



UNIVERSITY OF
CAMBRIDGE

CSaP | centre for
science
and policy

Annual Review 2024



CSaP's mission is to improve public policy making through the more effective use of evidence and expertise. Since our launch in 2009, we have pioneered approaches to bring science and policy together. We forge relationships based on mutual understanding and trust, and build networks of people with shared values of intellectual curiosity and public service. From this starting point we curate open and exploratory conversations to address public policy priorities.

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Introduction

The Centre for Science and Policy offers unique opportunities to connect policy makers with academic researchers and experts at the University of Cambridge and partner institutions.

In the academic year 2023-2024, we organised 982 one-to-one meetings for CSaP Policy Fellows with researchers in our network; delivered 17 Professional Development workshops to 400 attendees; and organised 14 Policy Workshops on topics ranging from AI & democracy to nature recovery. Our Policy Fellows typically described their experience as being **“invigorating”**, **“refreshing”**, **“inspiring”** and **“confidence-boosting”**.

We continue to be inspired by the insights, wisdom and dedication to public benefit we find among the people we interact with. Whether your role relates to policy or research – and whether you are at an earlier or more senior stage in your career – we hope you will consider the opportunities to connect with us described in this review.

In the context of a new government in the UK, and the opportunities this presents, we look forward to working with a growing network of researchers and policy makers in the year ahead.

The CSaP Network

Improving public policy making through the more effective use of evidence and expertise

The CSaP network is made up of more than 500 policy professionals and over 1800 academics and other experts drawn from all disciplines across UK universities, and from the public and private sectors.

CSaP creates opportunities for policy professionals and academics to learn from each other through our Fellowships, Policy Workshops, and Professional Development programme.

The connections CSaP creates generate new policy responses to complex social and economic challenges. Our programmes translate scientific insights into the heart of the policy-making process.

Analysing the data collected from these programmes also helps us to better understand the relationship between evidence, expertise and public policy.

“I have met many Policy Fellows over the years. These meetings are of real value to both parties; they put us in touch with policy makers and in turn these policy makers benefit from our expertise.”

Professor Dame Diane Coyle
Bennett Professor of Public Policy
University of Cambridge

How can joining CSaP's network help you?

Academic



“Meeting with Policy Fellows is a good opportunity to remind yourself that the research you are doing is meaningful and exciting.”

Miri Zilka
Senior Research Associate
Machine Learning Group
Department of Engineering
University of Cambridge

Policy professional



“Participating in CSaP's workshops has provided a really valuable opportunity – they bring together an exciting mix of people and have allowed me to make many interesting connections.”

Richard Gleave
Director of Science Strategy and
Development
UK Health Security Agency

Early-career researcher



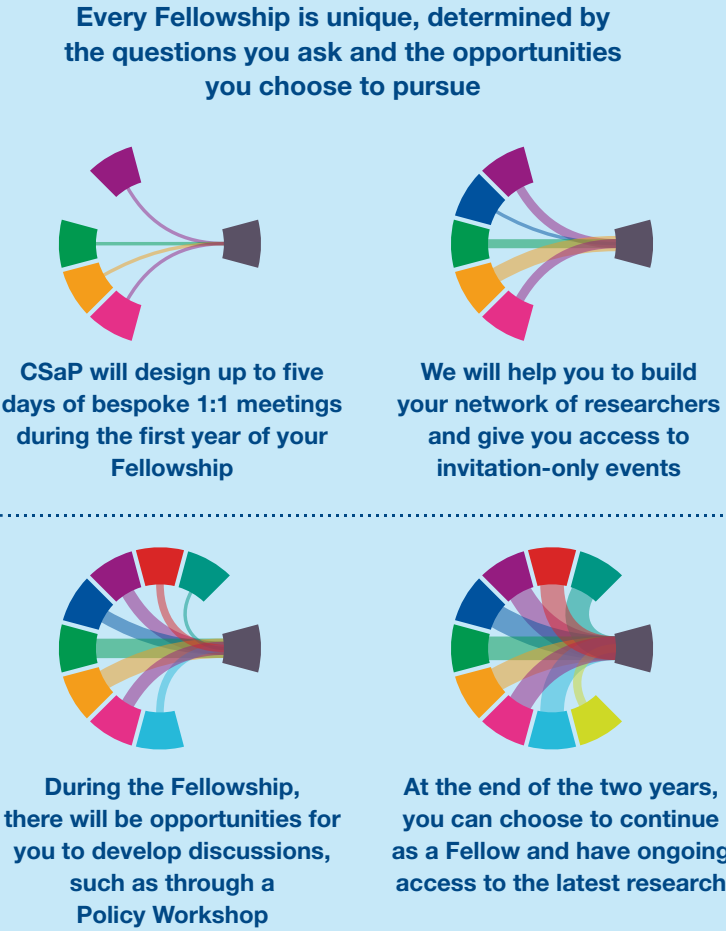
“As part of my internship at CSaP, I was very lucky to work with the Policy Fellowships team, which gave me a better understanding of how to communicate my research effectively to different audiences.”

Adisetu Malih
Postgraduate Research Student
Institute for Social and Economic Research
University of Essex

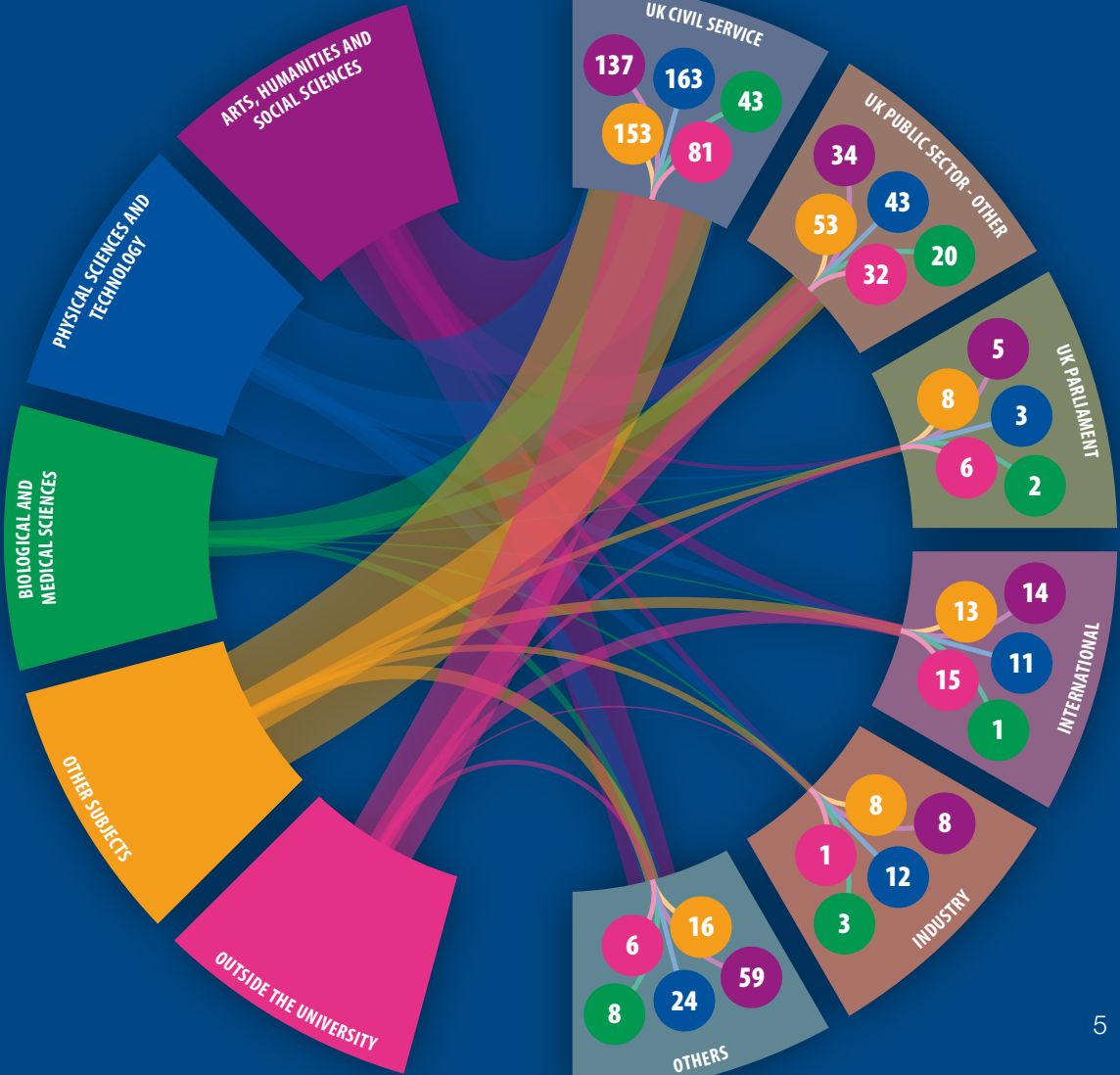
Policy Fellowships

Building relationships based on mutual understanding and trust

The CSaP Policy Fellowship is a two-year bespoke programme for senior policy professionals. In the first year, Policy Fellows spend five days in Cambridge undertaking a tailored programme of one-to-one meetings with academic experts across a range of disciplines based on the Fellow's responsibilities and interests.



This diagram illustrates the strength of connections between Policy Fellows and researchers in our network, with 982 one-to-one meetings taking place in 2023-2024.



Benefits of the Policy Fellowship

Our Policy Fellows benefit from being part of an active, thriving network of academics and policy professionals, and having access to cutting-edge research, new ways of thinking and fresh perspectives.



“The Fellowship has been a tremendous opportunity for personal and professional growth. It has enhanced my critical thinking and expanded my network, allowing me to bring a richer, more informed perspective to my work.”

Judith Herbertson
Head of Girls’ Education
Foreign, Commonwealth &
Development Office



“The bridge between the policy ecosystem and academia can be hard to cross, but CSaP plays a vital role in facilitating these exchanges. The Fellowship gave me a deeper understanding of some of the ideas moving between academia and the policy world, and the impetus to approach my day-to-day differently.”

Tom Maitland
Senior Manager
Financial Services Policy
CBI



“The cumulative effect of the Fellowship has been a renewed sense of enthusiasm for public policy. The intellectual stimulation I was looking for has been more than met, and I feel better equipped to tackle the strategic challenges in my work with fresh eyes.”

Fraser Battye
Head of Policy
NHS Strategy Unit

Policy Leaders Fellowship

The Policy Leaders Fellowship caters to the needs of Permanent Secretaries and Directors General in the UK Civil Service, and their equivalents in devolved governments, as well as Chief Executives in local government and national charities.

Fellows are recruited for two-year terms and meet together three times a year in Cambridge for roundtable discussions and one-to-one meetings with relevant academics. This year topics have included **cyber security**, **quantum**, and **leadership**.

GET IN TOUCH

If you’re a policy professional looking to expand your network of academic experts, we can help you.
Email us at
policyfellows@csap.cam.ac.uk



“The roundtable discussions are of high quality. The academics are very engaging and able to communicate complicated concepts in clear ways; it feels like a proper two-way dialogue where academics are as keen to learn as the policy makers.”

Scott McPherson
Director General
Strategy, Policy & Programmes
UK Health Security Agency

Policy Workshops

Connecting academic research to emerging policy challenges

By convening the right experts in the right setting to explore evidence and ideas, our workshops can unlock complex policy issues. Senior academics and policy makers engage with confidence in a trusted and safe space. The benefits often extend beyond the original policy questions, as entirely new perspectives on policy issues open up, and a network of valuable experts grows.



“I was surprised by how high-level the workshop participants were, and how willing they were to listen. Engaging with CSaP has expanded my network immeasurably in a very convivial way. I was able to connect with people I had wanted to work with and build better relationships.”

Professor Flora Samuels
Professor of Architecture
University of Cambridge

GET IN TOUCH

If you’re an academic or policy professional, we can help you to convene a workshop.

Email us at policyworkshops@csap.cam.ac.uk

We delivered 12 Policy Workshops this year, working with partners spanning academia, government and industry.

Robotics, autonomous systems and AI in safety-critical applications

We delivered two workshops and an analytical report in partnership with the University of York.

Radicalisation

A workshop with Counter Terrorism Policing and academic experts from across the UK captured insights on the evolving process of radicalisation.

Maritime decarbonisation

A workshop with the Department for Transport (DfT) discussed future fuels for the maritime sector.

Governance of stem cell-based embryo models (SCBEMs) in the UK

We helped Cambridge Reproduction to convene a workshop on the draft governance framework for research using SCBEMs in the UK.

Nature recovery networks and habitat connectivity

Organised in partnership with National Highways, the DfT and Defra, this roundtable explored improvements to nature connectivity.

Data standards for spatial planning

We worked with MHCLG and the Department of Architecture in Cambridge on the use by local authorities of geospatial data in preparing digital local plans.

The use of AI in Higher and Further Education

Working in partnership with the Department for Education, this discussion focussed on how teachers, lecturers and students can develop the necessary skills to use AI to best effect.

Translation of AI innovation between universities and pharma

Collaborating with AI@Cam, AstraZeneca and GSK, we explored the role of industry-university collaborations in translating AI innovation to real-world benefit.

The role of critical minerals supply chains

A workshop to discuss the adverse impacts of mining for critical minerals, and to explore potential solutions, was organised with the Energy IRC at Cambridge.

AI, democracy and mis/disinformation

A workshop with the Leverhulme Centre for the Future of Intelligence generated ideas for the development of guidelines on the responsible use of AI in political campaigns.

Events

This year, we held 81 events, with 2286 attendees

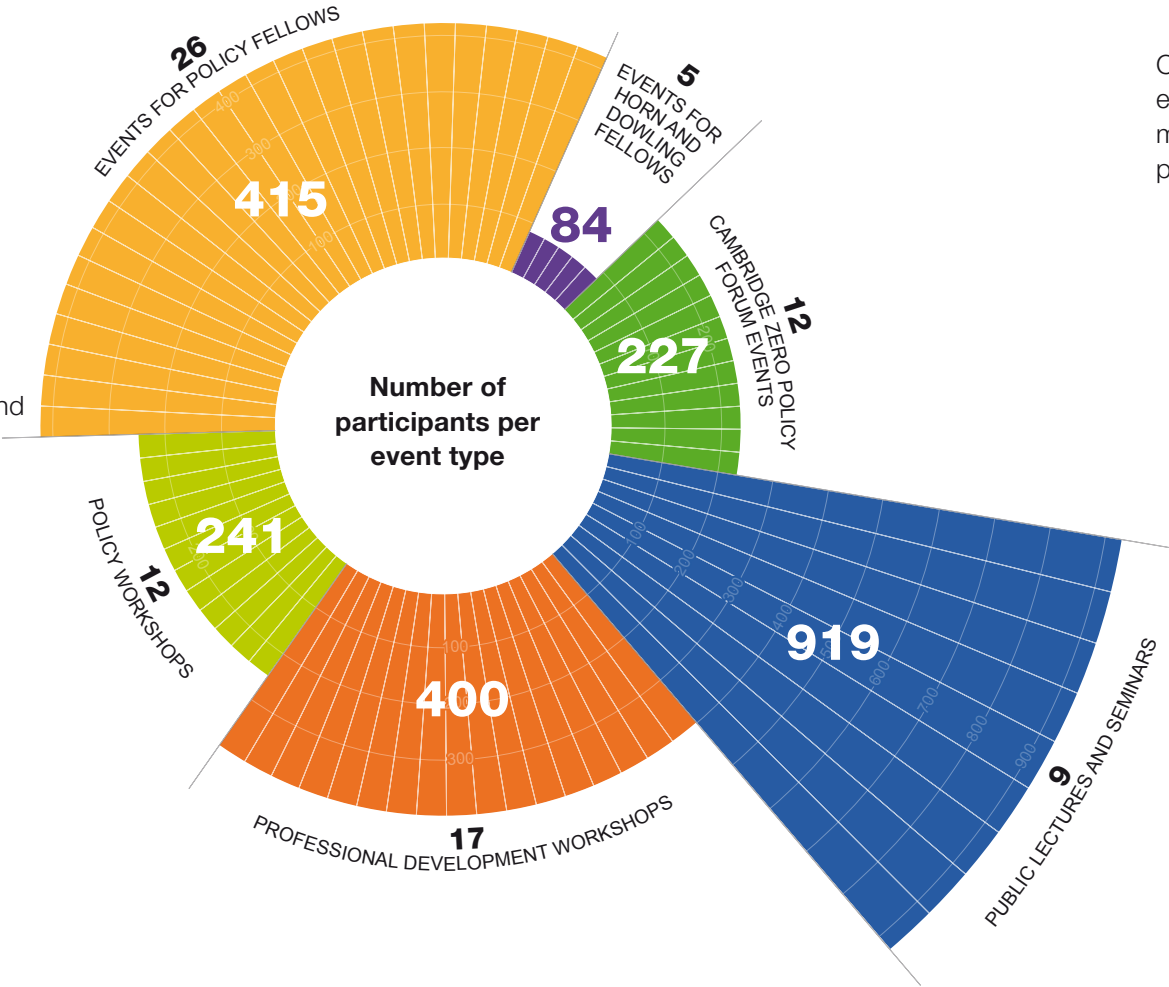
Our public lectures, seminars and annual conference are open for all to attend. This year, talks have been delivered by:

Professor Alondra Nelson
former Acting Director of the White House Office of Science and Technology Policy

Professor Sarah Sharples
Chief Scientific Adviser, Department for Transport

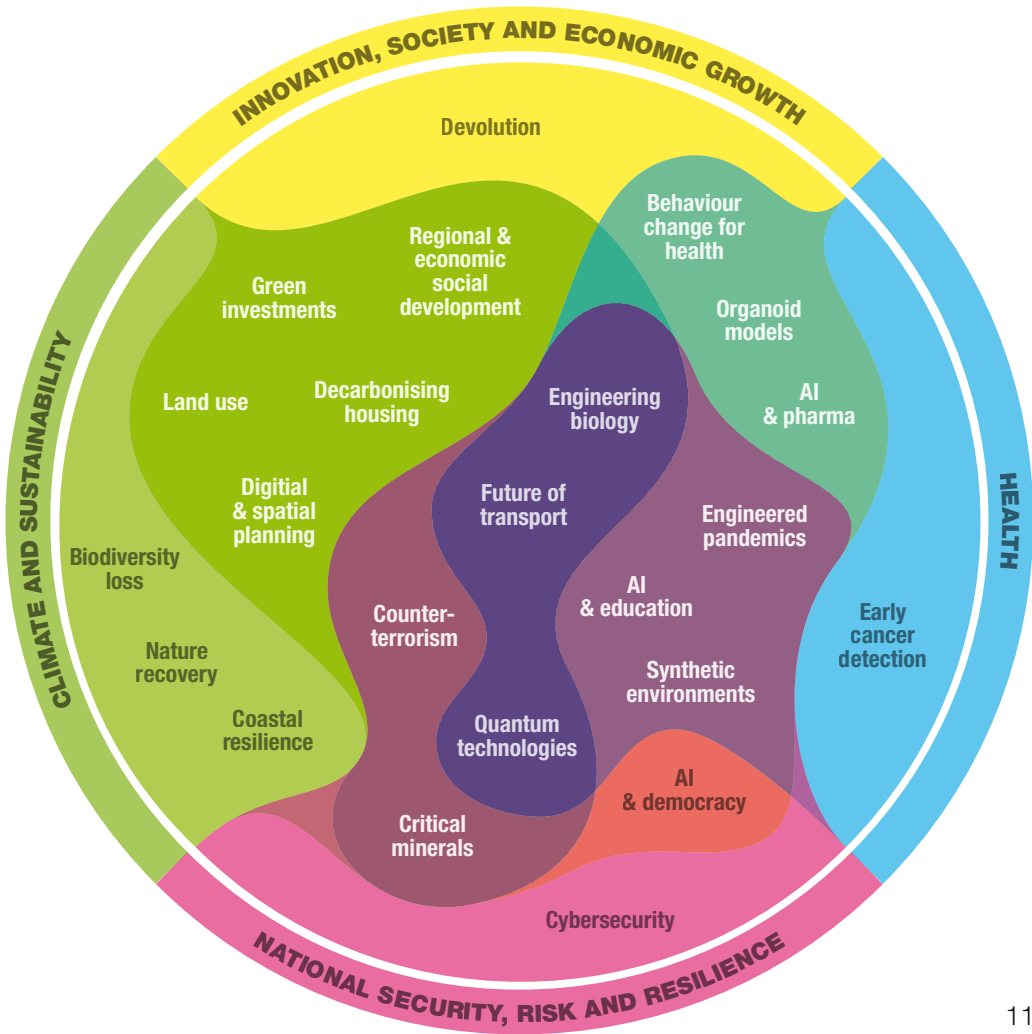
Dr Dave Smith
Government National Technology Adviser

Lord Patrick Vallance
Minister for Science, Department for Science, Innovation and Technology



Themes

CSaP brings interdisciplinary expertise together with policy makers in a safe space to explore pressing policy challenges.



Our activities this year have focussed on climate and sustainability; innovation, society and economic growth; national security, risk and resilience; and health.

“In addition to the very focussed one-to-one meetings that were part of my Fellowship schedule, I was invited to various roundtable discussions on climate and sustainability, which have been really helpful in terms of building my own personal network of useful contacts.”

Rachel Fisher

Deputy Director, Land Use Policy
Defra

“A series of roundtables with CSaP resulted in the development of a number of research challenges which have since been distributed across UK academia for further research.”

Inspector Liam Cahill

Innovation Domain Lead
Counter Terrorism Research Lab
Metropolitan Police

Climate and sustainability

Addressing the complex challenges posed by climate change requires an understanding of how they will impact on the economy, and how economic interventions might be used in generating solutions. This year, our network has helped to inform policy topics such as: *maritime decarbonisation; retrofitting to decarbonise housing; supporting green investment; and nature recovery.*

National security, risk and resilience

Crime, terrorism and conflict continue to evolve, blurring the boundaries between policing, resilience, defence and security. CSaP Policy Fellows and Workshops have addressed different aspects of national security in the past year, including: *radicalisation; synthetic environments; cyber security; and terrorist threats.*

Health

Public health and life sciences are interconnected fields which address the complexities of human health and disease. The Covid-19 pandemic underscored the importance of embedding experts on these topics within government. This year, we convened policy makers and researchers to discuss: *the translation of AI innovation between universities and the pharmaceutical industry; early cancer detection, prevention, and intervention; the governance of stem cell-based embryo models; and behaviour change for health.*

Innovation, society and economic growth

Economic and societal issues are deeply intertwined, producing a complex policy landscape in which growth, stability, and well-being are pursued. This year we have utilised the expertise in our network to explore topics such as: *AI and democracy; synthetic and engineering biology; and regional and economic social development.*

“The CSaP team were able to reach into their network to connect us with relevant, and sometimes previously unknown stakeholders who went on to have a big impact on our thinking.”

Christina Rozeik

Programme Manager
Cambridge Reproduction

“Access to CSaP’s network has been really valuable. The people I have met through my visits to Cambridge have provided me with names of people I can call on if ever I need to.”

Dr Isabel Webb

Deputy Director
Technology Strategy and Security
DSIT



Professional Development

Making the transition from researcher to science adviser

CSaP's Professional Development activities provide opportunities for early- and mid-career researchers and civil servants to hear from policy professionals and academic experts on how scientific evidence has the potential to inform policy decisions.

Our workshops share and inspire good practice for evidence-informed policy making. Talks highlight the value of building links between evidence, expertise and decision makers in government.

This year we have organised and delivered workshops and talks to 400 researchers across a range of disciplines at the University of Cambridge, as well as a one-day event for junior civil servants in the Government Science and Engineering Fast Stream.

We have also worked in collaboration with Cambridge Advance Online to deliver an online course for policy professionals, primarily from the public sector, on 'Evidence Analysis and Decision-Making in Policy'.

Internships

CSaP offers policy internships to PhD students who would like to gain experience and learn more about the relationship between research, evidence and policy making.

Internships are for three months full-time, and offer students a unique career development opportunity, giving them the necessary skills and confidence to work outside their own area of expertise and as part of a team.

We recruited four policy interns this year, from the University of Oxford, the Technical University of Munich, the British Antarctic Survey in Cambridge, and an Erasmus-funded student from the University of Lund.

GET IN TOUCH

If you'd like to learn more about careers in policy, we can help you.

Email us at
professionaldevelopment@
csap.cam.ac.uk



“Doing a policy internship gives you new perspectives that you can then take forward in your academic career to influence policy. There are only good things that you can learn from an experience like this.”

Joséphine Anselin
*PhD student in Applied Mathematics
and Physical Oceanography
British Antarctic Survey*

Policy Fellows elected 2022-2024

UK CIVIL SERVICE

Cabinet Office

Alex Bartram, Principal Private Secretary to the Civil Service Chief Operating Officer and Cabinet Office Permanent Secretary

Amanda Dahl, Deputy Director, Digital Service Platforms, Government Digital Service

Srishti Krishnamoorthy-Cavell, Head of Cyber Solutions, Government Security Group

Joe Young, Senior Policy Advisor and Team Leader, International Economic Policy Team

Department for Business and Trade

Marietta Angeli, Head of Technical Barriers to Trade

Francesca Gauntlett, Head of Research, Evidence and Dissemination, Office for Product Safety and Standards

Fergus Harradence, Deputy Director, Infrastructure, Construction & Rail

Tony Thomas, Deputy Director, Product Safety Policy

Department for Education

Emma Davies, Deputy Director, Advanced British Standard

Frances Oram, Portfolio Director, Children's Social Care Reform

Department for Energy Security and Net Zero

Henry Booth, Head of Strategic Security and Operations, International Energy Unit, DESNZ-FCDO

Louise Hazeland, Head of Science Capability and Strategy, Chief Scientific Adviser's Office

Sulaiman Ilyas-Jarrett, Head of Policy and Strategy, Renewable Delivery

Rhian Rees-Owen, International Climate Science Lead - IPCC

Emily Revess, Deputy Director, Energy Resilience

Jack Witt, Senior Policy Adviser, Energy Retail Market Reform

Department for Environment, Food and Rural Affairs

Paul Edmunton, Head of Food Strategy, Security and Strategic Partnerships

Tom George, Head of Food Security, Domestic Production and Trade Team

Steve Gibson, Head of Policy and Outcomes, Natural Capital and Ecosystem Assessment Programme

Simon James, Deputy Director, Joint Air Quality Unit

Department of Health and Social Care

Iain Carter, Special Adviser and Chief of Staff to the Secretary of State

Paul Macnaught, Director, Ministers, Accountability and Strategy

Emma Pacey, Policy Lead for Inclusion Health, Office for Health Improvement and Disparities

Kathy Smethurst, Deputy Director, Mental Health

Department for International Trade

Stephanie Ashmore, Director, Trade and Investment, Taiwan

Department for Science, Innovation and Technology

Rebecca Jones, Head of Cancer Ageing and Digital Pathology, Office for Life Sciences (DSIT/DHSC)

Alison Kilburn, Director of Analysis

Tom Newby, Head of the Office for Quantum Technologies

Department for Transport

Rupert Furness, Deputy Director, Highways, Active Travel and Strategy

Foreign, Commonwealth & Development Office

Dan Chugg, Director, Northeast Asia and China

Fergus Cumming, Deputy Chief Economist

Rob Harrison, Director

Michael Harvey, Counsellor, Financial and Professional Services, British Embassy, Beijing

Judith Herbertson, Head of Girls' Education

Ronit Praver, Director, Eastern USA, Science and Innovation Network

Keren Shurkin, Tech Hub Director, British Embassy, Israel

Anna Workman, Deputy Director, FCDO Covid-19 Inquiry Unit

Government Office for Science

Edward Coombs, Policy Lead, R&D Strategy and Capability

Jo Foreman & Sarah Steiner, Head of Science Networks, Systems and Capability (Jobshare)

HM Treasury

John O'Regan, Deputy Director, International Policy and Partnerships, Financial Services Group

Home Office

Oliver Harrison, Private Secretary to the Home Secretary

Frances King, Deputy Director, Fire Resilience and Major Events

Michael Stewart, Director, Prevent, Homeland Security Group

Duncan Tessier, Director, Economic Crime

Emily Weighill, Director, Strategy

Ministry of Defence

Thomas Whelan, Team Leader, Strategic Business Intelligence

Ministry of Housing, Communities & Local Government

Adele Maher, Head of Planning Transformation

Anita Shah, Deputy Director, Enforcement Strategy, Safer Greener Buildings

Camilla Sheldon, Deputy Director, Built Environment, Regulatory Reform, Legislation and Regulators

Ministry of Justice

Beatriz Brown, Policy Lead, Strategic Litigation Against Public Participation

Rosalind Goodfellow, Deputy Director, Strategy and Innovation

Office of the Secretary of State for Scotland

Tiffany Perry, Senior Policy Advisor, Constitutional Policy

OTHER UK NON-MINISTERIAL DEPARTMENTS, AGENCIES, PUBLIC BODIES ETC

Adrian Baker, Research Lead, Innovation, Research, and Life Sciences Group and the Accelerated Access Collaborative, NHS England

Carolyn Bartlett, Chief Strategy and Transformation Officer, Valuation Office Agency

Richard Gleave, Director, Science Strategy and Development, UKHSA

Matthew Pritchard, Head of Strategy, UK Civil Service

Jamie Turner, Deputy Director, Performance, UKHSA

UK LOCAL AND REGIONAL GOVERNMENT

Robert Morgan, Head of Sustainable Development, Welsh Government

Damian Nussbaum, Executive Director of Innovation and Growth, City of London Corporation

Mark Roberts, Chief Executive, Environmental Standards Scotland

UK THINK TANKS AND CIVIL SOCIETY

Owen Bowden-Jones, Chair, Advisory Council on the Misuse of Drugs

June Brawner, Senior Policy Adviser, The Royal Society

Nathan Elstub, Chief Investment Officer, Nesta

Tina Harris, Manager, Governance Remuneration and Controls, Prudential Policy Directorate, Prudential Regulation Authority, Bank of England

Kanya Manoj, Manager, SRHR Choices, Children's Investment Fund Foundation

Chloe Ramirez Nemo, Senior Analyst, Climate Change Committee

Luke Reynolds, Head of Policy, People and Planet, The Royal Society

INDUSTRY AND CORPORATE

James Caldecourt, Head of International Trade, Deloitte LLP

Carl Dawson, Chair, Construct Education

Jon Garvie, Practice Lead, International Policy, Global Counsel

Barry Varcoe, Global Director, Real Estate & Facilities, Open Society Foundations

INTERNATIONAL PUBLIC SECTOR AND THINK TANKS

Christoph Baumann, Envoy for Sustainable Finance, Swiss Federal Department of Finance

Governance

CONTINUING FELLOWS

Vanna Aldin
*Deputy Director, Lead Analyst
Business Strategy, and Co-Chief
Economist, DWP*

Beatrice Andrews
*Deputy Director, Cities & Local
Growth Unit, MHCLG*

Fraser Battye
*Head of Policy, The Strategy Unit
(NHS)*

Deborah Bronnert
Director General, Europe, FCDO

Stephen Elderkin
*Director of Environmental
Sustainability, Highways England*

Joseph Goncalves Metcalf
*Senior Adviser to the Chief External
and Corporate Affairs Officer,
Vodafone*

Adam Heathfield
*Senior Director, Patient and Health
Impact, Pfizer*

Emma Hennessey
*Head of Scholarships Unit,
Education, Gender and Equality
Directorate, FCDO*

Bill Hodson
*Consulting Director,
Cambridge Consultants*

Andrew Limb
*Assistant Chief Executive,
Cambridge City Council*

Graham Pendlebury
*Former Director, Local Transport,
DfT*

Mohib Rahman
*Deputy Director, Economic
Statecraft, MOD*

Simon Strickland
*Senior Adviser on Strategy,
International Economic Unit,
Cabinet Office*

Elizabeth Surkovic
*Head of Policy, Resilience and
Emerging Technologies,
The Royal Society*

Peter Watkins
Associate Fellow, Chatham House

Benito Wheatley, *Special Envoy,
British Virgin Islands Government*

Emma Woods, *Director of Policy,
Natural History Museum*

Members of the Policy Leaders Fellowship at 31 July 2024

The Policy Leaders Fellowship is chaired by Professor Dame Sally Davies, Master of Trinity College, Cambridge

Susan Acland-Hood
Permanent Secretary, DfE

Jenny Bates
*Director General, Economics,
Climate and Global Issues, FCDO*

Alan Clamp
*Chief Executive Officer, Professional
Standards Authority for Health and
Social Care*

Tamara Finkelstein
Permanent Secretary, Defra

Ali Griffin
Chief Executive, London Councils

David Hill
Director General, Environment, Defra

Julia Kinniburgh
Director General, Skills, DfE

Paul Lincoln
Second Permanent Secretary, MOD

Angela McLean
*Government Chief Scientific Adviser,
GO Science*

Sarah Munby
Permanent Secretary, DSIT

Colm O'Reardon
*Secretary General, Department of
Further and Higher Education,
Research, Innovation and Science,
Government of Ireland*

Alison Pritchard
*Deputy National Statistician &
Director General, Data Capability,
ONS*

Ben Rimmington
*Director General, Net Zero Buildings
and Industry, DESNZ*

Jennifer Rubin
*Chief Scientific Adviser and Director
General, Science, Technology
Analysis and Research (STAR),
Home Office*

Jo Shanmugalingam
Second Permanent Secretary, DfT

Rebecca Sheeran
Executive Director, NAO

Catherine Vaughan
Director General, Finance, DWP

Lindsey Whyte
*Director General, International
Finance, HM Treasury*

Management Committee Members at 31 July 2024

CSaP's Management Committee was established by the University of Cambridge's General Board in 2015 to oversee CSaP's strategy and activities.

Professor John Dennis (*Chair*)
Professor of Chemical Reaction
Engineering, University of
Cambridge

Professor Catherine Barnard
Professor of European and
Employment Law, Faculty of Law,
University of Cambridge

**Professor Sarah-Jayne
Blakemore**
Professor of Psychology and
Cognitive Neuroscience,
University of Cambridge

Professor Gishan Dissanaikie
Interim Dean, Cambridge Judge
Business School; Adam Smith
Professor of Corporate
Governance

Dr Robert Doubleday (*Secretary*)
Executive Director, CSaP

Professor Bhaskar Vira
Professor of Political Economy;
Pro-Vice-Chancellor for Education,
University of Cambridge

Advisory Council Members at 31 July 2024

CSaP's Advisory Council meets twice a year to advise on CSaP's strategy and activities.

Sir Richard Heaton (*Chair*)
Warden, Robinson College
Cambridge

Stephen Aldridge
Director for Analysis and Data,
MHCLG

Professor Dame Diane Coyle
Bennett Professor of Public Policy,
University of Cambridge

**Professor Anne Ferguson-
Smith**
Executive Chair, BBSRC

Tamara Finkelstein
Permanent Secretary, Defra

Professor Sheila Jasanoff
Pforzheimer Professor of Science
and Technology Studies,
Harvard Kennedy School

Professor Neil Lawrence
DeepMind Professor of Machine
Learning, Department of
Computer Science, University of
Cambridge

Baroness Sally Morgan
(*Vice Chair*)
Master, Fitzwilliam College
Cambridge

Lord James O'Shaughnessy
House of Lords

Professor Sharon Peacock
Professor of Public Health
and Microbiology, University of
Cambridge

Dr Wolfgang Rohe
Executive Chair, Mercator
Foundation

Jonathan Slater
Visiting Professor, Policy Institute,
King's College London

Alex van Someren
Chief Scientific Adviser
for National Security

**Professor Dame Sarah
Whatmore**
Professor of Environment and
Public Policy, University of Oxford

CSaP Team

Rebecca Brodie
Policy Fellowships Coordinator

Nicky Buckley
Director for Fellowships and Networks

Nick Cosstick
Policy Researcher

Rob Doubleday
Executive Director

Su Ford
Centre Coordinator

Meg Groom
Policy Engagement Themes Coordinator

Philip Guildford
Director for Strategy and Operations

Samuel Houlberg
Policy Fellowships Coordinator

Tatiana Iakovleva
Associate Director for Engagement

Lauren Milden
Senior Policy Coordinator

Kavya Neeba
Policy Engagement Network Coordinator

Christian Neubacher
Policy Engagement Planning Coordinator

Magda Osman
Head of Research and Analysis

Jackie Ouchikh
Head of Programmes

Erica Pramauro
Policy Fellowships Manager

Charlotte Sausman
Associate Director for Policy Fellowships

Laura Sayer
Events Coordinator

Carmen Smith
Engagement Coordinator

Hannah Williams
Events Coordinator



CSaP would like to thank all those who have supported our activities throughout the year. We are also grateful to the University of Cambridge for its contribution from Research England's Higher Education Innovation Fund (HEIF) and Policy Support Fund; and to the Horn and Dowling Policy Fellowship programmes for their philanthropic donations.

“The more I have engaged with CSaP, the more I passionately believe that you cannot develop great policy unless you are getting diverse experiences, testing your approaches, and exposing yourself to new ideas and innovation.”

Cat Little
*Chief Operating Officer
for the Civil Service, and Permanent
Secretary to the Cabinet Office*

CSaP

centre for
science
and policy

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