

Keble Research

Report 2020-22

Introduction

This report summarises the research activities supported by Keble College's Research Committee in two academic years 2020-21 and 2021-22. During this period the level of activity was severely compromised by the Covid-19 pandemic. Not only was it difficult for research visitors to come to Oxford, but there were real constraints on organising the kind of in-person activities we would normally want to hold. The showpiece conference, on Air Quality, had to be cancelled for example.

Nonetheless, there were a number of events, visitors and research associates. The College has dedicated funding of up to £100,000 a year to support the research activities of its Fellows and, in particular, to encourage innovative and inter-disciplinary exchanges. Oxford colleges are the ideal environments in which to cultivate the flow of ideas across often long-established academic boundaries.

We support research through three main schemes or programmes:

- Senior Research Visitors (and Collaborating Research Scholars), who are academics of high standing, generally from outside the UK. They may visit for periods of up to six weeks (occasionally longer), receiving free accommodation and dining rights as members of the Senior Common Room.
- Research Associates, who are generally post-doctoral researchers at the University who
 would not otherwise have a college association. Associates may be nominated as members
 of the Senior Common room for up to three years.
- Small Research Grants, sums of around £2000 (sometimes more) to support Fellows in their research activities, for example organising conferences and symposia or helping complete a book project with editorial assistance.

There is also the option of bundling together nominations for Research Visitors, Research Associates and applications for research grants into coherent Projects which may develop a theme or collaboration over periods longer than just a single year.

In 2020-22 we also hosted our first Visiting Fellows under a new arrangement designed to enable distinguished individuals from various backgrounds, not just academic, to spend extended time in the College and join the community.

The allocation of research support is agreed by Governing Body on the recommendations of its Research Committee, chaired by the Sub-Warden, Professor Stephen Faulkner.

We try as far as possible to support research activities that will include or benefit our graduate community, as part of the College's programme of events designed to enable graduates to reach outside their disciplinary boundaries. This programme is coordinated by the Academic Director of the H B Allen Centre, Dr Ian Archer.

Small Research Grants

Small Research Grants were made to the following:

Fellow	Purpose	
Matt Bevis	Poet's Essay (£2700) an interdisciplinary seminar series that has been running at Keble since 2016, led by the internationally-renowned writer and psychoanalyst, Adam Phillips.	
Felix Leach	3 rd annual Oxford Air Quality Conference (£6112)	
Diane Purkiss	Magic and Sense of Place, conference (£1500)	
Rose Sawyer	wyer To complete the manuscript for a monograph titled <i>The Changeling in</i>	
	Medieval Culture, with Boydell and Brewer (£2000)	
Matt Bevis	Poet's Essay (£2850) 8 th series	
Chris Gosden	Research assistance on a book entitled Humans: the first seven million	
	years, a history of the world from earliest human ancestry to the present to	
	eb published by with Viking, Penguin. The book is aimed at a broad	
	audience and it will contain a good survey of the latest archaeology on	
	human origins, issues such as the start of farming, the origin of cities, the	
	development of states, as well as an archaeological approach to the current	
	world.	

Reports on Research Grants

Animal research at the POLEs: Exploring the limits of the Animals in Scientific Procedures Act (January 2019-July 2021)

Organised by Dr Beth Greenhough, Tutorial Fellow in Geography

The proposed project sought to complement research undertaken by Dr Beth Greenhough and collaborators on the past, present and future of laboratory animal welfare in the UK. This research is primarily funded by the Wellcome Trust (2017-2022) as part of a collaborative grant titled 'The Animal Research Nexus (AnNex): Changing Constitutions of Science, Health and Welfare' (http://animalresearchnexus.org).

The award consisted of 3 main elements:

1) A stakeholder workshop in Michaelmas 2019 on Animal research at the POLEs: Exploring the limits of the Animals in Scientific Procedures Act

This workshop took place between 30 Sept-1 Oct 2019 and involved 14 external attendees alongside the 3 members from Keble/the Annex project. The workshop features a public plenary lecture from Julie Lane from the National Wildlife Management Centre (APHA) and 3 panels on animal research in zoos, in the wild and in veterinary clinics. The event was very well received by all involved, and resulted in a co-authored position paper outlining some of the key issue highlighted through the events discussions: Palmer, A.; Greenhough, B.; Hobson-West, P.; Message, R.; Aegerter, J.N.; Belshaw, Z.; Dennison, N.; Dickey, R.; Lane, J.; Lorimer, J.; Millar, K.; Newman, C.; Pullen, K.; Reynolds, S.J.; Wells, D.J.; Witt, M.J.; Wolfensohn, S. Animal Research beyond the Laboratory: Report from a Workshop on Places Other than Licensed Establishments (POLEs) in the UK. Animals 2020, 10, 1868. https://doi.org/10.3390/ani10101868

See also a Blog post reporting on the event: https://animalresearchnexus.org/blogs/out-lab-field.

We also hosted a follow-on panel discussion with the Oxford Museum of Natural History as part of the ESRC festival of Social Sciences on the 6th of November, 2019, which explored regulation in wildlife citizen science.

2) We hosted the October 2020 meeting of the British Animal Studies Network (BASN) on the theme of Animal Borderlands.

Due to the Covid-19 pandemic we had to move this event online – the first time this meeting had been held online. The event was very attended and received, and the online format allowed us to open up discussions to a wider range of scholars from outside the UK.

Details and recording from the event are available here: (https://www.britishanimalstudiesnetwork.org.uk/PastMeetings/AnimalBorderlands.aspx

https://www.animalresearchnexus.org/blogs/animal-borderlands

3) Collaborating Research Visitors and Research Associates

As a part of this project we had hoped to host Dr Vanessa Ashall from the University of Nottingham as a Collaborating Research Scholar. Due to ill health, and then Dr Ashall subsequently leaving the AnNex research programme, we were unable to complete this part of the project, and repurposed some of these funds to support the online BASN meeting (see 2 above).

We nominated Dr Reuben Message and Dr Alexandra Palmer to jointly hold a Research Associate position. Both worked on the AnNex project with Dr Greenhough and both helped with the organisation of the two events supported by this award, as well as participating in a number of smaller events at College including an MCR event (19th November 2019) which encouraged Keble post-docs to share their experience of securing a post-doc position.



Organised by Dr Felix Leach, Tutorial Fellow in Engineering Science



Thanks to Research Committee's support, I held the second Oxford Air Quality Meeting on 15 January 2021. Inevitably, the event was very different to that which I had planned (and applied for) a year ago, but nevertheless went ahead – hosted on MS "Teams Live". Thanks to support I was able to secure from NERC (as well as not needing to buy lunch for all the attendees!), I am pleased that the event will not cost this grant anything at all. Nevertheless, I am very grateful for the support of RC and Keble in underwriting the meeting, which enabled me to commit to speakers etc. and reorganise through the challenges of the pandemic, without having to worry about whether the event could happen at all.

The event's aim was to repeat the success of the 2020 meeting and host a meeting bringing together the experts in air quality measurement, emissions formation, health impacts of air pollution, and air quality policy and to encourage them to interact and network. The event was free of cost to participants. Further details are given in the sub-sections below, but suffice it to say that the event:

- Attracted more attendees than the 2020 meeting,
- had 13 high-quality and high-profile speakers,
- attracted a more diverse selection of speakers including from the global-south and schools,
- received overwhelmingly positive feedback,
- was attended by members of the Keble community,
- was live-tweeted (@OxfordAQM),
- was a great success!

In part because of the online nature of the event, a more international audience was able to join – exceeding last year's numbers with attendees and speakers from Europe, North America, and Africa.

Keble was an excellent venue to host the event. Given the diverse nature of the attendees having the "neutral territory" of a college, rather than a department, was extremely important. As a result interaction between otherwise siloed communities took place. As noted above, it was particularly pleasing to see members of the Keble Community attend the meeting. I am particularly grateful to Dr Archer for publicising the event to the MCR.

Agenda

The final agenda is attached to the end of this report. As you will see the event attracted 13 high profile speakers, from three continents, including from Public Health England (even in a pandemic!),

industry, academia, policy makers, and schools.

All of the presentations have been archived on a dedicated website (https://www.oaqm.org/2021-conference) to enable those not attending the meeting to see what was said, those presentations to be referenced, and to encourage delegates to look back at the meeting. It also provides a resource worldwide for those interested in Air Quality.

I am incredibly grateful to a number of people without whom the Oxford Air Quality Meeting could not have happened:

• Senan, Sinead, Nick, and all of the conference team in navigating the pandemic and the

booking

- The organising committee
- Research Committee, for its support from the outset

Oxford Air Quality Meeting: Programme

12:30 - Welcome & Housekeeping

12:35 - Opening Keynote: Prof. Jacqueline McGlade (Strathmore University, Kenya)

Session 1 – Air Quality and Measurement [Chair: Kayla Schulte, Department of Sociology, University of Oxford]

13:15 - Chris Large (Global Action Plan): 'The Clean Air Movement in 2021 – Our Opportunities and Challenges'

13:30 – Tony Bush (Apertum): 'Preparatory data analysis methods for low cost sensor networks: the OxAria project quantifying the impacts COVID-19 restrictions on air quality in Oxford'

13:45 - Karen Exley (Public Health England): 'Outdoor and indoor air pollution – vulnerable groups and health inequalities'

14:00 – Panel discussion and Q&A with the three speakers

Session 2 – Emissions formation & dispersion [Chair: Felix Leach, Department of Engineering Science, University of Oxford]

14:15 - Nick Molden (Emissions Analytics): 'Why air quality policy needs to increase focus on ultrafine particles and volatile

organic compounds from vehicles'

14:30 – Daisy Thomas (3DATX Corporation): 'Covid-19 and air pollution: A case study of a London street'

14:45 - Chris Morgan (Johnson Matthey): 'Catalyst and vehicle trends to meet the next generation of emissions legislation'

15:00 – Panel discussion and Q&A with the three speakers

Session 3 – Air quality measurement & policy [Chair: Mai Jarvis, Environmental Quality Team Manager, Oxford City Council]

15:30 – Gavin Jackman (Aimsun): "Air-conditioning for roads" - the NEVFMA project

15:45 - Matt Darst (Conduent Transportation): 'Kerbside Congestion Strategies'

16:00 - Anant Jani (Oxford Martin School, University of Oxford): 'An IoT approach to characterising biodiversity of green spaces'

16:15 - Panel discussion and Q&A with the three speakers

Session 4 – Engagement & Communication [Chair: Suzanne Bartington, Institute of Applied Health Research, University of Birmingham]

16:30 - Jeremy Thomas (Abingdon School): 'The Schools Clean Air Monitoring Project in Abingdon (SCAMPA)'

16:45 - Nwabueze Emekwuru (Coventry University): 'Building undergraduate students' capacity for air quality science using device design projects'

17:00 – Kayla Schulte (University of Oxford): 'The OxAir 'Competency Group': A case study in participatory air quality monitoring'

17:15 – Panel discussion and Q&A with the three speakers

Organised by Professor Diane Purkiss, Tutorial Fellow in English Literature

The multidisciplinary online conference will bring together personnel from the heritage industry and the museum industry with a multidisciplinary group of academics from folklore studies, history, archaeology, and literature, and a creative group of writers and artists, to discuss the relationship between place/location and magic.

This builds on my longstanding research interests in magic, witchcraft and fairies, expanding a more recent focus on specificities of place in particular witchcraft cases.

The conference will build on the work of a smaller symposium conducted on Zoom in December 2020. This was led and organised by me in association with English Heritage, and supported by a small KE Seed Fund grant. Many of the proceedings are being published in a special issue of the journal *Preternature*, with publication scheduled for the autumn of this year. This will be edited and introduced by me.

The earlier symposium illustrated a surprising degree of unanimity among academics and curators of heritage sites over the kinds of questions being asked about the reuse and re-imagination — and in some cases the violent reappropriation — of heritage sites, in particular ancient burial tombs as places for far-right politics. It was therefore decided that these questions could be further illuminated at a larger, follow-up event with a more international scope.

The proposed questions that the conference will address are:

- Who owns place, and who has a right to that place?
- What contested groups are stakeholders in considering access, and what kind of access is sought, and for what purpose?
- How far do ideas of magic and the supernatural enhance claims of ownership?
- How far do they derive from contestations of ownership?
- Can anyone have a right to magic?

These questions have become very urgent within the museum and heritage industries, and there has not been an international conference on the proposed scale on this subject before.

Programme

Keble College and University of Oxford, 14-16 July 2022

Day 1:

Opening Session

Ronald Hutton, 'How Sacred Are The Dead?'
Chris Gosden, 'Magic and Archaeology: the importance of place'

Who Owns This Place?

Neil Philip, "All that he owned": Alan Garner and the sentient landscape'
Andrew Sneddon, 'Creative, Digital Public History and Intangible Cultural Heritage: The Islandmagee
Witches Project, part 2'

Michael Ostling, 'Evicting the Landlords: Or "Spirits and the Spirit of Capitalism" Revisited'

The New World

Andrew Chesnut, 'Holy Death in Times of Pestilence: Santa Muerte, the Newest Plague Saint'
Dan Kline, 'The Re-education of a Medievalist and Toward a Place-based Medievalism: Indigeneity,
Pedagogy, and Place in the North Pacific Rim'

Will Badger, 'Metallurgy and Magic at the World-Margin: Joachim Gans and the Roanoke Colony'

Day 2

Making a Place

Caroline Tully, 'Cosmothonia, henges and wildercharms: the magical earth-sky-love-body in Feraferia'

Sabina Magliocco, 'Crafting Enchantment: Fairy Gardens and Emplacement in North America' Tamsyn Muir, novelist

Between

Gwendolyne Knight, 'Sámi "Magic" Between Primary and Secondary Worlds'

Sophie Page, 'Magic and Living things in Medieval Europe: Extinct, Everyday and Extraordinary Creatures'

Karen Mahony and Alex Ukolov, tarot designers, 'Omens and the sense of place in divination and cartomancy'

Getting Lost

Alexandra Paddock and Diane Purkiss, 'Sinking into a place: bog bodies, Grendel, and the Green Chapel'

Steve Gladwin, "The woods are lovely, dark and deep": An Encounter in Time, Story, and Duality' Flora McLachlan, artist

Day 3:

Urban

Alice Huxley, 'Before Barrie: Eighteenth-Century Fairies in Kensington Garden' Todd Borlik, 'Malaria and Maleficium in *The Witch of Edmonton'* Amy Blakemore, novelist Ellen Kushner, writer

Rome

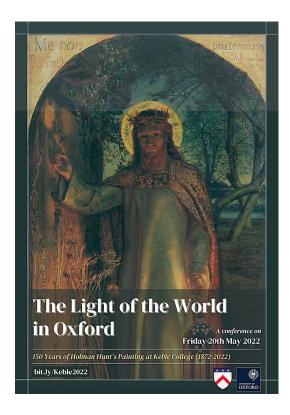
Maria Dahvana Headley, novelist and translator, 'Undoing Vergil's Aeneid' Laura Glover, 'The restless dead of ancient Rome' Delia Sherman, writer

Placing the dead

Finale: Nancy Caciola, 'Learning from Folk Horror'

Concluding roundtable session

Organised by Professor Markus Bockmuehl, Dean Ireland's Professor



Holman Hunt's The Light of the World is among the most influential religious works of art in existence and the single most widely exhibited work of art in history. It was seen by seven million people on a global tour in 1905-1907, which had a lasting effect on Christian culture and imagination internationally. Even today, the image remains instantly recognisable and familiar to many around the world.

The painting combines an arresting aesthetic with a direct spiritual appeal, at once immediate and yet mysterious. In its powerful visual exposition of a single verse of Scripture (Rev. 3:20), it draws the viewer in with its focus on the figure of Christ as at once powerful presence and humble petitioner, majestic and yet intimate and intensely personal. This encounter is seen to occur within a strikingly luminous appreciation of the natural world (or what we might today call the Environment), addressing its sustaining fertile lushness as well as its autumnal decay and sometimes parasitic recalcitrance.

Held in May 2022 and celebrating the 150th anniversary of its donation to Keble College, Oxford, the conference considered the history and interpretation of the painting while also asking what continued meaning it holds today.

The Light of the World in Oxford

150 Years of Holman Hunt's Painting at Keble College (1872-2022)

A Conference on Friday 20 May 2022

Programme

All sessions at H B Allen Centre, Keble College, 25 Banbury Road, Oxford OX2 6NN

09:00 Welcome

Sir Jonathan Phillips Warden of Keble College, Oxford

Session 1 Chair: Mark Chapman, Ripon College Cuddesdon

09:15 Holman Hunt the Painter

Frances Knight University of Nottingham

10:00 The Light of the World on Tour Ian Archer Keble College, Oxford

10:45 Coffee

Session 2 Chair: David Downs, Keble College

11:15 The Life and Times of the Light of the World

George Westhaver Principal of Pusey House, Oxford

12:00 The Light of the World: A Theological Interpretation

Jeremy Begbie Duke University

12:45 Lunch

Session 3

Special Exhibition on The Light of the World in Keble Chapel

14:15 The Light of the World and the Christology of Christina Rossetti

Rebekah Lamb University of St Andrews

15:00 Postcolonialism and Ways of Seeing the Light of the World

Renie Choy St Mellitus College, London

15:45 Tea

Session 4 Chair: Markus Bockmuehl, Keble College

16:15 Revelation 3.20 Through the Ages

Jamie Davies Trinity College Bristol

17:00 Seeing God and Iconography

John Behr University of Aberdeen

17:45 Close

Rev. 12.05.2022

Chair: Christine Joynes, Regent's Park College

Organised by Professor Matt Bevis, Tutorial Fellow in English Literature



The Poet's Essay is a very successful interdisciplinary seminar series that has been running at Keble since 2016. It is convened by me and led by the internationally-renowned writer and psychoanalyst, Adam Phillips.

Each seminar lasts around one and a half to two hours. The series is free and open to all who wish to attend from inside and outside the university. It is widely advertised on Twitter, Facebook, as well as through University and NHS mailing lists. There are no sign-up lists or reserved places, although there is a small amount of required reading in advance of each seminar. The series focuses primarily on American poetry of the twentieth century. A few weeks before each seminar, a handout is made available via a downloadable link on the Keble website (this material is carefully selected and discussed in advance by both Phillips and myself). At the seminar Phillips introduces the material (usually through an informal lecture for the first 40 minutes), before then leading discussion.

The wide-ranging, interdisciplinary nature of the seminars benefits from—and helps to encourage—a growing interest in the relations between poetry and various forms of therapy. Discussion often reaches across traditional boundaries (literature, history, psychology, and philosophy) as well as building on recent discussions in the medical humanities. Seminars are attended not only by university staff and students from many different Faculties, but also by health professionals working in the NHS and private practice.

The website for the series is: http://www.keble.ox.ac.uk/the-poets-essay

Senior Research Visitor: Professor Rachel Barney



Professor Rachel Barney (Department of Classics and Philosophy, University of Toronto) came to Keble as a Senior Research visitor in May-June 2022 during which time she delivered the biennial Nellie Wallace Lectures, which are shared between the Faculty of Classics and the Faculty of Philosophy. The lecturers and seminars are designed to enable scholars from outside the University to visit Oxford in order to lecture and conduct seminars in a subject in the field of Literae Humaniores (that is, ancient philosophy, ancient history, and the Greek and Roman languages and literatures).

Professor Barney's series was entitled *The Just Society and its Enemies: Rereading Plato's Republic in 2022*:

Abstract

Since the publication of Karl Popper's *The Open Society and its Enemies* in 1945, Plato's political ideas in the *Republic* have generally been shunned with distaste. These lectures will make a case for the permanent value of the *Republic* as a work of political theory. While it has detailed and highly pertinent arguments to make about the requirements for a just society, it is a book not so much about justice or politics itself as about the preconditions for both: about the features of human nature and society which make the problem of injustice universal, urgent, and -- just barely -- solvable.

Rachel was hosted by Professor Ursula Coope, Professorial Fellow in Ancient Philosophy

Senior Research Visitor: Professor Mikhail Feldman

Professor Mikhail Feldman is currently Professor of Mathematics at the University of Wisconsin-Madison, USA. He visited Keble in May and June 2022. He is a leading expert on nonlinear partial differential equations, free boundary problems, and related fundamental applications to various areas such as fluid mechanics, solid mechanics, kinetic theory, magnetohydrodynamics, numerical computation, geometric motions, water waves, biology, climate dynamics, among others. is planning to come along with his wife (who is also a mathematician) together so they will need a self-contained flat suited to a visiting academic with a partner during the period of their visit.

One of the objectives of his visit was to collaborate with Professor Gui-Qiang Chen on a joint research project on "Shock Reflection/Diffractions Problems and Related Nonlinear Partial Differential Equations", especially on the existence, uniqueness, stability, and structure of solutions of the shock reflection/diffraction problems, free boundary problems, and related nonlinear partial differential equations of mixed elliptic-hyperbolic type such as the Euler equations in the sciences.

During his visit he gave a Mathematics Research Short Course on Shock Reflection and Free Boundary Problems.

Visiting Fellow: Dr Rod Dacombe



Dr Rod Dacombe (King's College London) became Keble's first Visiting Fellow under a new programme launched in 2019. He is a Reader in Politics in the Department of Political Economy and Director of the Centre for British Politics and Government at KCL. Rod was a regular visitor to the College between April 2020 and April 2021, during which time he gave some undergraduate teaching, presented his new work at a public lecture, organised events and activities, and worked on a new research project on *Conspiracy theories and contemporary democracy*, the first systematic treatment of the importance of conspiracy theories to democratic theory. Short articles on this research can be found here: https://theconversation.com/profiles/rod-dacombe-1193455/articles

Rod also helped oragnsied a series of seimanrs and events in College, including 'In conversation' with Dr Rachel Clarke, NHS palliative care doctor and bestselling author https://www.youtube.com/watch?v=aBVMdcybqco

Visiting Fellow: Dr Sherine El-Taraboulsi McCarthy



Dr Sherine El-Taraboulsi McCarthy is currently Director of NatCen International where she is responsible for expanding the National Center for Social Research's global impact and setting the strategic direction of its international programme. She is an established research expert on humanitarian and development policy, conflict, security and evidence uptake, and has research experience in over 13 countries. More information can be found at her website: https://staraboulsi.co.uk/

From September 2021 to July 2022 Sherine was a Politics Visiting Fellow at Keble, leading a project on the political economy of global solidarity in the age of COVID-19. She organised two major panel discussions on this theme in partnership with the College and the National Center for Social Research.

The Politics of Global Solidarity: Global Narratives, Local Priorities

Calls for a global reset and a strengthening of global solidarity to address the socioeconomic and health costs of Covid-19 continue to be sounded, more recently as related to responding to the challenges of the climate crisis at COP26. Nevertheless, the stark realities of vaccine inequity and the severe and unequal societal and economic impacts of the pandemic in different parts of the world, especially for marginalized groups, paint a grim picture of global discord and disharmony. This manifests itself in the persistent global economic and health inequalities, ineffective policies and sometimes divisive programming by international actors, as well as toxic hyper-nationalism.

The panel discussion sought to address those questions by reflecting on the political economy of global solidarity in the age of Covid-19 and the nature and level of systemic change that is needed to support the development of resilient and more equal societies.

The panel, which was online, included contributions from:

William Chemaly, Global Protection Cluster Coordinator, a network of nongovernmental organizations (NGOs), international organizations and United Nations (UN) agencies, engaged in protection work in humanitarian crises including armed conflict, climate change related and natural disaster.

Tammam Aloudat, Managing Director of the Global Health Center in Geneva, and a Syrian medical doctor and humanitarian worker with twenty years of experience in humanitarian medicine, forced displacement, non-communicable diseases, access to medicines, and epidemic outbreaks.

Roundtable Discussion on Strengthening Gender-Inclusive Climate Action in Intersecting Crises

Women and men experience the impact of climate change in different ways and this is compounded by the political and socioeconomic impacts of conflict and displacement. While there is growing evidence on the intersecting crises of climate change, conflict and displacement, not enough is being done to understand gender-specific adaptation and mitigation strategies. Moreover, there has been limited engagement with the challenges faced by "immobile" communities – those who stay behind, either by choice or by circumstance, and the gendered dimensions of immobility. This roundtable discussion, a collaboration between Keble College at the University of Oxford, NatCen International at the National Centre for Social Research and the Weidenfeld-Hoffman Trust, discussed the opportunities and challenges of developing context-specific pathways towards strengthening gender-inclusive climate action within the context of intersecting crises in Africa.

The roundtable discussion addressed the following questions:

- 1. How can international engagement strengthen gender-inclusive climate action in intersecting crises?
- 2. What is nature of vulnerability for immobile populations? What is the state of gender-specific adaptation and mitigation strategies?
- 3. How can climate action be more intersectional and responsive to gender and other vulnerabilities?
- 4. How can complementarity between international and local be supported and where necessary, redefined?

Research Associates

New appointments in 2020-22:

Associate	Field	Working with:
Dr Yaron Ben-Ami	Mathematics	Professor Helen Byrne
Dr Holly Coombes	Zoology	Dr Sarah Knowles
Dr Ali Foroozandeh	Chemistry	Professor Stephen Fletcher
Dr Bernard Gowers	Medieval History	Dr Ali Rogers
Dr Henrik Gotfredson	Chemistry	Professor Harry Anderson
Dr Neil Martin	Theology	Dr David Downs
Dr Weston Struwe	Chemistry	Professor Stephen Fletcher
Dr Wenkai Xu	Statistics	Professor Gesine Reinert