoking, eating and drinking in the UK and US adults**

- **Advancing longitudinal and missing data methodology for big data research in health**

- **Building new partnerships between health services research centres**

---

**Collaborators:**

- **Professors**
  - Carol Brayne (CIPH) and Peggye Dilworth-Anderson (UNC)
  - David Reiner (UC) and Alice Ammerman (UNC)
  - Emanuele Di Angelantonio (CIPH) and Wayne Rosamond (UNC)
  - Dame Theresa Marteau (CIPH) and Kurt Ribisl (UNC)
  - Vern Farewell (CIPH) and Michael Kosorok (UNC)
  - Mary Dixon-Woods (CIPH) and Mark Holmes (UNC)
  - Richard Fenner (CSD, Engineering) and Jamie Bartram (UNC)
  - Dr Milica Vasiljevic (CIPH) and Kurt Ribisl (UNC)
  - Mary Dixon-Woods (CIPH) and Mark Holmes (UNC)
  - Drs David Reiner (Judge Business School, UC) and Alice Ammerman (UNC)
Public Health at the University of Cambridge – PHE Academic Liaison Committee

The Cambridge Institute of Public Health has longstanding links to public health colleagues in the NHS, and since 2013, in Public Health England (PHE). These relationships provide an excellent vehicle for the development of strong strategic collaborations that will enable the direct engagement of public health researchers with key policymakers and advisors in government.

Through our PHE Academic Liaison Committee and Dr Rosalind Parkes-Ratanshi, a PHE funded lecturer at CIPH, we aim to highlight and strengthen collaboration between these organisations.

The University of Cambridge was awarded £42m from the Health Foundation to create a world-leading healthcare improvement research institute.

The Healthcare Improvement Studies (THIS) Institute, launched in January 2018, directed by Professor Mary Dixon-Woods, sits within the Department of Public Health and Primary Care. THIS Institute aims to strengthen the evidence-base for improving healthcare, grow research capacity nationwide, and deepen the scientific foundations of the study of improvement. www.phpc.cam.ac.uk/pcu/cambridge-awarded-40m-create-world-leading-healthcare-improvement-research-institute/

Professor Dame Theresa Marteau was awarded a prestigious £4M Wellcome Collaborative Award in Science to investigate ways to ‘nudge’ people towards healthier behaviour – to reduce their food and alcohol consumption and to stop smoking – in order to improve health across the population. (PCU) www.phpc.cam.ac.uk/pcu/redesigning-supermarkets-bars-restaurants-nudge-us-away-harmful-consumption-food-alcohol-tobacco/https://cambridgebrc.nihr.ac.uk/research/nutrition-diet-lifestyle/

Member News

Major National Funding

The MRC Epidemiology Unit leads the nutrition, diet and lifestyle theme of the NIHR Cambridge Biomedical Research Centre that was funded for five years in 2017.

Researchers will use the latest measurement technologies in genetics and biomarkers (molecules found in the body that can act as a sign of disease) to explore the links between diet, nutrition and lifestyle. The research will increase understand of how individual risk factors (such as physical inactivity or poor diet) cause disease and how disease is caused by people’s genetic make-up or their growth as a baby or infant. Understanding this will help the development of effective interventions and programmes to improve or maintain patients’ health, and change lifestyle behaviours.

British Heart Foundation renewal for MRC/ BHF Cardiovascular Epidemiology Unit (CEU).
Major National Funding

£5m CRUK award for Cambridge research to help GPs diagnose cancer: Research to improve the early detection of cancers in GP surgeries will be transformed with a £5m funding award from Cancer Research UK. The Catalyst Award, which aims to help researchers deliver trailblazing progress in their field with long-lasting results, has gone to the Cambridge-led CanTest project (PCU).

www.phpc.cam.ac.uk/pcu/5m-cruk-award-cambridge-research-help-gps-diagnose-cancer/

Professor John Danesh was awarded funding from Health Data Research UK (DPHPC) www.phpc.cam.ac.uk/blog/major-funding-cambridge-transform-health-data-science/

UK Biobank announced the availability of world’s largest objective physical activity dataset. (MRC Epidemiology Unit/CEDAR) www.mrc-epid.cam.ac.uk/blog/uk-biobank-announce-availability-worlds-largest-objective-physical-activity-dataset/

The NDNS assesses the diet, nutrient intake and nutritional status of the general population of the UK. The survey covers a representative sample of around 1,000 people per year. More about NDNS at www.gov.uk/government/collections/national-diet-and-nutrition-survey


The NIHR School for Public Health Research started its second phase of five year funding with CIPH representing the Cambridge membership of the School. At Cambridge, the core themes over the next five years will be public mental health, places and communities, children & families.

Member Awards

FEBRUARY 2017

University of Cambridge Pilkington Prize awarded to Dr Richard Davies for excellence in teaching at the School of Clinical Medicine

APRIL 2017

Our CIPH Senior Visiting Fellow Professor Sheila Bird became an Academy of Medical Sciences Fellow in 2017, joining a number of other CIPH members who are members of the Academy

JUNE 2017

CIPH Director, Professor Carol Brayne received a CBE in the Queen’s Birthday Honours

Professor Dame Theresa Marteau (Director of the Behaviour and Health Research Unit) received a Damehood in the Queen’s Birthday Honours

2017

Professor Sylvia Richardson, Director of the MRC Biostatistics Unit, received an Honorary Doctorate Degree from the University of Oslo

SEPTEMBER 2017

Professor Ann Prentice Director at the MRC Elsie Widdowson Laboratory, was awarded an Honorary Professorship in Global Nutrition and Health from the University of Cambridge and became a Fellow of the International Union of Nutritional Sciences

NOVEMBER 2017

2018

Professors Mary Dixon-Woods, Nick Wareham and John Danesh were re-appointed as NIHR Senior Investigators

FEBRUARY 2018
Other News

Cambridge Epidemiology & Trials Unit (CETU): The CETU, part of the MRC Epidemiology Unit, received provisional registration status as a UK Clinical Research Collaboration (UKCRC) Clinical Trials Unit in August 2017. CETU’s research strategy focuses on Randomized Controlled Trials and other studies that evaluate interventions to improve health and social care and public health. Its trials include pilot/feasibility trials and explanatory trials through to large multi-centre trials in community settings (e.g. primary care, educational establishments), and natural experimental studies. Trials have recruited from varied populations, from babies to older adults, and have included up to 12,500 participants and have led to significant contributions towards clinical practice and public health policy.

Public Health England will be moving its headquarters to Harlow in Essex where it will establish a public health science campus.

PHG Foundation celebrated 20 years of making science work for health with a gala dinner at Trinity College, where then Vice Chancellor, Prof Sir Leszek Borysiewicz, was the guest speaker.

MRC Biostatistics transferred to the University of Cambridge, School of Clinical Medicine in December 2016.

Impact

Our members’ work tackles important public health issues ranging from HIV and dementia, to obesity and cancer, through a variety of disciplines and methods.

We aim to achieve maximum impact of our work by working with public health stakeholders, policymakers and practitioners to enable the translation of research into practice. Only this way can research make a difference in the real world. CIPH Public Health Policy Coordinator, Lauren Milden supports our impact by:

- providing resources such as best practice guides and case studies
- hosting events that connect researchers with regional, national and international stakeholders
- enabling one to one discussions with academics
- fostering links between our researchers and policy-makers

A sample of CIPH members’ impact activities, include:

PREDICT (www.predict.nhs.uk) is a user-friendly, web-based prediction and treatment benefit tool aimed at aiding breast cancer multi-disciplinary teams in the management of women with early breast cancer. It was developed by the Department of Public Health and Primary Care (Professor Paul Pharoah) in collaboration with colleagues at the Department of Oncology, and the Cambridge Breast Unit at the Cambridge University Hospitals NHS Foundation Trust.

Funding was provided by Cancer Research UK and other sources. One of the key decisions in the management of women with early breast cancer is whether or not to offer adjuvant chemotherapy in conjunction with primary surgery and radiotherapy.

PREDICT was developed to enable clinicians to estimate the absolute benefits of chemotherapy in order to ensure treatment is targeted at those women most likely to benefit.

Making significant contributions to the Chief Medical Officer’s Generation Genome report

Providing evidence to underpin UK Department for Transport Guidance. See details on CEDAR's work at: www.cedar.iph.cam.ac.uk/blog/dft-tag-cedar-010917/

Launching CEDAR’s Food Environment assessment tool which allows the user to explore their neighbourhood food environment. www.cedar.iph.cam.ac.uk/blog/feat-launch/

Providing oral and written evidence to House of Commons and House of Lords Select Committees. To see some of the PHG Foundation’s evidence, visit: www.phgfoundation.org/phg-news/evidence-on-artificial-intelligence and www.phgfoundation.org/phg-news-going-beyond-genomics

CIPH runs events for researchers, practitioners and policymakers.
Recent speakers have included: Dr Alison Tedstone, National Director with responsibility for diet, nutrition and obesity in the Health and Wellbeing Directorate of Public Health England; Dr Christine McGuire, Lead on Patient Experience Intelligence, Department of Health; Professor John Watson, former Deputy Chief Medical Officer, Department of Health.
See outputs from this CIPH event here: www.iph.cam.ac.uk/public-health-policy/resources/

To find more out about our impact work visit www.iph.cam.ac.uk
Global Public Health

Our members’ research, teaching and practice places a priority on improving health and health equity for populations worldwide.

MPhil and PhD students come from many countries and our alumni are now located around the globe. CIPH’s academics have longstanding links with collaborators in high and low-income countries around the globe. Under the new Global Challenges Research Fund initiatives we are establishing research programmes across Asia, Africa and the Caribbean.

O Caribbean, South Pacific, South Africa, US
The Community Food Production and Health (CFaH) project is designed to help establish a research programme that has the combined scientific disciplines and approaches necessary to carry out high quality evaluations of community-based food production initiatives in LMICs. Lead: Professor Nigel Unwin (MRC Epi/CEDAR). Award: Global Challenges Research Fund.

www.mrc-epid.cam.ac.uk/research/global-public-health/community-food-production-health/

O South Africa, Cameroon, Kenya, Caribbean
The goal of the Global Diet and Activity Research Group and Network (GDAR) is to help prevent noncommunicable diseases (NCDs), such as type 2 diabetes, heart disease, and cancers, in low and middle income countries (LMICs). These diseases are a major and growing cause of death and disability in these countries. Two of the most important causes of this trend are unhealthy diets and a lack of physical activity, both of which are associated with rapid economic development. UK Lead: Professor Nick Wareham (MRC Epi/CEDAR). Award: NIHR Development. UK Lead: Professor Nick Wareham (MRC Epi/CEDAR). Award: Global Challenges Research Fund.

www.mrc-epid.cam.ac.uk/research/global-public-health/gdar/

O Uganda
• The Anti-Retroviral Therapy Access Application (ARTACCESS APP) project aims to develop a mobile phone application for delivery of HIV drugs to patients through community pharmacies in Uganda. UK Lead: Dr Rosalind Parkes-Ratanshi. Award: MRC DFID Health Systems Research Initiative.
• Pictures of Ageing in Uganda; A partnership to explore demographics, phenotype and self-perception in a community of older people. UK Leads: Professor Carol Brayne, working with Dr Alice Reid (Department of Geography), Professor Zoe Kourtzi (Department of Psychology), in collaboration with Makerere University and 32o East, an arts NGO in Uganda.

O Sri Lanka
• The Bangladesh Risk of Acute Cardiovascular Events (BRAVE) is a pioneering 16,000-person case-control study of cardiovascular disease. BRAVE has recruited over 7500 first-ever myocardial infarction cases and 7500 healthy controls from the capital Dhaka city. Information and biological specimen routinely collected include data using a 400-item questionnaire, physical measurements, blood, toe-nail and extracted DNA samples from all participants. UK leads: Dr Rajiv Chowdhury, Professor John Danesh and Dr Emanuele Di Angelantonio. www.phpc.cam.ac.uk/ceu/ internationalvascular-health/brave/

O Bangladesh
• The Bangladesh Longitudinal Investigation of Emerging Vascular Events (BELIEVE) is a 100,000-person prospective cohort study in Bangladesh. UK leads: Dr Rajiv Chowdhury, Professor John Danesh and Dr Emanuele Di Angelantonio. www.phpc.cam.ac.uk/ceu/ internationalvascular-health/believe/

We are strategically connected to University of Cambridge global activities, for example through the PublicHealth@Cambridge Network, and our links to Cambridge Africa and the Wellcome Centre for Global Health. Through our alumni connections and research we also aim to work with policymakers, and have recently established the CiPH Global Public Health Research and Policy Strategic Advisory Group (CiPH Global Group).
Teaching And Training

We work with our members to train the public health leaders of the future, through our MPhils, PhD opportunities, career development training and fellowship programmes:

Undergraduate

The Department of Public Health and Primary Care is responsible for designing, delivering and coordinating the Public Health and Primary Care teaching themes, in conjunction with the School of Clinical Medicine curriculum. Undergraduate public health teaching is provided for University of Cambridge’s medical students (approx. 270 students).

www.iph.cam.ac.uk/study/teaching

Postgraduate

Three Masters Programmes are offered as well as a wide range of opportunities for PhD students. There are two taught and one research MPhil degree courses which are overseen by the Department of Public Health and Primary Care, in collaboration with the MRC Biostatistics Unit and MRC Epidemiology unit:

• The MPhil in Epidemiology was established in 1992 and admits 10-15 students each year.
• The MPhil in Public Health admits around 15-16 students each year.
• The MPhil in Primary Care Research is a research degree, although there are significant taught components. This course admits 3-5 students each year.

All the interesting jobs that I wanted to do required a Masters in Public Health… I found in this widely recognised Masters an opportunity to explore my interests and truly understand public health, and build the core academic skills that I needed and an introduction and the opportunities to work with world class academics and learn from peers from a range of backgrounds.”

Eleanor Turner Moss, MPhil in Public Health, 2017

PHD Students

All our PhD students are expected to have a Masters or to engage in our 1-year Masters course before pursuing a 3-year project-based doctoral programme. There are currently over 100 PhD students across CIPH embedded in their host research teams.

Postgraduate education www.iph.cam.ac.uk/study/teaching
Public Health Specialist Training

CIPH provides a training location for academic and public health service training for NHS Public Health Registrars who undergo specialist training for registration on the General Medical Council Specialist Register (for medics), or on the UKPHR (for non-medics). Most registrars do the full time MPhil in Public Health in their first year of training, and later in their training they are able to do an academic placement within the academic departments of the Institute.

CIPH is the lead centre for a multi-institutional Cognitive Function and Ageing Doctoral Training Programme in Dementia funded by the Alzheimer’s Society.

Additional training is provided in accordance with need. MRC CEDAR, for example, offers (a) initial foundation training in the basic sciences of public health research and the completion of a PhD; (b) post-doctoral training to develop generic skills and specific research expertise; and (c) intermediate level training and development designed to help researchers make the transition to independent scientific leadership roles.

Leadership in Public Health

The Dennis and Mireille Gillings Fellowships in Global Public Health Leadership, were established in 2016 as a collaboration between the University of Cambridge and the Institute Pasteur in Paris.

Designed to advance the next generation of public health leaders, the three year post-doctoral fellowships aim to instill financial acumen and business entrepreneurship against a backdrop of research excellence, all at a formative stage in the careers of young scientists.

The Gillings Fellows receive public health leadership skills training during the first year of the fellowship, followed by one-to-one professional coaching in years two and three.

The research focus of the two current fellows covers two areas critical to the provision of sustainable global public health solutions: emerging infectious diseases and the public health of autism.

"Today’s complex public health challenges demand leaders with strategic vision, excellent leadership skills and an ability to negotiate local, national and global health systems with ease. With the generous support of Drs Dennis and Mireille Gillings, we are now able to train future public health leaders who possess these skills through the Dennis and Mireilles Gillings Fellowship in Global Public Health Leadership."”

Andres Roman-Urrestarazu MD PhD, Gillings Fellow in Autism Research and Global Public Health

“An absolutely incredible experience. Being able to mix such a broad range of different skills and sets of development areas into a single programme is something that is absolutely fascinating for young researchers.”

Professor Carol Brayne CBE, Director of Cambridge Institute

Events

We run events series for our members and wider public health stakeholders, these include:

Annual CIPH Conference and Lecture

This event series presents an opportunity for public health researchers, policymakers and professionals to come together to discover and discuss the latest public health research breakthroughs at Cambridge.

Each year we invite a leader in public health to deliver the keynote lecture, previous speakers include: Dr Flavia Bustreo (former Assistant Director-General, Family, Women’s and Children’s Health, WHO); Professor Dame Sally Davies (Chief Medical Officer for England) and Dr Julio Frenk (President of the University of Miami).

Bradford Hill Seminars

Cambridge Institute of Public Health’s flagship programme invites nine world leading public health academics a year to speak to and connect with our researchers and students.

CIPH will be running a series of events including:

• “Career development” events for early to mid-career researchers to broaden the opportunities for future leaders.

• “Find a Funder” events which aims to direct early to mid-career researchers to appropriate funding mechanisms as well as provide general guidance when applying for funding.
Resources

Find an Expert: search our directory of public health experts by specialisation and get in touch with them for speaker, collaboration and media opportunities at www.iph.cam.ac.uk/about-us/find-an-expert

Network: visit our PublicHealth@Cambridge Network directory to find University of Cambridge public health researchers to network and collaborate at www.iph.cam.ac.uk/network

Location

CIPH is located on the Cambridge Biomedical Campus, which combines world-class biomedical research, patient care and education on a single site.

Cambridge Institute of Public Health
University of Cambridge School of Clinical Medicine
Forvie Site
Cambridge Biomedical Campus
Cambridge CB2 0SR

Telephone: 01223 330 300
Email: enquiries@iph.cam.ac.uk
www.iph.cam.ac.uk

A Guide To CIPH Members

Department of Public Health and Primary Care (DPHPC)

The DPHPC, headed by Professor John Danesh, comprises over 450 staff and graduate students and seven academic groups specialising in different areas of public health and primary care: Bioresource, Cardiovascular Epidemiology Unit, Centre for Cancer Genetic Epidemiology, Clinical Gerontology Unit, Primary Care Unit, The Public Health of Ageing Research Unit and The Healthcare Improvement Studies (THIS) Institute. www.phpc.cam.ac.uk

MRC Epidemiology Unit

Directed by Professor Nick Wareham, members of the Unit study the genetic, developmental and environmental factors that cause obesity, diabetes and related metabolic disorders. It comprises seven MRC-core funded research programmes: Aetiology of Diabetes and Related Metabolic Disorders, Nutritional Epidemiology, Growth and Development, Physical Activity Epidemiology, Physical Activity and Public Health, Behavioural Epidemiology and Prevention of Diabetes and Related Metabolic Disorders. It also leads the Centre for Diet and Activity Research (CEDAR). www.mrc-epid.cam.ac.uk

MRC Biostatistics Unit

Led by Professor Sylvia Richardson, the mission of the MRC BSU is to advance medical science and human health through the development, application and dissemination of statistical methods. We are committed to making an impact on dementia, ageing and Alzheimer’s disease, cardiovascular and metabolic diseases, rheumatology, autoimmune diseases, rare blood disorders, oncology, bloodborne viruses, respiratory infections and antibiotic resistance. We work with leading trial centres, clinical departments, epidemiology groups and public health bodies such as PHE. We are developing links with major programmes in stratified medicine and in big data analytics such as Health Data Research UK and the Alan Turing Institute (ATI).

Our current research portfolio is organised into four themes spanning basic science to population health: Statistical Omics (SOMX), Precision Medicine and Inference for Complex Outcomes (PREM), Design and Analysis of Randomised Trials (DART), and Statistical methods Using data Resources to improve Population Health (SURPH). www.mrc-bsu.cam.ac.uk
MRC Elsie Widdowson Laboratory
Conducts nutrition research and surveillance to improve the health of the population with a focus on obesity and metabolic risk, musculoskeletal health, intestinal health and nutritional inequalities. This Unit is led by Professor Ann Prentice. 2018 is the final year of operation for MRC EWL. Migration of knowledge and expertise in specialist capabilities including dietary assessment, nutritional biomarkers and stable isotopes to Cambridge University will take place during this year.
www.mrc-ewl.cam.ac.uk

PHG Foundation
A non-profit health policy think tank with a special focus on how genomics and other emerging health technologies can provide more effective, personalised healthcare and deliver improvements in health for patients and citizens. Led by Dr Mark Kroese. www.phgfoundation.org

Public Health England Clinical Microbiology & Public Health Laboratory
Led by Dr Nick Brown, the laboratory is based in Addenbrooke’s hospital. It provides clinical microbiology services for acute NHS Trusts in Cambridge, Papworth, Huntingdon and Stevenage, as well as the surrounding GP practices.

Public Health England National Cancer Registration and Analysis Service, Eastern Office
Staff collect, process, store and analyse all malignant tumours and some pre-cancerous and nonmalignant cancers newly diagnosed in the East of England. Dr Jem Rashbass is National Director for Disease Registration at Public Health England.

NIHR School for Public Health Research (SPHR)
A national partnership aiming to build evidence for effective public health practice, looking at what works practically to improve population health and reduce health inequalities. At Cambridge, the core themes over the next five years will be Public Mental Health, Places and Communities, Children & Families. The Cambridge team is led by Professor Carol Brayne. www.sphr.nihr.ac.uk

Public Health England Field Epidemiology Service
Collates and analyses information on infections and environmental exposures with the objective of rapid detection of outbreaks, incidents and trends requiring action. This Unit is led by Dr Mark Reacher.

NIHR Collaborations for Leadership in Applied Health Research and Care (CLAHRC) East of England
A collaboration of academics, clinicians and managers who undertake high quality applied health research focused on the needs of patients and service users, supporting the translation of research evidence into practice in the NHS and social care. Professor Peter Jones is Director of CLAHRC East of England. The CLAHRC’s dementia, frailty and end-of-life care research theme is led by Professor Carol Brayne. www.clahrc-eoe.nihr.ac.uk

Public Health England Knowledge and Intelligence Service, East of England
Advises public health teams based in local authorities and the NHS to make better decisions for commissioning, prioritisation and improving outcomes, by providing high-quality analysis and interpretation of population health data. Our online resources are backed up by workforce training and access to expert advice. The Knowledge and Intelligence Service is led by Professor Peter Bradley.