

ANNUAL REPORT

2019–20



Nuffield
College
UNIVERSITY OF OXFORD



Even the ducks are social distancing.

We would like to thank Maxine Collett for collating content for this report and Sarah Milne Das for editing and proofreading.

Design and Project Management: H2 Associates (Cambridge) Limited

Photographs by: Fangqi Wen (front cover and page 7)

Gary Hamblin (inside cover)

Victoria Gierok (page 12, 21 and 24)

Caroline Kukura (page 18)

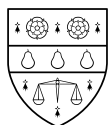
Luke Jackson (page 103)

Mark Webster, www.markwebsterphotographer.com (page 2, 4, 11, 38, 171, 180)

Sarah Caroline Jones (pages 33 and 166)

NUFFIELD COLLEGE ANNUAL REPORT

2019–20



Nuffield
College
UNIVERSITY OF OXFORD



CONTENTS

01 The Year in Brief

Warden's Introduction	6
Senior Tutor's Report	8
JCR Report	12
Bursar's Report	14
Endowment Office Report	16
Development and Alumni Relations Report	18
Library Report	22

02 Academic Overview

New Elections	26
Appointment of Leaving Fellows	28
New Students (including Visiting Students)	29
Graduating Students	31
Student Statistics	34

03 Research Overview

Centre for Experimental Social Sciences	40
Centre for Social Investigation	44
Nuffield Politics Research Centre	46
The Nuffield College Centre for Applied Macroeconomic Policy	49
Climate Econometrics	51
Leverhulme Centre for Demographic Science	53
Individual Fellows' Academic Reports	57
Student Research Activities and Publications	160

04 Activities, Events and Donations

Equality and Diversity in College	168
College Conferences and Seminars	172
Alumni Events List	176
Donors to Nuffield College	177

05 The College Record

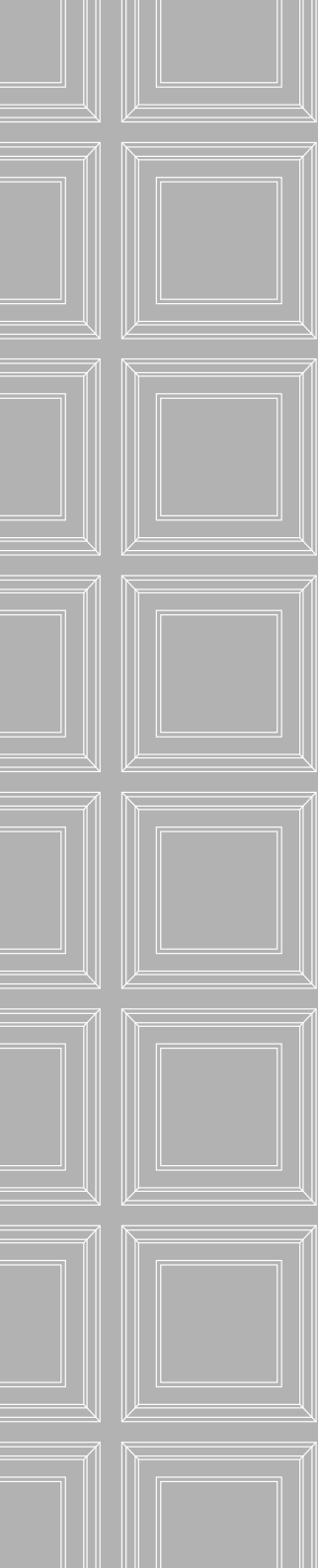
Governing Body	182
Research Fellows and Research Officers	183
Emeritus, Honorary, Visiting Fellows	186
Visitors	190
College Committees	192
College Officers	194
College Staff	195
Balance Sheet	200



PET-PLD

PLE-POR

POS-PRN



01

THE YEAR IN BRIEF

- 6 Warden's Introduction
- 8 Senior Tutor's Report
- 12 JCR Report
- 14 Bursar's Report
- 16 Endowment Office Report
- 18 Development and Alumni Relations Report
- 22 Library Report

WARDEN'S INTRODUCTION

This has been a remarkable year, most notably because of the COVID-19 pandemic which is referred to again and again in the pages that follow. The pandemic has meant that we have had to do many things differently, and some things not at all. Our response has relied on the enormous goodwill and ingenuity of the whole community and this has been given with great good humour and to good effect. The details of how our academic and non-academic lives have been adjusted appear elsewhere in the report, and are an encouraging story.

The thing I am most struck by, from a social science perspective, is the adaptability of this and many other communities. Understanding what has been done across the world will furnish huge scope for research, and has done already. In the very early days of the pandemic, the focus was rightly on medical and life science, but as time has gone on the importance of understanding the social scientific aspects of the pandemic – how and why people behave in certain ways; how to encourage particular behaviours; how wellbeing is affected by isolation and anxiety; how economies respond and which parts of them are hit hardest; how political attitudes affect behaviour and are affected by shocks such as this pandemic – have come to the fore. The huge importance of these questions and many more like them is clear and members of the College have been working hard to try to address them in ways that range from direct advice to Government to more traditional scholarly publication. This has been a period when the Founder's exhortation to work co-operatively as academics with non-academics, and to do work that addresses the social, political and economic challenges of the contemporary world rings in our ears.

As the prospects of effective vaccines improve, it now seems possible to begin to imagine a return to a more normal pattern of life here later in 2021. One of the things we have missed most has been seeing alumni in person, and we very much hope that in 2021 we will be able once more to meet up, and to reflect on this unusual year.

Andrew Dilnot

Warden



SENIOR TUTOR'S REPORT

By all accounts this past academic year has been an extraordinary one. With the whole world still in the thick of the COVID-19 pandemic, it is almost too difficult to remember what 'normal' academic life looked like in the pre-pandemic era. I am writing this piece on Matriculation day, when normally the College would be buzzing with the energy of the new students in full sub-fusc, gathering to make their way to the Sheldonian for the ceremony of their formal admission to the University. There is a weird calmness today, instead, in the College's upper quad. And yet we are still here and are learning fast to do traditional things differently – and safely. Whilst the great bulk of the academic activity since March 2020 has been taking place online, we have also found ways to interact with each other in person safely and creatively. Our Housekeeping and Maintenance teams have been instrumental in reconfiguring spaces and keeping them clean and safe to use under the social distancing and enhanced hygiene regime. The College has a lot more outdoors furniture in the upper and lower quads, which despite the unpredictability of the British weather, tend to be well populated with students, staff and Fellows meeting in a socially distanced way. A marquee has been erected in the Fellows' garden to provide additional space for meal times, but also for those seminars which can be safely held on site. Our Buttery and serving area have been re-organised to enable college members to continue to enjoy the College's wonderful catering services in a paradigmatically safe way. Our Library is open with bookable study spaces on site and excellent remote support services. Our IT team have been working tirelessly to make the online experience smooth and straightforward, but also to create capacity in our seminar rooms for hybrid academic events, with participants on site and online. And of course the rest of the staff team in College has been there all along, albeit mostly remotely, to support the College's academic activities and to ensure these continue, in modified, but still fulfilling and effective ways.

What has remained constant, despite the ever changing challenges of the pandemic world, is the continuing stream of high quality research that the College community produced in the past 12 months. The 2019/20 academic year started with the presentation of key findings from the British

Election Study, led by Jane Green and Geoff Evans, and from the book they co-authored with the BES team on *Electoral Shocks: The Volatile Voter in a Turbulent World* (OUP), which was published, most fittingly, the day after last December's General Election. Senior Research Fellow Brian Nolan, together with collaborators from the Paris School of Economics and the University of California at Berkeley won a prestigious European Research Council Synergy grant to pursue an innovative approach aiming to capture economic inequality through distributional national accounts. COVID-19-related research became, inevitably, the main focus of the work undertaken by many of our Fellows and students in the second half of the year. Some of the topics researched included: The inequality of the impact of COVID-19 (working paper co-authored by DPhil student Marta Golin); the individual effects of COVID-19 in the different types of workers (working paper co-authored by Professorial Fellow Hamish Low); the effectiveness of face masks (Royal Society and British Academy preprint by Professorial Fellow Melinda Mills and colleagues at the Leverhulme Centre for Demographic Science); economic hardship and mental health complaints during the pandemic (paper by Postdoctoral Prize Research Fellow, Dirk Witteveen) and a cross-national study of trust in experts during an epidemic, launched in the early stages of the pandemic by Pietro Battistoni at the University of Parma in collaboration with Professorial Fellow Ridhi Kashyap and Non-stipendiary Research Fellow Valentina Rotondi at the Leverhulme Centre for Demographic Science. Lastly, and as seems usual, the past year also brought recognition and accolades for the work of our Fellows: Senior Research Fellow John Darwin was awarded a CBE for his services in the study of global history; Senior Research Fellow David Miller received a Lifetime Achievement Award by the European Consortium of Political Research; and Professorial Fellow Cecile Laborde won the 2019 Spitz Prize for her book *Liberalism's Religion*.

On academic appointments, in the course of the past academic year we were fortunate to elect two new Professorial Fellows, both in Economics: Professor Barbara Petrongolo (joining us from Queen Mary University of London) and Professor Martin Weidner (joining us in January 2021 from UCL). We have also elected Professor Francis Doodoo to a Senior Research Fellowship in conjunction with his appointment as British Academy Global Professor at the Leverhulme Centre for Demographic Science and the Department of Sociology. The student admissions exercise was a lot

more volatile this year, as the main part of it unfolded concurrently with the pandemic in Spring and with the global uncertainty making predictions for student arrivals difficult. I am delighted to report that we were able to attract and welcome to Nuffield 33 new students, one of the largest cohorts in recent years.

Looking back, the academic year that has just gone was certainly unpredictable and challenging. The fact that the College continues its usual, predictably high quality work, almost uninterrupted and largely unscathed so far, is a testament to the excellence and dedication of its staff, students and Fellows. A huge thank you to all for pulling together and pulling through is not enough.

Eleni Kechagia-Ovseiko

Senior Tutor



JCR REPORT

President: Ruairí Maguire
Treasurer: Ahmed Tohamy
Secretary: Victoria Gierok
Social Secretaries: Robin Hsieh, Tanisha Mohapatra, Lorenzo Moretti
Bar Managers: Emily Dyson, Sam Holcroft, Jasper Kauth

The JCR's usual social activities were curtailed this year by the COVID-19 lockdown. The new students did, however, put on an excellent panto in Michaelmas Term, and there were some other smaller events before mid-March. The JCR also conducted its other business as usual. We held our first ever virtual meeting in June, which went well.

During the lockdown, resident students pitched in to keep things running smoothly in College. We had great help from, in particular, the Buttery staff, the Lodge staff and the Maintenance staff. On behalf of the JCR I would like to thank them for everything.



JCR Quiz night, MT 2019.

I would like to wish students leaving Nuffield at the end of this academic year the best of luck for the future.

Ruairí Maguire

JCR President

BURSAR'S REPORT

The second half of the 2019/20 academic year was, of course, dominated by COVID-19. In line with Government advice, the College entered lockdown at the end of March, with our main priority being the safety and wellbeing of the small number of College members who were resident in College at that point. Thanks are due to all those resident members for the ways in which they supported the College during that time, but especially to Ruairi Maguire, the JCR President, who acted as a point of contact for us and helped to coordinate arrangements on site.

I also want to record here how extraordinarily grateful I am to all members of the College's staff for their seemingly endless creativity and adaptability in keeping the College running during lockdown and in helping to make the College a safe place for returning to work and study (especially since Nuffield, no doubt like other colleges, was not designed with social distancing in mind). Writing this in October 2020, in the third week of Michaelmas Term, I continue take heart from the resourcefulness and goodwill of all College members in ensuring that our core activities have been able to continue in one way or another.

Although the first half of the year was less eventful, it still saw the completion of two significant building projects. The College kitchen, servery, and buttery areas were refurbished, creating larger and more modern spaces for the catering team and their well-fed patrons, and we completed a series of largely external works to the buildings on George Street Mews, designed to make the area feel safer and more active. In spite of the pandemic, we have also been able, with the appointment of MICA architects, to move forward with the next stages of a feasibility study which is looking at improvements to various aspects of the ground floor areas of the main site, the aim being to improve accessibility into and around the College, and to create a better lecturing and teaching space in L staircase.

Meanwhile, the College's plans for the development of sites in the west end of the city have continued to take shape, with masterplanning teams in place for the Jam Factory, Island, and Worcester Street Car Park sites

and also for Oxpens, which is being led by the joint venture company with Oxford City Council. In all of this work, we have been fortunate to be able to draw on the expert advice of two recently appointed property advisors, Richard Powell (formerly an Executive Director at Grosvenor) and Jonathan Solomon (formerly Head of Global Real Estate at Clifford Chance), as well as the external members of the College's Investment Committee. In bringing these sites forward for development, our ambition is not only to strengthen the College's endowment, but also to deliver and act as the catalyst for positive change in this part of the City and – in line with our charitable objectives – contribute to the cultural, social, and economic life of the city of Oxford, the importance and relevance of which is felt more keenly than ever in the current context.

I would like to end my report this year by paying tribute to John Howes, who died on 30th October 2019 as a result of injuries sustained in a bicycle accident. John was working at Nuffield as a temporary Lodge Porter, and tragically was on his way home from a shift in College when the accident occurred. John made a hugely positive impression during the short time in which he worked for the College, and continues to be very badly missed, especially by his colleagues in the Lodge.

Tom Moore

Bursar

ENDOWMENT OFFICE REPORT

Governing Body approved a new investment policy for the College and new terms of reference for the Committee, and the Committee continued to revise its investment strategy. Melinda Mills replaced Janina Dill on the Committee during a period of leave, Martin Ellison and Ray Fitzpatrick were reappointed, and external members Hamish Laing and Neil Woodford completed their terms. Richard Powell was appointed as the College's Strategic Development Adviser, and he and Jonathan Solomon were appointed as directors of OxWED Limited.

Discussions about the composition of the non-property part of the portfolio culminated in a major restructuring of investments held via JP Morgan, with particular attention to liquidity and diversification. The Committee maintained the investment with Oxford University Endowment Management. The total value of non-property investments fell by about 10% in March but recovered to close to its former level by the end of the financial year. The COVID-19 lockdown had a significant impact on rental income. The College was sympathetic to the circumstances of individual tenants but also mindful of the effects on the College's finances.

The year saw the refurbishment of the Grade II listed Jam Factory, the former Frank Cooper's Marmalade Factory. Despite the lockdown, the work was completed to a high standard and the building was let successfully. The College appointed a professional team to explore master-planning options for the Jam Factory Site, the Island Site, and the Worcester Street Car Park. The team made good progress, its work guided by a set of principles approved by Governing Body that included bringing social and economic benefit to the city including through creation of a social sciences quarter and providing a good endowment return over the long term. There was also significant progress in the joint venture between the College and Oxford City Council to develop land at Oxpens.

The overall state of investment affairs remains complicated and there is a high degree of uncertainty related in particular to COVID-19, but the

Committee and its Property and Non-property Subgroups continue to meet regularly to consider strategic questions and oversee activities.

David Walker

Head of the Endowment Office

DEVELOPMENT AND ALUMNI RELATIONS REPORT

Last year, the theme for the College magazine was ‘change’, perhaps a portent of what was to come. For all of us, 2020 has been a year unlike any other. While our ways of working as fundraisers have changed significantly, our relationships have not changed; our alumni community is just as strong and perhaps even more connected than before. Nothing can replace meeting in person, but the normalisation of video-calling has provided an opportunity to easily reach out to many of our alumni around the world. This September we’ve just hosted our first virtual online events for the University’s Meeting Minds Weekend, bringing together alumni to share ideas from all four corners of the world.

But back to 2019: in November, we held our Annual Giving Day in the Butler Room. Eight student callers, Rufaida Al Hashmi, Mihai Codreanu, Jan Ertl, Victoria Gierok, Ruairí Maguire, Max Marczinek, Tanisha Mohapatra and Ahmed Tohamy contacted alumni around the world and raised funds for our David Butler and Max Corden Scholarships. We are so grateful to all of them



Giving Day: 2019.

for giving us their enthusiasm and time. A special thank you also to Honorary Fellow Martin Wolf for making 2019's Giving Day a real success and to all recurring donors: your loyalty means a lot to the College. Since then, we have had confirmation of new fantastic 2:1 matched funding from the University for our David Butler scholarship (from the Graduate Endowment Matched Scholarship Scheme), hopefully an added incentive to give. The College is also continuing to match every donation towards scholarships pound for pound. Many thanks to Bill Emmott (MLitt Politics, 1979) for his recent generous support of David's scholarship. I hope others will come on board with this excellent donor incentive, but the main motivation to give hopefully remains the creation of a future solid endowment for scholarships to fully fund every single excellent student at Nuffield.

The new year began with our annual drinks at the Nuffield Foundation, with the best attendance yet. These drinks were the last time we saw the late Peter Sinclair (DPhil Economics, 1967), who passed away from COVID-19 on 31 March. As always, Peter lit up the room with his joy and warmth. He is missed terribly by all who had the privilege of knowing him.

In February, we hosted our Triennial Sociology Reunion at College, organised jointly with current Chair of the Sociology group Janne Jonsson who came up with such good speakers on the topic 'New Directions in Sociology'. Current Fellows Ridhi Kashyap (Professorial Fellow; Research Fellow 2016–2017; DPhil Sociology 2013), Jonathan Lusthaus (Non-Stipendiary Research Fellow; DPhil Sociology 2013) and alumna Evrim Altintas (DPhil Sociology 2007), the latter of whom gave us an insight on Facebook, formed this dynamic panel. John Goldthorpe (Emeritus Fellow; Official Fellow 1969–2002) then delivered a fascinating talk about 'Sociology in Nuffield and further afield', which gave a background to the history of the subject at Nuffield and elucidated the impact of the College on the discipline at large in the UK and Europe. All lively conversations were followed by a dinner in Hall – the last alumni dinner before the pandemic.

Spring 2020 would have involved trips to Berlin for a European Reunion and New York for our North American Reunion. We sadly postponed an event planned together with Gwen Sasse at ZOIS in Berlin and I honestly missed seeing so many of our American Alumni in person – it has been too long! While it was sad to see many of our plans cancelled or postponed, we

are finding novel ways to engage with you all. Above all, we want to hear from you and that you are well. This is why at the start of the pandemic, we launched our 'simple things' initiative where we asked alumni to send in photos, thoughts and recipes which were then shared on social media. Communications Manager, Catherine Farfan, has also been working on an informative COVID-19 news page on the College's website, a comprehensive index of the plethora of COVID-19 related research by our academics. In March, Development Assistant Lottie Madden launched our Alumni Relations survey, our first ever, which saw a terrific response. Thank you all for letting us know what works for you – it is our aim to make things happen that make you feel excited about being part of this Nuffield community. Thank you for all your continued support.

Caroline Kukura

Director of Development & Alumni Relations



LIBRARY REPORT

It's fair to say that my first year as Director of Library Services has not turned out as I expected when I joined the College last summer. The COVID-19 lockdown closed the Library for several months to all but those students who remained in residence, and Library staff found ourselves suddenly having to figure out what kind of library service we could provide when we and most of our readers had no access to a physical library space or the collections contained therein. It has been a challenging period for everyone, but I'm proud of the way the Library team has pulled together and adapted to working remotely and finding alternative ways to support the academic work of College members under unprecedented circumstances. With the support of colleagues in the Bodleian, we funded and made available a sizable number of e-books needed by College members suddenly unable to access printed library books. For others, we ordered new print books to be delivered directly to members' homes as remote loans. We offered twice-weekly virtual library pop-up sessions using Microsoft Teams for 'face-to-face' enquiries throughout Trinity Term. And we expanded our recently launched weekly Nuffield Research Digest to include COVID-19 related research from Nuffield and elsewhere, as well as welfare resources to support College members' mental health under trying circumstances. As I write this during the summer vacation, we are cautiously working to restore access to and services from the physical library, offering a staff-mediated loans and scanning service in advance of a wider reopening, with appropriate safety and hygiene adaptations, ahead of the new academic year.

Before the pandemic upended everything, we had begun work on a programme of improvements to the Library which (while now a bit delayed) is intended to develop spaces, collections and services befitting an institution such as Nuffield. We had begun to refurbish some areas of the Library, in particular the entrance and 1st floor Lobby, and installed new signage to improve navigation. We had initiated a programme of mini exhibitions in the entrance, highlighting material in Nuffield's collections and archives and supporting events in College and elsewhere such as the Sociology Reunion in February, the General Election in December, the 100th anniversary of the founding of the League of Nations in January, and LGBT

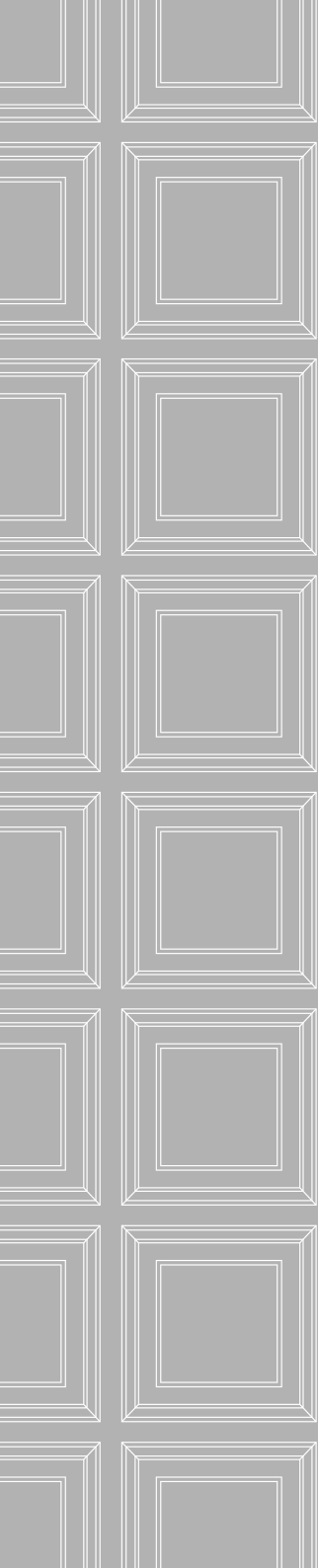
History Month and International Women's Day in February and March. And I spent much of the year engaged in analysis of the Library's collections, establishing an evidence base for future decisions on acquisitions, weeding and reorganising the collection. I have enjoyed talking to College members about what they need and want from their Library and I hope that the pause in that work caused by COVID-19 will not prove to be too great a setback in the longer term.

Throughout, the day-to-day work to deal with new books and journals and provide support and guidance to College members continued thanks to the hard work of the Library team, to whom I am indebted for their help as I settled in as well as their ideas and positivity when considering new initiatives. One acquisition of significance this year should be noted: the papers of the late Professor Sir James Mirrlees, which we were delighted to receive last September and which are now in the process of being catalogued and added to the Archive.

Jane Rawson-Jones

Director of Library Services





02

ACADEMIC OVERVIEW

- 26 New Elections
- 28 Appointment of Leaving Fellows
- 29 New Students (including Visiting Students)
- 31 Graduating Students
- 34 Student Statistics

ACADEMIC OVERVIEW

New Elections in 2019–2020

Professorial Fellows

Barbara Petrongolo, Professor of Economics

Martin Weidner, Professor of Economics

Emeritus Fellow

Gwendolyn Sasse, Professor, Humboldt University, and Director of the Centre for East European and International Studies (ZOiS)

Visiting Fellows

Lord Tyrie, Chief Executive of the Competition and Markets Authority

Yves Daccord, Former Director-General of the International Committee of the Red Cross

Stephen Bush, Political editor for the *New Statesman*

Anneliese Dodds, Shadow Chancellor of the Exchequer and Labour MP for Oxford East

Tamara Finkelstein, Permanent Secretary for the Department for Environment, Food and Rural Affairs

Senior Research Fellows

Kevin Roberts, Sir John Hicks Professor of Economics and Professorial Fellow 1999–2020

Francis Doodoo, British Academy Global Professor, Leverhulme Centre for Demographic Science, Department of Sociology; and Liberal Arts Research Professor of Sociology and Demography, Pennsylvania State University

Research Fellows and Research Officers

Roosmarijn de Geus, Research Fellow, Nuffield Politics Research Centre

Martijn van den Brink, British Academy Postdoctoral Research Fellow, Department of Politics and International Relations

Xiyu Jiao, Research Fellow, Climate Econometrics Research Programme

Susana Campos Martins, Research Fellow, Climate Econometrics
Research Programme

Helen Kowalewska, Postdoctoral Research Officer, Department of Social
Policy & Intervention and Institute for New Economic Thinking

Valentina Rotondi, Postdoctoral Researcher, Leverhulme Centre for
Demographic Science, Department of Sociology

Mads Elkjaer, Postdoctoral Researcher, Department of Politics and
International Relations

Deni Mazrekaj, Postdoctoral Researcher in Sociology and Social
Demography, Department of Sociology

José Manuel Aburto, Newton International Fellow, Leverhulme Centre for
Demographic Science, Department of Sociology

Tomas Wallenius, Leverhulme Early Career Fellow, Department of Politics
and International Relations

Per Engzell, Postdoctoral Researcher, Leverhulme Centre for Demographic
Science, Department of Sociology

Katrine Jacobsen, DFF-International Postdoctoral Researcher, Department
of Economics

Nicholas Martindale, Postdoctoral Prize Research Fellow in Sociology

Victor Pouliquen, Postdoctoral Prize Research Fellow in Economics

Jamie Draper, Postdoctoral Prize Research Fellow in Politics

Melis Laebens, Postdoctoral Prize Research Fellow in Politics

Jacob Barrett, Postdoctoral Research Fellow, Global Priorities Institute,
Faculty of Philosophy

Jorge G. Mangonnet, Postdoctoral Prize Research Fellow in Politics

Appointment of Leaving Fellows

Aluma Dembo, Lecturer, IDC Herzliya

Per Engzell, Postdoctoral Researcher, Leverhulme Centre for Demographic Science, Department of Sociology

Jan Flaherty, Research Fellow in the National Addiction Centre, Institute of Psychiatry, Psychology & Neuroscience, KCL

Stefan Hubner, Assistant Professor of Economics, University of Bristol

Luke Jackson, Assistant Professor in Physical Geography,
Durham University

Stephen Nei, Assistant Professor, University of Exeter

Patrick Präg, Assistant Professor of Quantitative Sociology,
CREST/ENSAE, Paris

David Ronayne, Assistant Professor of Economics, ESMT Berlin

Sam Rowan, Assistant Professor, Department of Political Science,
Concordia University

Gwendolyn Sasse, Professor, Humboldt University, and Director of the
Centre for East European and International Studies (ZOiS)

Zachary Van Winkle, Assistant Professor of Sociology, Sciences Po,
Paris and the Observatoire Sociologique du Changement

Yizhang Zhao, Lecturer in Social Sciences, Cardiff University.

New Students

Students beginning courses in MT 2019/HT 2020:

DPhil Students

Rufaida Al Hashmi	Politics
Jasmin Droege	Economics
Mathis Ebbinghaus	Sociology
Benjamin Garfinkel	International Relations
Mobarak Hossain	Social Policy
Robin Hsieh	Public Policy
Jasper Theodor Kauth	Politics
Yan Liu	Sociology
Lorenzo Moretti	Public Policy
Timothy Munday	Economics
Martha Radford-Kirby	Sociology
Natasja Rupesinghe	International Relations
Sarah Schneider-Alia	Sociology
Daniel Snow	Sociology
Lucy Song	International Relations
Kenneth Stiller	International Relations
Mark Verhagen	Sociology

MPhil Students

Mihai Codreanu	Economics
Mihnea Cuiibus	Politics: European Politics and Society
Angus Groom	Economics
Otso Hao	Economics
Max Marczinek	Economics
Tzvetan Moev	Economics
Tanisha Mohapatra	Politics: Comparative Government
Lynnea Shuck	Politics: Political Theory
Yi Ying Tan	Economics

MSc Students

Victoria Maloch

Comparative Social Policy

Visiting Students

K. Vocke	Economics	Michaelmas term 2019 and Hilary term 2020
E. Naz Kayran	Politics	Michaelmas term 2019
L. Azzollini	Sociology	Michaelmas term 2019
A-K. Reinl	Politics	Michaelmas term 2019
E. Hoppe Blaabaek	Sociology	Michaelmas term 2019
A. Huidobro	Politics	Hilary term 2020
R. Daniel	Politics	Hilary term 2020
S. Hill	Politics	Hilary term 2020
C-G. Luft	CESS	Hilary term 2020

These visits were cancelled due to COVID-19 pandemic

L. Thaler	Economics	Trinity term 2020
M. Siglreitmaier	Sociology	Trinity term 2020
D. Attewell	Politics	Trinity term 2020
T. Heinkelmann-Wild	Politics	Trinity term 2020
Y. Antoniuk	Economics	Long vacation 2020

Graduating Students, 2019–2020

DPhil Graduates		Thesis Title
Liliana Andriano	Sociology	The socio-demographic promise of expanded female education across sub-Saharan Africa
Christopher Barrie	Sociology	Dynamics of Conflict and Revolution in Iraq and Tunisia
Ian Carroll	Politics	Political Contractarianism: Justice as Mutual Advantage
Effrosyni Charitopoulou	Sociology	The European refugee crisis in Greece: understanding host communities
Thomas Fleming	Politics	Partisanship and Personal Vote-Seeking in Parliamentary Behaviour
Rebecca Fradkin	Politics	Authoritarian Regimes and the Co-optation of Islam: Kazakhstan and Russia
Alexander Gard-Murray	Politics	Splitting the Check: A Political Economy of Climate Change Policy
Robert Hellpap	Sociology	The role of endogenous network mechanisms for ethnic friendship segregation in classrooms
Pietro Intropi	Politics	The Values of Freedom and the Moral Foundations of Freedom-Centred Justice
Daniel Kaliski	Economics	Essays on the Econometric Analysis of Forward-Looking Behaviour in Health Care Markets
Ask Neve	Sociology	Education, national origins, and union formation: the persistence of traditional marriage markets in a post-traditional society
Raluca Pahontu	Politics	By Popular Demand: Voter Decision Making under Risk
Spencer Smith	Economics	Essays in Empirical Labour and Public Economics

Giacomo Vagni

Sociology In Search of Lost Time Patterns.
How Class, Gender and Social
Contexts Structure our Daily Lives

MLitt Graduate

Dennis Tatarkov

Economics The effects of uncertainty
and information discovery on
the transmission of shocks in
the economy

MPhil Graduates

Viviana Baraybar Hidalgo

Politics: Comparative Government

Sidharth Bhushan

Economics

Matthew Davis

Economics

Emily Dyson

Politics: Political Theory

Jan Ertl

Economics

Charlotte Grace

Economics

Said Hassan

Sociology & Demography

Samuel Holcroft

International Relations

Peer Nagy

Economics

Paul Ostwald

International Relations

Hayley Pring

International Relations

Frank Smith

Comparative Social Policy

Ahmed Tohamy

Economics

MSc Graduate

Victoria Maloch

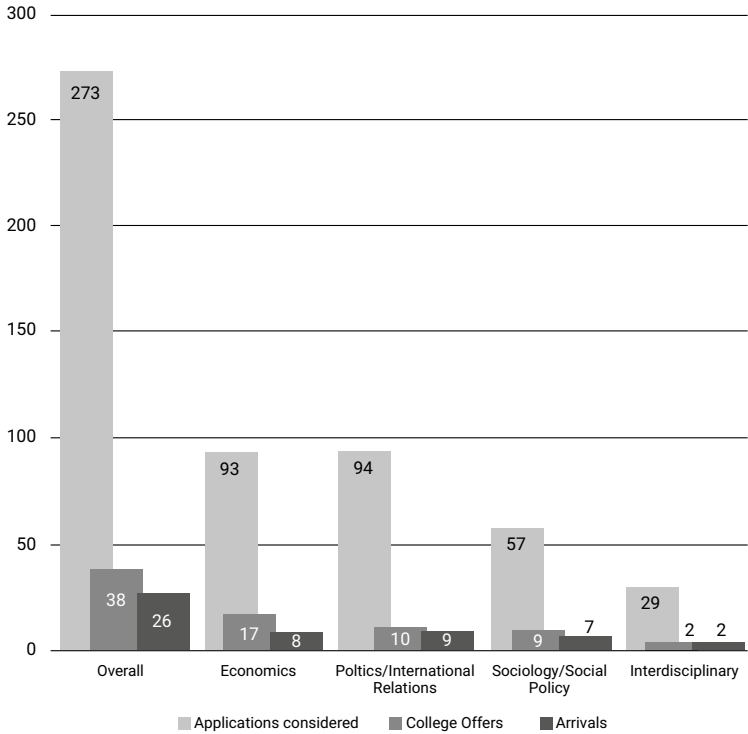
Comparative Social Policy



Student Statistics

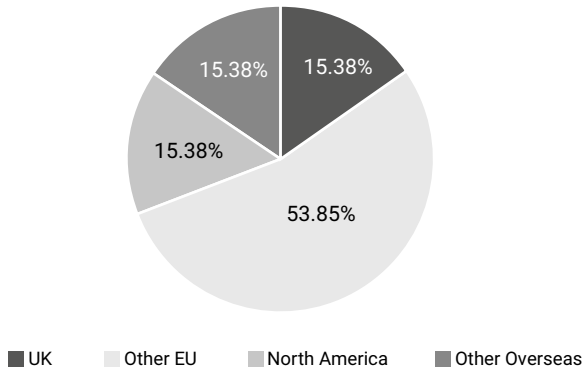
Admissions – 2019 Entry

Applications, Offers and Arrivals – Subject Group Breakdown



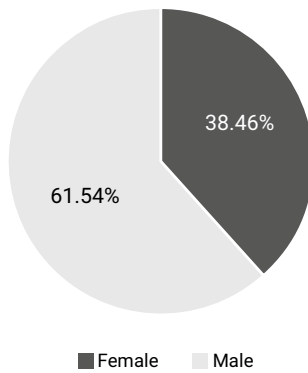
New Students – Nationality Breakdown

Nationality of New Students



New Students – Gender Breakdown

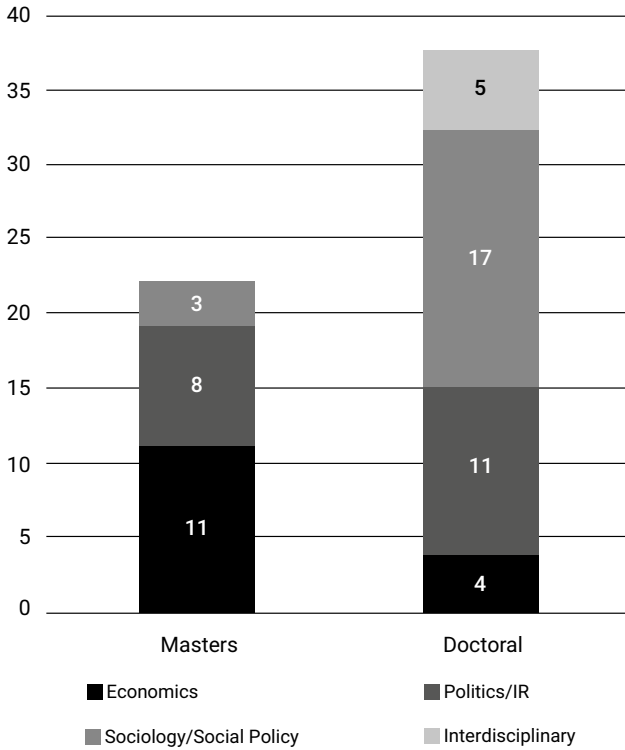
Gender of New Students



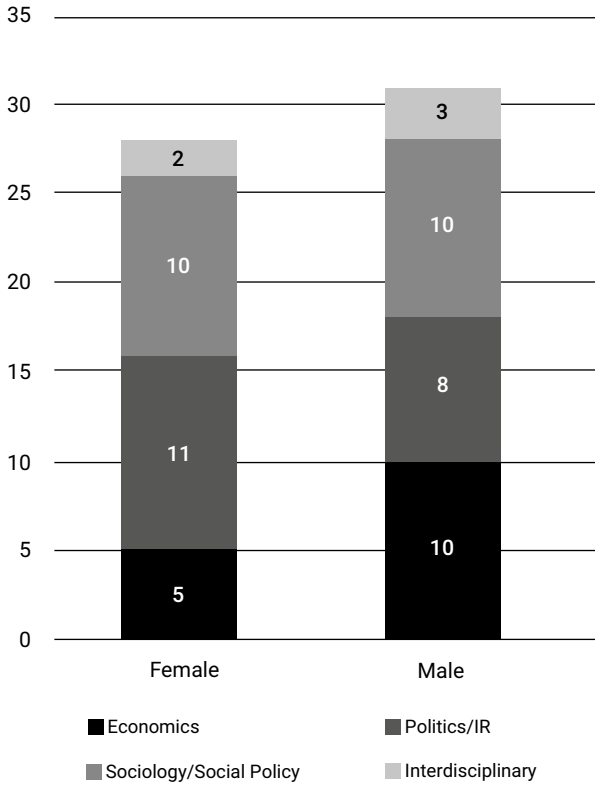
On-Course Students 2019/20

Students in first four Nuffield Student Years (within fee liability)

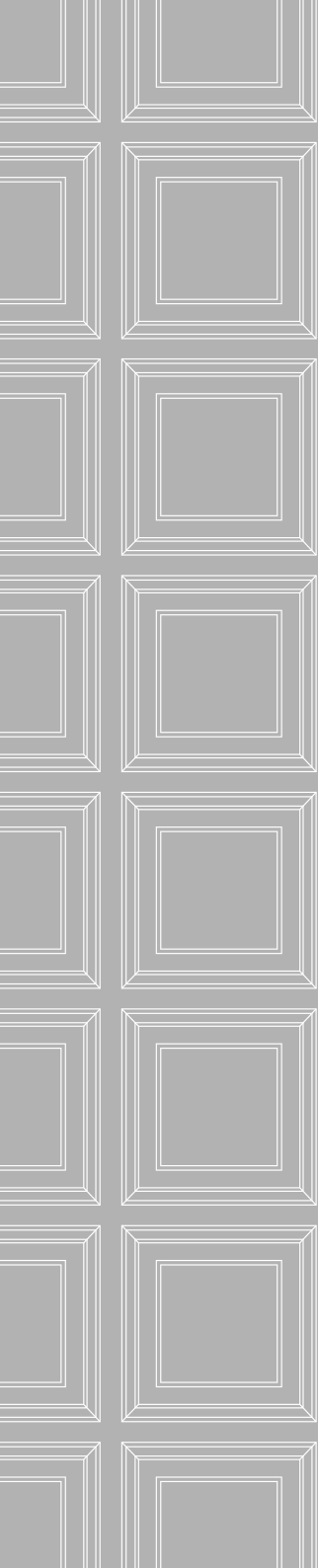
On-Course Students – Course Breakdown



On-Course Students – Gender and Subject Group Breakdown







03

RESEARCH OVERVIEW

- 40** Centre for Experimental Social Sciences
- 44** Centre for Social Investigation
- 46** Nuffield Politics Research Centre
- 49** The Nuffield College Centre for Applied
Macroeconomic Policy
- 51** Climate Econometrics
- 53** Leverhulme Centre for Demographic Science
- 57** Individual Fellows' Academic Reports
- 160** Student Research Activities and Publications

RESEARCH OVERVIEW

The Centre for Experimental Social Sciences (CESS)

The 2019/2020 academic year has been a year fraught with unique challenges for behavioral researchers. Although CESS was sad to see long time member, Soenke Ehret, leave to join the University of Bern, Michaelmas Term 2019 brought the introduction of two new CESS team members, Noah Bacine and Melanie Sawers. Noah Bacine joined the team as a Postdoctoral research officer in charge of coordinating and managing the laboratory activities across all CESS centres. Melanie Sawers joined CESS from the University of Essex to be manager of all administrative tasks at CESS. With new lifeblood running through the Centre, we undertook a comprehensive review of its organization to note areas where improvement was necessary. We invested in new hardware for personnel and the laboratory, new software for the management of the CESS online subject pool; and we focused on the development of partnerships for organizing seminars, an overhaul of CESS Ethics, and a review of our current and potential future regional partnerships. However, as 2020 began, we were forced to cancel a number of events due to the increased risks associated with COVID-19. In light of the difficulties posed by COVID-19, CESS responded by working tirelessly to develop methods to allow researchers to conduct laboratory experiments in a virtual environment. To assist with these efforts, Tommaso Batistoni joined the CESS team in Spring 2020 as lead programmer. During the summer of 2020, CESS conducted its first virtual lab experiments for Ben Ansell (Nuffield College) and Ryan Rholes (Texas A&M University). Looking towards the upcoming year, CESS is preparing to roll one of its most ambitious initiatives: The CESS Longitudinal Behavioral Preferences Survey.

CESS's International and Online Presence

As part of the comprehensive review, CESS came to a mutual determination with FLAME University to end the CESS-India initiative that had been operating since 2016. CESS's long term goals are still to establish an

international network of resources for social scientists, and to this effect CESS continued to lay the foundation for a new regional centre in China with the assistance of Peiran Jiao. Although these efforts have been partially hampered by COVID-19, we are hopeful about the prospects of our newest regional centre in the coming academic year.

CESS was pleased to assist researchers from across the globe with their online experiments in 2019–2020. These experiments engaged over 20,000 subjects and contributed to numerous publications and dissertations. Examples of recent projects engaging the CESS online subject pool include major contributions to our understanding of the long term impacts of COVID 19. CESS's own Raymond Duch and Peiran Jiao used CESS subjects to study the impact of COVID-19 exposure on behavioral preferences, while Nuffield's Ridhi Kashyap, in collaboration with colleagues from Italy, studied how invoking expertise impacted participants' comprehension of information about COVID-19. We are looking forward to increasing CESS's capability to assist researchers with online experiments in the next academic year.

CESS has made the best of the unfortunate need to temporarily halt our laboratory activities by expanding our plans for the CESS online subject pool. Building on the Centre's previous work to establish facilities spanning four continents, CESS is developing a new initiative to expand and maintain the CESS online subject pool while creating the first multi-national longitudinal database dedicated to the purpose of understanding the evolution of behavioral preferences. CESS has recruited over 100,000 subjects over the last year from Chile, India, Ireland, Italy, Denmark, China, the U.S., and the U.K and hopes to expand these efforts in 2020/2021.

The development of the database of behavioral preferences (DBP) is a long-term initiative that is designed to aid in the maintenance of the online subject pool while creating a unique dataset for behavioural researchers. In time, we hope to manage the first longitudinal multinational dataset which provides the unique opportunity for researchers to study how local and global influences interact with individual characteristics in producing individuals' preferences and behavior. Beyond this, the DBP provides a natural framework to best study the impact of monumental events (such as COVID-19) through maintaining a continuous baseline of preferences before events occur.

CESS in the Lab

Although CESS was forced to halt laboratory activities in the Spring of 2020 due to COVID-19, up to that point in the year the Centre ran eight laboratory experiments using more than 1300 subjects in its Nuffield facilities. We were able to cater to the needs of Oxford students such as Lonie Sebagh and Jonas Frey, who were relatively new to the world of experiments, and assist seasoned experimental social scientists from a variety of institutions such as the University of Lausanne and Utrecht University. We hope that we will be able to safely reopen our lab facilities in 2020–2021 but the protection of our participants is always foremost in our decisions.

CESS Virtual Lab

In response to COVID-19, CESS has worked tirelessly and innovatively to create ways for researchers to run their laboratory experiments in a virtual environments. Tommaso Batistoni and Noah Bacine worked to design approaches for running experiments involving participant interaction in real time over the internet. We successfully ran CESS's first virtual experiment for Texas A&M researcher Ryan Rholes, and are now in the process of running a virtual experiment for Nuffield Fellow Ben Ansell; multiple other virtual experiments are planned for Michaelmas Term 2020.

Seminars and Colloquia

CESS has hosted a total of seven seminars before the UK lockdown was imposed in late March 2020. The seminars included prominent social scientists such as Bertil Tungodden (Norwegian School of Economics), Jeff Gill (American University), Laura Gee (Tufts University), David Gill (Purdue University), Horacio Larreguy (Harvard University), Michela Redoano Coppede (University of Warwick), and Pia Raffler (Harvard University). Several of these resulted from CESS partnering with the department of Economics as part of a new initiative to develop additional joint seminars each term. We are continuing to work on plans on how best to continue our seminar series in light of the new challenges posed by COVID-19.

In addition to the seminar series, we conducted our weekly colloquium slots offering an opportunity for graduate students, postdoctoral researchers, and faculty to receive feedback on their working projects and experimental designs. This year's presenters comprised researchers from a variety of colleges within Oxford and abroad. We held twelve colloquia in 2019–20

before the extraordinary measures were put in place; we are looking forward to an additional five colloquia for the upcoming Michaelmas term.

Visiting Scholars

CESS invited a number of experimental social scientists for extended visits in 2019–20. We were delighted to host: Michela Redoano Coppede (University of Warwick), Elizabeth Dekeyser (the Institute for Advanced Studies in Toulouse), Carl-Georg Christoph Luft (University of the German Federal Armed Forces), and Karine Van der Straeten (Toulouse School of Economics and Institute for Advanced Study in Toulouse). Although CESS had to cancel a number of additional visits in the latter half of 2019/2020, we look forward to inviting additional visitors when travel permits.

Workshops, courses, and conferences

Beyond inviting individual speakers, CESS organized a number of events in 2019/20.

We hosted a Social Media Workshop assembling a very diverse and inter-disciplinary group of scholars using social media as an integral part of their research. Each of the workshop participants presented work or work-in-progress, and designs that built on the theme of social media and experimentation.

We also offered an oTree workshop after which the participants were able to create single and multi-player experiments.

In addition, for the first time CESS hosted the course: *Applied Research Methods with Hidden, Marginal and Excluded Populations* in collaboration with UNICEF. Inviting Instructor Andrea Rossi, the Senior Advisor on Social Policy and Economic Analysis for the United Nations in East Asia to teach online in an innovative hybrid interactive training environment. This course represents a huge success as CESS's first foray into running its events virtually.

The Centre for Social Investigation (CSI)

The research team at the Centre for Social Investigation has been busy with numerous projects this year, the first being ongoing work by Anthony Heath and Lindsay Richards related to Brexit. Anthony also continues to be involved in work on labour market discrimination associated with the GEMM project. Beth Garratt and Jan Flaherty wrapped up the first part of the work on their Homelessness in Oxford project, culminating in a dissemination event at the College in November. Publications from the project will be ongoing. Associate Member Marti Rovira continued his British Academy funded work on the labour market effects of a criminal record. Dave Kirk continued work examining the potential consequences of the digital economy for well-being, particularly with respect to ridesharing, drink driving, and road accidents.

In addition to these existing projects, CSI launched a couple of new grant-funded initiatives. The first one is a collaborative project with the Behavioural Insights Team and the University of Manchester focused on social mobility in the UK.

The other new initiative is a multi-year study of gun violence in the US. The project is funded by the National Collaborative on Gun Violence Research (NCGVR), and is being done in collaboration with the Department of Sociology at Harvard University. Because of the contentious and political nature of the gun debate in the US, the federal government has substantially curtailed government-funded research on guns and gun violence since the mid-1990s. In response, the NCGVR funds nonpartisan, scientific research with the goal of providing a factual basis for the development of fair and effective gun policies in the US.

Among the CSI publications this year was Dave's new book, *Home Free*, published by Oxford University Press. It is based on a unique mixed-methods study, including a natural experiment associated with Hurricane Katrina, repeated qualitative interviews with formerly incarcerated individuals, and a randomized experimental housing program. It provides scientific answers about how former prisoners can avoid the cycle of reoffending and reimprisonment that is so typical. Particularly timely this year were several

of Anthony's publications that address racial and ethnic discrimination in the labour market, including publications in *Sociology*, *Journal of Ethnic and Migration Studies*, *British Journal of Sociology*, and *The Conversation*.

This year we said goodbye to two staff members, Jan Flaherty and Yizhang Zhao. Jan has taken up a post as a research fellow at the National Addiction Centre, Institute of Psychiatry, Psychology & Neuroscience (IoPPN) at King's College London. Yizhang is now Lecturer in Social Sciences at Cardiff University. We thank them for their dedication to CSI and wish them well in this next stage of their respective careers. In other staffing news, graduate student researcher Said Hassan completed his MPhil degree in Sociology and Demography with a Distinction, and now starts the DPhil programme in the Department of Sociology and Nuffield.

David Kirk

Director, Centre for Social Investigation

Nuffield Politics Research Centre

The Nuffield Politics Research Centre and 'Westminster Bridge' builds on the former Gwilym Gibbon Centre for Public Policy. The Centre was renamed this year, with its aims to: (1) conduct innovative research, of greatest long-term benefit to the public, into problems and challenges in politics; (2) specialise in questions of accountability and representation; and (3) better communicate political science research to people in public life.

Research

We are currently conducting research on electoral accountability (links between economics and Brexit; support for lockdown and the political implications of the COVID-19 crisis; perceptions of local economic decline and other policy outcomes), representation (class voting and representation, the impact of party ideological positions on non-voting, Brexit Party voters and Conservative vote choice in 2019); gender and political representation (discrimination perceptions, implicit sexism and Brexit support); and understanding survey responses about people's levels of reported attention to politics.

Elections Unit

The Politics Research Centre hosts the new Elections Unit (led by Professor Geoffrey Evans), where the Nuffield College contingent of the British Election Study (BES) is based (Geoffrey Evans, Jane Green, Rose De Geus), along with the Local Elections Archive and Nuffield Associate Members Professors Colin Rallings and Michael Thrasher. The British Election Study was first started at Nuffield College, by Sir David Butler, and the Elections Unit builds on that legacy.

The BES formed a large part of the Centre's work this year in light of the June 2019 European Parliament elections, the December 2019 general election, the large in-person random probability post-election BES survey (which, in light of lockdown, was moved to push-to-web and paper format), and additional data collection conducted at the height of the coronavirus crisis. We released our book, 'Electoral Shocks: The Volatile Voter in a Turbulent World' (Oxford University Press).

Westminster Bridge

The name 'Westminster Bridge' represents the aim to build a better bridge between the world of Westminster and important academic research. We are working on ways to better communicate political science research to opinion leaders and other people in public life, and hope this activity will grow as the Centre develops. As part of this, we ran a very successful press conference on electoral volatility ahead of the 2019 general election, a large London-based dissemination event (with 'UK in a Changing Europe'), and are developing models of research synthesis for non-academic audiences. This year, as Centre Director, I took part in a Financial Times short film, the ITV News 2019 general election live results programme (nominated for a BAFTA), and disseminated research in The Times, BBC Radio 4 (World at One, Start the Week, Today Programme, Woman's Hour), Channel 4 News, BBC Politics Live, ITV News at Ten (numerous times), the Wall Street Journal, Washington Post, in UK-based podcasts including ITV's 'Calling Peston' podcast, and at large public events.

Our news

In addition to renaming the Centre and taking it in a new direction, we have made some exciting appointments and had the privilege of supporting the achievements of Nuffield students.

We appointed Professor Gary King as an affiliated Research Fellow (academic) to the Centre. Professor King is the Albert J. Weatherhead III University Professor at Harvard University and Director of the Institute for Quantitative Social Science (IQSS) at Harvard. We also appointed The Rt. Hon. Liam Byrne MP as an affiliated Research Fellow (political), to help us with our Westminster Bridge plans and activities, and for research on Brexit and economics. Liam Byrne was formerly Chancellor of the Duchy of Lancaster and Chief Secretary to the Treasury (in the last Labour government).

We were also delighted to host and help launch the WhoGov dataset. This is the largest available dataset on members of government across time and countries, containing data on 50,197 cabinet members in 177 countries. The dataset was collected by Jacob Nyrop and Stuart Bramwell; both Oxford D.Phil. students and Jacob a Nuffield D.Phil. student (now a postdoctoral researcher at Aarhus University), also with the help of a team of research assistants and help from academics from all over the world. Their impressive

achievement resulted in an extremely useful – and generously shared – dataset and an accompanying article, ‘Who Governs? A New Global Data Set on Members of Cabinets’ (Nyrup and Bramwell, 2020) in the *American Political Science Review*.

We recently appointed Nuffield DPhil student Daniel Snow as a Research Associate on the British Election Study, to be based within the Centre.

Future plans

Oxford has an impressive group of academics who specialise in accountability and representation, in a range of different ways, and wonderful and highly creative students. The Centre plans to grow in impact and contribution to knowledge through new research projects, funding, collaboration and appointments. Our team, who are supporting this effort, includes David Levy (former Director of the Reuter’s Institute, University of Oxford and Controller, Public Policy (BBC)), Eleni Kechagia-Ovseiko (Senior Tutor, Nuffield College), Barbara Piotrowska (post-doctoral research assistant, Associate Member, Nuffield College), and Sara Rebecchi (Administrative and Research Support Officer).

Jane Green

Director, Nuffield Politics Research Centre

The Nuffield College Centre for Applied Macroeconomic Policy (NuCamp)

We began in September with the traditional Oxford – Federal Reserve Bank of New York Monetary Economics Conference. This year we were delighted to welcome the Bank of England as an official organising partner, after many years co-operating on an informal basis. The conference is now in its 5th iteration, meaning we are well out of the toddler years. There was still plenty to talk about, not least in our panel session discussing the review of the Fed's monetary policy framework, with contributions from Argia Sbordone (Federal Reserve Bank of New York), Paul Beaudry (Bank of Canada and NuCamp associate), Krishna Guha (Evercore ISI) and Petra Geraats (Cambridge). In our own way, we hope we contributed to the new framework for US monetary policy that was announced by Chair Jerome H. Powell on August 27th 2020.

December brought our equally-traditional 3rd Annual NuCamp Conference and a chance to meet friends old and new. A strong contingent of speakers from the Bank of England was complemented by presentations from academics at Birkbeck, Birmingham, Cambridge, Durham, Milano-Bicocca, Oxford and Pontificia-Santiago. In a break with tradition, we were very happy to welcome James Smith from the Resolution Foundation, who introduced his new report 'Recession ready? Assessing the UK's macroeconomic framework'. I don't think anyone would have believed just how much the UK's macroeconomic framework would be tested in the coming year. We hope that James will return soon to give us an update on how he thinks it has coped.

The new calendar year brought the COVID-19 outbreak and the cancellation of many academic events. We were not immune to the disruption, and had to postpone our planned conference with the People's Bank of China and Peking University HSBC Business School. We will pick up the organisation when circumstances allow. Fortunately, we were still able to support some very successful online events. In May, two of our Nuffield DPhil students (Julian Ashwin and Alistair Macaulay) organised the 1st NuCamp Virtual PhD Workshop, proceeding at lightning speed from initial idea through

organisation and implementation to end of the conference in only 20 days. The students did an excellent job, putting together a strong programme of 12 papers, many of which were knowledgeably discussed by established faculty from universities outside of the UK. Laura Castillo-Martinez (Princeton), Basile Grassi (Bocconi and ex-Nuffield postdoc), Eric Leeper (Virginia and NuCamp associate), and Michael McMahon (Oxford and NuCamp Deputy Director) gave welcome advice on the extreme uncertainty surrounding the junior econ PhD job market. The keynote speech by Stephanie Schmitt-Grohé achieved similar heights of topicality, assessing the inequality of testing for COVID-19 in New York City. In June our associate, Petr Sedláček, followed up by hosting an excellent online conference on Firm Heterogeneity and the Macroeconomy, with keynote speech from John Haltiwanger of the University of Maryland.

Martin Ellison

Director, Nuffield College Centre for Applied Macroeconomic Policy

Climate Econometrics

The Climate Econometrics group (CE) continues in its aim to improve understanding of the interactions between human activity and climate change. Knowledge exchange and training, linking econometrics and climate science in both directions, remain important objectives of the project. To facilitate interchanges, we extended our website (<http://www.climateeconometrics.org>) where all our research and software developments are made available, to enable other related researchers to cross-link their research via the climate econometrics international network, which now includes more than 200 researchers across the globe.

The present team comprises Professors Sir David F Hendry and Felix Pretis (Co-Directors), Research Fellow Jurgen Doornik, Post-doctoral researchers Susana Campos-Martins, Xiyu Jiao and Ryan Rafaty and Communications and Office Manager Angela Wenham. Luke Jackson is leaving to take up a position at the University of Durham as an Assistant Professor of Physical Geography (Sea Level) on 1st September 2020, and Sam Rowan has left to take up the position of Assistant Professor at the University of Concordia (Political Science). Both will continue to work closely with CE as Associates. We are also supported by research assistants, Lisa Thalheimer, Bingchen Wang, Otso Hao and William Thomas (University of Victoria), as well as DPhil students, Moritz Schwarz (jointly with the Smith School) and Jonas Kurle. Colleagues in Oxford who support our research include Bent Nielsen and Jennifer Castle. Andrew Martinez continues to contribute to the group's research from his new post at the US Treasury.

Our international Advisory Board of Professors Frank Convery, Thomas Sterner, Cameron Hepburn, Michael Oppenheimer, James Stock, Robert Kaufmann, Rob Engle, with Karen Florini and Dr Suzi Kerr (new appointment) continues to provide valuable advice.

Team members play an active part in the wider research community, applying their climate and econometrics expertise through advisory roles (e.g. for the New York City Panel on Climate Change Report), and contributions to Intergovernmental Panel on Climate Change (IPCC) Reports. We have had meetings with climate policy makers and representatives, such as with the

Environmental Defense Fund (EDF) in New York, a House of Lords meeting, and a number of UK MPs, as well as discussions with the Chair of the UK Parliament's Science and Technology Select Committee, and Chief Economic Advisors to the UK Government and Shell.

We began by successfully linking econometric and physical climate modelling and helping stimulate an upsurge of interest worldwide in climate econometrics. Our recent and current research includes applying econometrics to policy problems concerning the increasingly adverse economic impacts of climate change; showing that long-term forecasts from a paleo-climate model entail dangerous worldwide temperatures if greenhouse gases continue to increase; how to measure the benefits of reduced hurricane damages from more accurate forecasts; the costs of sea-level rises and coastal flooding; the sources of greenhouse gas emissions globally yet the UK's success in greatly reducing its emissions; adverse temperature changes reducing economic growth; how beliefs about climate change depend on local weather; showing that legal interventions can reduce emissions; measuring the magnitudes of geopolitical and geo-climate volatility risks for financial markets; how to improve implementation of the COP21 Paris nationally determined contributions (NDCs); and how to decarbonize the UK economy while maintaining growth.

We have also been providing short-term forecasts of confirmed cases and deaths from COVID-19 for many countries and regions to facilitate health and economic planning.

CE has been successful in its research outputs, communications, knowledge exchange and numerous engagements with policy makers and the public. Our outputs have been mentioned across a wide range of media with 16 published papers in science, environmental, climate, health, economics, and econometrics academic journals, three articles in widely-read media, three non-technical books, four reports, several letters in the Financial Times, and one new software release. We accompany our technical articles with non-technical blog posts to communicate our work on a wider scale, as well as by giving many conference and seminar presentations and webinars.

David F. Hendry

Co-Director Climate Econometrics

The Leverhulme Centre for Demographic Science (LCDS)

The LCDS (www.demographicsscience.ox.ac.uk) launched in November 2019, supported by the Leverhulme Trust and Nuffield College. The Centre's aim is to disrupt and realign conventional thinking to infuse science into demography. As an interdisciplinary centre, we engage in fundamentally different approaches to tackle challenging demographic and social problems. We unite the disparate disciplines of demography, sociology, economics, history, philosophy, geography, marketing, statistics, informatics, molecular genetics, and biology.

Building the Centre: New appointments

The Centre has appointed 4 senior scholars: Associate Professor Jennifer Beam Dowd (biosocial, mortality, epidemiology, infections and immune function), Departmental Research Lecturers Per Block (social networks, statistical modelling, social mobility, segregation) and Charles Rahal (applied econometric methods, inequality, big and unstructured data, demography) and senior Professor Francis Doodoo, who joins January 2021 as a British Academy Global Professor (gender, power, health and urban poverty, Africans in the diaspora, research capacity in Africa). Professor Doodoo's background is in economics and demography, and he joins us from Pennsylvania State University. He is also a four-time Olympian who has been decorated with the Grand Medal of the Republic of Ghana.

LCDS also welcomed postdoctoral researchers Valentina Rotondi (economics, econometrics, development, technological change), Liliana Andriano (mortality, gender, education, spatial demography) and Per Engzell (intergenerational mobility, origins of institutions, technological change). We jointly appointed Leo Azzollini (inequality, political science, demographic behaviour) with Brian Nolan's (INET) ERC Synergy Project, Francesco Rampazzo (digital and computational demography, fertility, migration) in collaboration with Marketing and Consumer Demography at the Saïd Business School, and José Manuel Aburto (mathematical demography, lifespan inequality, violence, Latin America).

We were delighted to grant DPhil scholarships to Kayla Schulte (air pollution and quality, technology) and Yan Liu (cognitive function, genetics, health-care, China) and welcome affiliated student Mark Verhagen (computing, pattern recognition, machine learning, education). The Leverhulme grant also allowed us to appoint a strong administrative team of Antoinette Moffa (Centre Manager), Tabitha Baker (Research Facilitator), Penny Taylor and later Shabnam Mukairshoeva (Human Resources), Daisy Mallabar (Communications) and Ian Knowles (Computing support).

Grants

Within our first year we attracted additional funding of £3.3 M. Professor Doodoo was awarded a British Academy Professorship to join the Centre in 2021 (~750K). Melinda Mills received ERC Advanced Grant CHRONO (~2M) to research biosocial approaches to nonstandard and precarious work and chronotype; an ERC Proof of Concept Grant (~120K) for social business enterprise DNA4Science; and an Oxford Teaching Award for sociogenomics (~10K). John Fell grants (each ~50K) were awarded to Ridhi Kashyap on understanding son preference in India, and Jennifer Dowd on the future of COVID-19 in the UK. José Manuel Aburto was awarded a Newton Fellowship (~100K) and Marie Curie International Fellowship (~180K).

Publications

Aside from COVID-19 work discussed below, Jennifer Dowd published on the microbiome (Annual Reviews of Public Health) and impact of psychosocial factors on immunity (Social Science & Medicine). Per Block developed models for dynamics of social groups' face-to-face interactions (Network Science), Charles Rahal and Melinda Mills developed an interactive monitor tracking diversity in genetic discoveries (Nature Genetics), Melinda Mills published various articles, and a book (details in individual report). José Manuel Aburto published on dynamics of life expectancy and lifespan inequality (PNAS), Latin American mortality (Population Studies) and Lexis fields (Demographic Research). Valentina Rotondi examined mobile phones and digital inequality in Malawi (Demographic Research) and leveraging mobile phones for sustainable development (PNAS). Liliana Andriano was integral in our COVID PNAS study. Per Engzell published on inequality transmission across three generations (Sociological Science) and how heritability of education rises with intergenerational mobility (PNAS). John Ermisch published on educational reproduction in Europe (Demographic Research).

COVID-19 Policy impact and Public Engagement

Our first year was marked by COVID-19. Early in the pandemic, we refocused our research efforts to rapid scientific evidence and policy. Our first COVID article appeared in May (PNAS) led by Jennifer Dowd, on age patterns and intergenerational transmission. This garnered over 200 citations and made considerable policy impact, in the European Commission, Gates Foundation and beyond. With the African Research Network, we extended this approach, published in Nature Medicine, with additional exchanges in PNAS. Our social network simulation study on 'social bubbles' led by Per Block (Nature Human Behaviour) led to applications such as a multinational construction company, UK Parliament, and local governments, and was highlighted by prominent health officials such as Francis Collins (Director, National Institute of Health, US). A Royal Society-British Academy report led by Melinda Mills on face masks and coverings was linked to policy changes in England and beyond, and presented as parliamentary evidence with global media attention. Our coronavirus hotspots dashboard in England and Wales (published in BMC Medicine), led by Mark Verhagen and focussed on population age, density, social deprivation and ethnicity, allowed us to work with local government and health authorities. We replicated this in the Netherlands, together with an app in partnership with the Amsterdam Health & Technology Institute; it is now used as a tool in cities including Amsterdam to predict high risk areas and preventive testing. Forthcoming research includes Ridhi Kashyap and Valentina Rotondi on trust and misinformation, and multiple excess mortality initiatives including work led by José Manuel Aburto. Jennifer Dowd co-founded the initiative Dear Pandemic, run by female academics in public health disciplines, to counter misinformation, and aid public understanding. Dear Pandemic's audience is estimated at over 1 Million.

Seminars and Courses

Seminar highlights from external speakers included Kristian Bernt Karlson (Copenhagen) on black-white trends in intergenerational educational mobility, Tobias Rüttenauer (Nuffield), on demographics of pollution, Sonja Vogt (Bern), using social influence to reverse harmful traditions, Fangqi Wen (Nuffield), on misperceptions of social mobility and their redistributive complications, Andy Tatem (Southampton), on geospatial data integration for mapping demographics, Francis Ni Doodoo (Penn State), on implications of bridewealth payment for women's wellbeing, Loïc Yengo, (Queensland), on

extreme inbreeding in the contemporary UK population, Gunnar Andersson (Stockholm), on social policy and fertility change, Fleur Meddens (Erasmus University), on genetics of diet & physical activity, Marion Hoffman (ETH Zürich), on a network partition model for non-overlapping groups and Alice Reid (Cambridge), on reconsidering the British fertility transition.

Melinda Mills

Director, Leverhulme Centre for Demographic Science

Individual Fellows' Academic Reports

KLAUS ADAM (PROFESSORIAL FELLOW)

My paper titled 'Do Survey Expectations of Stock Returns Reflect Risk-Adjustments?' (with S. Nagel and D. Matveev) has been accepted for publication at the Journal of Monetary Economics.

The paper analyzes the somewhat puzzling behavior of investors' stock market return expectations. When the price-dividend ratio is high (low), investors' return expectations tend to display optimism (pessimism) about future returns, despite subsequently realized returns being generally low (high). This plausibly suggests that the reason why the price-dividend ratio is high (low) in the first place is undue return optimism (pessimism) by investors. Yet, the academic literature has been reluctant to accept the notion that systematic expectational biases might be at the root of stock market fluctuations, instead arguing that return expectations collected from stock market investors may be contaminated by 'risk-adjustments'. Risk-adjustments cause agents to overweigh (underweigh) return outcomes in situations in which the marginal value of additional income is high (low) and may thus bias the average return prediction collected in investor surveys.

Our paper shows how the risk-adjustments hypothesis can be empirically tested. Using these tests, it shows that risk-adjustment cannot account for the puzzling behavior of stock market return expectations. It thus seems that we are left with optimism and pessimism as the most likely explanation for price fluctuations in stock markets.

I have also pushed ahead with my research agenda in monetary economics, developing – together with my coauthor Henning Weber – methods that allow estimating the optimal inflation target from micro price data. For the U.K. economy we estimate the optimal inflation target to be approximately equal to 2.8% and to have increased by 1.2% over the past 20 years.

Publications

(with D. Matveev & S. Nagel), 'Do Survey Expectations of Stock Returns. Reflect Risk-Adjustments?' *Journal of Monetary Economics*, forthcoming. <https://doi.org/10.1016/j.jmoneco.2020.04.010>.

ROBERT C. ALLEN (SENIOR RESEARCH FELLOW)

I spent the autumn of 2019 and the beginning of 2020 in the United Arab Emirates where I was Global Distinguished Professor of Economic History at New York University, Abu Dhabi.

The early part of 2019–20 was devoted to expanding the coverage of my *American Economic Review* paper on poverty measurement to all of the countries included in the 2011 round of the International Comparison Project. This sample includes most of the world. The upshot is that the World Bank's poverty line underestimates extreme poverty, especially in south and east Asia. The World Bank line is only on the mark for sub-Saharan Africa since almost all of the data on which it is calibrated comes from that region.

In 2019 I also completed my paper on poverty measurement for the *Annual Review of Economics*. World Bank estimates put absolute poverty in Asia and Africa at 50-60% of the population in 1980. Was it always so high? And what about the developed world – was poverty there ever at these levels? This paper extends poverty measurement into the past for England (to 1300) and India (to 1595). In England the poverty rate in 1300 was about 30% – not as high as poor countries in 1980. Poverty dropped sharply by 1688 as the economy expanded. India also had lower poverty rates in the pre-colonial period. Poverty only reached the high levels the World Bank found for 1980 under British rule.

I spent much of the year working on the interplay between technical change and the labour market in Britain and the USA, 1620-2020. We can divide the time into four periods:

1. 1620–1770 when output per worker and the average real wage both rose.
2. 1770–1870 the Industrial Revolution when output per worker rose, the average real wage was constant, and wage inequality exploded.
3. 1870–1970 when output per worker and the average real wage again rose in tandem.

4. 1970–2020 which replicates the pattern of the Industrial Revolution at least in the USA.

This research appears in my *Handbook of Historical Economics* chapter. Along with additional research on Britain since 1870, it will appear in a volume for the Deaton Review on Inequality directed by the Institute for Fiscal Studies. This research will also be the basis of the Ellen McArthur lectures that I have been invited to present at Cambridge University.

Publications

'Spinning their wheels: a reply to Jane Humphries and Benjamin Schneider', *Economic History Review*, early view, 03 May 2019. <https://doi.org/10.1111/ehr.12850>.

'Poverty and the Labour Market: Today and Yesterday', *Annual Review of Economics*, 12: 107-34, 2020.

'The Interplay among Wages, Technology, and Globalization: The Labour Market and Inequality, 1620-2020', in A. Bisin and G. Federico, eds., *Handbook of Historical Economics*, Elsevier, forthcoming.

LEWIS ANDERSON (NON-STIPENDIARY RESEARCH FELLOW)

In collaboration with Christiaan Monden and Bess Bukodi, I have continued work on the European Commission-funded project Critical Life Events and the Dynamics of Inequality: Risk, Vulnerability, and Cumulative Disadvantage (CRITEVENTS).

Our paper forthcoming in *European Sociological Review* explores associations between job loss, unemployment, and divorce in the UK. While the UK Household Longitudinal Study (UKHLS) data we use were collected before the pandemic, our analysis echoes prior evidence in suggesting that unemployment – particularly among men, and even if very brief – substantially increases risk of divorce. Individuals who experienced a job loss but no spell of unemployment saw no increase in their risk of divorce, however. Family conflict and dissolution may be an important cost for policymakers to consider in light of a possible forthcoming increase in unemployment.

An in-progress paper aims to test the ‘diverging destinies’ hypothesis with regards to educational attainment in the UK. This is the idea that – due to a range of structural influences – growing differences in demographic behaviours between low- and high-educated mothers are leading to a divergence in the life chances of children of the two groups. We have recently secured approval to use census data from the ONS Longitudinal Study to test this hypothesis in the UK, where recent decades have seen a sharp increase in the proportion of children growing up outside the context of a two-parent family.

Another paper in the works explores the mechanisms behind inequalities in mental health by gender and socioeconomic position. Here we harness the richness of UKHLS data to offer a robust test of the hypothesis that women and individuals with relatively low levels of education suffer more psychological distress in response to stressful life events. We find limited support for this idea, except that there is evidence of women exhibiting greater increases in symptoms in response to stressful life events that occur to others in the household – supporting the ‘cost of caring’ hypothesis postulated by earlier work.

Finally, I am collaborating on a project with Zachary van Winkle, now at Sciences Po, on the effect of relative poverty on fertility in the US and Germany.

Publications

(with E. Bukodi & C. Monden), ‘Double trouble: does job loss lead to union dissolution and vice versa?’ *European Sociological Review*, forthcoming. doi: 10.1093/esr/jcaa060.

BEN ANSELL (PROFESSORIAL FELLOW)

Well, it’s been a rather odd year! I have continued with my WEALTHPOL team working on our European Research Council funded project and welcomed Mads Elkjaer to the team and to Nuffield as a Non-Stipendiary Research Fellow. We have several papers out under review and experiments under way. Though of course like everything else these have been delayed by the pandemic, the timing of which was... not ideal from a logistical perspective. I was, however, fortunate to receive financial support from the University’s

John Fell Fund to run a panel survey on attitudes towards the government's various health and economic policies around COVID-19 and that is about to be put into the field. I have also worked on a paper examining comparative social distancing behaviour and its connection to political values across Europe, which I presented to the Home Office's research team. In other news, I was invited to *Start the Week* in January to talk about my work on the politics of housing and have presented that in Berlin, Bonn, Washington DC and as the first virtual guest in our own Nuffield Politics seminar. I contributed a number of articles to the UK in a Changing Europe website and wrote two articles on housing for the *Times*.

In other work, my book with Johannes Lindvall on the origins of social policies is in the final stages of proofs with Cambridge University Press and even has a cover image – it should be out either at the end of this calendar year or the start of the next. And in professional service, I have joined the Executive Committee of the Council of the American Political Science Association so have experienced the delights of trying to organize a global conference virtually. Wish us luck.

SAMUEL BAGG (POSTDOCTORAL PRIZE RESEARCH FELLOW)

Despite the devastating pandemic and economic collapse that have transformed the world in ways we cannot begin to grasp, I enjoyed my first year as a PPRF in Politics at Nuffield. I was thrown into the deep end during Week Two of Michaelmas, giving the first paper of the year for the Nuffield Political Theory Workshop. And from then on, the Nuffield community proved to be an especially fertile intellectual environment for me.

In addition to the many opportunities for exchange I had within the College, I also presented work at several events around Oxford, gave seminars at KCL and Reading, and presented papers at several international conferences.

While nothing of mine was published during the dates considered for these reports, it was a very productive year for my work in democratic theory. Three articles were accepted for publication, and three newer papers are now in the pipeline as well. However, my main project for the year was to finish my book manuscript – titled *The Dispersion of Power: A Critical Realist Theory of Democracy* – which has just been accepted for publication and

is forthcoming from Oxford University Press. By way of encapsulating my scholarly activities for the year, I'll just summarize that project briefly.

My core aim in the book is to change the way we think about democracy. To begin with, I argue, the real value of elections and other familiar democratic institutions is not to achieve collective self-rule, but simply to obstruct the efforts of political elites and other partial factions to capture the public power of the state. Of course, electoral democracies still face many forms of capture at the hands of wealthy elites and other privileged groups. Unfortunately, I contend, the palliatives favored by many democratic theorists and reformers fail to address the asymmetries of private power at the root of these problems. On my account, by contrast, the most crucial imperative for deeper democratization is to disperse private power directly – limiting elite dominance while enabling ordinary people to build organized countervailing power of their own.

The book aims to integrate the lessons of many different fields within social science to improve the theory and practice of democracy, and in that respect, it has already benefited from many informal discussions with students and Fellows from around the College. A highlight of the year was a manuscript workshop on the book in October.

SANDER BARENDSE (POSTDOCTORAL PRIZE RESEARCH FELLOW)

In early 2020 I accepted an Assistant Professorship at the University of Amsterdam (UvA) which commences January 2021. This academic year I have submitted two papers to journals which are now in the R&R phase, joint work with Andrew Patton (Duke University), and with Dick van Dijk and Erik Kole (Erasmus University Rotterdam). I've presented work at the Polish Central Bank, and the University of Cambridge. Most recently I gave a talk at the World Congress of the Econometrics Society, which was held online this August.

CHRISTOPHER BARRIE (POSTDOCTORAL PRIZE RESEARCH FELLOW)

I began 2020 by passing my Viva, and am grateful to Stathis Kalyvas and Mohammad Ali Kadivar for the close attention they gave to my work as examiners. Since that time, I have been revising some of my PhD work

and embarking on several new projects. One article, examining the effect of war on identity is now conditionally accepted at the *American Journal of Sociology*. Other articles from my PhD remain under interminable Covid-era review!

I published co-authored work with Neil Ketchley in *Political Research Quarterly* that focused on the temporal rhythms of protest after the 2011 revolutions in Egypt and Tunisia. With Michael Biggs and Andy Andrews I published a rebuttal in *Research & Politics* to a recent piece of scholarship claiming long-term effects for local civil rights protest on contemporary racial attitudes in the US.

A major change this year was my decision to embark on a new research agenda in the field of communication. I applied with Jacob Høiglit and Alexandra Siegel to a Research Council of Norway grant with from the University of Oslo and Stanford respectively for a project examining online misinformation in the Middle East and North Africa. After the George Floyd protests this summer, I used search engine data across 101 countries and 32 languages to visualize online interest in the topic of racism before and after this moment of political reckoning. It was recently published in *Socius* journal.

Once homebound, I greatly enjoyed organizing the Nuffield online sociology seminar with Tobias Rüttenauer and Fangqi Wen – a format we extended to Michaelmas Term of the 2020–21 academic year. I know I am not alone in sorely missing the buzz of intellectual life at Nuffield and these online gatherings have been a source of real solace.

In November I was offered a post as Lecturer in Computational Sociology at the University of Edinburgh. I have since accepted the post and will begin (remotely) in January. Nuffield will occupy a place close to my heart – I have learnt so much here, met so many brilliant people, and made friends that will last far longer than the four years I called it my home and place of work.

Publications

'Searching Racism after George Floyd', *Socius: Sociological Research for a Dynamic World*, 2020. <https://doi.org/10.1177/2378023120971507>.

(with N. Ketchley), 'Fridays of Revolution: Focal Days and Mass Protest in Egypt and Tunisia', *Political Research Quarterly*, 73(2): 308-24.

(with M. Biggs & K. T. Andrews), 'Did Local Civil Rights Protest Liberalize Whites' Racial Attitudes?' *Research & Politics*, forthcoming.

MATTIA BERTAZZINI (POSTDOCTORAL PRIZE RESEARCH FELLOW)

Over the course of my first year as a Prize Postdoctoral Fellow in Economics at Nuffield, I have really enjoyed getting to know my colleagues, both within the college and at the Economics department. Fortunately, I was able to do so before the COVID-19 pandemic made social interactions so difficult. During the first two terms, I chaired the Postdoc Seminars in Economics and organised several social events for the economics postdoc community from across the university. I also lectured a quantitative methods course for the master's programme in economic and social history.

My paper on the long-term effect of the roads built by Mussolini during the Italian occupation of Ethiopia was accepted (and it is now forthcoming) in the *Journal of Economic Geography*. The paper demonstrates that roads built in the 1930s made areas located in their proximity significantly richer and denser in 2015, relative to comparable locations elsewhere in the Horn of Africa. My research shows that this effect was not due to a re-shuffling of the existing economic activity, but rather due to faster economic growth in historically better-connected places during this period.

I have also made substantial progress on a project co-authored with Bob Allen and Leander Heldring, which looks at the determinants of state formation in ancient Mesopotamia. We find that some of the earliest states in history developed to solve a coordination problem linked to the construction and management of irrigation canals. We identify exogenous variation in water availability by tracing changes in the location of the Tigris and Euphrates rivers. We then show that irrigation canals and state infrastructure (as measured by the location of the capital city, the extension of the territories and the size of administrative buildings in the capital city) were concentrated in those parts of the Mesopotamian plain that were more severely affected by these shifts.

Finally, I attended several research seminars and conferences. Among others, I gave papers at the research seminars of the Universities of Groningen and Pisa, at the Bank of Italy and at the virtual CSAE conference.

BASTIAN A. BETTHÄUSER
(POSTDOCTORAL PRIZE RESEARCH FELLOW)

In the academic year 2019/20 I have pursued three main research projects. The first project seeks to disentangle the effects of different dimensions of parents' employment conditions on children's early development, educational attainment and life chances. I lead this project together with Anette Fasang at Humboldt University, Berlin, and we have received funding from the Oxford/Berlin Research Partnership for this project. To date, we have completed two draft papers based on our analyses of census data and time use data, which demonstrate how the work schedules and contract types of mothers and fathers are associated with their children's educational attainment and wellbeing. I have also published an article in *Acta Sociologica*, which shows how the social mobility chances of individuals from unskilled-working class backgrounds in Germany have developed over the past decades.

My second research project seeks to contribute to our understanding of the individual-level mechanisms that underlie the effect of individuals' social background on their educational attainment and labour market chances. This project includes collaborative work with Erzsébet Bukodi here at Nuffield College and with former Associate Member, Mollie Bourne. In our article published in the *British Journal of Sociology* this past year, we examine the role of cognitive skills and socio-emotional attributes – particularly individuals' sense of control over their lives (their 'locus of control') – in mediating the association between individuals' social background and their life chances in Britain.

The third research project examines the causal effect of macro-level institutional reforms on the intergenerational transmission of social inequality. I was awarded a John Fell Fund Award to pursue this research. This project builds on my earlier work on the relationship between institutional change and social mobility in Germany. It examines the role of different labour market policy reforms and education policy reforms in reducing or reinforcing the inequality of opportunity between individuals

from different social backgrounds in different societies, using diverse and novel data sources and quasi-experimental research designs.

As in previous years, during this past academic year I co-convoked the *Social Inequality Research Group* together with Erzsébet Bukodi, which provides a space for social scientists from Nuffield College and across the University to discuss and receive feedback on their ongoing research on the contours, causes and consequences of social inequality. I have also presented my research nationally and internationally, including at the University of Cambridge, the Sciences Po, Paris, the Center for Research in Economics and Statistics, Paris, and the University of Oldenburg in Germany. I have also sought to communicate my research findings to the wider public and to policy makers, including by contributing to an article in the CNN on social inequalities in East and West Germany, and by participating in a knowledge exchange meeting with the Department of Work and Pensions at Nuffield College. As in previous years, I also developed and taught a course on educational inequality and education policy for the MSc in Comparative Social Policy in Oxford.

Publications

'Left behind? Over-time change in the social mobility of children from unskilled working-class backgrounds in Germany', *Acta Sociologica*, 63(2):133-55, 2020. <https://doi.org/10.1177/0001699319868524>.

(with M. Bourne & E. Bukodi), 'Understanding the mobility chances of children from working-class backgrounds in Britain: How important are cognitive ability and locus of control?' *The British Journal of Sociology*, 71(2): 349-65, 2020. <https://doi.org/10.1111/1468-4446.12732>.

CHRISTOPHER BLISS (EMERITUS FELLOW)

Being locked down (or is it locked up) at home has turned my mind in a philosophical direction. I have been thinking about the long-standing issue of discounting the future in economic planning. The question is: should we weight the welfare of future generations below that of our own? This question is especially relevant when the issue is planning for the regulation of greenhouse gas emissions. If one thinks that the largest consequences of global warming will be felt towards the end of this century (this itself is a contentious claim), then even a modest rate of time discounting makes a huge difference.

Nicholas Stern in his Review of the Global Warming Problem assumed that discounting should only reflect the probability of extinction, as when a large meteorite hits the Earth and wipes out all life. He used a value of 0.01 per cent per annum for that probability, which is effectively zero. Beyond that he followed Frank Ramsey who claimed that discounting the future is immoral and reflects 'a failure of the imagination'. Underlying this argument is the supposition that future people will be just like us, sharing a common humanity. That idea is borrowed by all later economic theorists, who never consider that future generations might be unlike us in radical respects.

For a short horizon that assumption is reasonable. But what do we know of generations 50 or 75 years in the future. It is certain that they will be very different from us. Can we be sure that the future will not be like that depicted in Margaret Atwood's dystopian novel *The Handmaid's Tale*? And should that be, is it right to weight those generations equally with our own? The future might be nicer and sweeter than the present. We just do not know.

Publications:

Review article of: Tirole, Jean, *A Economics for the Common Good*, The European Legacy, 25.5: 608-09.

MARIANA BORGES MARTINS DA SILVA
(POSTDOCTORAL PRIZE RESEARCH FELLOW)

The year of 2019–2020 was my first year as a Postdoctoral Prize Research Fellow in Politics. While most of my time was dedicated to working on existing manuscripts and drafting new ones based on my previous research, I have also started a new research project this year.

During this first year, I devoted substantial time to developing my research focused on poor voters in clientelist contexts in three different manuscripts. The first two manuscripts are focused on explaining clients' electoral choices. For these two manuscripts, I develop a cultural theory of electoral behavior. This theory argues that to better understand voters' choices, we should consider how culture influences how voters perceive their interest, the strategies they develop to navigate their political contexts, and the political identities that voters craft to make sense of their place in their political environment. I apply and test this theory with my ethnographic

data from rural Brazil. In the first manuscript, entitled 'Weapons of Clients: Why Voters Support Bad Patrons', I apply this new theoretical framework to explain why clients in rural Brazil side with unreliable patrons even if they are free to vote according to their wishes. In the second manuscript, 'Varieties of Clients: How Narratives Shape Voting Choices', I use this theory to explain why poor voters who share similar perceptions about politics and patrons differ in their voting choices.

Still on my research on poor voters, I have also worked on a third manuscript entitled, 'Informal political practices and the resilience of clientelism: reconsidering the inept voter model'. In this paper, I use ethnographic evidence to contest clientelist studies' assumption that poor voters lack material autonomy and political sophistication to vote according to their programmatic preferences.

I have presented versions of these three manuscripts in different places over the year. These included invited talks at Nuffield's Politics Seminar (2019), the Brazilian Studies Programme Annual Conference (2020), and the Conference New Political Imaginaries (2020). I have also presented at the Sociology of Development Conference in Notre Dame, USA (2019).

Regarding my new project, I was awarded in March 2020 a BA/Leverhulme Small Research Grant. With this grant, I will conduct a survey experiment to test some of my doctoral dissertation's key findings regarding the role of vote buying in changing perceptions of electability in minority groups.

DAVID BRAZEL (NON-STIPENDIARY RESEARCH FELLOW)

My first full year as a Fellow was a busy and varied one. I have been funded since this past fall as a researcher on Professor Melinda Mills' ERC CHRONO project. In one area of research, I have (along with quite a few collaborators) conducted genome-wide association studies (GWAS) of reproductive traits, including age at first birth and number of children ever born. We found many novel associations between these traits and various genetic variants and, more importantly, evidence that genetic variants in the *FADS1/2* locus have been under continuous selection for many thousands of years. This work has resulted in two manuscripts, which are under review at *Science* and *Nature Human Behaviour*.

I have been very happy to contribute to two papers on the COVID-19 pandemic, one global in scope and one focused on England and Wales. In both, we examined the geospatial patterns of demographic and social risk factors for SARS-CoV-2 infection, morbidity, and mortality and how they can lead to dramatically different population health outcomes and healthcare demand.

As part of the CHRONO project, I have helped to develop DNA4Science, a forthcoming website where individuals will be able to donate their genetic and other data to research and will receive novel results and visualisations in return. As the customers of 23andMe and its competitors retain control of their data, DNA4Science may significantly expand the amount of data available to scientists.

Outside of research, I guest lectured for the Sociogenomics course and served on the steering committee of the Department of Sociology.

Publications:

(with J. Dowd, L. Andriano, V. Rotondi, P. Block, X. Ding, Y. Liu & M. Mills), 'Demographic science aids in understanding the spread and fatality rates of COVID-19', *Proceedings of the National Academy of Sciences*, 117(18): 9696-98, 2020.

(with M. Verhagen, J. Dowd, I. Kashnitsky & M. Mills), 'Forecasting spatial, socioeconomic and demographic variation in COVID-19 health care demand in England and Wales', *BMC Medicine*, 18(203), 2020.

RICHARD BREEN (PROFESSORIAL FELLOW)

My book, *Education and Intergenerational Social Mobility in Europe and the United States* (co-edited with Walter Müller, Mannheim University) was published in January 2020 by Stanford University Press. My interest in linking demography and stratification continues. I published a paper in *American Sociological Review* with two of my former students examining the role of marriage in intergenerational mobility, and together with John Ermisch and our former postdoc Satu Helske (now at the University of Turku) I published a paper in *Demographic Research* looking at educational reproduction in a number of European countries. I have also recently completed a paper with one of my current DPhil students, Hannah Hu, examining how educational assortative mating affects intergenerational mobility in the US. Fangqi

Wen (Nuffield PPRF) and I are starting a project on historical trends in intergenerational mobility in Britain using 19th century census data. Brian Nolan (INET and Social Policy) and I have recently started a three year project exploring the links between demographic behaviour and inequalities in income and wealth.

Researching COVID-19 was unavoidable: John Ermisch and I have produced two papers over the past few months, one on the geographical distribution of COVID-19 mortality and another drawing on data from Understanding Society's first monthly COVID-19 survey to estimate geographical variation in COVID-19 infections.

Publications:

(with S. Choi & I. Chung), 'How Marriage Matters for the Intergenerational Mobility of Family Income: Heterogeneity by Gender, Life Course and Birth Cohort', *American Sociological Review*, 85(3): 353-80, 2020.

(with W. Müller), *Education and Intergenerational Social Mobility in Europe and the United States*, Stanford University Press, January 2020.

(with J. Ermisch & S. Helske), 'Educational reproduction in Europe: A descriptive account', *Demographic Research*, 41: 1373-1400, 2019.

STEPHEN BROADBERRY (PROFESSORIAL FELLOW)

My research has continued to focus on economic growth and development over the last millennium. A paper co-authored with Jean-Pascal Bassino (IAO, Lyon), Kyoji Fukao (Hitotsubashi, Tokyo), Bishnupriya Gupta (Warwick) and Masanori Takashima (Hitotsubashi, Tokyo) on 'Japan and the Great Divergence, 730-1874', was awarded the Larry Neal Prize for the best article published in *Explorations in Economic History* during the previous year. In the pages of the *Journal of Global History*, I participated in a debate on the timing of the Great Divergence with Jack Goldstone (George Mason University), Paolo Malanima (Catanzo), Jan Luiten van Zanden (Utrecht) and Jutta Bolt (Groningen). I have also continued to work on a project with Leigh Gardner (LSE) on quantifying economic growth in Africa from the colonial period to the present. Having constructed GDP estimates for eight British colonies during the colonial period, we are now checking the official series for the same countries at a sectoral level for the post-colonial period, so as to provide consistent series covering the period since the 1880s.

Together with Mark Harrison (Warwick), I edited an eBook for CEPR, *The Economics of the Second World War: Seventy-Five Years On*, which was released in May 2020, seventy-five years after the end of the European phase of the war. This was a follow-up to our 2018 eBook on *The Economics of the Great War: A Centennial Perspective*. The final manuscript of *The Cambridge Economic History of the Modern World*, which I am editing with Kyoji Fukao has been delivered to Cambridge University Press and is now in production.

I continued to act as Director of the Economic History Programme at CEPR, a Theme Leader at CAGE and a Trustee of the International Economic History Association and the Asian Historical Economics Society. A number of conferences that I was involved in organising had to be postponed because of COVID-19, thus reducing the number of presentations that I made. Before the lockdown began, I made seminar or conference presentations at NYU, the African Economic History Network (Barcelona) and NYU Abu Dhabi. During the lockdown I made online webinar presentations at Hong Kong University and the Economic History Association (Pittsburgh). In College I co-organised the Economic and Social History seminar series with Jakob Schneebecher in Hilary Term.

Publications:

(with J.-P. Bassino, K. Fukao, B. Gupta & M. Takashima), 'Japan and the Great Divergence, 730-1874', *Explorations in Economic History*, 72: 1-22, 2019.

(with M. Harrison, ed.), *The Economics of the Second World War: Seventy-Five years On*, CEPR eBook (2020). <https://voxeu.org/content/new-ebook-economics-second-world-war-seventy-five-years>.

(with M. Malinowski), 'Living Standards in the Very Long-Run: The Place of Central, East and South-East Europe in the Divergence Debates', in M. Morys, ed., *New Perspectives on the Economic History of Central, East and South-East Europe, 1800 to the Present*, London: Routledge, 2020.

'Britain, the Industrial Revolution and Modern Economic Growth', in C. Wrigley, ed., *Industry and British People: Cromford, the Derwent Valley and Beyond*, Cromford: The Arkwright Society, 15-34, 2020.

'Historical National Accounting and Dating the Great Divergence' *Journal of Global History*, forthcoming.

ERZSÉBET BUKODI (PROFESSORIAL FELLOW)

In this academic year, I continued working on a project on intergenerational social mobility across European countries. More specifically, together with colleagues, I completed two papers: one on gender differences in the level and the patterns of intergenerational class mobility, and one on developing a topological model that identifies factors that account for the existence of inequalities in relative mobility rates, as distinct from those that account for cross-national variation in such rates.

I also continued working on a project that aims to bring together two strands of existing research into inequalities in individuals' educational attainment associated with their social origins: that into the relative importance of the primary and secondary effects of social origins; and that into the relative importance of different components of social origins, indicative of different kinds of parental resources. In a paper – now submitted for publication – we show that the secondary effects of social origins – their effects via the educational choices that young people make given their prior academic performance – are clearly operative across five key educational transitions within the English educational system; and that in general parental education and status are more consequential than parental class and income.

Together with Lee Elliot Major (University of Exeter) and John Goldthorpe, I have started a new project on the sociology of elites. We aim to widen the scope of research in this field and to develop a more systematic prosopographical approach than has previously been pursued, focussing not only on the social origins and educational trajectories of elites but also on the different 'pools' from which they are recruited and the different processes through which elites are selected from within pools. A conceptual paper has been submitted for publication, and a pilot project on the British scientific elite, on which Inga Steinberg (our research assistant) is also working, is under way.

Finally, with Alexi Gugushvili and Yizhang Zhao, I have published a paper on the connection between intergenerational educational mobility and smoking; with Christiaan Monden and Lewis Anderson, I have worked on a project investigating the interrelation between union dissolution and job loss (one paper is revised and resubmitted, two others are in preparation); with Bastian Betthaeuser, I have published a paper on the importance of cognitive ability

and non-cognitive attributes in the mobility chances of young people from disadvantaged backgrounds; and with Brian Nolan and Leonie Westhoff (research assistant), I am investigating class differences in individuals' earnings trajectories in a comparative, cross-national perspective.

Publications:

(with M. Paskov), 'Intergenerational class mobility among men and women in Europe: Gender differences or gender similarities?' *European Sociological Review*, 36: 495-512.

(with J. H. Goldthorpe), "Primary factors' in intergenerational class mobility in Europe: Results from an application of a topological model', *European Sociological Review*, forthcoming.

(with B. Betthäuser & M. Bourne), 'Understanding the mobility chances of children from working-class backgrounds in Britain: How important are cognitive ability and locus of control?' *The British Journal of Sociology*. doi: 10.1111/1468-4446.12732.

(with A. Gugushvili & Y. Zhang), 'Intergenerational educational mobility and smoking: A study of 20 European countries using diagonal reference models', *Public Health*. doi: 10.1016/j.puhe.2019.12.009.

(with L. Anderson & C. Monden), 'Double trouble: does job loss lead to union dissolution and vice versa?' *European Sociological Review*, forthcoming. doi: 10.1093/esr/jcaa060.

SUSANA CAMPOS-MARTINS (RESEARCH FELLOW)

I joined the Climate Econometrics group and Nuffield College in October 2019 shortly after visiting the NYU Stern School of Business where I worked with Robert F. Engle and completing my Ph.D. in Economics at the University of Minho.

Since then, I continued working on the new GEOpolitical VOLatility (GEOVOL) model with Robert F. Engle. This is a statistical model of geopolitical risk posed by geopolitical events that move all markets at the same time. It is thus designed to empirically measure the magnitude and impact of common shocks to the volatilities of a very wide class of financial assets. Estimates of GEOVOL for a global set of country assets have been recently

made available at the V-Lab website, the Volatility and Risk Institute, to provide users worldwide a means of properly identifying and quantifying geopolitical risk.

Reducing fossil fuel use and its consequent disruptive technological progress have systemic implications for a wide range of carbon-intensive asset prices. These effects are compounded by the geopolitical nature of the transition towards a green economy (whose speed and timing are uncertain) and regulatory risks (e.g. carbon pricing). Jointly with David F. Hendry, we applied the GEOVOL model to study the impact of climate change news on the returns of major oil and gas stocks around the world. Results point out a significant effect of climate change (both bad and good) news to major oil and gas share prices. Furthermore, it appears that bad news has a positive and increasing effect on their volatilities, and tends to amplify the effects of volatility shocks driven by oil price shocks. Our empirical evidence reinforces the view that investors in fossil fuel companies are now pricing climate change. The reasoning that has moved fossil fuel markets while reducing their carbon footprint can now be expected to do so when reducing the carbon 'foodprint'. The agriculture sector shall not suffer the same fate as the stranded assets facing fossil fuel industries. As food is essential, the key must be to improve agriculture practice and make a sustainable agriculture sector, not damage it (letter published in the *Financial Times* on September 24th).

On the relevance of the World Health Organization (WHO) in the COVID-19 pandemic, David F. Hendry and I published a letter in the *Financial Times* on May 22nd about the impact of the WHO and its announcements on financial markets. Resorting to the GEOVOL model and for a panel of sovereign debt indices around the world since 1989, we found that two of the largest geopolitical shocks correspond first to the imposition of mandatory confinement in Italy and second to the announcement of the pandemic by the WHO and the speech of President Donald Trump from the Oval Office later the same day. In both cases, the volatilities of sovereign debt indices were all well above average, which mirrors a vast impact on financial markets. Had the WHO announced the pandemic earlier, as some argue, it could have been a false alarm and resulted in an unnecessary disruption of markets. Decisions of this dimension and geopolitical nature deserve careful consideration and caution.

As part of the Lindau Nobel Laureate Meetings Online Science Days 2020, young scientists and economists worldwide met to develop ideas to answer important questions relating to climate change, capitalism and the new coronavirus. Jointly with group Barreda, we have produced a video on 'Communicating Climate Change' targeted to children. The story tells a conversation between Timothy, a little boy, and Dr. LarraBee, a scientist bee that travels from the future to warn Timothy about what is going to happen to the planet if people don't take action and change behaviours. The video has won second place at the Sciathon 2020 competition.

Publications

(with D.F. Hendry), Letter in *Financial Times*, Friday May 22, 2020. <https://www.ft.com/content/3597d931-2e71-4539-bb6f-60758c1ad8e5>.

(with R. F. Engle), 'Measuring and Hedging Geopolitical Risk', September 1, 2020. Available at SSRN. <https://ssrn.com/abstract=3685213>. Geopolitical volatility Index available at NYU Stern V-Lab. <https://vlab.stern.nyu.edu/analysis/GEORISK.COUNTRY-GD.GEOVOL>.

(with D.F. Hendry), Letter in *Financial Times*, Thursday September 24, 2020. <https://www.ft.com/content/e8c512d8-495f-40b2-90fe-7811b6d6ed8e>.

LUCIE CLUVER (PROFESSORIAL FELLOW)

I was delighted to start at Nuffield College in October 2019. Until March, my work focused on our South African cohort of adolescents living with HIV, and our randomised trials and cohorts of parenting support programmes to prevent violence against children in low-resource countries. With our African and UK colleagues in our UKRI Global Challenges Research Fund Accelerate Hub, we are starting to develop the first papers on 'development accelerators': policies or services that can provide positive impacts across multiple Sustainable Development Goals. Our next essential step is to understand cost-effectiveness across multiple human development outcomes concurrently.

With COVID-19 came a new and urgent need. School closures and lockdowns increase child abuse. With Dr Jamie Lachman and colleagues, we established a rapid collaboration with WHO, UNICEF, the Global Partnership to End Violence, USAID, CDC and UNODC. We adapted our evidence-based

parenting programmes into open-source resources, translated by volunteers into 104 languages and released alongside commentaries in the *Lancet* and *Nature Human Behaviour*. These have now been used by 124 million people in 182 countries. We have seen remarkable innovation – parenting support delivered in food parcels, through radio sermons and played through loudspeakers to rural villages. Beyond the emergency response, we are now working with WHO and UNICEF to develop and test more intensive human-digital delivery modes for parenting support. It seems that this is a time when we need to move swiftly, but to maintain our absolute commitment to rigorous research.

Selected publications

(with E. Toska, C. Laurenzi, C. Wittesaele, L. Sherr, S. Zhou & N. Langwenya), 'Reproductive Aspirations, contraceptive use and dual protection amongst adolescent girls and young women: the effect of motherhood and HIV status', *Journal of the International AIDS Society*, 23(5), Sept 2020. doi:10.2105/AJPH.2008.137232.

(with B. Perks), 'The Parenting Vaccine. *Nature Human Behaviour*', (correspondence) *Online ahead of print*, Aug 2017. doi.org/10.1038/s41562-020-0932-8.

(with Y. Shenderovich, F. Meinck, M. Berezin, J. Doubt, C. Ward, J. Parra-Cardona, C. Lombard, J. Lachman, C. Wittesaele, I. Wessels, F. Gardner & J. Steinert), 'Parenting, mental health and economic pathways to prevention of violence against children in South Africa', *Social Science & Medicine*, 262, Article 113194, 2020. doi.org/10.1016/j.socscimed.2020.113194.

(with J. Lachman, L. Sherr, I. Wessels, E. Krug, S. Rakotomalala, S. Blight, S. Hillis, G. Bachman, O. Green, A. Butchart, M. Tomlinson, C. Ward, J. Doubt & K. McDonald), 'Parenting in a time of COVID-19', *The Lancet* (letter), 395(10231), e64, Apr 11, 2020. doi.org/10.1016/S0140-6736(20)30736-4.

(with J. Steinert, et al), 'Opening the Black Box: A Mixed-Methods Investigation of Social and Psychological Mechanisms Underlying Changes in Financial Behaviour', *Journal of Development Studies*, 1-22, Feb 2020. doi.org/10.1080/00220388.2020.1715946.

SARAH CLIFFORD (POSTDOCTORAL PRIZE RESEARCH FELLOW)

I have spent the second year of my postdoctoral fellowship working on topics related to the taxation of firms and households, as well as expanding my research agenda with two new projects concerning the corporate finance of the multinational firm. In one of these projects, I and my co-author Jakob Miethel investigate how the multinational firm uses its global structure to insulate against credit shocks during a time of crises. Analyzing the use of internal loans between the different entities of a multinational firm, we try to shed light on the mechanisms of co-insurance that play out within multinational firms when hit by an outside shock. We further investigate whether these mechanisms are dependent on specific characteristics such as for instance a wide international network.

I have further made progress on a project with my co-author Panos Mavrokonstantis, where we analyze a reporting policy in the context of charitable contributions in the Republic of Cyprus. The reporting policy is a hybrid between third-party reporting and self-reporting, and we find that it effectively disincentivizes tax evasion. The paper received a *revise and resubmit* response from the *Journal of Public Economics* earlier this year.

While a substantial part of the year has been characterized by the global pandemic and the disruptions that this has unfortunately brought, I have still had the opportunity to present my work at various occasions including at the European Economic Association Congress 2020.

This year was also my first year in the role of Junior Dean at Nuffield, and I have enjoyed interacting with the students of Nuffield as well as other members of the College. I will continue in this role for the coming year, which I look very much forward to.

SIR DAVID COX (HONORARY FELLOW)

My research on the theory and application of statistical methods has continued through the year, inevitably slowed by the lockdown, very especially by the absence of direct face-to-face conversation. I have been privileged throughout by frequent discussion with three Associate Members of the College, Heather Battey (Dept of Mathematics, Imperial College), Ruth Keogh (LSHTM) and Christiana Kartsonaki (Kardorie Unit, Oxford).

With Dr Kartsonaki I have continued supervision of Masters dissertations. By Skype I spoke at the 100th birthday celebrations of the Indian statistician C.R.Rao.

Publications:

'Statistical significance', *Annual Review of Statistics and its Application* 7: 1-10, 2020.

(with R. Keogh & C. Kartsonaki), 'Statistical science: some current challenges', *Harvard Data Science Review*, 2, 2020.

(with H. Battey), 'High dimensional nuisance parameters: an example from parametric survival analysis', *Information Geometry*, 2, 2020.

IAN CRAWFORD (PROFESSORIAL FELLOW)

My principal focus this year has been completion of a project on the analysis of intertemporal choices. The key issue is how individuals weight the future when making decisions and plans now. The standard economic model used in this area has come in for a great deal of criticism, indeed its originator, Paul Samuelson, disavowed the model in almost the same breath as introducing it. My project has been looking at an alternative model which relaxes one of the main assumptions in the standard model. However this alternative suffers from the drawback that it was not known whether it was falsifiable using observational data. We showed that it is. We also showed how to identify various aspects of the model empirically (a question which has been controversial in the literature recently). The resulting paper 'Nonparametric Analysis of Time-inconsistent preferences' is now forthcoming in the *Review of Economic Studies*.

PEPPER CULPEPPER (PROFESSORIAL FELLOW)

My research this year has been focused on a project funded by an Advanced Grant from the European Research Council to study the intersection of media coverage, public attitudes toward the banking sector and public policy since the financial crisis of 2008 (Banklash). Working with two talented post-doctoral Fellows, Tom Nicholls and Jae-Hee Jung, I am in the process of pulling together an exhaustive computational analysis of the amount and tenor of press coverage of banks in Australia, France, Germany, Switzerland, the United Kingdom and the United States. At the same time, we are using

surveys in these countries to establish what views (if any) the public holds about the most desirable form of financial regulation, and through a series of survey experiments we are attempting to establish how different sorts of media coverage can influence the political mobilization and political attitudes that individuals hold towards banks and about banking regulation.

We fielded three waves of surveys in 2020, in cooperation with the firm YouGov (for Australia, France, Germany, the United Kingdom and the United States) and LINK (for Switzerland). The first wave began in the second half of January, and the final wave is scheduled to finish by mid-September.

On the media analysis side of the project, we have pulled together a nearly complete unique dataset of all the articles published on the topic of the banking in the six countries. Together with Tom Nicholls, I published an article in *Political Communication* that applied various existing approaches to using unsupervised computational analysis to determine media frames, demonstrating challenges and opportunities for this research objective.

Publications

(with T. Nicholls), 'Computational identification of media frames: strengths, weaknesses and opportunities', *Political Communication*, forthcoming, 2020.

(with T. Lee), 'Media frames, partisan identification, and the Australian banking scandal', *Australian Journal of Political Science*, forthcoming, 2020.

(with T. Lee), 'The art of the shitty deal: media frames and public opinion on financial regulation in the United States', *Socio-Economic Review*, forthcoming, 2020.

JOHN DARWIN (SENIOR RESEARCH FELLOW)

Like most colleagues I found my external activities sharply curtailed by the onset of the virus and then the lockdown. Before that I was able to visit Copenhagen University in October 2019 to give a lecture on 'mobility and history' (in retrospect a somewhat ironic title). Enforced domestication did at least allow the completion of my book on port cities and globalization in the age of steam, 1830-1930, which is to be published by Penguin/Allen Lane in October 2020. I hope to pursue one of its key themes over the next three years: the constraints and opportunities that have come with the shifts

in the technology of communication from the earliest times, each of which has imposed certain ‘channelling’ effects, that favour particular routes, particular kinds of movement, particular activities, particular exchanges, tangible or intangible, and – not least – particular parts of the world. How far and in what ways different kinds of mobility have shaped historical patterns of trade and migration, the differential spread of religions, ideologies (and diseases), and the shape of states and empires is the ‘headline’ question. It offers a whole continent of topics to explore, and how to make it a manageable project will be the first (and perhaps severest) challenge.

ROOSMARIJN DE GEUS (RESEARCH FELLOW)

As one of the members of the British Election Study (BES) team, I spent the majority of my time this year on the European elections in June and the general elections in December. I worked together with Jane Green, Geoff Evans and our Manchester colleagues to conduct various surveys of the British electorate surrounding these elections. A key part of our work is to communicate our insights to the broader public, and in light of this we attended the academic conference on Elections, Public Opinion and Parties (EPOP) in September 2019 in Strathclyde where we hosted a consultation to collect input for BES surveys. Later in the year we worked together with ‘UK in a Changing Europe’ to host an event in London prior to the general elections. At these events, members of the BES discussed long- and short-term trends and developments in British politics using the data that we collected. Personally, I’ve been working with Jane Green and Geoff Evans on research that analyses support for UKIP, the Brexit party and the Conservative party and with Jane Green on research that explores the quality of survey responses, as well as working on contextual data and the BES.

In addition to my work on British elections, I also conduct research on gender and politics. This year I published a paper with Rosalind Shorrocks that explores the policy positions of conservative female candidates. Using data on 21 democracies, we show that the policy positions of female conservative candidates are different when compared to male conservative candidates. We suggest that female candidates appeal to a different (mostly female) part of the conservative electorate. I further published a paper with colleagues from the University of Toronto and Melbourne University that explores whether voters judge female politicians more harshly for a decline

in performance compared to male politicians. Using online experiments, we show that this is not the case.

Some of my ongoing projects consist of an edited volume on women's representation in Canadian politics for the University of Toronto Press. In addition, as part of a gender and elections research stream with the Nuffield Politics Research Centre, I will work on a project on the role of sexism in UK elections and a project on women's support for the Brexit Party. I will also continue to work with the BES on various projects related to British politics.

Publications:

(with R. Shorrocks), 'Where do female conservative candidates stand? A cross-national comparison of the ideology of female conservatives.' *Journal of Women, Politics and Policy*, 41(1): 7-35, 2020.

(with J. R. McAndrews, P. J. Loewen & A. Martin), 'Do voters judge the performance of female and male politicians differently? Experimental evidence from the United States and Australia.' *Political Research Quarterly*, 2020.

NAN DIRK DE GRAAF (OFFICIAL FELLOW)

With regard to my research on religion, a paper together with Jörg Stolz and Detlef Pollack, answering the question 'Can the State Accelerate the Secular Transition?', was accepted for publication in the *European Sociological Review*. We have been working on a new paper starting from the observation that the sociological literature has produced a remarkably consistent picture of the quantitative patterns of religious disaffiliations in western countries. We argue, and demonstrate, that strong changes in a social context may lead individuals, irrespective of age, to disaffiliate rapidly, leading to very different aggregate effects inconsistent with the 'western model'. We use the unique situation of the separation of Germany from 1949 to 1989 and its subsequent reunification as a 'natural experiment' to show just how much the relationships routinely found can be disrupted under altered conditions.

A paper with Chaeyoon Lim (Wisconsin), published in *Sociology of Religion*, explores the complex relationship between local religious environments and individuals' religious involvement. For this purpose, we reconsider Berger's plausibility thesis and unpack its theoretical mechanisms by (1)

conceptualizing religious diversity from each religious group's perspective; (2) decomposing the diversity of the population into the religious outgroup's share and diversity; and (3) including non-affiliated as part of local religious contexts. Focusing on Protestants, Catholics, and non-affiliated, the analysis reveals that although religious diversity, especially the share of the religious outgroup, tends to be associated negatively with religious involvement, there are important differences in how religious diversity is related to religiosity among different religious groups including Protestants and Catholics.

With Klarita Gerxhani and Werner Raub I continued working on our handbook on rigorous theoretical and empirical sociology. For this handbook we have been preparing a workshop in Nuffield College, but due to COVID-19 it is likely that we will have to organize it online. I am involved in several chapters. One chapter, together with Dingeman Wiertz, is on the potential contribution of Sociology with regard to climate change issues.

Together with Fijnanda van Klingeren I am involved in revising a paper for a re-submit testing the impact of heterogeneity and trust on quality and balance of common-pool resources employing data gathered by Elinor Ostrom.

With Anthony Heath I started to work again on a paper estimating the impact of the class position of both spouses on female political party identification. Employing BES-data covering 46 years, the results reveal that male dominance disappeared completely in the most recent cohort and that a sharing model currently applies.

With regard to our recent interdisciplinary book on societal problems (published together with Dingeman Wiertz in 2019), I gave invited lectures at the European University Institute in Florence and the Hertie School in Berlin.

Publications:

(with J. Stolz & D. Pollack), 'Can the State Accelerate the Secular Transition? Secularization in East and West Germany as a Natural Experiment', *European Sociological Review*, 34: 626-42, 2020.

(with C. Lim), 'Religious Diversity Reconsidered: Local Religious Contexts and Individual Religiosity', *Sociology of Religion: A Quarterly Review*, 2020. doi: 10.1093/socrel/sraa027.

DAVID DELACRETAZ (POSTDOCTORAL PRIZE RESEARCH FELLOW)

This was my second year at Nuffield College and I have enjoyed the intellectual and social life that the College provides, in what has now become a familiar environment. I have organised the Learning, Games, and Networks seminar together with Stephen Nei and will continue to do so in the coming academic year, this time with Bernhard Kasberger (Queen's). I have been selected to attend the Lindau Meeting in Economic Sciences, which was originally scheduled for August 2020 but will now take place in August 2021.

On the research front, I have published two papers. The first one – joint with Peter Troyan and Andrew Kloosterman (Virginia) and published in *Games and Economic Behavior* – proposes a solution to the trade-off between fairness and efficiency that arises in matching markets and can be applied to real-world settings such as the allocation of places in state schools. The second one – joint with Scott Kominers (Harvard) and Alex Nichifor (Melbourne) and published in the *Journal of Mathematical Economics* – provides a comparative static result that can help guide the design of auctions and matching markets.

I have two papers currently under review. The first one – joint with Scott Kominers (Harvard) and Alex Teytelboym (St Catherine's) – proposes matching mechanisms to resettle refugees in a way that accounts for their preferences. The second one – joint with Simon Loertscher (Melbourne) and Claudio Mezzetti (Queensland) – connects the deficit that an auctioneer has to incur in order to incentivize agents to reveal their value truthfully to the difference between the highest and lowest equilibrium prices that would clear the market.

I have written a new paper on rationing problems, partly inspired by the COVID-19 crisis and the need to allocate scarce medical resources but with additional applications, such as school admissions. The paper proposes a new and more transparent solution to allocate a scarce resource when various ethical values have to be reconciled.

Before the pandemic, I presented my work at the Transatlantic Theory Workshop (held at Nuffield College and joint with Northwestern and Paris),

the Lisbon Meetings in Game Theory and Applications, and the first UK Matching Workshop (held in London). Since I have been stuck at home, I have given online talks at Stanford University and HEC Lausanne.

XUEJIE DING (NON-STIPENDIARY RESEARCH FELLOW)

Over the course of last year, I published two chapters from my DPhil thesis. Both of them adopt a sociogenomic approach to understand the biosocial determinants of health. One of the paper uses genetic risk scores for education from the recent genome-wide association studies (GWAS) as an instrumental variable and explores the causal effect between educational attainment and a variety of health outcomes. In the other paper, I studied whether the effect of genetic predictors on individual differences in cognition becomes more or less prominent over the life course. In this analysis of over 5,000 older adults from the Health and Retirement Study in the US, I find that individuals with higher polygenic risk scores for education perform better across all measures of cognition in later life, and the effect diminishes in old age.

During the COVID-19 outbreak, I worked with colleagues on showing how demographic science, specifically, the age structure of a population may help explain differences in fatality rates across countries and how transmission unfolds. We illustrate how the pandemic could unfold in populations with similar population sizes but different age structures, showing a dramatically higher burden of mortality in countries with older versus younger population. This research has drawn much media attention and many academic discussions.

Another research theme over the past year has been focused on exploiting the unfolded relationship between genetics, childhood circumstances, women's fertility patterns and later health outcomes. I test the gene-environment correlation hypothesis by constructing polygenic scores for age at first birth using recently available GWAS results and molecular genetic data on a sample of non-Hispanic white females from the Health and Retirement Study. I also use path analysis to investigate whether age at first birth mediates the association between childhood stressful event and health conditions in later life, and whether the genetics associated with AFB influence later health outcomes via mediated or biological pleiotropy. An earlier version of this paper is accepted by the *2020 Population Association*

of America Annual Meeting (poster session) and the 2020 European Population Conference (Oral presentation). Both unfortunately cancelled due to the pandemic.

In terms of teaching, I gave a lecture on the genetics of education, health and cognitive decline to the MSc and MPhil students in sociology in the lecture series Sociogenomics: Genetics & Society. I also provided demography tutorials for undergraduate students in several colleges.

Publications:

(with J. B. Dowd, L. Andriano, D.M. Brazel, V. Rotondi, P. Block, X. Ding, Y. Liu & M. C. Mills), 'Demographic science aids in understanding the spread and fatality rates of COVID-19', *Proceedings of the National Academy of Sciences*, 117(18): 9696-98, 2020.

'Biosocial determinants of health outcomes: new approaches and evidence', PhD thesis, University of Oxford.

(with N. Barban, & M. C. Mills), 'Educational attainment and allostatic load in later life: Evidence using genetic markers', *Preventive medicine*, 129: 105866, 2019.

(with N. Barban, F. C. Tropf & M. C. Mills), 'The relationship between cognitive decline and a genetic predictor of educational attainment', *Social Science & Medicine*, 239: 112549, 2019.

MADS ELKJAER (NON-STIPENDIARY RESEARCH FELLOW)

After defending my PhD dissertation at the University of Southern Denmark in December 2019, I joined Ben Ansell's WEALTHPOL team and Nuffield College in winter 2020. Together with people from the WEALTHPOL team, I have been working on a paper that seeks to understand the political and economic determinants of social distancing during the COVID-19 pandemic in Europe. In other papers, we have examined how the political-economic context shapes wealthy individuals' tax preferences.

Since joining the College, I have also finished and published two papers from my PhD dissertation on inequality in political representation. The papers develop and test a theory that explains the accumulated body of research suggesting that public policies are driven mainly by the preferences of the

rich. The results of the papers suggest that the overrepresentation of the rich, documented by previous research, may merely reflect that the rich are better informed about politics and the economy than lower income classes, and that the middle class remains politically pivotal.

Publications:

(with T. Iversen), ‘The Political Representation of Economic Interests: Subversion of Democracy or Middle-Class Supremacy?’ *World Politics*, 72(2): 254-90, 2020.

‘What Drives Unequal Policy Responsiveness? Assessing the Role of Informational Asymmetries in Economic Policy-Making’, *Comparative Political Studies*, 53(14): 2213-45, 2020.

MARTIN ELLISON (PROFESSORIAL FELLOW)

The highlight of my academic year was undoubtedly the opportunity to speak at a conference celebrating the centenary of Keynes’s *Economic Consequences of the Peace*. It was a great honour to present to a distinguished audience of Keynes scholars in front of a bust of the man himself, in the eponymous Keynes Lecture Theatre of King’s College Cambridge. We all enjoyed the special thrill of debating in the presence of the actual Treasury Bag that Keynes used at the Paris Peace Conference in 1919. My presentation linked the difficulties Britain faced in funding the Great War to the end of British hegemony, arguing that generous concessions to domestic bond holders and the hard-nosed attitude of foreign creditors reduced the global influence of Britain. A companion piece was subsequently published in a volume edited by the International Monetary Fund, an organisation whose very foundations hold a debt to Keynes as leader of the British delegation to the Bretton Woods conference in 1944.

Another first was presenting the Annual Report of the Finnish Economic Policy Council in Helsinki in January. The report was the culmination of a year’s deliberations on Finnish economic policy by the council members and secretariat. As the external committee member, I expected to find that Finnish policy would be well run and fiscally responsible; attitudes in Finland are ultimately close to those in the so-called ‘frugal four’ of Austria, Denmark, Sweden and the Netherlands. My expectations were largely met, although digging into the budget plans revealed uncomfortably large sustainability

gaps and a lack of detailed policy planning. We led the press conference for the publication of our report with the headline 'Loose fiscal policy lacks a proper plan for fiscal sustainability'. The day the report was released was an education in itself. We were very much in the eye of the storm, which even in Finland had surprising energy. Our report was covered by all media outlets and immediately drew a promise from the Prime Minister, Sanna Marin, to take our recommendations seriously. My trip proved to be my last outside the UK of the academic year. If the council had known what was coming we might have had different recommendations. Next year's report will be doubly interesting.

The start of COVID-19 lockdown in March 2020 provided a moment to pause and reflect on priorities, a chance to have an academic 'pit stop'. Some academics reacted to the lockdown by focussing their energy on how research can better help understand and deal with the epidemic. Still others used the calm of lockdown to push ahead with their own research agenda. Whilst there are benefits to both approaches, my comparative advantage lies with the latter. I have therefore spent lockdown pursuing the topics that have held my interest for the last few years: the term structure of interest rates, unemployment traps, consumption risk sharing, the Great Depression, and the benefits of anti-ageing treatments. I have enjoyed the freedom to concentrate in a way last possible in grad school.

Publications:

(with A. Scott), 'Managing the UK National Debt 1694-2018', *American Economic Journal: Macroeconomics*, 12(3): 227-57, 2020.

(with T. J. Sargent & A. Scott), 'Funding the Great War and the Beginning of the End for British Hegemony', in E. Dabla-Norris, ed., *Debt and Entanglements between the Wars*, International Monetary Fund, Chapter 2: 59-79, 2019.

PER ENGZELL (POSTDOCTORAL PRIZE RESEARCH FELLOW)

This year I have continued my work on intergenerational social mobility and its variation across place and time. Several of my projects draw on historical population censuses that are recently available to analyse with quantitative tools for the first time. With three economic historians at different Swedish universities (Thor Berger, Björn Eriksson, and Jakob Molinder), I have finished a first draft on occupational mobility in Sweden before the welfare state. I also published a paper in *Sociological Science* using modern-day Swedish

population data on income in three generations with Carina Mood and Jan O. Jonsson. A project which aims to bridge the historical and modern data to address similar topics was awarded 4.6 million SEK (£400k) from the Swedish Research Council. The project will be carried out in Stockholm with Martin Hällsten and Martin Kolk.

I have also pursued several projects with Thor Berger on the changing demographics and geography of social mobility in the US. A paper we published in *Socius* examines the perception of upward economic mobility among American cohorts born from the Baby Boom onwards. Although fewer today surpass their parents in income, education, and occupational status, the vast majority still rate their standard of living as higher. At the same time, polarization is on the rise: less educated and rural populations are slipping behind at an alarming rate. In a separate paper currently under review, we focus on the income mobility of children who grow up in deindustrializing communities, and find that they are less likely to be upwardly mobile than children in similar areas less exposed to automation.

With Felix Tropf, who recently left Oxford to take up an Assistant Professorship in Paris, I published a piece in the *Proceedings of the National Academy of Sciences* where we ask how the balance between genetic and social influences on education depends on whether institutions promote social mobility. In it, we draw on the classical twin design and data on nearly 50,000 twins across 10 countries and several cohorts. In unequal countries where schooling is strongly transmitted from parent to child, the family environment turns out to be a more important channel. Conversely, in egalitarian systems where the influence of family background is less pronounced, genetic factors gain in explanatory power. We also wrote about this research for several popular outlets and blogs, including for *Population Europe*, *VoxEU*, and the *American Sociological Association*.

Throughout the year I have worked on several other projects, including one with Nathan Wilmers (MIT) on family networks in hiring, two separate ones with Isabel Raabe (Zürich) and Are Skeie Hermansen (Oslo) on peer influence in European secondary schools, and one on the impact of the ongoing pandemic on student progress in the Netherlands with DPhil students Arun Frey and Mark Verhagen. In September 2020, I transitioned to a postdoctoral position at the Leverhulme Centre for Demographic Science and will remain with Nuffield College as a NSRF.

JOHN ERMISCH (SENIOR RESEARCH FELLOW)

Like many others, I have been studying infection and mortality during the COVID-19 pandemic as part of the Inequality research programme at the Nuffield College's Leverhulme Centre for Demographic Science.

One paper addressed the measurement of 'excess deaths' from the COVID-19 pandemic up to the end of May 2020, the peak period of the pandemic so far. <https://www.demographicsscience.ox.ac.uk/post/covid19-excess-deaths-in-england-and-wales>

Another paper, with Richard Breen, used geographic variation in mortality to study the distributional impact of COVID-19 <https://www.demographicsscience.ox.ac.uk/post/working-paper-the-distributional-impact-of-covid-19-geographic-variation-in-mortality-in-england>. We studied age and sex standardized death rates from COVID-19 during March through May 2020 in English Local Authority areas. Even after controlling for an imperfect measure of the rate of infection in the area, death rates are higher in areas of higher population density. After controlling for population density but not infection rates, the relationship between an area's social deprivation and its COVID-19 mortality rate is much weaker than the relationship between social deprivation and mortality rates more generally, including non-Covid mortality in 2020, pointing to the distinctiveness of the distributional impact of COVID-19. Most strikingly, an area's non-white proportion of population has a large positive association with age and sex standardized COVID-19 mortality, in contrast to a negative association with 2020 non-COVID-19 mortality and with 2018 mortality. We also find a positive spill-over from COVID-19 mortality in neighbouring areas to an area's COVID-19 mortality, which contrasts with the virtual absence of spatial spill-over in 2018 mortality and non-COVID-19 2020 mortality.

During mid-April through mid-June, I wrote a blog which regularly forecast UK COVID-19 cases and deaths two weeks ahead. For the last blog in the series see <https://www.demographicsscience.ox.ac.uk/post/the-likely-progress-of-covid-19-in-the-uk>.

A paper with Richard Breen used the new Understanding Society COVID-19 survey (<https://www.medrxiv.org/content/10.1101/2020.07.22>).

20159806v1). The advantage of these data is that they allow an examination of infection rates for people with particular characteristics. We studied how reported symptoms vary in the population and relate reported symptoms to a positive COVID-19 test in the small sample in the survey who were tested. Combining these probabilities we find that the chances of infection increase with a person's education level, are lower and declining with age among those aged over 55, and were higher in the West Midlands and London and lower in the North East than in the rest of the country, and tended to increase with regional population density. There is also evidence that the infection rate was lower among those of a Caribbean origin. A suitably cautious estimate of the mean infection rate is that, during the period up to the end of April 2020, it was between 2% and 8%, with a central rate of about 5%.

Publications:

(with R. Breen & S. Helske), 'Educational reproduction in Europe: A descriptive account', *Demographic Research*, 41: 1373–1400, 2019. doi: 10.4054/DemRes.2019.41.49.

'Book Review of Love, Money and Parenting. How Economics Explains the Way we Raise our Kids' by M. Doepke and F. Zilibotti', Princeton University Press, Princeton, 2019. ISBN: 978-0-691-17151-7), *Journal of Economic Inequality* 18(3): 445-47, 2020 10.1007/s10888-020-09443-w.

GEOFF EVANS (OFFICIAL FELLOW)

During the year, the BES team published their book on 'Electoral Shocks', explaining the emergence of the volatile politics of the current era. This was launched at various academic events in London towards the end of 2019. My other ongoing research into contemporary politics includes an analysis of the effectiveness of the Conservative Party's targeting of the 'radical right' constituency of UKIP and Brexit Party supporters and the role of Boris Johnson's leadership in the 2019 electoral victory (with Rose de Geus and Jane Green). I'm also examining the extent to which a Leave/Remain social identity has continued to shape political and social divisions (with Florian Schaffner), and have broadened this interest with research into the EU's public response to Brexit (with Ann-Kathrin Reinl). Recently, I have focused on political aspects of the COVID-19 pandemic, including an analysis of the generalized move to authoritarianism among the US public (with Greg Volynsky and Danny Oppenheimer), while Jane Green, Dan Snow

and I are examining the political impact of the pandemic in Britain in a study of the factors – values, exposure, and self-interest – influencing people's endorsement or rejection of social distancing and 'lockdown'.

I have also maintained my long-standing interest in aspects of class politics. A long-term study of impact of party ideological positioning on class divisions in turnout shows how this is mediated by the lack of representation of the political values of both the working class and the self-employed and is expressed primarily amongst the youngest cohorts (with Leo Azzolini). A panel analysis across 17 years examining the impact of class mobility on support for redistribution, socio-cultural attitudes and social identity (with Peter Langsaether and Tom O'Grady), is now forthcoming in the *British Journal of Political Science*, while Rune Stubager, Peter Langsaether and I have been examining cross-national differences in the links between occupational class position and class identification. Jon Mellon and I are currently examining the role of educational differences in explaining the recent realignment of class political divisions from a focus on economic redistribution to social conservatism. Additionally, I have been writing reviews of the relationships between social class, education and politics for forthcoming Oxford and Cambridge Handbooks in *Political Psychology*, *Social Stratification*, and *Political Participation*, and of the changing nature of class political divisions for the *Oxford Research Encyclopaedia of Politics*.

Although involved in various media appearances around the 2019 General Election, and London conferences as part of the BES, for obvious reasons many conference presentations were cancelled in 2020. Courtesy of Zoom, I was a member of the committee advising the Catalonian government on their appointment of senior scholars via the ICREA organisation. I also continued my roles on the editorial boards of *Electoral Studies*, *Political Studies* and *European Union Politics*.

Publications

(with P. Langsaether), 'Explaining class differences in support for redistribution: A comparative analysis', *British Journal of Sociology*, 71(4): 594-607, 2020. <https://doi.org/10.1111/1468-4446.12747>.

(with C. Prosser, E. Fieldhouse, J. Green & J. Mellon), 'Tremors But No Youthquake: Measuring Changes in the Age and Turnout Gradients at the

2015 and 2017 British General Elections', *Electoral Studies*, 2020. 10.1016/j.electstud.2020.102129.

(with E. Fieldhouse, J. Green, J. Mellon, C. Prosser, H. Schmitt & C. van der Eijk), *Electoral Shocks: The volatile voter in a turbulent world*, Oxford: Oxford University Press, 2020.

(with D. Stefanovic), 'Multiple Winning Formulae? Far Right Voters and Parties in Eastern Europe', *Europe-Asia Studies*, 71:9: 1443-73, 2019.

RAY FITZPATRICK (PROFESSORIAL FELLOW)

I continued my research as Deputy Director of a NIHR Policy Research Unit (Quality Safety and Outcomes of Health and Social care) and as Theme lead and co-applicant for the Oxford and Thames Valley NIHR Applied Research Collaboration, in both cases focusing increasingly on the hugely neglected subject of social care.

Publications:

(with C. Garriga, J. Leal, M. Sánchez-Santos, N. Arden, et al.), 'Geographical Variation in Outcomes of Primary Hip and Knee Replacement' *Journal of American Medical Association Open*, 2(10), 2019: e1914325. doi: 10.1001/jamanetworkopen.2019.14325.

(with C. Garriga, J. Murphy, J. Leal, N. Arden, et al.), 'Assessment on Patient Outcomes of Primary Hip Replacement: An Interrupted Time Series Analysis from 'The National Joint Registry of England and Wales' *British Medical Journal Open*, 9(11): Nov 21, 2019. e031599. doi: 10.1136/bmjopen-2019-031599.

(with C Garriga, J. Murphy, J. Leal, A. Price, et al.), 'Impact of a National Enhanced Recovery After Surgery Programme on Patient Outcomes of Primary Total Knee Replacement: An Interrupted Time Series Analysis From 'The National Joint Registry of England, Wales, Northern Ireland and the Isle of Man' *Osteoarthritis Cartilage*, 27(9):1280-93, Sep 2019. doi: 10.1016/j.joca.2019.05.001.

(with A. Judge, A. Carr, A. Price, C. Garriga, et al.), 'The Impact of the Enhanced Recovery Pathway and Other Factors on Outcomes and Costs Following Hip and Knee Replacement: Routine Data Study', *Health Services & Delivery Research, NIHR* 8(4), 2020.

(with M. Peters & S. Rand), 'Enhancing Primary Care Support for Informal Carers: A Scoping Study With Professional Stakeholders', *Journal of Health & Social Care in the Community*, 28(2): 642-50, March 2020.

(with G. Fellmeth, E. Plugge, M. Fazel M. Oo, et al.), 'Prevalence and Determinants of Perinatal Depression Among Labour Migrant and Refugee Women on the Thai-Myanmar Border: A Cohort Study' *BMC Psychiatry*, 20(1):168, 2020. doi: 10.1186/s12888-020-02572-6.

(with J. Duffy, A. Cairns, D. Richards-Doran, J. van 't Hooft, et al.), 'A Core Outcome Set for Pre-Eclampsia Research: An International Consensus Development Study', *British Journal of Obstetrics and Gynaecology*, 2020. doi: 10.1111/1471-0528.16319.

(with K. Rahimi, M. Woodward, R. Khorshidi L. Taraseenko, et al.), 'Home monitoring with IT-supported specialist management versus home monitoring alone in patients with heart failure: design and baseline results of the SUPPORT-HF 2 randomized trial', *American Heart Journal*, 208: 55-64, 2019.

(with L. Kelly, J. Harlock, M. Peters & H. Crocker), 'Measures for the Integration of Health and Social Care Services for Long-Term Health Conditions: A Systematic Review of Reviews', *BMC Health Services Research*, 20(1):358, 2020. doi: 10.1186/s12913-020-05206-5.

(with D. Beard, L. Davies, J. Cook, G. MacLennan, et al.), 'Total Versus Partial Knee Replacement in Patients With Medial Compartment Knee Osteoarthritis: The TOPKAT RCT', *Health Technology Assessment*, 24(20): 1-98, 2020. doi: 10.3310/hta24200.

(with H. Crocker, L. Kelly, J. Harlock & M. Peters), 'Measuring the Benefits of the Integration of Health and Social Care: Qualitative Interviews with Professional Stakeholders and Patient Representatives', *BMC Health Services Research*, 2(1):515, 2020. doi: 10.1186/s12913-020-05374-4.

(with J. Harlock J. Caiels, J. Marczak J, M. Peters, et al.), 'Challenges in Integrating Health and Social Care: The Better Care Fund in England', *Journal of Health Services Research & Policy*, 25(2):86-93, Apr 2020.

(with K. Rahimi, M. Nazarzadeh, A. Pinho-Gomes, M. Woodward, et al.), 'Home Monitoring With Technology-Supported Management in Chronic Heart Failure: A Randomised Trial', *Heart*. 2020. doi: 10.1136/heartjnl-2020-316773.

(with A. Price, S. Kang, J. Cook J. H. Dakin, et al.), 'The Use of Patient-Reported Outcome Measures to Guide Referral for Hip and Knee Arthroplasty', *Bone Joint Journal*, 102-B;102-B(7):941-49, 2020.

(with J. Duffy, A. Cairns, L. Magee, P. von Dadelszen, et al.), 'Standardising definitions for the pre-eclampsia core outcome set: A consensus development study', *Pregnancy & Hypertension*, 2020. doi.org/10.1016/j.preghy.2020.06.005.

(with A. Tsiachristas, C. Potter, S. Rocks, M. Peters, et al.), 'Estimating EQ-5D utilities based on the Short-Form Long Term Conditions Questionnaire (LTCQ-8)' *Health & Quality of Life Outcomes*, 18: 279 (2020). <https://doi.org/10.1186/s12955-020-01506-w>.

DUNCAN GALLIE (EMERITUS FELLOW)

My principal research this year has been an examination (with Ying Zhou, University of Surrey) of the effects of worker participation in decision-making on work engagement and skill development. We have used the European Working Conditions Surveys, which allow both for analysis across time and for a comparison between different European countries. The publication of the report (delayed by the coronavirus crisis) is due later in 2020. I presented some of the initial results to a meeting in the Hague, specially organised by the Dutch Scientific Council for Government Policy.

I also have continued to contribute to the analysis and dissemination of the 2017 British Skills and Employment Survey, on which I have been working with Alan Felstead of the University of Cardiff and Francis Green and Golo Henseke of the UCL Institute of Education. The survey is the latest part of a unique data series tracking changes in job skills and work quality in Britain. The series began with two surveys for which I was coordinator: the Social Change and Economic Life Initiative Work Attitudes Survey 1986 and the 1992 Employment in Britain Survey (co-directed with Michael White). There have been subsequent surveys in 1997, 2001, 2006, 2012 and 2017. The series provides exceptionally high quality representative data on changes in skills and the quality of work in Britain over three decades. The surveys were an important source of data for the RSA/Carnegie enquiry into the relationship between work quality and productivity (see below) and, in addition, we contributed a chapter to its publication 'Can Good Work Solve the Productivity Puzzle?'

I have been a member of the RSA and Carnegie Trust Expert Group on 'Quality of Work and Productivity', chaired by Matthew Taylor. This was a follow up to his review for the government of 'Employment Practices in the Modern Economy', which led to the report 'Good Work', emphasizing the need for reforms to deal with the regulative problems posed by the emergence of new types of employment. The work of the Expert Group contributed to a well-attended conference on the problems of productivity in British industry, held in the Royal Society of Arts in January. I have also served on the Advisory Board of the ESRC's major new centre for research on the digital transformation of work – Digit (Digital Futures at Work Research Centre).

Publications:

'Perspectives on the Future in the Sociology of Work', *Sociologia del lavoro*, 153: 9-31, 2019.

'Inequalities at Work and the Knowledge Economy', *Revue Européenne des sciences sociales*, 57(2): 137-62, 2019.

(with A. Felstead, F. Green & G. Henseke), 'Unpredictable times: the extent, characteristics and correlates of insecure hours of work in Britain', *Industrial Relations Journal*, 51(1-2): 34-57, 2020.

(with A. Felstead, F. Green & G. Henseke), 'Unlocking Potential: ways of tapping into employees' ideas to enhance productivity), in G. Irvine, ed., *Can Good Work Solve the Productivity Puzzle?* London: Carnegie UK and RSA, 2020.

JOHN GOLDTHORPE (EMERITUS FELLOW)

In this academic year, I have been involved in an unusually wide range of activities, although all hampered in some degree by COVID-19.

I continued to collaborate with Erzsébet Bukodi in several different areas.

First, we continued our research into intergenerational class mobility by extending a topological model, previously used in analysing trends in relative rates in Britain, in order to identify generic factors that account for the very existence of inequalities in such rates in modern societies, as distinct from factors that account for cross-national variation. A paper is in press.

Second, our work, together with Yizhang Zhao, on primary and secondary effects in inequalities in young persons' educational attainment led to a paper, now submitted for publication, that brings out the relative importance in relation to such effects of parental class, income, status and education. Class and income prove to be clearly less important than status and education. The paper also demonstrates that, contrary to claims by economists, secondary effects – the effects of educational choices *given* academic performance – continue to be consequential in educational transitions. Young persons from more advantaged social origins consistently make more ambitious choices than do those from less advantaged origins holding the level of previous performance constant.

Third, together with Jouni Kuha (LSE), we have built on previous work on mediation analysis for categorical variables, with reference to the part that is played by educational qualifications in intergenerational class mobility. A paper, under review, suggests that their role is less important than is often assumed.

Fourth, along with Lee Elliot Major (University of Bristol), Erzsébet and I have embarked on a new project on the sociology of elites. We aim to widen the scope of research in this field and to develop a more systematic, prosopographical approach than has previously been followed, focussing not only on the social origins of elites but also on the different 'pools' from which they are recruited and on the different processes through which elites are selected from within pools. A 'position' paper has been submitted for publication, and a pilot project on the British scientific elite, on which Inga Steinberg is also working, is under way.

In addition, I have written a historically-based paper – now under review – on class and status in inter-war England which aims to show, with evidence relating to housing, sports club membership and dress, that *narrowing* as well as widening class inequalities can lead to increased status anxieties and to an intensified concern with status segregation.

Finally, I completed a book, *Pioneers of Sociological Science: Statistical Foundations and the Theory of Action*, which will be published by Cambridge University Press early in 2021.

Publication

(with E. Bukodi), 'Primary Factors in Intergenerational Class Mobility in Europe: Results from the Application of a Topological Model', *European Sociological Review*. doi: 10.1893/esr/jcaa028.

EZEQUIEL GONZÁLEZ-OCANTOS (PROFESSORIAL FELLOW)

During the 2019–2020 academic year I continued working on projects related to my two fields of interest: international/domestic judicial politics and vote buying in elections.

I published a book on transitional justice in Latin America with Cambridge University Press. The book explains Latin America's contributions to transitional justice; examines the role of politics, international human rights norms and judicial capacity-building in determining the success of these policies; and analyzes why Latin America has become such a prominent site of innovation in the area of transitional justice.

I also published a series of new articles. First, a co-authored article I published in *Sociological Methods & Research* received the Alexander George Article Award from the Qualitative and Mixed-Methods Section of the American Political Science Association.

Second, I contributed to a special issue on electoral violence in the *Journal of Peace Research*. Our piece relies on list experiments conducted in Guatemala to explore the dynamics of vote buying and electoral intimidation in developing democracies.

Third, I published a co-authored paper in the *International Journal of Constitutional Law* looking at patterns of communication between local and international courts in the Inter-American Human Rights System. This research is based on two original datasets tracking inter-court citations since the 1980s.

A fourth co-authored piece appeared in the *European Journal of Political Research*. We fielded a survey experiment in the UK to explore what types of public arguments can persuade the public to support the European Court of Human Rights.

Publications

The Politics of Transitional Justice in Latin America: Power, Norms, and Capacity Building. New York: Cambridge University Press. Cambridge Elements in Politics and Society in Latin America, 2020.

(with C. Meléndez, C. K. de Jonge, J. Osorio & D. Nickerson), 'Carrots and Sticks: Experimental Evidence of Vote Buying and Voter Intimidation in Guatemala', *Journal of Peace Research*, 57(1): 46-61, 2020.

(with W. Sandholtz), 'Constructing a Regional Human Rights Legal Order: The Inter-American Court, National Courts, and Judicial Dialogue, 1988-2014', *International Journal of Constitutional Law*, forthcoming.

(with E. Dinas), 'Defending the European Court of Human Rights: Experimental Evidence from Britain', *European Journal of Political Research*, forthcoming.

(with J. LaPorte), 'Process Tracing and the Problem of Missing Data', *Sociological Methods & Research*, forthcoming.

JANE GREEN (PROFESSORIAL FELLOW)

My main role in College has been launching the Nuffield Politics Research Centre and 'Westminster Bridge'. This builds on the former Gwilym Gibbon Centre for Public Policy which was successfully run by Iain McLean. The Politics Research Centre is home to the Elections Unit and to the Nuffield representation of the British Election Study (BES). Since the past year included the June 2019 European Parliament elections, then the December 2019 general election and following that the COVID-19 crisis, much of 2019–2020 has focused on British elections and BES data gathering.

We began work as part of the new 2019–2023 BES grant (funded by the Economic and Social Research Council). This involved organising a highly successful press conference (about findings from our new book, *Electoral Shocks*), running (with 'UK in a Changing Europe') a large one-day conference in London, appearing in a Financial Times film, providing live analysis for the ITV News general election results programme (nominated for a BAFTA), extensive media interviews, analysis and public dissemination, large talks (at the London School of Economics) and data collection: three 30,000 person online surveys around the election itself, the in-person random probability post-election survey, and a survey conducted in April at the height of the COVID-19 crisis.

In research terms, the 2019–2020 period is important for understanding electoral behaviour. In work with Geoff Evans and Rose De Geus, we find that June 2019 Brexit Party voters differed from former UKIP voters in their priorities but otherwise transitioned from UKIP, and then – due to Boris Johnson’s appeal – back to the Conservatives. In sole-authored work I challenge the juxtaposition of the long-term and short-term forces that have realigned the electorate, and argue that 2017 and 2019 were together ‘critical elections’. Using the volatility in the party system in 2019 as part of our research design, Rose De Geus and I explored the reliability of survey items about political party recognition, using new content we designed in the BES. Geoff Evans and I are now starting work with Dan Snow on understanding the electoral and attitudinal impacts of the COVID-19 crisis.

I continued my work uncovering new aspects of Brexit support, where I find that economic evaluations drive Brexit support through assessments that out-groups are doing better economically (with Tim Hellwig and Ed Fieldhouse), that men are more likely to support Brexit if they perceive there to be discrimination against men (with Rosie Shorrocks), and that wealthier individuals support Brexit, and they do so because of economic insurance (with Raluca Pahontu). The latter paper uses novel data (and Bank of England panel data) allowing us to explore the effects both of income and of wealth, and in so doing, uncovering important aspects of Brexit support.

I presented some of this work at the University of Montreal and at Essex University, where I was also part of the Regius Professor of Political Science Roundtable (March 2020). In September I take up a two year Presidency of the British Politics Group of the American Political Studies Association.

Publications

A Critical Election? in N. Allen and J. Bartle, eds., *Britain at the Polls*, Manchester University Press, forthcoming, 2019.

(with E. Fieldhouse, G. Evans, J. Mellon, C. Prosser, H. Schmitt & C. van der Eijk), ‘Electoral Shocks: The Volatile Voter in a Turbulent World’, Oxford University Press, 2019.

(with C. Prosser, E. Fieldhouse, J. Mellon & G. Evans), ‘Tremors but no Youthquake. Measuring changes in the age and turnout gradients in the 2015 and 2017 British General Elections’, *Electoral Studies*. 64: 102-29, 2020.

(with T. Hellwig & E. Fieldhouse), 'Who Gets What: The Economy, Relative Gains, and Brexit', *British Journal of Political Science*, forthcoming. doi: 10.1017/S0007123420000551.

ANTHONY HEATH (EMERITUS FELLOW)

My main project this year has been with the Social Mobility Commission, helping to design their new measurement framework for monitoring trends in social mobility. So far I have been reviewing the published literature both in sociology and economics, focusing on recent trends in social mobility, the explanations which have been offered for the trends (or in some cases lack of trends), and reviewing the policy interventions that have been attempted to improve mobility. In parallel I have been (with Yaojun Li) rewriting my 1981 book on Social Mobility.

I have also been continuing to work (with Valentina Di Stasio and Wouter Zwysen) on ethnic inequalities and the role of racial discrimination, comparing results from field experiments with observational studies. We find that the results of field experiments on risks of discrimination tally reasonably closely with results from observational studies of the extent of ethnic disadvantage in the labour market. Black groups for example are at risk of high levels of discrimination and also experience high levels of disadvantage in the labour market, while European groups are at little risk of discrimination, and are not disadvantaged in the labour market. However, other non-white groups appear to be at risk of similar levels of discrimination but experience rather different levels of actual disadvantage, suggesting that additional factors, over and above discrimination, are involved.

I have also been continuing my work with Silke Schneider on the integration of ethnic minorities across Europe. We have been using a new measure of ethnic origins that Silke and I developed for the European Social Survey, which provides a standardized method of measuring ethnicity. I have also been involved with British Academy policy work on the implications of COVID-19 for social cohesion and integration and on COVID-19's impact on vulnerable groups.

Publications

(with L. Richards & G. Elgenius), 'Remainers are nostalgic too: an exploration of attitudes towards the past and Brexit preferences', *British Journal of Sociology* 71(1): 74-80, 2020.

(with L. Lessard-Phillips), 'Inequality and the structure of educational opportunity and institutions.' in C. Inglis, ed., *The Sage Handbook of International Migration*, pp 466-480, London: Sage, 2020.

(with W. Zwysen & V. Di Stasio), 'Ethnic penalties and hiring discrimination: Comparing results from observational studies with field experiments in the UK', *Sociology*, online, 2020.

SIR DAVID F. HENDRY (SENIOR RESEARCH FELLOW)

I co-directed *Climate Econometrics* (funded by the Robertson Foundation, with additional support from the College's Academic Fund) with Felix Pretis at the University of Victoria, and chaired the Trustees of Global Change Data Lab, the charity that oversees 'Our World in Data'. <https://ourworldindata.org/>.

Policymakers need real-time forecasts of COVID-19 cases and deaths to plan healthcare provision and implement measures to mitigate the virus's spread. Viable forecasting models must be able to handle four interacting difficulties: rapid spread initially, later slowing; punctuated by abrupt shifts from health policy interventions; confronting evolving measures of confirmed cases from changes in testing; and of deaths from which sources are included, sometimes suddenly altered. Our week-ahead forecasts for many countries from adaptive data-based models that are 'robust' after such shifts and changes in trends have tended to be more accurate than epidemiological models in the initial phase of the pandemic (with J.L. Castle and J.A. Doornik).

We describe an integrated strategy for a post-COVID-19 recovery to sustain net-zero greenhouse gas emissions. Renewable electricity can be expanded symbiotically with decarbonizing transport using electric vehicles as the storage system by being plugged into the grid when not being driven. Their power supply could use graphene-based nanotube modular units, which can be rapidly charged and discharged, yet store far more electricity than lithium ion batteries, and avoid later toxic waste (with Jennifer L. Castle).

I taught on the 2019 Econometric Modelling and Forecasting Summer School, Oxford; gave a Keynote Address at the 4th Climate Econometrics Conference, Milan; presented at 22DE Conference at Nuffield, which I jointly chaired; at EC2 Oxford; and gave the Li Siguang Lecture Birmingham University. I spoke at a climate meeting in the House of Lords and presented

at several virtual Conferences, including the European Geosciences Union (EGU) and gave a keynote on Climate Econometrics at ECOMOD 2020. I was a judge of the Bank of England's Schools Competition on 'climate change and the economy'.

Publications

(with J.L. Castle), *Modelling our Changing World*. Palgrave Macmillan, 2019. (Open access on <https://www.palgrave.com/gb/book/9783030214319>).

(with J.A. Doornik & S. Laurent), 'XLModeler 1: An OxMetrics Add-in for Excel', Timberlake Consultants Press, 2019. <https://www.xlmodeler.com/>.

'A Short History of Macro-econometric Modelling', *Journal of Banking, Finance and Sustainable Development*, 1, 1-32, 2020.

(with J.L. Castle & A.B. Martinez), 'The paradox of stagnant real wages yet rising 'living standards' in the UK', *VoxEU*, January 21, 2020. <https://voxeu.org/article/paradox-stagnant-real-wages-yet-rising-living-standards-uk>
 Discussed by Martin Wolf in *Financial Times* <https://www.ft.com/content/a470b09a-4276-11ea-a43a-c4b328d9061c>.

(with J.L. Castle & J.A. Doornik), 'Short-term Forecasting of the Coronavirus Pandemic', *VoxEU*, April 24, 2020. <https://voxeu.org/article/short-term-forecasting-coronavirus-pandemic>. Also letter in *Financial Times* Saturday 11 April. <https://www.ft.com/content/8684a104-7a52-11ea-9840-1b8019d9a987>.

(with S. Campos-Martins), Letter in *Financial Times* Friday May 22, 2020. <https://www.ft.com/content/3597d931-2e71-4539-bb6f-60758c1ad8e5>.

(with J.L. Castle), 'Decarbonising the future UK economy', *VoxEU*, June 4, 2020. <https://voxeu.org/article/decarbonising-future-uk-economy>.

(with J.L. Castle & J.A. Doornik), 'Why short-term forecasts can be better than models for predicting how pandemics evolve', *The Conversation*, June 30, 2020. <https://theconversation.com/why-short-term-forecasts-can-be-better-than-models-for-predicting-how-pandemics-evolve-140299>.

(with J.L. Castle & J.A. Doornik), 'Can we get accurate short-term forecasts of coronavirus cases and deaths?' *Economics Observatory* July, 6, 2020. <https://www.coronavirusandtheeconomy.com/question/can-we-get-accurate-short-term-forecasts-coronavirus-cases-and-deaths>.

(with J.L. Castle), 'Can the UK achieve net-zero emissions in a post-Covid-19 economic recovery?' *Economics Observatory*, August 1, 2020.

(with J.L. Castle), 'Climate Econometrics: An Overview', *Foundations and Trends in Econometrics*, 10, 145-322, 2020. <https://www.coronavirusandtheeconomy.com/can-uk-achieve-net-zero-emissions-post-covid-19-economic-recovery>.

LUKE JACKSON (RESEARCH FELLOW)

I have continued to research both the physical mechanisms driving sea level rise and the economic impacts therein through the inter-disciplinary research group, Climate Econometrics, based here at Nuffield College. This research led to a number of publications: Jevrejeva et al. (2019) provided a comprehensive review of the state of 21st century probabilistic sea level projections exploring in particular the question of uncertainty – especially low probability, high impact scenarios where global sea level rises exceed 180cm relative to present-day. Abadie et al. (2020) took a specific look at the future impact of sea level rise on coastal cities where the choice of projection for the same scenario had a strong effect on projected damages. This revealed the importance of using the best available knowledge in decision making and coastal planning. Beyond academia, I have been involved in outreach in my son's School, Oxford's Museum of Natural History (Let's Talk About Climate and Super Science Saturday) and Science festivals.



Luke Jackson: Swindon Science Festival for Operation Earth

Publications

(with S. Jevrejeva, T. Frederikse, R. E. Kopp, G. Le Cozannet & R. S. W. van de Wal), 'Probabilistic sea level projections at the coast by 2100', *Surveys in Geophysics*, 2019. doi: 10.1007/s10712-019-09550-y.

(with L. M. Abadie, E. S. de Murieta, S. Jevrejeva, & I. Galarraga), 'Comparing urban coastal flood risk in 136 cities under two alternative sea-level projections: RCP 8.5 and an expert opinion-based high-end scenario', *Ocean & Coastal Management*, 2019. doi: 10.1016/j.ocecoaman.2020.105249.

IAN JEWITT (OFFICIAL FELLOW)

As usual, I have been trying to wrap up old projects in face of competition from new ones. One old project with Zhiyun Li (Durham) on 'Information Disclosure for Horizontally Differentiated Products' turned out to have interesting new dimensions so became half new and took more thinking time than expected.

One of the fully new projects with working title 'Conjugate Persuasion' relates to the by now classical canonical model of Bayesian Persuasion. Mathematically, our model admits non-linearities not present in the classical one and which are important in auction and voting applications.

Publications

(with H. Bar-Isaac & C. Leaver), 'Adverse selection, efficiency and the structure of information', *Economic Theory*, 2020. <https://doi.org/10.1007/s00199-020-01300-1>.

XIYU JIAO (RESEARCH FELLOW)

One direction of my research is to establish asymptotics of an empirical procedure frequently used in applied economics for conducting outlier robustness checks. I continued to polish the final chapter of my DPhil thesis, which develops the theory of empirical processes in order to study statistical properties of a simple robust procedure in instrumental variables regression. Two other papers are in progress on the outlier testing problem respectively with F. Pretis and J. Kurle. One is to formalize outlier robustness checks by proposing a new Hausman type test which compares the full sample estimate with the one computed from the selected non-outlying observations. The other is concerned with properties of the false discovery rate of an outlier detection algorithm in IVs regressions.

I started a paper with P. Zhang on selecting models in the high-dimensional regressions. The aim is of proposing a Bernoulli sampling method for the best subset selection. We study theoretical properties of the proposed method and conduct a comprehensive simulation to show its superiority compared with two existing best subset selection algorithms *Leaps and Bounds* and *Mixed Integer Optimization*, and also with a greedy algorithm *forward stepwise* and a shrinkage method LASSO.

I presented a paper at the 13th International Conference on Computational and Financial Econometrics in London, at the Econometrics Seminar held in the Department of Economics at University of Warwick, and at the 12th World Congress hosted virtually by Econometric Society.

JAE-HEE JUNG (NON-STIPENDIARY RESEARCH FELLOW)

In the past year, I have worked with Pepper Culpepper and Taeku Lee on a large-scale project funded by the European Research Council (project name: 'Banklash'). The project seeks to understand voters' attitudes toward banks and financial regulation as well as examine how different media frames influence such attitudes. We have finished doing a three-wave panel survey with embedded experiments in six countries. We pre-registered our analysis plans before data collection. Following the pre-registrations, we have done preliminary analyses of the data.

I have also published three papers. One is in the *American Journal of Political Science*, and it examines the mobilizing effect of parties' moral rhetoric in election campaigns. Using text analyses, surveys, and survey experiments, the paper investigates how parties use moral arguments to justify and explain their policy positions and the effect that such rhetoric has. The paper is one of the first to study morality in party competition and in a comparative context. The second paper I have published is in the *Journal of Politics* and coauthored with Margit Tavits. We investigate the consequences of parties' attacks on rivals' non-ideological traits such as competence and integrity. Using newspaper data and survey experiments, we show that such valence attacks have different consequences for the attacked party depending on that party's ideology because left-wing and right-wing voters process negative information differently. The third paper is published in the *Journal of Elections, Public Opinion & Parties* (with Zeynep Somer-Topcu). We examine the effect of parties' policy position changes on voters' updating

and certainty of those positions. We use newspaper and survey data from the UK on the Brexit issue from 2014 to 2016.

I have developed several working papers as well. One of them is on my primary research agenda on morality in politics and examines voters' preferences for moral representation. Using survey data that I collected as part of the Banklash project, the paper provides insights about the extent to which and the conditions under which voters prefer to see morality underline policy-making and political discourse. To further pursue my broader research on morality in party competition, I have also won the John Fell Oxford University Press Research Fund. The grant will be used to do survey experiments.

Lastly, I have two working papers with Margit Tavits. In one, we examine the effect of counter-stereotypical information about gender roles on people's attitudes about gender equality and LGBTQ rights. We use a series of survey experiments and observational analysis. In the other paper, we examine the effect of referendums on voters' attitudes about the issue on the referendum ballot. We specifically focus on Ireland's 2018 abortion referendum and use panel survey data we collected before and after the referendum.

Publications

'The Mobilizing Effect of Parties' Moral Rhetoric', *American Journal of Political Science*, 64(2): 341-55, 2020.

(with M. Tavits), 'Valence Attacks Harm the Electoral Performance of the Left but not the Right', *Journal of Politics*, 2020. <https://doi.org/10.1086/709299>.

(with Z. Somer-Topcu), 'United We Stand, Divided We Fall? The Effects of Parties' Brexit Rhetoric on Voters' Perceptions of Party Positions', *Journal of Elections, Public Opinion & Parties*, 2020. <https://doi.org/10.1080/17457289.2020.1839470>.

JAN O. JONSSON (OFFICIAL FELLOW)

I continued to study intergenerational processes, as well as ethnic inequality and integration. With Per Engzell, Nuffield College, and Carina Mood, Swedish Institute for Social Research (SOFI), Stockholm University, I published a study on three-generation income mobility (*Sociological Science*). Our results suggest that the 'grand-parental effects' often reported in current research are almost entirely due to insufficiently specified models – grandparents are

of importance because they transmit different advantages to their children, just as they, in turn, transmit advantages to theirs.

Richard Breen and I published a study on change in Swedish class mobility, showing that the long-term reduction in the association between parents social class and offspring's own class position was mostly due to educational equalisation, but to some extent also due to the expansion of higher education. The latter is because in Sweden, the association between origin and destination social class position is markedly lower among those with tertiary education.

Stephanie Plenty, Institute for Futures Studies, and I published a paper on the phenomenon of 'immigrant optimism', according to which those of immigrant origin, while performing quite poorly in school, show remarkably high aspirations (*Child Development*). We studied whether the aspirations could be due to their closer family ties, as exemplified by parent-child relations, parent academic encouragement, and parent aspirations. Overall, the answer is 'not much'. While youth of immigrant origin do have closer family ties, such ties are not strongly correlated with their aspirations.

I worked with more studies of educational inequality and its variation with ethnic background. With Georg Treuter, SOFI, I have been studying both 'school effects' and 'peer effects' along these lines, and together with him and several colleagues I have been preparing a manuscript on ethnic and socioeconomic origin and educational attainment in comparative perspective.

Other ongoing collaborations include the work on social networks and ethnic integration, with Robert Hellpap, Zeppelin University, Germany, and Isabel Raabe, Zürich University, Switzerland; on comparative school systems, with Jörg Dollmann, Mannheim University, and Frida Rudolphi, SOFI; and siblings and income inequality, with Per Engzell and Carina Mood.

The most exciting news of this academic year was perhaps the rather large grant for a comparative study of ethnic integration in England, Sweden, and Norway, received together with several colleagues. This project has been delayed, as so much else, by the pandemic, but will be an essential part of next year's efforts.

On other business, I did my third and last year as chair of the Sociology Group at Nuffield. I also continued my work on the Board of the Portfolio for Research and Innovation in Education, Norwegian Research Council; on the Scientific Advisory Board of MZES, University of Mannheim; and in the Royal Swedish Academy of Science.

Publications

(with S. M. Plenty), 'Students' occupational aspirations: Can family relationships account for differences between immigrant and socioeconomic groups?' *Child Development*, early online version, 2020. doi: 10.1111/cdev.13378.

(with P. Engzell & C. Mood), 'It's All about the Parents: Inequality Transmission across Three Generations in Sweden', *Sociological Science*, 7: 242-67. doi: 10.15195/vX.aY.

(with R. Breen), 'Sweden, the middle way? Trends and patterns in social mobility and educational inequality', in R. Breen and W. Müller, eds., *Education and Intergenerational Social Mobility in Europe and the United States*, 69-90, Stanford: Stanford University Press.

RIDHI KASHYAP (PROFESSORIAL FELLOW)

Like for many others, the 2019–20 academic year for me is best categorised in two phases – pre- and post-COVID-19. In the pre-COVID-19 phase, and for the first two terms of the year, I continued to further develop and, in some cases, completed projects in the emerging areas of computational social science and digital demography that I have been working on. Two papers linked to the Fragile Families Challenge, a scientific mass collaboration led by colleagues at Princeton University, in which I participated, came out. The Challenge set out to ask a seemingly simple question: are human life outcomes, which have been actively studied by social scientists such as educational success or residential stability, predictable? Despite the widespread interest and use in predictive models and algorithms in different domains in recent years, the accuracy and implications of these approaches when applied to social outcomes and on individual-level survey datasets commonly used in social research have not been systematically examined. This question, however, is pressing, as the use and applications of machine learning algorithms expands beyond the use of commercial products and services into policy settings. Despite our best efforts applying different machine learning methods optimised for prediction to a high- quality birth

cohort study in the US, we found that the best predictions were not very accurate and only slightly better than a simple benchmark model.

In another paper exploring the implications of digital technologies in the context of less developed countries, with Nuffield NSRF Valentina Rotondi, and colleagues at McGill and Bocconi as a part of the DisCont project led by Francesco Billari, we examined the impact of the diffusion of mobile phones on social development outcomes linked to health, wellbeing and gender equality. Drawing on individual-level survey data from Africa merged with satellite data, we found that women who owned mobile phones were better informed about sexual and reproductive health services, and more empowered to make independent decisions. These findings highlight the importance of mobile technology for bolstering social development, but also the need to close digital divides. Ongoing work done as a part of my digital gender gaps project (www.digitalgendergaps.org) has shown how digital divides by gender are especially significant in South Asia and Sub-Saharan Africa, where women are much less likely to be online and own and use mobile phones.

The latter part of the academic year was very much defined by the COVID-19 outbreak and the accompanying lockdown. These developments not only significantly altered work patterns, but also affected the direction of some projects which had to be delayed, whilst triggering the commencement of new ones. With colleagues at the Leverhulme Centre for Demographic Science (LCDS) and with the support of the Nuffield academic fund, since March I have been actively involved in research analysing the social and population health impacts of and responses to the pandemic in the UK and in Italy. As the pandemic and its effects continue to unfold, these projects are set to continue into the new academic year.

Publications

(with A. Filippova, et al), 'Humans in the Loop: Incorporating Expert and Crowd-Sourced Knowledge for Predictions Using Survey Data', *Socius* 5, 2019: 2378023118820157.

(with V. Rotondi, L.M. Pesando, S. Spinelli & F.C Billari), 'Leveraging mobile phones to attain sustainable development', *Proceedings of the National Academy of Sciences*, 2020.

(with M. Salganik, et al), 'Measuring the predictability of life outcomes with a scientific mass collaboration', *Proceedings of the National Academy of Sciences*, 117(15): 8398-403, 2020.

(with M. Chudnovskaya), 'Is the end of educational hypergamy the end of status hypergamy? Evidence from Sweden', *European Sociological Review*, 36(3): 351-65, 2020.

(with P. Block et. al.), 'Social network-based distancing strategies to flatten the COVID-19 curve in a post-lockdown world', *Nature Human Behaviour*, 1-9, 2020.

(with M. Fatehkia, R. Al Tamime & I. Weber), 'Monitoring global digital gender inequality using the online populations of Facebook and Google', *Demographic Research*, 43(27): 779-816, 2020.

DESMOND KING (PROFESSORIAL FELLOW)

I took sabbatical during 2019–20. My report will recur next year.

DAVID KIRK (PROFESSORIAL FELLOW)

In our annual reports we typically document our various accomplishments for the year, but obviously this year has been unique. Perhaps my biggest professional accomplishment was simply playing whatever small part I could in keeping the College and University going during the pandemic, and in helping our students through the disruption in their education.

Because of the pandemic, we unfortunately had to cancel the second year of the Nuffield Undergraduate Scholars Institute (NUSI), which I help direct. However, I'm pleased to note that NUSI was a finalist in the Vice Chancellor's 2020 Diversity Awards, which are designed to recognize and celebrate initiatives at the university that are focused on diversity and inclusiveness.

On the research front, my book *Home Free* was 'published' by Oxford University Press (OUP) in March. I use quotes around the word published because the OUP warehouse went into lockdown on the official day of publication, and the book was not actually released and distributed until many weeks later. As a sign of the times, when I did finally receive my author copies, the box was doused in petrol. I can only imagine that the grossly

overworked delivery drivers during the lockdown hauled spare petrol cans around in order to avoid running out of petrol, and one tipped over right on my box of books! OUP did, of course, ship some replacements, and I'm very pleased to see it in print. It is a book that draws upon Hurricane Katrina as a natural experiment, and was therefore fifteen years in the making.

The summer of 2020 brought good news in terms of research funding. Along with collaborator Rob Sampson of the Department of Sociology at Harvard, I've been awarded funding by the National Collaborative on Gun Violence Research in the US to study the long-term consequences of gun violence. The bulk of the funds will pay for collection of the fifth wave of the Project on Human Development in Chicago Neighborhoods longitudinal cohort survey, and Rob and I are busy trying to figure out how to launch a survey during a pandemic! Thankfully it is a three year grant.

Publications

Home Free: Prisoner Reentry and Residential Change after Hurricane Katrina. New York: Oxford University Press, 2020. <https://global.oup.com/academic/product/home-free-9780190841232>.

(with N. Cavalli & N. Brazil), 'The Implications of Ridehailing for Risky Driving and Road Accident Injuries and Fatalities', *Social Science & Medicine*, 250, 2020. <https://doi.org/10.1016/j.socscimed.2020.112793>.

(with N. Brazil), 'Ridehailing and Alcohol-Involved Traffic Fatalities in the United States: The Average and Heterogeneous Association of Uber', *PLoS ONE*, forthcoming, 2020.

PAUL KLEMPERER (PROFESSORIAL FELLOW)

My academic research continues to be largely about auction theory and policy – I'm now working with computer scientists and operations researchers, as well as economists, on these topics. But I also continue to work on banking reform (with Jeremy Bulow), and I also recently obtained new results about when competitive equilibrium exists in an economy (with Elizabeth Baldwin, Omer Edhan, Ravi Jagadeesan, and Alex Teytelboym).

I've continued to do quite a bit of policy advising (all *pro bono*). With Elizabeth Baldwin and Alex Teytelboym, I am currently advising the RSPB on a novel auction design for endangered-species habitat. We hope this may

be influential in the redesign of British agricultural policy, post-Brexit. I've interacted with half a dozen UK government departments over the year on other matters, and I continue to talk to the Bank of England from time to time, as well as to foreign governments, the World Bank, the IMF, etc.

I continue to lecture to the MPhil in Economics (1st-year and 2nd-year courses), the undergraduate Economics degrees (PPE and other joint courses), and Business School programs (MBA, and MSc in Financial Economics).

HELEN KOWALEWSKA (NON-STIPENDIARY RESEARCH FELLOW)

This academic year was my first at Oxford. It saw the start of my New Investigator Grant funded by the Economic and Social Research Council. The project critically assesses the idea of a welfare state 'paradox': while 'women-friendly' social policies achieve high female employment rates, they also frustrate women's access to male-dominated jobs. I recently resubmitted a paper from the project for publication following minor revisions. The paper examines the associations between different state policies and women's share of private-sector board positions across industrialised countries. Overall, the analysis finds limited evidence in support of a welfare-state paradox. Moreover, widespread childcare services are associated with gender-diverse boards. I intend to build on this work by examining other indicators of gender segregation in employment (e.g. women's underrepresentation in blue-collar jobs) and looking at how individual-level traits (e.g. level of education) and regional-level factors (e.g. the structure of local labour markets) moderate or magnify the relationship between welfare states and women's employment position.

In addition, I had the final paper from my PhD accepted for publication in the *Journal of Social Policy*. The paper argues that achieving a 'critical mass' of women in the most powerful board and executive positions at the top of corporations can lead to the adoption of practices, policies, and cultures that help to reduce the incidence of gendered social risks (employment/care conflicts, economic dependence on a partner) and sexual harassment among women at lower levels of the labour market. Thus, the paper highlights another dimension to the social-regulatory function of welfare states that has, to date, been overlooked, namely legislative requirements on companies to achieve gender diversity in their leadership structures.

I have also been working on a project on female breadwinners across advanced economies with my co-author Agnese Vitali (University of Trento). We had a paper accepted for publication in the *Journal of European Social Policy*. The paper shows that female-breadwinner couples – defined as those in which the woman is in paid work and the man is not – are economically disadvantaged compared with all other couple-types, including their male-breadwinner counterparts, across all welfare regimes. This research was featured in *The Independent*. We are continuing to collaborate on other papers on poverty among female-breadwinner families.

A few weeks prior to lockdown our daughter, Willa, was born; hence, I spent the remainder of the academic year on maternity leave.

Publications:

'Bringing Women on Board: The Social Policy Implications of Gender Diversity in Top Jobs', *Journal of Social Policy*, 49(4): 744-62, 2020. <https://doi.org/10.1017/S0047279419000722>.

'Bringing Women on Board? Family Policies, Quotas and Gender Diversity in Top Jobs', *Work, Employment and Society*, forthcoming, 2020.

(with A. Vitali), 'Breadwinning or on the Breadline? Female Breadwinners' Economic Characteristics across 20 Welfare States', *Journal of European Social Policy*, forthcoming, 2020.

CÉCILE LABORDE (PROFESSORIAL FELLOW)

During the 2019–2020 academic year, I wrote what is (hopefully!) the final article-length essay replying to critics of my book *Liberalism's Religion*. The book was awarded the 2019 David and Elaine Spitz Prize (awarded annually for the best book in political theory published two years earlier).

Meanwhile, I have begun two research projects.

The first is an exploration of the boundaries of democratic discretion in relation to the toleration of morally ambivalent (though not morally impermissible) practices. As part of this project, I have completed a paper defending some legal exemptions as 'rights to do wrong'.

The second project outlines a theory of global comparative secularism. It aims to defend a theory of the secular state that is not limited to western or Christian contexts, and it engages with some central debates in comparative political theory. As part of this project, my article on minimal secularism and India is forthcoming in the *American Political Science Review* (APSR).

I also have forthcoming papers on public reason and just war theory; and on the constitutional doctrine of secularism.

I have advised France’s *Conseil d’Etat* on secularism laws. I continue to convene the weekly Nuffield Workshop in Political Theory and I have organised and facilitated a number of conferences in political theory at Nuffield.

Publications

(with L. Erez), ‘Cosmopolitan Patriotism as Civic Ideal’, *American Journal of Political Science*, 64(1): 191-203, January 2020.

‘Reply to Quong, Patten, Miller and Waldron’, *Criminal Law and Philosophy*, First Online, 1 September 2020.

‘Liberal Nationalism and Symbolic Religious Establishment’, (with Sune Laegaard) in Gina Gustavsson and David Miller, eds., *Liberal Nationalism and Its Critics*. Oxford: Oxford University Press, 2020.

‘Can Religious Establishment be Liberal Enough?’ *Studies in Christian Ethics*, First View, January 2020.

‘Rescuing Liberalism from Critical Religion’, *Journal of the American Academy of Religion*, 88(1): 58-73, March 2020.

XIAOWEN LEI (POSTDOCTORAL PRIZE RESEARCH FELLOW)

The second year of my Postdoc work at Nuffield College has been fruitful. I have first published my paper on ‘Information and Inequality’ in the *Journal of Economic Theory* in November 2019. It examines how endogenous information acquisition helped to shape households’ portfolio reallocation and wealth redistribution in the financial market. I then got another paper ‘Wait and See’ or ‘Fear of Floating?’ accepted at *Macroeconomic Dynamics*, which is to be published online soon. It investigates the effect of stochastic volatility on time-varying Chinese exchange rate trading band. This work was

revised substantially in Hilary term, and finally got accepted in June 2020. Going forward, I found myself getting increasingly interested in changing demographics and its impact on wealth redistribution. I have started writing a paper about how intergenerational belief differences affect generational wealth inequality, by tracing generational stock market experience all the way back to the Great Depression. Finally, I have been working on a project with Geoffrey Dunbar from the Bank of Canada regarding endogenous fertility choice and the rise of the two-working-parent family.

Publications

'Information and Inequality', *Journal of Economic Theory*, 2019.

MAXIME LEPOUTRE (POSTDOCTORAL PRIZE RESEARCH FELLOW)

During my second year as a postdoctoral Research Fellow in politics, I've continued to examine the nature and form of political discourse in deeply divided societies. This involves a series of questions. First, is there anything positive about the emotionally charged group-based divisions that manifest themselves in contemporary public discourse? Second, insofar as social divisions make it impossible for different groups to talk to one another, what policies might overcome this problem? And finally, to the extent that political discourse itself is a vehicle for injustice, ignorance, and social harms, how can we counteract this challenge? I am currently writing a book on this topic, provisionally entitled *Democratic Speech in Divided Times*, under contract with Oxford University Press.

As part of this project, I have investigated three issues over the last year. The first has to do with the influence of group identity (for example, partisan identities) on people's judgments about political matters. In this era of polarization, this influence is widely taken to constitute a deep problem. Yet I believe that these worries are too hasty. By drawing on philosophical insights regarding the nature of scientific practice, I suggest that the influence of group identity on political judgment can in fact be a key component of a healthy democratic order. This research has recently been published in *Philosophy & Public Affairs*.

The second issue concerns fragmentation. Different social groups are fragmented into different neighbourhoods, jobs, online spaces, and so on.

As a result, they tend to interact and talk very little with one another. One obvious solution to this problem would be to adopt ‘integrative’ policies – policies aimed at promoting more contact, offline and online, between otherwise segregated groups. But these policies are highly controversial, not least because they seem to violate people’s freedom of association (in particular, their freedom *not* to associate with groups that they dislike). To alleviate this concern, I argue that it is possible to re-establish productive dialogue across social groups while respecting people’s interests in controlling whom they do and do not associate with. This work will appear as a chapter in my forthcoming book, *Democratic Speech in Divided Times*.

The third issue I’ve examined this year bears on hate speech. One of the most compelling justifications for adopting laws prohibiting hate speech is expressive: hate speech laws send out a powerful message of opposition to hate and intolerance. In the research I’ve done this year, I examine why it is that legal restrictions on hate speech are so expressively powerful. Using this analysis, I then suggest that there are in fact alternative ways of achieving this same expressive goal. In other words, we can perform this important expressive function without the legal suppression of speech. This work has recently been published in *Legal Theory*.

Publications

‘Democratic Group Cognition’, *Philosophy & Public Affairs*, 48(1): 40-78, 2020.

‘Hate Speech Laws: Expressive Power Is Not the Answer’, *Legal Theory*, 25(4): 272-96, 2020.

HAMISH LOW (PROFESSORIAL FELLOW)

At Easter, I joined the Scientific Board of *Understanding Society: the UK Household Longitudinal Study*. Understanding Society is a panel of about 40,000 individuals and is usually run on an annual basis. However, we wanted to use this population survey to follow the impact of COVID-19 and so a short version of the survey has been conducted on a monthly basis starting in April, with invitations going to the whole Understanding Society sample. My involvement was in designing the economics questions. The long panel provides the backdrop to individuals’ situations going into COVID-19; and the use of data derived from a proper probability sample gives reliable inferences. It means we can, for example, show the regressive impact of

COVID-19: those in the bottom two quintiles have particularly severe labour market effects, with limited bounce back. This is an ongoing project, with new results as each set of data comes in. I discussed some of the results of this work at the Treasury Select Committee looking at the economic effects of COVID-19.

In addition to this new work on COVID-19, I have continued my work looking at social insurance and the welfare state. I have an ongoing collaboration with Luigi Pistaferri looking at disability insurance, and we published one survey of some our work, but with the main new results in a Nuffield working paper. I have another related project looking at how welfare support has collapsed in the US since the Clinton reforms of 1996.

The context of most of my analysis is thinking of behaviour over the whole life-cycle and understanding how decisions at different points interact. One project, finished this year, was on understanding the role of temptation and commitment, and involved estimating preferences that allowed for how temptation distorts choices. The particular context was in estimating how decisions about liquid saving versus illiquid saving in housing are affected. This paper is coming out in the *International Economic Review*, with a former postdoc at Nuffield, Agnes Kovacs.

Publications

(with A.Kovacs & P. Moran), 'Estimating temptation and commitment over the life-cycle', *International Economic Review*.

(with M. Benzeval, J. Burton, T. F. Crossley, P. Fisher, A. Jäckle & B. Read), 'The Idiosyncratic Impact of an Aggregate Shock: The Distributional Consequences of COVID-19', *Understanding Society*, 2020-09.

(with L. Pistaferri), 'Disability insurance: theoretical evidence and empirical evidence' *Fiscal Studies* 41:129-164. <https://doi.org/10.1111/1475-5890.12215>.

DENI MAZREKAJ (NON-STIPENDIARY RESEARCH FELLOW)

I started as a postdoctoral researcher in sociology and social demography at the Department of Sociology in March 2020. Since then, I have published my paper on school outcomes of children with same-sex parents in the

American Sociological Review. This paper shows that children raised by same-sex parents from birth outperform children raised by different-sex parents in both primary and secondary education. What is unique about the study is that it tracks almost 1,400 children raised by same-sex parents and more than a million children raised by different-sex parents from birth through primary school and a proportion of the children also through high school. Previous studies of the children of same-sex parents have often had a small sample size, of less than 100 children, or have used U.S. Census data, which is only a one-time snapshot.

Furthermore, I was selected by the Council for the Lindau Nobel Laureate Meetings to participate in the 7th Lindau Meeting in Economic Sciences and I have obtained a travel grant for this meeting from the Research Foundation Flanders (FWO).

Publications

(with K. De Witte & S. Cabus), 'School Outcomes of Children Raised by Same-Sex Parents: Evidence from Administrative Panel Data', *American Sociological Review*, 85(5): 830-56, 2020.

IAIN MCLEAN (SENIOR RESEARCH FELLOW)

I retire (or cease being paid) on 30 September 2020, but will continue for a further year as a Senior Research Fellow to complete projects on public policy and maybe return to Thomas Jefferson. The project book on 'History of control of public expenditure by the UK Treasury 1992–2015', with Christopher Hood, Maia King, and Barbara Piotrowska, has been timetabled for delivery to OUP immediately after the Scottish Parliament election of 2021. As the result of that election is highly predictable, the relevant epilogue (elegy?) will be drafted ahead of that. Meanwhile, we are blogging or releasing various 'vignettes' of public spending disasters during the period. One that was fun to write (but, for the victims, not to live through) concerns the Renewable Heat Initiative in Northern Ireland, where the subsidy per kWh was set higher than the price of fuel per kWh. The team has worked through all the difficulties of COVID-19 and remained intact until the last day of funding, although both Maia and Barbara have secured further academic jobs.

Policy interventions during the year involved evidence for the Commons bill committee on redistribution of seats, and work on behalf of the British Academy and/or the Royal Society of Edinburgh. The second edition of my now-standard *Aberfan*, with Martin Johnes, came out early in the reporting period. The story of cover-up is no less shocking after over 50 years. A chapter on 'The Union' in the Oxford Handbook of Scottish Politics spends a surprisingly long time on what happened in 1707, including the important role played by Daniel Defoe. As the Union may be about to collapse, that work is topical.

The release, on court order, of the 'Palace letters' between the Queen's Private Secretary and Governor-General Sir John Kerr over the dismissal of Australian Prime Minister Gough Whitlam in 1975, provides material for a paper on sovereigns' secretaries which is being drafted now.

My term as chair of the politics and international relations section of the British Academy ended during the year, but I started a second term on the social science fellowship selection committee of the RSE. I continued to evaluate draft REF submissions for several universities.

I continued to lecture on the UK and Brexit at Charles University, Prague. My grant-writing skills were tested during the 6-month closure of the Welshpool & Llanfair Light Railway, of which I am vice-chair and appeals director. While it was closed, we secured about £80,000 in grant aid, and over £200,000 in donations and legacies, so that it will survive even though its business interruption insurance claim (like everyone else's) was rejected. I watch the litigation with interest.

I did not sing or play in public from March to September. Like other musicians, I have learnt the art of recording in isolation the hard way.

Publications

(with M. Johnes), *Aberfan: government and disaster*. Cardiff: Welsh Academic Press. 978-1-86057-0336.

Chapter 7, 'Understanding the Union' in M. Keating ed., *The Oxford Handbook of Scottish Politics* (Oxford: OUP 2020), ISBN 9780198825098, pp. 118-36.

CHRISTIAN MEYER (POSTDOCTORAL PRIZE RESEARCH FELLOW)

This was my first year at Nuffield. After an initial period of remote, part-time work to accommodate finishing my previous employment at the World Bank, I joined full-time in April 2020. I have tried my best to engage remotely with the College community despite the challenging times and have found everyone to be exceptionally welcoming, which is very motivating. I look forward to meeting everyone in person as soon as the situation permits.

My fieldwork has been heavily impacted by COVID-19, but I have been able to pivot some of my data collection activities to generate evidence on the impacts of the pandemic on firms and workers in Ethiopia.

In April 2020, I began fieldwork for high-frequency phone surveys on a panel of workers in one of the largest special economic zones on the continent: Hawassa Industrial Park in Southern Ethiopia is host to almost 28,000 workers who manufacture ready-made garments for large international brands. Our representative survey of about 4,000 workers documents how their lives are changing as a result of the pandemic. Respondents will be interviewed on a regular basis for a duration of six months. By rapidly reporting key areas of vulnerability and their predictors, my coauthors and I have already informed the government's response and the programming of development partners. A short note that summarizes early results from this survey is forthcoming in *World Development* and has already garnered some attention in the Ethiopian and international media. In it, we document the indirect 'market-reach' impacts of the pandemic through global supply chains: Even though Ethiopia had not been affected directly by the spread of the virus at the time of the survey, its workers were impacted through the sharp drop in global demand. A separate analysis of firm-level impacts is about to be published by the World Bank.

I have also continued to work on my existing research to bring it to publication. Together with my coauthor Egon Tripodi (University of Essex), I have two research papers that study incentives for charitable giving. One of the two papers is currently under review for publication. The other paper would benefit from additional data collection in the laboratory, which I am hoping to implement at the Centre for Experimental Social Science (CESS) over the coming term.

I was lucky to be awarded several grants for my work this year, including from the Abdul Latif Jameel Poverty Action Lab (J-PAL) Jobs and Opportunity Initiative for new work on Ethiopia's labor markets and the International Growth Centre for the analysis of firm- and worker-level data during the pandemic.

Publications

(with M. Hardy, M. Witte, G. Kagy & E. Demeke), 'The Market-Reach of Pandemics: Evidence from Female Workers in Ethiopia's Ready-Made Garment Industry', *World Development*, forthcoming, 2020.

MARGARET MEYER (OFFICIAL FELLOW)

I presented 'Choosing Joint Distributions: Theory and Application to Information Design' at the Penn State Conference on Information in Markets (December) and in the CalTech Economic Theory online seminar (May). This project studies settings in which a decision-maker chooses a joint distribution of random variables, taking as given the marginal distribution of each individual variable. Applications of this framework arise in many areas of economics, including the choice of disclosure strategies for persuading multiple audiences, the design of products with multiple attributes, and optimal transport problems.

In 'Gaming and Strategic Opacity in Incentive Provision', Florian Ederer (Yale), Richard Holden (New South Wales), and I studied theoretically the benefits and costs of 'opacity' (deliberate lack of transparency) of incentive schemes as a strategy to combat gaming by better informed agents. Edoardo Gallo (Cambridge) and I have found experimental support for some of the key predictions of the theory. I presented this latter project, 'Gaming and Stochastic Contracts: Experimental Evidence', at a seminar at the European University Institute in October.

With Eszter Kabos (formerly at Oxford), I am analysing the sources of inefficiencies when individuals learn by observing the choices of others, for example, in making decisions about consumption, investment, or adoption of new technology. In 'A Welfare Analysis of a Steady-State Model of Observational Learning', we cast doubt on the conventional wisdom that, from a societal point of view, individuals always place too little weight on their own sources of information and too much weight on the decisions of others.

With Mikhail Drugov (New Economic School, Moscow) and Mark Moeller (Bern), I am analysing the design of a sequence of contests when the objective is to select the most able contestant on the basis of the rank-order results.

I continued to serve on the organizing committee of the European Summer Symposium in Economic Theory (Gerzensee). Within Oxford, I initiated the Student Research Seminar in Microeconomic Theory and continued to organize the Nuffield Economic Theory Workshop. I also served on the committee to reform the Oxford Economics graduate programme.

Publications

(with I. Moreno de Barreda & J. Nafziger), 'Robustness of Full Revelation in Multisender Cheap Talk' *Theoretical Economics*, 14: 1203-36, Nov. 2019.

DAVID MILLER (SENIOR RESEARCH FELLOW)

For me, this was a year when several past projects came to completion in the form of published work, and a time to plan and do preparatory work on new ones – until lockdown struck, making research more difficult for those of us who still need access to books, and frustrating attempts to meet up with potential collaborators.

One such project is to explore in greater depth the relationship between normative political theory and empirical social science. I have long defended empirically-based political theory in general terms, but it now seems essential to look more closely at particular research techniques – for example experimental studies – and see what can be learned by applying them. This is a project to be taken forward jointly with Alice Baderin, now at the University of Reading. I gave a paper to a conference on data-sensitive political theory organized by Alice in February, and had planned a one-day workshop in Nuffield with Keith Dowding (Academic Visitor) in June before COVID-19 ruled this out.

A second project continues my collaboration with Christine Straehle at the University of Hamburg, and this is on climate-induced migration. People who are forced by climate change to abandon their homelands are sometimes described as 'climate refugees', but this label is potentially misleading, since it suggests that individualised solutions involving grants of asylum are

the right response – whereas the people concerned may wish to relocate collectively. Can they demand concessions of territory from the states that have contributed to climate change in order to do so? Or should they be granted individual freedom of movement? And so on.

While doing preparatory work on these projects, I wrote two more philosophical papers, one a critical comparison of Henry Sidgwick and John Rawls on the role of desert in distributive justice, and the second a further development of my analysis of the duty of rescue, this time asking whether (and if so how) a victim's responsibility for getting into danger affects the duty of his or her potential rescuer. Both of these papers are now under review for journal publication.

Late in the year I was delighted to be given their biennial Lifetime Achievement Award by the European Consortium for Political Research. I hope that this signals a willingness on the part of European political scientists to continue close collaboration with their counterparts in the UK, Brexit notwithstanding. Unfortunately the conference in Innsbruck where the award was to be presented became virtual only.

Publications

(with C. Straehle, ed.), *The Political Philosophy of Refuge*, Cambridge, Cambridge University Press, 2020.

(with G. Gustavsson, ed.), *Liberal Nationalism and its Critics: Normative and Empirical Questions*, Oxford, Oxford University Press, 2020.

Is Self-Determination a Dangerous Illusion?, Cambridge, Polity Press, 2019.

'Selecting Refugees' in D. Miller and C. Straehle, eds., *The Political Philosophy of Refuge*, Cambridge, Cambridge University Press, 2020.

'The Coherence of Liberal Nationalism' in G. Gustavsson and D Miller, eds., *Liberal Nationalism and its Critics*, Oxford, Oxford University Press, 2020.

'Needs-based Justice: Theory and Evidence' in A. Bauer and M. Meyerhuber, eds., *Empirical Research and Normative Theory*, Berlin, De Gruyter, 2020.

'The Nature and Limits of the Duty of Rescue', *Journal of Moral Philosophy*, 17: 320-41, 2020.

'Immigration' in T. Brooks, ed., *The Oxford Handbook of Global Justice*, Oxford, Oxford University Press, 2020.

'Justifying the Right of Return', *Theoretical Inquiries in Law*, 21: 367-94, 2020.

COLIN MILLS (PROFESSORIAL FELLOW)

From October 2019 through the first half of 2020 I was on sabbatical leave which I spent in Germany. I used the time to make significant progress on a project I have long been contemplating, the 1939 Social Mobility Study. This does not involve time travel (or only metaphorically) but takes advantage of the digitisation and searchability of the war-time register of the English and Welsh population in 1939. The register includes information on geographical location, day, month and year of birth and occupation for everyone living in a household. Manual linkage to the 1881, 1891, 1901 & 1911 Census provides information on occupational careers and the occupation of the parents of those enumerated in 1939.

In the first phase of the study I focused my attention on a proof of concept general sample – all males born on 3 specific dates in 1880. The outcome is extremely encouraging with successful linkage to Census data from the parental generation in more than 80% of cases. This is a much better rate of success than has been achieved in studies which rely on automatic nominal linkage. The downside is that the work is very time consuming. As well as carrying out the manual linkage I also coded over 8000 pieces of occupational information to the 1911, 1951 and 1971 Census codes as well as to the categories of the Hall-Jones scale. Having satisfied myself as to the feasibility of the project I increased the size of the general sample by including 2 more birth dates in 1880 and by starting a second study of men enumerated in 1939 in five professional occupations – teaching, law, medicine, the clergy and acting.

I'm very grateful to the Warden and Fellows of Nuffield, to the Sociology Department and the Social Sciences Division for granting me the leave I needed to get this project off the ground. Without the best part of the year free of my normal duties it would have been impossible. With the help of an RA I look forward to more progress in the next 12 months, the creation of a project website and the project's first publications.

MELINDA MILLS (PROFESSORIAL FELLOW)

It has been an exciting year. In November 2019, we launched the Leverhulme Centre for Demographic Science (LCDS) (www.demographicsscience.ox.ac.uk), where I am the Director and PI. The Centre is funded with £10M for 10 years and additional matching from Nuffield College (see Centre overview). I ended my ERC Consolidator Grant (www.sociogenome.com) in October with sadness, but was delighted to start my new ERC Advanced Grant 'CHRONO' the next day in November to examine biosocial aspects of nonstandard and precarious work and chronotype. I was honoured to receive the Clifford C. Clogg Award for Mid-Career Achievement from the Population Association of America as well. As COVID-19 hit, we felt obliged to turn our expertise to that topic. In addition to many fruitful LCDS publications, for me this included becoming a member of the Royal Society's Sciences in Emergency Tasking Group (SET-C) to respond to requests from the Government Office for Science, British Academy and UKRI/ESRC's COVID-19 emergency groups and more recently joining the SAGE sub-committee on ethnicity and vulnerable populations. I continue to serve on the Executive Council of the UKRI/ESRC and Supervisory Board of the Dutch Science Foundation. The Royal Society/BA report I wrote on face masks and coverings for the general public made considerable policy impact. In 2020, I will also launch my new social enterprise business DNA4Science, with funding from an ERC Proof of Concept Grant to crowdsource genetic, social survey, genealogy and social media for transparent and ethical reuse by scientists. This autumn I will also begin my first ever (!) sabbatical, with previous ones always cancelled for what seemed like good reasons (maternity leaves, new grants, moving). I look forward to focussing on and enjoying my research.

Publications

(with F. C Tropf), 'Sociology, Genetics and the Coming of Age of Sociogenomics', *Annual Review of Sociology*, 46: 553-81, 2020.

(with C. Rahal), 'The GWAS Diversity Monitor tracks diversity by disease in real time', *Nature Genetics*, 52: 242-43, 2020. Real time dashboard: www.gwasdiversitymonitor.com.

(with N. Barban & F.C Tropf), *An Introduction to Statistical Genetic Data Analysis*. Cambridge, MA: The MIT Press, 2020.

(with R. Verweij, H. Snieder & G Stulp), 'Three facets of planning and postponement of parenthood in the Netherlands' *Demographic Research*, 43(23): 659-72, 2020.

(with C. Rahal & E. Akimova), 'Face masks & coverings for the general public: behavioural knowledge, effectiveness of cloth coverings & public messaging' report for the *Royal Society & British Academy*, 2020.

(with J. B Dowd, et al.), 'Demographic Science aids in understanding the spread and fatality rates of COVID-19', *PNAS: Proceedings of the National Academy of Sciences*, 117(18): 9696-98, 2020.

(with P. Block, et al.), 'Social network-based distancing strategies to flatten the COVID-19 curve in a post-lockdown world', *Nature Human Behaviour*, 4: 588-96, 2020.

(with B. Gaye, et al.), 'Socio-demographic and epidemiological consideration of Africa's COVID-19 response: what is the possible pandemic course?' *Nature Medicine*. 26: 996-99, 2020.

(with M.D Verhagen, D.M Brazel, J.B Dowd & I. Kashnitsky), 'Forecasting spatial, socioeconomic and demographic variation in COVID-19 health care demand in England and Wales', *BMC Medicine*, 18: 203, 2020.

(with R. Taiji), 'Non-standard Schedules, work-family conflict, and the moderating role of national labour context: Evidence from 32 European countries', *European Sociological Review*, 36(2): 179-92, 2020.

(with T. Zwinkels), 'Pathways to Power: the Role of Pre-Parliamentary Careers and Political Human Capital in the Obtainment of Cabinet Positions', *Legislative Studies Quarterly*, 45(2): 207-52, 2020.

(with J. B Dowd, et al.), 'Reply: A renewed call for detailed social and demographic COVID-19 data from all countries' *PNAS: Proceedings of the National Academy of Sciences*, 117(25): 13884-85, 2020.

(with X. Ding & N. Barban), 'Educational attainment and allostatic load in later life: Evidence using genetic markers' *Preventive Medicine*, 129: 105866, 2019.

(with X. Ding, N. Barban & F.C. Tropf). 'The relationship between cognitive decline and a genetic predictor of educational attainment' *Social Science & Medicine*, 239: 112549, 2019.

(with R. M. Verweij, et al.), 'Using polygenic scores in social science research: Unraveling childlessness', *Frontiers in Sociology*, 2019. <https://doi.org/10.3389/fsoc.2019.00074>.

CHRISTIAAN MONDEN (PROFESSORIAL FELLOW)

I continued to work on my FamSizeMatters project on family size and social inequalities and on balancing this and other research with the Headship of the Department of Sociology. Everything changed in early March 2020 when the pandemic reached the UK. Since then my research activities have been mostly focussed on supporting the continuation of research by students and postdocs on my projects, and the research effort in the department at large.

Publications

(with P. Präg & S. Choi), 'The Sibsize Revolution in an International Context: Declining Social Disparities in the Number of Siblings in 26 Countries', *Demographic Research*, 43(17): 461-500. doi: 10.1111/jomf.12584.

(with S. Choi, M. Chen & R. Taiji), 'Cohort Trends in the Association Between Sibship Size and Educational Attainment in 26 Low-Fertility Countries', *Demography*, 57, 1035-62. doi: 10.1111/padr.12209.

(with L. Andriano), 'The Causal Effect of Maternal Education on Child Mortality: Evidence from a Quasi-Experiment in Malawi and Uganda', *Demography*, 56, 1765-90. doi: 10.1007/s13524-019-00812-3.

(with L. Anderson & E. Bukodi), 'Double trouble: does job loss lead to union dissolution and vice versa?' *European Sociological Review*, forthcoming. doi: 10.1093/esr/jcaa060.

JOHN MUELLBAUER (SENIOR RESEARCH FELLOW)

No-one's life has escaped disruption, this year of the pandemic. I continued as a Senior Fellow of the INET at the Oxford Martin School, but invited visits were abandoned to the Peterson Institute and Federal Reserve Board in Washington for presentations and advisory work on the large policy model, FRB-US, and the ECB's annual Sintra conference.

Research on international housing markets continued. The *Journal of Economic Literature* accepted my survey paper on national and international

house price cycles – five years in the writing- with John Duca and Anthony Murphy, with all six referees positive.

Interactions between housing and the wider economy, a research interest since the 1980s, have implications for climate change, social exclusion and poverty, income and wealth inequality, regional inequality, labour markets, financial stability and sustainable growth. The OECD is developing a coherent whole-of-government approach to housing and climate and I gave the keynote address for the project 'Building an OECD Housing Strategy', on 25 Feb. in Paris, also serving on a panel on 'green' mortgage finance on housing and sustainability.

Housing and financial stability was the subject of one of two papers (the second concerned communication and financial stability) commissioned by the South African Reserve Bank from Janine Aron and me as SARB Research Fellows, presented at their biennial conference in October 2019. Our Fellowships were extended for another year. We spent an intensive period interacting with staff to improve their *Financial Stability Review* and to bring macroprudential instruments into their core econometric policy model, making the credit channel linkages more explicit.

These themes, linking with the revolution in the micro-foundations of macroeconomics post-crisis, were addressed in a forthcoming paper for the *Oxford Review of Economic Policy* on the theme 'Towards Better Macroeconomic Theory and Policy-making'. My critique of current policy models was aired at a Banque de France workshop (26 Feb.). A practical application is a new paper on Italy's consumption function with Danilo Liberati, Concetta Rondinelli and Ricardo Debonis of the Bank of Italy. Concerning the pandemic, I wrote a VoxEU article on the likely impact on US consumer spending.

An unexpected research departure linked to the pandemic was evaluating measures of excess mortality for comparing countries and regions to evaluate pandemic policy options. In Europe, England had the highest cumulative excess mortality in total, and, most strikingly, for the 15-64 age group. We recommended that national statistical offices should publish P-scores (excess deaths divided by 'normal' deaths) for states and sub-regions and more granular data. The VoxEU summaries of our three

papers have had a wide readership and press coverage, including by the BBC, with whom we worked. A comprehensive ONS comparison across Europe of excess mortality, published on 30 July, adopted many of our recommendations and confirmed our findings on England. We produced a paper on transatlantic comparisons, showing that the U.S. had experienced higher rates of excess mortality than Europe as a whole, contradicting claims by the President, with its worst affected region far worse than the worst countries in Europe. The VoxEU version of the paper clearly touched a raw nerve, moving to 'most read of the month' on the VoxEU website after one day, with wide coverage on social media.

Publications

(with J. Duca & A. Murphy), 'What Drives House Price Cycles? International Experience and Policy Issues', *Journal of Economic Literature*, forthcoming. <https://www.aeaweb.org/content/file?id=12410>.

(with J. Aron), 'Measuring excess mortality: the case of England during the Covid-19 Pandemic'. INET Oxford Working Paper No. 2020-11. <https://www.inet.ox.ac.uk/files/6-May-20-Muellbauer-Aron-Excess-mortality-in-England-vs.-Europe-and-the-COVID-pandemic.pdf>.

(with J. Aron), 'Excess mortality: England is the European outlier in the Covid-19 pandemic', 18 May, CEPR: VoxEU.

(with J. Aron, C. Giattino & H. Ritchie), 'A pandemic primer on excess mortality statistics and their comparability across countries'. <https://ourworldindata.org/covid-excess-mortality>.

(with J. Aron), Transatlantic excess mortality comparisons in the pandemic, 25 Aug. <https://owid.cloud/app/uploads/2020/08/Aron-and-Muellbauer-Transatlantic-excess-mortality-comparison.pdf>.

(with J. Aron), 'The US excess mortality rate from COVID-19 is substantially worse than Europe's', 29 Sept., CEPR: VoxEU.

STEPHEN NEI (POSTDOCTORAL PRIZE RESEARCH FELLOW)

Prior to COVID-19, I had been getting to help organize Peyton's biweekly conference on 'Learning, Games, and Networks' along with David Delacretaz. The main event of my past year has been the economics job market. The late August bank holiday was my last official day as a Nuffield PPRF and I

have since started as a Lecturer at the University of Exeter Business School. I have greatly loved my time at Nuffield and I am looking forward to keeping in touch!

BENT NIELSEN (PROFESSORIAL FELLOW)

I continued working on robust statistics with S Johansen and V Berenguer Rico. A frequently used robust regression estimator is the Least Trimmed Squares estimator. The research is concerned with a model where this estimator is maximum likelihood. This gives a new way of thinking about outliers and inference in the presence of outliers.

I also continued to work with Z. Fannon and C. Monden on age-period-cohort models. These models are used in non-life insurance, demography, economics. The idea is to develop new models with an age-period-cohort element for new types of the data. This way I started a project on now-casting COVID-19 deaths in England with S Bird. This research is supported by an ERC project with F Billari on discontinuities in household and family formation.

I presented a paper at the EC2 Conference held at St Anne's College.

I am an associate editor of the Scandinavian Journal of Statistics and serve as the treasurer of the Royal Statistical Society's Oxford Local Group.

Publications

(with D. Kuang), 'Generalized Log-Normal Chain-Ladder', *Scandinavian Actuarial Journal*, 2020.

(with V. Berenguer-Rico), 'Cumulated sum of squares statistics for non-linear and non-stationary regressions', *Econometric Theory*, 2020.

(with Z. Fannon), 'Age-period-cohort models', *Oxford Research Encyclopedia of Economics and Finance*, 2019.

(with V. Elpidorou, C. Margraf & M.D. Martínez-Miranda), 'A likelihood approach to Bornhuetter-Ferguson analysis', *Risks*, 2019.

(with T. Kurita), 'Partial cointegrated vector autoregressive models with structural breaks in deterministic terms', *Econometrics*, 2019.

BRIAN NOLAN (SENIOR RESEARCH FELLOW)

This year the *Oxford Martin Programme on Inequality and Prosperity* that I lead has continued to investigate the forces underlying rising income and wealth inequality and their economic, social and political impacts in rich countries. This has included further probing of differences in inequality trends across those countries (with Stefan Thewissen). I also investigated the combined effects of GDP growth and inequality on the living standards of ordinary households have been teased out (with David Weisstanner), and the best way to capture that outcome in a single aggregate socio-economic indicator assessed. The extent to which earnings gaps between the social classes and the role these play in overall earnings inequality vary across rich countries has also been brought out (with Tim Goedemé, Marii Paskov and David Weisstanner). In a related project (with Juan Palomino and external collaborators Salvatore Morelli and Philippe Van Kerm) supported by the Nuffield Foundation, we have compared the extent and nature of intergenerational transmission of family wealth has been compared across a set of rich countries using emerging data from household wealth surveys. This highlights the contribution these transfers via inheritance and gifts *intra vivos* make to current levels of wealth inequality. Finally, I started a new long-term project on Distributional National Accounts funded by the European Research Council has commenced, in collaboration with teams at the Paris School of Economics (led by Thomas Piketty) and Berkeley (led by Emmanuel Saez).

Publications

(with S. Thewissen), 'Inequality and Real Income Growth for Middle and Low-income Households Across Rich Countries in Recent Decades', *Research on Economic Inequality*, 28: 1–28, 2020.

(with J. Palomino, P. Van Kerm & S. Morelli), 'The Wealth of Families: The Intergenerational Transmission of Wealth in Britain in Comparative Perspective', INET Oxford Report supported by the Nuffield Foundation. <https://www.nuffieldfoundation.org/project/the-intergenerational-transmission-of-family-wealth>, 2020.

'The Median Versus Inequality-Adjusted GNI as Core Indicator of 'Ordinary' Household Living Standards in Rich Countries', *Social Indicators Research*, 150: 569–85, 2020.

(with D. Weisstanner), 'Has the middle secured its share of growth or been squeezed?' *West European Politics*, 173, 2020. doi: 10.1080/01402382.2020.1727.

(with M. Savage, T. Callan & B. Colgan), 'The Great Recession, Austerity and Inequality: Lessons from Ireland', *Review of Income and Wealth*, 65(2): 312-36, 2019.

ROSSA O'KEEFFE-O'DONOVAN (POSTDOCTORAL PRIZE RESEARCH FELLOW)

This year I was officially on sabbatical at the Global Priorities Institute (GPI), a new research institute at Oxford that conducts economics and philosophy research to help individuals and institutions seeking to do as much good as possible. My role at GPI is to help build the economics research team, and this was an exciting year as we hired two new postdocs to start in September 2020. I was delighted to retain my affiliation at Nuffield, especially in the first half of the year when we could all still benefit from the in-person community at college! This year I will resume my postdoc position at Nuffield.

My research this year largely focused on continuing a few key research projects, and I made good progress on some of these – COVID-19 delayed a couple but allowed increased focus on a couple of others. I submitted an older paper on network effects in the maintenance of water pumps in Tanzania after making significant additions and revisions last autumn and this spring. A second paper (with Frank DiTraglia, Camilo Garcia-Jimeno and Alejandro Sanchez) develops a new method for estimating causal effects of a programme or policy in settings where there are spillover effects and non-compliance with the treatment assignment. We completed a working paper earlier in the year, revised it in response to feedback from a round of presentations and are now revising again to (hopefully!) submit it in the next month or so.

Two other ongoing papers estimate the spillover effects of cash transfers in rural areas of developing countries. The first (with Natalie Quinn) is more methodological and develops a model of general equilibrium effects of cash transfers – i.e. how they might affect prices and production – before testing how well common empirical approaches perform in estimating these effects. The second paper (with Stefan Dercon, Rob Garlick, Kate Orkin and

Natalie Quinn) estimates the spillover effects and distributional effects of a large cash transfer programme in Kenya, using data that we have collected from a large randomised trial. In January, I learned that our application for a large research grant from CEDIL (with Doug Gollin, Natalie Quinn and Salome Bukachi) to support this research had been successful. The start of the project was delayed until June, and some additional fieldwork has been held up by COVID-19, but we're now excited that the project has started, and have made significant progress in the last three months. The data that we've collected so far is now ready for analysis and completing a working paper for each of these is my main focus for the coming year.

I was lucky enough to visit Yale earlier in the year, before the COVID-19 crisis hit, and had a really productive month pushing forward a couple of papers and getting feedback via a couple of seminar presentations. Since March, I've been getting used to presenting via Zoom, which has its pros and cons!

PATRICK PRÄG (NON-STIPENDIARY RESEARCH FELLOW)

In this academic year, I continued my work on the intergenerational transmission of advantage. My work on sibling resemblance in education I presented at the ECSR conference in Lausanne and a conference in Munich. I further explored the causal effect of adult children's education on parental health in work with Joan Madia, Felix Tropf, and Christiaan Monden. With Alexi Gugushvili, I examined the relationship between social mobility and health, focusing on subjective perceptions of mobility as well as cross-national comparisons. This was my last year as a Research Fellow at Nuffield. I thank everyone for the inspiring atmosphere and the sense of community I could benefit from in the last years. From September onwards I will work as an Assistant Professor at CREST, ENSAE Paris.

Publications

'Subjective Socioeconomic Status Predicts Self-Rated Health Irrespective of Objective Family Socioeconomic Background,' *Scandinavian Journal of Public Health*, 48(7): 707–14, 2020.

(with B. Beham, S. Drobnič, A. Baierl & S. Lewis), 'Work-to-Family Enrichment and Gender Inequalities in Eight European Countries,' *International Journal of Human Resource Management*, 31(5): 589–610, 2020.

(with S. Choi & C. Monden), 'The Sibsize Revolution in International Context. Declining Social Disparities in the Number of Siblings in 26 Countries,' *Demographic Research*, 43(17): 461–500, 2020.

(with M. Paskov & L. Richards), 'Does Downward Social Mobility Make People More Hostile Towards Immigrants?,' *Research in Social Stratification and Mobility*, 100543: 1–11, 2020.

CHARLES RAHAL (NON-STIPENDIARY RESEARCH FELLOW)

I had previously predicted that the largest change in my 2019/2020 academic year would relate to joining the Leverhulme Centre for Demographic Science as a Departmental Research Lecturer (and not changes related to the arrival of a pandemic of unprecedented scale): I intend to spend the 2020/2021 academic year further developing my superforecasting skills! Michaelmas Term began with convening and lecturing a module on Replication and Open Science (standing in for Professorial Fellow Colin Mills, who was on sabbatical). This was a true delight given how closely the subject matter aligns with my own interests. Michaelmas Term also saw the induction of my first DPhil supervisee (Mark Verhagen, also of Nuffield College, co-supervised with Professorial Fellow Dave Kirk). Unfortunately, like so many other planned activities, our convening of the Oxford variant of the Summer Institute for Computational Social Science was temporarily postponed, but we look forward to its future incarnation in 2021.

In terms of research, a long-standing idea made itself a reality when our work (joint with Professorial Fellow Melinda C. Mills) on the GWAS Diversity Monitor (gwasdiversitymonitor.com) was published in *Nature Genetics*, quickly garnering nearly one hundred thousand views and commendations across the field. Work in response to the pandemic joint with other members of Nuffield College and collaborators in Zurich provided evidence on the efficacies of social network-based distancing strategies in response to the pandemic, quickly inspiring several hundreds of newspaper articles and policy responses around the world. Following this, I was again honoured to contribute in some small way to a report jointly produced for the British Academy and the Royal Society SET-C on the use of face masks and coverings for the general public: a report which culminated in mass public debate and was widely cited as the cause for an eventual policy-change regarding requirements to wear face coverings in England. Looking forward

to the new academic year, I intend to publish further papers in relation to my British Academy Postdoctoral Fellowship and begin new work in the fields of inequality and computational methods development.

Publications

(with M.C. Mills), 'The GWAS Diversity Monitor tracks diversity by disease in real time', *Nature Genetics*, 52(3): 242-43, 2020.

(with P. Block, M. Hoffman, I.J. Raabe, J. B. Dowd, R. Kashyap & M. C. Mills.), 'Social network-based distancing strategies to flatten the COVID-19 curve in a post-lockdown world', *Nature Human Behaviour*, 4: 588–96, 2020.

(with E. Akimova & M. C. Mills), 'Face masks and coverings for the general public: Behavioural knowledge, effectiveness of cloth coverings and public messaging', *Royal Academy SET-C and British Academy*, 1-37, June 2020.

JEREMY RICHARDSON (EMERITUS FELLOW)

With Berthold Rittberger (LMU, Munich, and former Nuffield student), I co-edited a special issue of the *Journal of European Public Policy* (Vol.27.05) on the causes of Brexit. In our Introduction we reject the argument that Britain was always an awkward partner in the EU and that this was the primary cause of Brexit. Indeed, we suggest that Britain was actually a good member of the EU and that it was not inevitable that Britain would eventually leave. Instead, we argue that the EU itself made a significant contribution to Brexit via its task expansion. Additionally, we argue that the Brexit omnishambles was due partly to changes to the British policy style. The post-1979 period has seen major changes to the way policy was made, notably a considerable weakening of the civil service, the increasing role of political advisers in government, the arrival of ministers who are deeply committed to a particular set of *ideas*, and a significant decline in interest group influence.

Having spent the whole of my adult life believing that everyone is entitled to my opinion, I found it impossible to resist explaining to the rest of the world just how New Zealand crushed the COVID-19 curve. Thus, in collaboration with Sonia Mazey (University of Canterbury, NZ, and former Nuffield student), I published an article in *Political Quarterly* arguing that much credit is due to the New Zealand government, especially to Prime Minister, Jacinda Ardern's crisis leadership style and her reliance on scientific expertise. Having been ill-prepared for a pandemic, New Zealand managed both to

take decisive action and to mobilise strong support from a population of five million people in what became known as ‘Team New Zealand’. However, post-lockdown the New Zealand government has encountered a number of COVID-19 policy implementation problems (many of which could have been anticipated). We conclude by arguing that all governments need to adopt a more *anticipatory* policy style and that COVID-19 might turn out to be a global seismic shock to existing policy processes and policy frames (such as austerity). If so, there are grounds for hope that in the future, governments and voters might be less short-term in their outlook.

I was also given the opportunity to contribute a chapter to *The Oxford Handbook of Political Representation in Liberal Democracies*. In the chapter I argue (as I have done for over half a century now; will someone please listen?) that interest groups are often a more effective channel of representation for citizens than political parties.

Living in New Zealand, I have grown used to what ageing rock stars do when they are well past their best. They come to New Zealand on a revival tour and sing the same old songs. As I am also a bit past my best, I had mixed feelings when in 2020, Routledge republished *Campaigning for the Environment* (co-edited with Richard Kimber in 1974). I think the book was actually ahead of its time when first published, but, like Mick Jagger, it does show its age somewhat.

Publications

(with B. Rittberger), ‘Brexit: Simply an omnishambles or a major policy fiasco?’ *Journal of European Public Policy*, 27(5): 649-65, 2020.

(with S. Mazey), ‘Lesson-drawing from New Zealand and COVID-19: The need for anticipatory policy-making’, *Political Quarterly*, 2020. <https://onlinelibrary.wiley.com/doi/10.1111/1467-923X.12893>.

‘Interest groups and the market for representation’ in R. Rohrschneider and J. Thomassen, eds., *The Oxford Handbook of Political Representation in Liberal Democracies*, Oxford: Oxford University Press, 453-69, 2020.

VALENTINA ROTONDI (NON-STIPENDIARY RESEARCH FELLOW)

My first year as Nuffield Non Stipendiary Research Fellow has been fruitful. In this period I have pursued two main research projects.

The first project involved some colleagues from Nuffield College (namely, Kashyap R. and Billari F.). It included the revision and publishing of two articles and a book chapter on the effects of the digital revolution on a set of socio-economic development outcomes including gender equality, contraceptive prevalence, and maternal and child mortality. A third paper (joint with Pesando L.M.) is currently in the 'revise & resubmit' phase at a leading demographical journal.

The second project has been collaborative work with Dowd J.B., Andriano L., Brazel D.M., Block P., Ding X., Liu Y. and Mills M.C. In this project we explored how demographic science might help in understanding the spread and fatality rates of COVID-19.

Recently, I worked on a project with Kashyap R. and Battiston P. exploring the dynamics of reliance on scientists and public health authorities during the COVID-19 outbreak in Italy, by leveraging data from Twitter and two online surveys, including a survey experiment conducted in collaboration with the CESS. This project is currently in the 'revise & resubmit' phase at a leading sociological journal.

Publications

(with L. Pesando), 'Mobile technology and gender equality' in *Encyclopedia of the UN Sustainable Development Goals*. Gender Equality, 2020.

(with R. Kashyap, L. M. Pesando, S. Spinelli & F. C. Billari), 'Leveraging Mobile Phones to Attain Sustainable Development', *Proceedings of the National Academy of Sciences*, 2020.

(with J. B. Dowd, L. Andriano, D. M. Brazel, P. Block, X. Ding, Y. Liu & M.C. Mills.), 'Demographic science aids in understanding the spread and fatality rates of COVID-19', *Proceedings of the National Academy of Sciences*, 2020.

(with F. Billari & J. Trinitapoli), 'Mobile Phones, Digital Inequality and Fertility: Longitudinal Evidence from Malawi', *Demographic Research*, 2020.

MARTI ROVIRA (NON-STIPENDIARY RESEARCH FELLOW)

During this year, I started my British Academy Postdoctoral Fellowship. I have worked mainly on three projects:

This first examines the recent growth of criminal background checks – the request of information on criminal records for non-judicial purposes. I am analysing a new dataset containing the number of criminal record certificates issued in recent years for 47 countries. The results of this work have been presented in the annual conference of the European Society of Criminology. In the same research area, I have been writing a paper on the factors that play a part in the growth of criminal background checks. Using data from Spain, I detected that part of this trend is linked to the emergence of global tech companies that are requesting certificates of criminal records for the positions that they are advertising. The influence of these companies raises alarm bells on the role of novel forms of globalisation and the new collaborative economy in limiting the re-entry of individuals with criminal records to the labour market. This last paper is *'In Review'* at the European Journal of Criminology.

Second, I am designing an audit study to research the effects of having a criminal record on the probability of finding a job in the UK. Audit studies consist of sending applications to real job openings from two equivalent fictitious individuals. These applications differ only in one characteristic of their CVs, such as the mention of a prison stay. Then, the differential response rates from employers to these two fictitious job applications are used as indicators of discrimination by this characteristic in the labour market.

Third, I have written two articles on the effects of criminal records in Spain together with Elena Larrauri (Universitat Pompeu Fabra – UPF, Spain). One article, entitled 'Publicity, request and expungement of criminal records in Spanish courts', is *'In Review'* at the journal 'Revista Electronica de Ciencias Penales y Criminología'. Another has been published.

Also, I have finished the data collection for an audit study together with David Kirk on the stigmatisation of police officers in the US, during which we obtained data for more than 700 different job openings. Also, I have continued working with Jorge Rodriguez-Menés (UPF) on a study of the effects of different types of sentences for intimate partner violence on recidivism.

Publications

(with E. Larrauri), 'Publicidad, Certificados y Cancelación de los antecedentes penales. ¿La cultura del control se consolida en España desde las nuevas leyes de 2015?' [Publicity, request and expungement of criminal records. Is the culture of control increasing in Spain since 2015?]. *Indret Criminología*, 3/2020, 2020.

SAM ROWAN (RESEARCH FELLOW)

I spent the year as a postdoctoral fellow in the Climate Econometrics group at Nuffield College. The Climate Econometrics group is very unique in bringing together climate scientists, geographers, economists, and political scientists to collaborate on applied climate research.

I spent part of the year publishing research on the climate policy targets contained in the 2015 Paris Agreement on Climate Change. Most of the research on this topic has been conducted by natural scientists, but I found that very political processes underlie these targets, which had not previously been addressed by natural scientists. Climate policy has an element of global public goods provision – a key topic for political scientists – but I found that to adequately measure climate policy targets required tools and data from climate scientists. I also developed a new research project on how the impacts of climate change affect climate policy. Governments' climate policies are generally inadequate to meet the Paris Agreement's goals, but I thought perhaps countries that have been more affected by climate change so far will have adopted more stringent climate policies, such that future climate change impacts might also spur greater climate action.

In my opinion, these two projects highlight how research from the natural sciences can be incorporated into core political science topics, but also how political scientists can contribute to debates in climate science.

Climate change is a truly global challenge and interdisciplinary research – like that conducted in the Climate Econometrics programme – will be needed to address it.

Publications

'Pitfalls in comparing Paris pledges', *Climatic Change*, 155(4): 455–67, 2019. doi: <https://doi.org/10.1007/s10584-019-02494-7>.

DAVID RUEDA (PROFESSORIAL FELLOW)

This past academic year, I continued to work on several research themes: the determinants of redistribution preferences, the influence of redistribution demands on voting, and the electoral dynamics influencing the transformations of the welfare state during the 20th century.

I was the Chair of the Politics Group at Nuffield and the Director of MPhil in Comparative Government at the Department of Politics and International Relations. I was a Visiting Professor at the Faculty of Business, Economics and Statistics, University of Vienna. I co-organized the Nuffield Political Science Seminar and the Comparative Political Economy Seminar.

As in previous years, I assessed grants and research applications for several institutions and foundations and served as external examiner in several PhD examinations.

I obtained grants for several research projects: British Academy/Leverhulme Small Research Grant for 'Fairness, Risk and the Welfare State' (with Verena Fetscher); Nuffield Academic Fund grant, for 'Fairness, Risk and the Welfare State' (with Verena Fetscher); John Fell OUP Research Fund grant for 'Economic Benchmarks and the Rise of Resentment in Industrialized Democracies' (with Spyros Kosmidis); Nuffield Academic Fund grant for 'Insuring Against Hunger? Long-Term Political Consequences of Exposure to the Dutch Famine'.

And I presented on-going work at the IPE seminar, Department of International Relations, LSE; Swedish Institute of Social Research, University of Stockholm; APSA, Washington DC; CAGE, University of Warwick; EPSA, Belfast; Academia Sinica, Taiwan; Sungkyungwan University, Korea; Faculty of Economics, University of Vienna; NICEP Seminar, University of Nottingham; Institutions and Political Economy Research Group (IPERG), University of Barcelona; and the University of Miami.

Publications

(with D. Stegmueller), 'Who Wants What? Redistribution Preferences in Comparative Perspective', *Cambridge Studies in Comparative Politics series*, Cambridge University Press, 2019.

(with S. Häusermann & A. Kemmerling), 'How Post-Industrial Labor Market Inequality Transforms Politics', *Political Science Research and Methods*, 8(2): 344-55, 2020.

(with S. Thewissen), 'Automation and the Welfare State: Technological Change as a Determinant of Redistribution Preferences', *Comparative Political Studies*, 52(2): 171-208, 2019.

TOBIAS RÜTTENAUER

(POSTDOCTORAL PRIZE RESEARCH FELLOW)

Since joining Nuffield in September 2019, I have continued working on several methodological research projects. In the first project, I explore the finite sample properties of different spatial regression estimators. Based on Monte Carlo simulations, I find that one of the most simple spatial regression techniques (Spatial Lag of X or SLX) offers the most robust results compared to the widely used and more complicated counterparts. In the second project, Volker Ludwig (Kaiserslautern) and I outline the potential shortcomings of conventional fixed effects estimators, and discuss the advantages of using fixed effects individual slopes (FEIS) estimators. We also compare the methods by using Monte Carlo simulations, and propose a new Hausman-like regression test to identify potential biases in fixed effects and multilevel models due to heterogeneous slopes. We also implemented the methods in the software package *feisr* for *R*, which is published on CRAN. The respective papers have been published in *Sociological Methods & Research*.

Besides my methodological work, I have continued my research on environmental inequality. During the first months of my fellowship, I have finalised two papers analysing the role of selective residential sorting in shaping the disproportionate exposure of ethnic minorities and economically disadvantaged households to environmental pollution. While one paper looks at the demographic changes in municipalities after the siting or clean-up of industrial facilities, the other paper investigates how changes in the subjective perception of environmental pollution influences the likelihood of residential migration. I presented this work at several conferences and seminars, including the seminar series 'Empirical Social Research' at the University of Konstanz.

Since joining Nuffield, I also initiated several new projects. First, I am currently analysing household panel data in the UK to investigate how disparities in the exposure to environmental pollution change over time. Second, I also started to analyse the consequences of individual exposure to extreme weather events. In this project, I want to assess whether the occurrence of floods or heat waves in the immediate residential surrounding influences individuals' perception of climate change and their environmental behaviour.

Besides my research work, I also took part in organising several events. I was pleased to co-organise the Nuffield Sociology Seminar during Trinity Term, which we turned into an online webinar series. Furthermore, Sebastian Mader (Bern) and I recently organised the workshop 'Environmental Social Sciences' at the University of Bern, which aimed at connecting research on environmental issues across a range of social sciences disciplines.

Publications

'Spatial Regression Models: A Systematic Comparison of Different Model Specifications Using Monte Carlo Experiments', *Sociological Methods & Research* OnlineFirst. doi: 10.1177/0049124119882467, 2019.

(with V. Ludwig), 'Fixed Effects Individual Slopes: Accounting and Testing for Heterogeneous Effects in Panel Data or Other Multilevel Models', *Sociological Methods & Research* OnlineFirst. doi: 10.1177/0049124120926211, 2020.

GWEN SASSE (PROFESSORIAL FELLOW)

As part of my leave from Oxford, I spent the last academic year in Berlin – it was my fourth year as Director of the Centre of East European and International Studies (ZOIS; for more information, see <https://en.zois-berlin.de/>), a research institute tasked with combining social science research on the wider region of Eastern Europe with active and new forms of research communication aimed at policy-makers, the media and the wider public. I also continue to be affiliated with the think-tank Carnegie Europe.

Over the last year, I have continued to conduct surveys among the populations in Ukraine affected most directly by the war in the Donbas region. Empirical data collected during rather than after a war provide us with the basis to assess the effects of war on attitudes, identities and

practices. I also continue to collect Ukraine-wide survey data as part of an international collaboration with Dr. Olga Onuch (University of Manchester), Prof. Henry Hale (GWU) and Dr Volodymyr Kulyk (National Academy of Sciences of Ukraine). We managed to include a series of COVID-19 related questions and survey experiments, allowing us to begin to trace the effects of the pandemic on attitudes and trust in political leaders and institutions.

Together with Dr Felix Krawatzek (Associate Member, Nuffield, and ZOiS) I have overseen a new wave of online-surveys among the younger generation in Russia, Belarus, Latvia and Poland. Our Belarus data provided a good basis for understanding the societal mass mobilization following the presidential elections in August 2020 – and made for an interesting experience in research communication during a crisis situation.

My three-year ORA-funded project ‘The Determinants of ‘Mobilisation’ at Home and Abroad: Analysing the Micro-Foundations of Out-Migration and Mass Protest (MOBILISE)’ in cooperation with colleagues from the University of Oxford, the University of Manchester, ENSAE, Université Paris Saclay and the Vrije Universiteit Amsterdam has reached its mid-point. A first wave of large-scale quantitative and qualitative data collection in Ukraine, Poland, Argentina and Morocco as well as migrant surveys, focus groups and in-depth interviews in the host countries Germany, the UK and Spain has almost been completed. The second wave of data collection was put on hold by COVID-19 but will resume in the autumn in partly revised formats, incl. virtual interviews and possibly online or telephone surveys. The first country-specific and comparative analyses of the quantitative data have been presented at workshops and conferences, incl. the virtual APSA 2020.

This is the last entry I write for the Annual Report in my capacity as Professorial Fellow. With one year left on my current contract as the first Director of the Centre for East European and International Studies (ZOiS), I have accepted an offer that combines a further five-year term at ZOiS with a professorship at Humboldt University (Berlin). This has not been an easy decision. I remain grateful for my time at Nuffield and intend to retain close links with the College. I am currently exploring new avenues for cooperation between Nuffield, ZOiS and Humboldt University and through the Oxford-Berlin alliance.

Publications

'War and Displacement – The Case of Ukraine', *Europe-Asia-Studies*, 72(3): 347-55, 2020. (Introduction to a special issue guest-edited by me).

(with A. Lackner), 'The Displaced as 'Ordinary Citizens': Exploring Variation in the Political Attitudes of the Displaced from Donbas', *Europe-Asia-Studies*, 72(3): 354-82, 2020.

(with A. Lackner), 'War and State-Making in Ukraine: Forging a Civic Identity from Below', *Ideology and Politics*, (12): 75-98, 2019.

DUNCAN SNIDAL (PROFESSORIAL FELLOW)

The conference supported through the Nuffield Academic Fund has resulted in the publication of *The Governor's Dilemma* by Oxford University Press. The book develops a general theory of indirect governance based on the tradeoff between governor control and intermediary competence. Governors in indirect governance relationships face a dilemma: competent intermediaries gain power from the competencies they contribute, making them difficult to control, while efforts to control intermediary behavior undermine their competencies, including expertise, credibility, and legitimacy. Thus, governors can obtain either high intermediary competence or strong control, but not both. This competence-control tradeoff is a common condition of indirect governance, whether governors are domestic or international, public or private, democratic or authoritarian. The empirical chapters analyze the operation and implications of the governor's dilemma in cases involving the governance of violence (e.g., secret police, support for foreign rebel groups), the governance of markets (e.g., the Euro crisis, the G20), and cross-cutting governance issues (colonial empires, 'Trump's Dilemma').

In 'Beyond Opportunism: Intermediary Loyalty in Regulation and Governance', my co-authors and I are pursuing an extension when intermediaries are not simply motivated by self-interest (*Opportunists*) but also by different types of loyalty: to leaders (*Vassals*), to policies (*Zealots*) or to institutions (*Mandarins*). While all three types of loyalists are resistant to the traditional problems of opportunism (slacking and capture), each brings pathologies of its own. We elaborate the benefits and control problems that different intermediary types create for governors and trace the implications of all four intermediary types for the public interest.

An ISQ paper on 'Boilerplate in International Trade Agreements' combines text analysis of 348 preferential trade agreements adopted between 1989 and 2009 with network analysis to examine the use of 'boilerplate' (repeated clauses and conditions) in trade agreements. While our expectation was that boilerplate would reflect the imposition of terms by more powerful states on weaker ones, we ended up supporting the more benign explanation that duplication is efficient.

My long-standing project with Felicity Vabulas on informal international institutions (such as the Concert of Europe or the G20) continues. We updated our data set and have completed a manuscript that describes the peculiar properties of these organizations and written a more speculative piece on how informal institutions facilitate a shift of international institutional equilibria during power transitions (as between the US and China). Michael Manulak and I have written a pair of papers that explain the proliferation of informal institutions through the improvement of international communication and transportation over the past century.

My Visiting Professorship at the University of Kobe for spring, 2020 was unfortunately cut short by the corona virus.

Publications

(with K. Abbott, P. Genschel & Bernhard Zangl, eds.), *The Governor's Dilemma: Indirect Governance beyond Principals and Agents*. Oxford University Press, 2020.

(with C. Peacock & K. Milewicz), 'Boilerplate in International Trade Agreements', *International Studies Quarterly*, 63: 923-37, 2019.

TOM SNIJDERS (EMERITUS FELLOW)

I am also appointed as Professor at the University of Groningen. My research is about statistical methods in the social sciences, with two main specialties: social network analysis and multilevel analysis (random coefficient models). Social network analysis is the study of relations in groups of individuals but also groups of firms, etc. A typical difficulty is that ties between different individuals can be highly interdependent, and the satisfactory representation of this kind of dependence is the main issue in

this type of statistical modelling. Computer simulation methods and Markov chain Monte Carlo procedures are used for this purpose.

I am a member of the Scientific Councils of the *Institute for Advanced Studies* and the *Laboratoire d'Excellence: Structuration des Mondes Sociaux*, both in Toulouse.

My work as maintainer and chief developer of the computer package *RSiena* in the statistical software system *R* has been going on.

Publications

(with R.W. Krause, M. Huisman & C.E.G. Steglich), 'Missing data in cross-sectional networks – An extensive comparison of missing data treatment methods', *Social Networks*, 62: 99-112, 2020.

(with M. Faye & J. Brailly), 'Network dynamics with a nested node set: Sociability in seven villages in Senegal', *Statistica Neerlandica* 74: 300-23, 2020.

(with M.A. Veldman, S. Doolaard & R.J. Bosker), 'Young children working together. Cooperative learning effects on group work of children in Grade 1 of primary education', *Learning and Instruction*, 67: 01308, 2020.

(with L.G.M. van Rijsewijk, C.E.G. Steglich, J.K. Dijkstra, & R. Veenstra), 'The interplay between adolescents' friendships and the exchange of help: A longitudinal multiplex social network study', *Journal of Research on Adolescence*, 30: 63-77.

(with T. Diviák & J.K. Dijkstra), 'Poisonous connections: a case study on a Czech counterfeit alcohol distribution network', *Global Crime*, 21: 51-73.

(with Z. J. Shushtari, S.A. Hosseini, H. Sajjadi, Y. Salimi, & A. Shashesmaeili), 'HIV risk perception and sexual behaviors among female sex workers in Tehran, Iran', *Medical Journal of the Islamic Republic of Iran*, 33: 101, 2019.

(with J. Lospinoso), 'Goodness of fit for the Stochastic actor-oriented model' *Methodological Innovations*, 12:3. doi:10.1177/2059799119884282, 2019.

(with N.M.D. Niezink and M.A.J. van Duijn), 'No longer discrete: Modeling the dynamics of social networks and continuous behavior', *Sociological Methodology*, 49: 295-340, 2019.

(with D. Dekker & D. Krackhardt), 'Transitivity correlation: A descriptive measure of network transitivity' *Network Science*, 7: 353-75, 2019.

(with K. Titlestad, K. Durrheim, M. Quayle, & T. Postmes), 'The dynamic emergence of cooperative norms in a social dilemma', *Journal of Experimental Social Psychology*, 84: 103799, 2019.

(with M.A. Veldman, S. Doolaard, & R.J. Bosker), 'Enhancing young students' high-level talk by using cooperative learning within Success for All lessons', *Pedagogische Studiën* 96: 82-97, 2019.

(with V. Amati & F. Schönenberger), 'Contemporaneous statistics for estimation in Stochastic actor-oriented co-evolution models' *Psychometrika*, 84:1068-1096, 2019.

ANETTE STIMMER (POSTDOCTORAL PRIZE RESEARCH FELLOW)

In my first year as Postdoctoral Prize Research Fellow at Nuffield, I have pursued two different strands of research.

First, I have continued to do research on norm contestation. I am interested in what happens when states disagree on how to interpret and implement international law. My book project develops a theoretical framework of possible outcomes of such norm contestation, and applies it to eight case studies, amongst others, the debates over the Iraq and Afghanistan wars. My dissertation, on which this book project is based, received the 2020 PSA Shirin M. Rai Dissertation Award for International Relations. I have extensively revised four chapters of my dissertation this academic year. These chapters are currently under review with Oxford and Cambridge University Press. I have also drafted a new theory paper where I suggest indicators for detecting the degree of commitment of states to international norms and for characterising norm contestation as exposing strength or weakness of law or as attempts at exceptionalism or norm change. I presented this paper at a virtual Norms Workshop, organised by Antje Wiener and Phil Orchard in March 2020. I am currently working on turning this paper into a chapter for a planned CUP edited volume on norm research by Wiener and Orchard. Lastly, together with Karolina Milewicz (Oxford), I am writing a chapter on 'Constitutionalism and Constitutionalization' for Duncan Snidal's and Michael Barnett's 'Oxford Handbook of International Institutions' – project.

Secondly, I am interested in gauging reasons for actions of decision-makers which appear to not be exclusively motivated by self-interest. Together with Nuffield DPhil student Jess Gliserman, I am doing research on Brexit rebellions in 2018/2019. Our project takes recent findings on moral psychology in politics and explores them at the elite level in the context of UK Brexit politics in 2019. We are researching how MPs who defied their party line on Brexit thought through this decision and what role moral considerations may have played in it. This research project has received special funding from the Warden. We have conducted 30 interviews and counting with Tory and Labour MPs who have rebelled or contemplated rebelling in 2019 to gauge their motivations and have done extensive text analysis of their public statements. We are aiming to submit an article to peer review at the end of this year.

Lastly, I have acquired some new skills: I developed a new option course for MPhil students in International Relations on International Law and International Relations, which I taught in Hilary Term, and I supervised an MPhil thesis. I also took a four-week course on quantitative text analysis at the University of Michigan's ICPSR summer program (online).

ANDREW THOMPSON (PROFESSORIAL FELLOW)

Over the last year I have been in transition from the *Executive Chair* of the Arts and Humanities Research Council and *UKRI International Champion* to Professor of Global and Imperial History. I'm not sure I've ever juggled so many and varied balls!

My current research focuses on the history of the international system of aid, development and human rights that emerged from the Second World War. This has brought me into close contact with several International Organisations, including the ICRC. A few years ago, I also discovered a major new archival repository on twentieth-century African NGOs, buried in the basement of the International Council for Voluntary Associations in Geneva. Since then, I've been working with an economist – Steve McCorriston (Exeter) – to assemble and interrogate the data from the archive. We are drafting an article: 'The 'Big Survey': Decolonisation, Development and the First Wave of NGO Expansion in Africa after 1945'.

With my AHRC programme grant, a related project has recently been launched: *International NGOs and the Long Humanitarian Century: Legacy, Legitimacy and Leadership*, with Professor Sir Mike Aaronson. This project addresses current crises within the humanitarian sphere by bringing together academics, senior leaders from the aid sector and policy makers to identify the characteristics of the successful International NGO of 2030. An Advisory Board, co-chaired by Yves Daccord (former Director-General, ICRC) and Baroness Valerie Amos (Former Secretary of State, DFID) is supporting the project. We are conducting a large-scale survey of INGO Leadership, with the help of Save the Children, and Nuffield's Academic Development Fund is generously funding a postdoctoral researcher to work on the project.

Over the last year I was directly involved in the *Windrush Lessons Learned Review* (2020). I presented to Home Office officials on the historical dimensions of the scandal, subsequently commenting on the report in draft, and recommending a comprehensive education programme for all current and future Home Office staff. In July 2020 I ran a high-level seminar on the report's recommendations. Speakers included Yvette Cooper MP, Baroness Valerie Amos, Baroness Doreen Lawrence, Professor David Olusoga, and David Lammy MP. In addition, I published an article on 'When actions really do speak louder than words' in *Times Higher Education* (July 2020), which reflects on the need for universities to make good on their promises of change in the wake of the Black Lives Matter movement.

My role as UKRI International Champion has brought the joys of Brexit contingency planning alongside numerous speaking engagements. In November 2019, I was a keynote speaker at the 2nd Biannual Conference of the African Research Universities Alliance in Nairobi, giving an address on the 'Age of the techno-scene: Why we will need the Arts and Humanities to tame the tiger of the fourth industrial revolution and artificial intelligence', published in the *New Statesman*. Later that month, and closer to home, I visited the University of Birmingham to speak on 'Research for Development in the 21st Century: What do we need from a Global Challenges Research Fund?', subsequently published in the *Times Higher Education*. Earlier this year, at the invitation of Achim Steiner, I had the opportunity to speak to the United Nations Development Programme Executive Team in New York on 'A Historical Perspective on the UN Sustainable Development Goals'. And, during lockdown, I participated in the Chinese Academy of Social Sciences'

virtual conference on ‘Global Economic Recovery: New Goals and Drivers’, presenting a paper: ‘Hitting the Resend Button – Lives and Livelihoods after Covid-19’, published in the *Guangming Daily*, China.

MARTIJN VAN DEN BRINK
(NON-STIPENDIARY RESEARCH FELLOW)

This academic year was my first year as British Academy Postdoctoral Fellow at the University of Oxford. I joined Nuffield College in January 2020. I spent the year working on my research project on religious equality within the European Union. In particular, I studied how the EU member states regulate religious actors as a matter of non-discrimination law and completed one article on the place of national identity within the European Union (currently under review).

Besides my work on the British Academy project, I worked towards completion of two previous research projects. The first project on the boundaries of citizenship within the European Union resulted in one publication in the *International and Comparative Law Quarterly*, which provides a normative account of the relationship between national and EU citizenship, and two forthcoming publications – one article in the *European Journal of Migration and Law* and a chapter in an edited volume. As part of the second project on the European Union legislature, I wrote an article that will be published in the *International Journal of Constitutional Law*, which offers a normative critique of the current allocation of powers between the EU’s legislative and judicial branch.

Publications

‘A Qualified Defence of the Primacy of Nationality over European Union Citizenship’, *International and Comparative Law Quarterly*, 69: 177-202, 2019.

‘The European Union’s Democratic Legislature’, *International Journal of Constitutional Law*, forthcoming.

‘Is it Time to Abolish the Substance of EU Citizenship Rights Test?’ *European Journal of Migration and Law*, forthcoming.

(with D. Sarmiento), ‘EU Competence and Investor Migration’ in D. Kochenov and K. Surak, eds., *The Law of Citizenship and Money* (CUP), forthcoming.

ZACHARY VAN WINKLE (NON-STIPENDIARY RESEARCH FELLOW)

My research in the past year has focused broadly on two questions: what individual and institutional factors shape individual life courses and what consequences do those life courses have for individuals themselves? Two publications in *the European Journal of Population* and *the Journal of European Social Policy* assessed the former question. In these two publications I investigated which factors may be behind more complex and diverse patterns of family formation in Europe. In terms of policy, my research suggests that a shift towards individualizing family policies, which reduce gender and intergenerational dependencies such as child- and eldercare, may have facilitated more turbulence in family lives. In Sweden, I found contrary to common conceptions that young adults' patterns of family formation have become more similar in recent decades, which can partially be attributable to higher educational attainment of both parents and their children.

As for the consequences of family life, a recent study that I published with Anette Fasang in the *Journal of Marriage and Family* assessed how parenthood wage differences vary by gender, race, and age in the United States. We find that White mothers of three or more children suffer persistent wage penalties from their late 20s into their 40s, while White fathers of many children experience only short-lived wage premiums early in the life course. Penalties and premiums for Black and Hispanic mothers and fathers are smaller and shorter lived, possibly because these individuals tend to be concentrated in occupations with low wage growth and highly compressed wages. I recently received a small award from the John Fell Fund to pursue this research further, but to take a holistic approach to studying the consequences of complex family demographic trajectories in the UK.

In other recent research published in *Social Politics and Evolutionary Human Sciences*, my co-authors and I have implemented sequence analysis in an interdisciplinary manner to answer questions on the reconciliation of women's work and family lives as well as testing assumptions of life history theory. As of September 2020, I am an Assistant Professor of Sociology at Sciences Po Paris and the Observatoire Sociologique du Changement.

Publications

(with A. Fasang), 'Parenthood Wage Gaps across the Life Course: A Comparison by Gender and Race', *The Journal of Marriage and Family*, 2020.

(with P. Sheppard), 'Using sequence analysis to test if human life histories are coherent strategies', *Evolutionary Human Sciences*, 2020.

'Family Life Course Standardization in Sweden: the Role of Compositional Change', *The European Journal of Population*, 2020.

(with H. Zagel), 'Women's family and employment life courses across twentieth century Europe: the role of policies and norms', *Social Politics*, 2020.

'Family Policies and the Complexity of Family Life Courses in 20th Century Europe', *The Journal of European Social Policy*, 2019.

FEDERICO VARESE (SENIOR RESEARCH FELLOW)

The year 2019–2020 has been strange and challenging. Nevertheless, I continued to work on a new data set of more than 5,000 detailed biographies of Russian criminal bosses. The first paper to be published out of this project appeared in *The British Journal of Criminology* in August 2020. I also continued to work on the application of Social Network Analysis to criminal groups, with a paper in *Social Networks*. I revisited a topic on which I wrote a book in 2011, namely the mobility of mafia groups, for the journal *Crime and Justice*. Fieldwork for the Leverhulme-funded project *i-gov* had to be halted due to COVID-19, but Paolo Campana and I hope to resume interviews in London soon.

Before lockdown, I gave several talks, including one at the Oxford Department of Sociology. During lockdown, I wrote some applications for funding. I also contributed to the debate on the effect of COVID-19 on organized crime, with interviews with, among others, to *The Guardian* and *Newsweek*. With Hong Kong Professor Rebecca Wong, I wrote a piece for *Project Syndicate* on wet markets and wildlife consumption in China. I also published articles in Italian on criminal welfare at the time of COVID-19. I wrote an essay on the Italian literary critic Attilio Momigliano for the *Times Literary Supplement*, titled 'Keep doing what you love'. I wrote reviews of recent books on the Russian political system for several magazines and continued to contribute to *La Repubblica*.

Throughout the year, I discharged my duties as a member of the editorial board of *The British Journal of Criminology* and as member of the technical board of the Oxford University Global Cyber Security Capacity Center.

Publications

(with J. Lonsky & Y. Podvysotskiy), 'Mafia Resilience: an empirical study of the Russian mafia', *British Journal of Criminology*, online first.

(with P. Campana), 'Studying organized crime networks: data sources, boundaries and the limits of structural measures', *Social Networks*, 2020, online first.

'Mafias on the Move: mechanisms of mafia expansion', *Crime and Justice*, online first.

'Ethnographies of Organized Crime', in *Oxford Handbook of Ethnographies of Crime and Criminal Justice*, 2020, in print.

FANGQI WEN (POSTDOCTORAL PRIZE RESEARCH FELLOW)

I joined Nuffield College as a Postdoctoral Prize Research Fellow in September, 2019. During the past academic year, I mainly focused on (1) finishing research projects started in my PhD and (2) proposing new research projects with colleagues in Oxford.

First of all, I continued to work on my dissertation project 'Perception of Social Mobility and Support for Redistribution in the United States'. I finished all data analysis and revised the manuscript for several rounds. I presented the main findings of this project at Nuffield Sociology Seminar in November, 2019 and at Central European University Sociology Seminar in February, 2020. Together with my Nuffield colleague Dirk Witteveen, I also initiated a related project, which used the same dataset collected for my dissertation, to examine how Americans' perceived level of social mobility affects their willingness to invest in their children's education. This manuscript is currently under review in an academic journal.

Second, I worked on responses to reviewers' comments for my project 'Assortative Mating by Only-Child Status and Accumulation of Economic Advantages in Contemporary China'. I presented this project at Nuffield Sociology Postdoc Writing Group in November, 2019 and received very

helpful feedback from colleagues. I already resubmitted the manuscript and it is currently under consideration for publication. To further explore the relationships between demography and inequality, I started two co-authored projects with colleagues in Oxford. Together with Zachary Van Winkle (former Nuffield Non-Stipendiary Research Fellow, current Assistant Professor at Sciences Po), I began to study the Second Demographic Transition in China and its implications for individual life chances. In collaboration with Hanzhi Hu (DPhil Candidate in Sociology), I proposed to examine how economic privatization has triggered the revival of son preference in the Post-Reform China.

Finally, jointly with Richard Breen (Nuffield Professorial Fellow), I started a project on historical social mobility in the United Kingdom. Specifically, we planned to use the historical UK censuses to reveal the long-term trend (more than 150 years) of intergenerational mobility in the United Kingdom. Compared to prior studies, we aimed to improve the linking algorithm for censuses as well as the analytical approach for estimating the intergenerational association of socioeconomic status.

During the 19-20 academic year, my papers got accepted by various professional conferences in Europe and the United States, including the *European Population Conference* and the annual meetings of *European Consortium for Sociological Research*, *Population Association of America*, *American Sociological Association*, and *International Sociological Association Research Committee 28 (RC28)*. I was also scheduled to serve as a discussant or a presider in some of these meetings. Although the unforeseen COVID-19 pandemic had prevented in-person participation, I did manage to attend some virtual events arranged by conference organizers.

Besides conducting my own research, I also served as a reviewer for peer-reviewed journals, including *Demography*, *British Journal of Sociology*, *Research in Social Stratification and Mobility*, and *the China Quarterly*. In addition, together with my fellow PPRF colleagues, I organized the Nuffield Trinity Term Sociology Virtual Seminars during lockdown.

LAURENCE WHITEHEAD (SENIOR RESEARCH FELLOW)

As a Research Associate at the Transformation Research Unit of Stellenbosch University I was supposed to host their next book conference

in Nuffield in September 2020, but this has now been postponed a few months. The theme is the relative performance of the set of democratic regimes we have been tracking, distinguishing between those with stable or improving democratic quality and those regional partners displaying deterioration since the end of the Cold War. I have written the 'Southern Cone' chapter, contrasting Chile and Uruguay (with Argentina as the shadow case), and will also write the US/Canada comparison. The forthcoming US election makes this a pivotal contribution, but also means that the final text has to be completed at the last moment.

As Research Associate at GIGA-Hamburg I am continuing my longstanding interest in Cuba, and have written a Working Paper for them on the island's Social Policies and the UN's Sustainable Development Goals. This was to lead off another book conference to be held in Hamburg in the spring of 2020, but was also delayed by the pandemic, which has of course put healthcare under the spotlight. My paper surveys Cuba's exceptional social policy commitments, notably in healthcare, and discusses the political factors that will determine whether the current regime can stabilize these efforts and turn them to its advantage.

In general my rule has been not to write about British politics, but I have been much involved in comparative work on various forms of direct democracy, and their complex relations with representative electoral systems. So this year I broke my rule and wrote on 'The Harsh Lessons of Brexit' for the *Journal of Democracy*. More comparatively I also published an edited volume on 'The Politics of Recall Elections'. These are on the rise, and can in principle be beneficial, but they take a variety of forms, some of which can prove highly problematic. In my concluding chapter I highlight the new recall procedures about to be initiated in Mexico, and likely to prove particularly challenging. My current priority is to promote the study of comparative subnational variations in democratic performance, with the 2021 Mexican elections as the focus. This is a project conducted in partnership with the School of Government at the Universidad Tecnológico de Monterrey, together with two state level electoral management institutions. I am leading the project design, which was first discussed in Monterrey in November 2019, and is to be finalized in Mexico City at the end of September 2020 – an event that will go ahead in virtual form due to COVID-19 restrictions.

Publications

(with Y. Welp, eds), *The Politics of Recall Elections*, Palgrave-Macmillan 2020.

'The Harsh Lessons of Brexit', *Journal of Democracy*, 31(2), April 2020.

'Governance Challenges in Contemporary Cuba: Social Policies and the UN's Sustainable Development Goals', GIGA Working Paper for the 'FORO EUROPA CUBA', GIGA-Hamburg, June 2020.

'Games and Gaffe Avoidance, Risk and Uncertainty – Reflections in Honour of John Harsanyi', *Central European Political Science Review*, 21(79), Spring 2020.

Thinking Ahead: Russia Beyond 2024 (collaborative scenario project) Friedrich Ebert Stiftung/ZOIS (Vienna, 2020).

DIRK WITTEVEEN (POSTDOCTORAL PRIZE RESEARCH FELLOW)

In the second year of my postdoctoral fellowship, I published three papers related to higher education and the transition to the labor market.

In one forthcoming paper in *Sociology of Education*, I examine the extent to which higher education functions as a 'shelter' during economic downturns. Is it the case that enrolled students and recent school leavers prefer educational attainment – school persistence or reenrollment – in response to a recession? In panel data from the US, the UK, Germany, and Sweden, I found slightly different answers to this question. This so-called 'countercyclical college enrollment' pattern generally holds in the European countries. However, US lower-educated students are more likely to leave the educational system early and college non-completers are less likely to reenter higher education if they experienced poor macroeconomic conditions. These cross-national variations are best explained by the relatively high costs of US higher education.

I also published a paper in *RSSM* demonstrating the persistence of sizeable parental background gradients among college graduates. This contradicts earlier findings suggesting that family origin no longer matters for post-college outcomes. The study relies on data of US college graduates' earnings, born between 1930 and the 1980s. We believe that the null effects as found in earlier research may have been unique for the

1950s/60s birth cohorts and for the influence of origins on *occupational* destinations. Our study, however, shows that large parental background discrepancies in post-college *earnings* were always present, even for earlier cohorts. We therefore question the meritocratic power that is often assigned to the college degree. Our argument is similar to that of John Goldthorpe: higher education remains highly beneficial to students from the working- and lower-middle classes, but the idea of college education being the primary vehicle for equalization of destinations has serious limitations.

In *Science Education*, I published a paper about the relationship between grading patterns and attrition from STEM undergraduate programs in the US. We found that a substantial (within-person) gap appears between non-STEM grades and STEM grades during the first couple of semesters: the STEM grading penalty. This penalty is significantly associated with attrition, even among the highest performing students in college. Although STEM coursework is considered objectively 'harder,' it remains a fact that many high math achievers and well-prepared high school graduates fumble very early on in their college careers. So, if US policy makers fear for an insufficient number of STEM majors entering the labor market, a good start would be to address the issue of many talented STEM students receiving disproportional failure signals, which could lead to opting for a non-STEM major before the 2nd year of college.

In Trinity term, I studied the labor market inequalities resulting from the COVID-19 economic downturn. With UK data I found that women and racial-ethnic minorities were least exposed to workload decrease, income/job loss between March and May of 2020. This can be explained by their overrepresentation in (low-pay) essential occupations. With data from continental Europe, I found that experiencing instant income loss due to the lockdown is positively associated with newly emerging symptoms of depression and health anxiety. Importantly, these associations are substantially stronger among individuals in lower-ranked occupations.

I also had the pleasure of presenting the findings from these and other projects at the virtual ECSR conference, the virtual Nuffield Sociology Seminar, and the Sociology Post-Doc Writing Group at Nuffield College.

Publications

'Encouraged or Discouraged? The Effect of Adverse Macroeconomic Conditions on School Leaving and Reentry', *Sociology of Education*, forthcoming.

'Sociodemographic Inequality in Exposure to COVID-19-induced Economic Hardship in the United Kingdom', *Research in Social Stratification and Mobility*, forthcoming.

(with P. Attewell), 'Reconsidering the 'Meritocratic Power' of College Degree', *Research in Social Stratification and Mobility* 66(100479): 1-24.

(with P. Attewell), 'The STEM Grading Penalty: An Alternative to the 'Leaky Pipeline' Hypothesis', 104: 714-35.

PEYTON YOUNG (SENIOR RESEARCH FELLOW)

My research focuses on networks and how they structure social, economic, and financial interactions. In economic development, social networks are key to understanding how behaviours spread and what policies are most effective for inducing people to adopt new and better practices. Prior research on social networks has emphasized the role of centrally placed actors in promoting change. I argue that this view is oversimplified. Although centrally placed individuals have the potential to influence many others, they are also sensitive to influence by others and thus do not necessarily have the incentive to instigate change. In a recent paper (*Econometrica* 2020) I develop a general model of innovation diffusion that allows for asymmetric degrees of influence between different actors in the system. The analysis shows how the topology of the network, together with the potential welfare gains from adoption, affect the speed of innovation diffusion in networks of arbitrary size and complexity.

A second application of network theory is to the study of contagion in financial networks. Of particular interest is the potential for contagion in the credit default swaps market. A 'credit default swap' is a contract in which the Seller guarantees the value of corporate or sovereign debt in return for annual premium payments by the Buyer. These contracts are used extensively by banks, hedge funds, insurance companies and asset managers, and they constitute a sizable part of the balance sheet of many large firms. Since the 2008–09 financial crisis, firms have been incentivized to clear these and

other derivatives contracts through central clearing houses, which are known as 'central counterparties'. The aim of these reforms was to create greater transparency in derivatives markets, but they have also led to a much greater concentration of risk should one of these central counterparties fail. In a pair of recent papers (*Management Science* 2020, *Mathematical and Financial Economics* 2020) I analyze the extent to which financial network exposures in derivatives can lead to contagion, where losses at one firm spill over onto others, creating a cascade of losses. Central counterparties are a potential source of contagion, and they are also vulnerable to contagion from their counterparties, which increases their risk of default. Any such default could have serious consequences for the stability of the global financial system.

Publications

(with I. Arieli, Y. Babichenko & R. Peretz), 'The Speed of Innovation Diffusion in Social Networks,' *Econometrica*, 88(2): 569-94, 2020.

(with M. Paddrik & S. Rajan), 'Contagion in Derivatives Markets,' *Management Science* 66(8), 2020.

(with M. Paddrik), 'How Safe Are Central Counterparties in Credit Default Swap Markets?' *Mathematical and Financial Economics* 14(2): 1-17, 2020.

Student Research Activities and Publications

VIVIANA BARAYBAR HIDALGO

Publications:

(with E. Dargent), 'State Responses to the Gold Rush in the Andes (2004–2018): The Politics of State Action (and Inaction)', *Studies in Comparative International Development*, 2020. <https://doi.org/10.1007/s12116-020-09314-5>.

(with A. Vergara), 'Democracy in the Bullring: The Emergence and Representation of Postmaterial Conflicts in the Andes', *Latin American Perspectives*, 2020. <https://doi.org/10.1177/0094582X20933624>.

THOMAS FLEMING

Publications:

'Parliamentary Procedure under Theresa May: Nothing Has Changed?', *Parliamentary Affairs*, forthcoming.

(with P. Schleiter), 'Prorogation: Comparative Context and Scope for Reform', *Parliamentary Affairs*, forthcoming.

(with P. Schleiter), 'Parliamentary Prorogation in Comparative Context', *The Political Quarterly*, Early View.

VICTORIA GIEROK

In February 2020, the newly established Stone Center Working Paper Series published a paper titled 'Economic Inequality in Preindustrial Germany, ca. 1300-1800' (Stone Center Working Paper series no. 03 2020) that I co-authored together with Prof. Guido Alfani, Bocconi University and Felix Schaff, London School of Economic. Felix Schaff and I also presented the paper last August at the European Historical Economics Society (EHES) Congress in Paris.

I co-organized the second edition of the Oxford History & Social Science workshop that was supposed to take place in week 8 of Hilary, but that had to be postponed to the next academic year due to the COVID-19 pandemic.

MARTA GOLIN

In March 2020, Abi Adams-Prassl, Teodora Boneva, Christopher Rauh and I launched the COVID-19 Inequality Project to document the impact of the coronavirus pandemic on workers. We are particularly interested in understanding how the outbreak of COVID-19 and government policies are impacting inequality across many dimensions, such as age, gender, occupation, work arrangements and education. We have already launched three survey waves collecting responses from large geographically representative samples in the United States and the United Kingdom, and one survey wave in Germany. These data have been instrumental to provide real-time information on the labour market impacts of the pandemic and the effectiveness of policy responses. The evidence we provide has been drawn upon by multiple UK government departments and Select Committees, and featured in several news outlets around the world. We have so far produced four academic (working) papers, two of which are forthcoming at the *Journal of Public Economics* and *Fiscal Studies*. For more information, please visit the project webpage at: covidinequalityproject.com.

During the 2019–2020 academic year, I also had the opportunity to present two working papers at several international academic conferences. I presented the first working paper ‘Can perceived returns explain enrollment gaps in postgraduate education?’ (joint with Teodora Boneva and Christopher Rauh) at the ZEW Workshop on the Economics of Higher Education and the Econometric Society World Congress. I also presented my single-authored paper ‘The effect of broadband Internet on the gender gap in mental health: Evidence from Germany’ at the London School of Economics Wellbeing Seminar and the EALE/SOLE/AASLE World Conference. Finally, I presented results from the COVID-19 Inequality Project at an online event organised by the World Bank and at the Leeds University Business School Economics seminar series.

Publications:

(with A. Adams-Prassl, T. Boneva, & C. Rauh), ‘Inequality in the Impact of the Coronavirus Shock: Evidence from Real Time Surveys’, *Journal of Public Economics*, 2020, forthcoming.

(with A. Adams-Prassl, T. Boneva & C. Rauh), ‘Furloughing’, *Fiscal Studies*, 2020, forthcoming.

TANUSHREE GOYAL

In the 2019–2020 academic year, I undertook the Yale-Nuffield student exchange and spent 6 months at the Politics department at Yale. I presented my job-market paper at the Yale Comparative Politics seminar. I was shortlisted for interviews at Chicago Harris, MIT, and Princeton for an Assistant Professor position and for a post-doctoral position at the Harvard Academy (Weatherhead Center for International Affairs). I am pleased to say that I will be joining the Harvard Academy for the academic years 2020–2022 and move on to start with my tenure-track Assistant Professor position at Princeton from Fall 2022 onwards.

I was awarded the MIT governance lab grant (15k\$) for my experimental project titled 'Representation from below: How party workers shape descriptive and substantive representation in India'. My job-market paper received the Kauffman Foundation Award for Best Paper on Entrepreneurship and Inclusion presented at APSA 2019 from the Class and Inequality section.

ALISTAIR MACAULAY

Workshop:

Julian Ashwin (DPhil Economics) and I organised the 1st NuCamp Virtual PhD Workshop in April 2020, in response to the cancellation of many conferences, workshops and other presentation opportunities for graduate students in economics as a result of the COVID-19 pandemic. We had 12 presentations from PhD students at institutions across Europe and the US, discussions from other students and post-docs, responses from senior faculty, a panel on the academic job market, and a keynote speech from Prof. Stephanie Schmitt-Grohe (Columbia University).

Awards:

I received the European Economic Association Young Economist Award 2020, was 1st runner-up at the Society for Computational Economics 2020 Student Paper Prize, and was a finalist in the 2020 ECB Young Economists' Competition for my paper 'Cyclical Attention to Saving'.

JACOB NYRUP

Publications:

(with M. Larsen & M. B. Petersen), 'Do Survey Estimates of the Public's Compliance with COVID-19 Regulations Suffer from Social Desirability Bias?', *Journal of Behavioral Public Administration*, 3(2), 2020.

(with M. Dahl), 'Confident and cautious candidates: Explaining under-representation of women in Danish municipal politics', *European Journal of Political Research*, forthcoming.

(with S. Bramwell), 'Who governs? A new global dataset on members of cabinets', *the American Political Science Review*, forthcoming.

(with L Aaskoven), 'Performance and Promotions in an Autocracy: Evidence from Nazi Germany', *Comparative Politics*, forthcoming.

JEROME SIMONS

I presented work with Prof James Duffy at the 2020 World Congress of the Econometric Society. Our presentation featured material from our working paper 'Cointegration without Unit Roots,' which is now available as a pre-print at <https://arxiv.org/abs/2002.08092>. Empirical researchers in economics frequently encounter very persistent time series. Unfortunately, the only statistical methods available in such cases require unrealistic assumptions with no grounding in economic theory. We allow economic theory back in, or, if necessary, provide a way to quantify long memory in time series that is not sensitive to making overly restrictive assumptions. Applications include the expectations theory of the term spread, the impact of radiative forcing to global temperature variation, or any scenario where one is interested in the transmission of one time-dependent variable to another in the presence of significant persistent or apparent random wandering behaviour.

My grant application to the Keynes Fund at the University of Cambridge was successful. Together with Prof Andrew Harvey, I will develop methods to analyze and forecast environmental time series.

The goal of the project is to develop econometric techniques to study climate change and forecast its consequences. We interpret the subject of climate widely to include environmental issues in general and entitle our project Persistence and Forecasting in Climate and Environmental Econometrics.

Andrew and myself shall maintain a collaboration with researchers at Oxford who are also interested in this topic. The full announcement is here: <http://www.keynesfund.econ.cam.ac.uk/harvey-persistence-and-forecasting-in-climate-and-environmental-econometrics>.

Publications:

(with J. A. Duffy & J. R. Simons), 'The Cointegrated VAR without Unit Roots: Representation Theory and Asymptotics', 2020, arXiv preprint arXiv:2002.08092.

FIJNANDA VAN KLINGEREN

Publications:

'Playing nice in the sandbox: On the role of heterogeneity, trust and cooperation in common-pool resources', *PLoS ONE* 15(8): e0237870, 2020. <https://doi.org/10.1371/journal.pone.0237870>.

(with N. D. De Graaf), 'Heterogeneity, Trust and Common-Pool Resource Management', *Journal of Environmental Studies and Sciences*, forthcoming. doi: 10.1007/s13412-020-00640-7.

FLORIANNE VERKROOST

For the 2020 Digital Skills Insights publication of the International Telecommunication Union (ITU), I and co-authors Ridhi Kashyap, Kiran Garimella, Ingmar Weber and Emilio Zagheni have examined global variations in (explanations for) gender gaps in the information technology (IT) sector. We have leveraged novel, aggregate data on user counts from the online population on LinkedIn, the world's largest professional networking platform. We have found that the IT sector is skewed towards men across all geographic and income regions and IT subdomains considered, although particularly in low(er-middle) income countries, and IT subdomains focused towards computer programming rather than communications and services. Furthermore, gender gaps in IT generally tend to be larger than those across other industries on LinkedIn as well as other online populations like Facebook. Finally, gender-specific occupational and educational factors, and the former in particular, contribute more than economic development alone to explaining variation in IT gender gaps.

Publications:

(with R. Kashyap, K. Garimella, I. Weber & E. Zagheni), Tracking global gender gaps in information technology using online data, in M. McDonald, ed., *Digital Skills Insights 2020*, 81-93, Geneva, Switzerland: International Telecommunication Union. [https://academy.itu.int/sites/default/files/media2/file/Digital Skills Insights 2020.pdf](https://academy.itu.int/sites/default/files/media2/file/Digital%20Skills%20Insights%202020.pdf).

YUAN YI ZHU

I received the Barbara W. Tuchman Prize for Best Paper in Historical International Relations by a Graduate Student, which was awarded by the International Studies Association. The winning paper, 'Suzerainty, Semi-Sovereignty, and International Legal Hierarchies on China's Borderlands', was recently published in the *Asian Journal of International Law*.

I published a paper on the unforeseen constitutional consequences of the *Cherry/Miller II* decision for the Westminster think tank Policy Exchange. I have since joined Policy Exchange as a Senior Research Fellow with the Judicial Power Project, which examines the proper scope of the judicial power within the constitution.

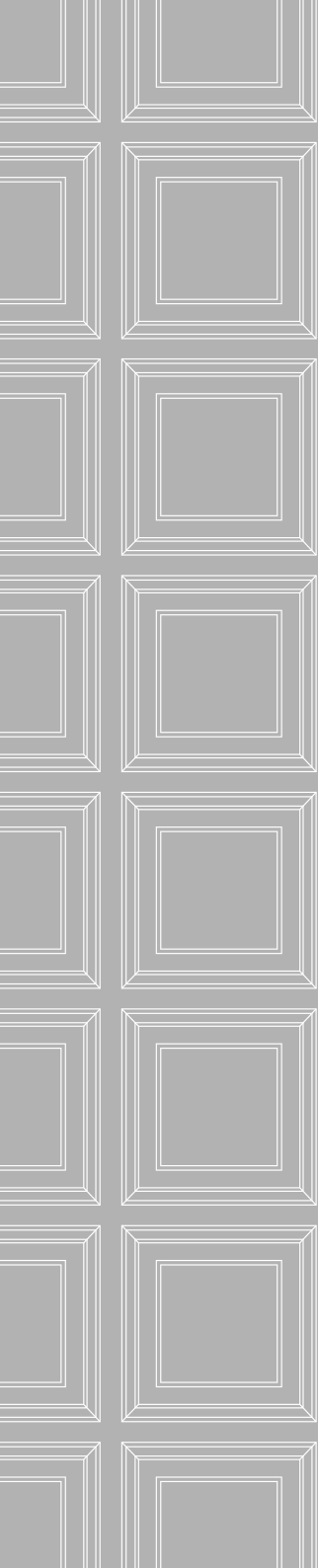
I advised the British government as well as British and Canadian parliamentarians on a number of issues. I attended the Keith Forum on Commonwealth Constitutionalism in December 2019, though my other conferences talks were cancelled or postponed due to the pandemic. I have also published articles in *Foreign Policy* and *The Critic*.

Publications

'Suzerainty, Semi-Sovereignty, and International Legal Hierarchies on China's Borderlands', *Asian Journal of International Law*, 10(2), 2020. <https://doi.org/10.1017/S204425132000020X>.

'Putting Royal Assent in Doubt? One Implication of the Supreme Court's Prorogation Judgment', London: Policy Exchange, 2019. <https://policyexchange.org.uk/publication/putting-royal-assent-in-doubt/>.





04

ACTIVITIES, EVENTS AND DONATIONS

- 168** Equality and Diversity in College
- 172** College Conferences and Seminars
- 176** Alumni Events List
- 177** Donors to Nuffield College

ACTIVITIES, EVENTS AND DONATIONS

Equality and Diversity in College

In this year like no other, the importance of Equality and Diversity has never been more apparent. From the stark disparities seen in the impact of COVID-19 (an area in which a number of Nuffield College members have conducted research this year) to Black Lives Matter protests all over the world including here in Oxford, matters of equality, diversity and inclusion have never been far from the headlines. We recognise that at Nuffield, as elsewhere, there is much to do, and we remain committed to doing what we can to foster an inclusive, friendly and diverse community for our students, employees and associates.

Back in February, when life at Nuffield was continuing much as usual, we marked LGBT History Month with a talk from Chris Smith, Baron Smith of Finsbury, former Secretary of State for Culture, Media and Sport and now Master of Pembroke College, Cambridge. Chris gave us a fascinating and thought-provoking talk about his political life and personal journey as the first openly gay MP in the UK, and discussions among students, Fellows and staff continued over dinner and drinks.

World events unfortunately prevented our holding our usual International Women's Day event, but now that we are all increasingly accustomed to a more virtual life we hope to commemorate the day in some form next year, as well as to build on last year's inaugural BME Lecture (given by Tom Ilube CBE) with more dedicated events.

Another unfortunate consequence of the pandemic was that we were unable to welcome a second in-person cohort of students to the Nuffield Undergraduate Scholars Institute (NUSI). NUSI is our pilot graduate access

scheme that aims to enhance diversity among the social sciences. The six-week summer programme is aimed at talented undergraduates from socioeconomically disadvantaged backgrounds, and offers intensive quantitative methods training followed by a research internship with a Nuffield Fellow. Following a successful first iteration in the summer of 2019, we advertised early in 2020 intending to run the programme again.

We received an incredible 200 applications, but just as our application window closed the UK entered lockdown in late March. After much discussion and waiting, it became clear that it was not going to be possible to host an in-person programme this year. Although our original plans were no longer feasible, we were able to direct these applicants to other resources. Our colleagues in the central University's UNIQ+ Graduate Access project, with whom we collaborate closely, worked intensely to put together a UNIQ+ Digital initiative after the in-person component was, like NUSI, cancelled for 2020. We promoted UNIQ+ Digital – which focused on information and support in applying to graduate study - to our NUSI applicants and the takeup rate was encouraging, with 54 students joining (a significant proportion of the total participants).

We hope that circumstances may allow NUSI to go forward in the summer of 2021, as feedback from our exceptional first participants was that the programme provides real value. We were also delighted that NUSI was recognised, along with UNIQ+, in the Vice-Chancellor's Diversity Awards, being shortlisted in the Diversifying Participation category. Several of the NUSI participants are now in graduate study and we look forward to seeing where their next steps take them.

Nuffield College has, alongside much of the world this year, followed the growing global Black Lives Matter Movement, and is in full support of its objectives. The College's statement on Black Lives Matter can be found on our website, along with additional thoughts from the JCR Equality Reps on behalf of the student body. Over the coming year, Equality Committee will continue to consider and implement action towards racial equality at Nuffield.

Looking forward, it is now time for the College to consider setting new objectives related to equality, equity, and inclusivity for the period 2021–2025, in accordance with the requirements of the Equality Act. This

is an opportunity for Equality Committee and the College more widely to consider where our efforts should be focused in order to make Nuffield a more diverse, equitable, and inclusive environment. We encourage all members of our College community to get in touch with the Academic Office and contribute recommendations and feedback on this important objective-setting process.

On behalf of the Equality Committee

College Conferences and Seminars

Academic events held at Nuffield

Michaelmas Term

Martin Ellison	NuCamp Annual Conference
Iain McLean	Conference: Control of Public Expenditure
Aluma Dembo & Abigail Adams	SARP Attack (2.1) Workshop
Ray Duch	oTree Workshop
Melinda Mills	Sociogenome Workshop
Brian Nolan	The Intergenerational Transmission of Wealth Workshop
Jakob Schneebacher	Economics for Economic Historians Course Seminar
Gwilym Hughes	OIG Seminar: The Events Leading to the Attack on Sergei Skrypal
Lucy Song	Oxford Women in Politics: Fireside Chat with Vice-Chancellor Louise Richardson Workshop
Zachary Van Winkle	Sociology Post-doc Writing Workshop
Laurence Whitehead	Conference: Winding down Mexico's War on Drugs
David Rueda	Political Economy of Inequality Seminar
Nicolò Cavalli	ESRC-funded Advanced Quantitative Methods Seminar
Tim Goedeme	Child Poverty in Oxford Workshop
Jan Boesten	Justice, Politics, and Violence: Judges and Courts in the Creation of a Lasting Peace in Colombia's Marginalised Regions Workshop
CESS	Innovation and Leadership Workshop
Cécile Laborde	Centre for the Study of Social Justice (CSSJ) Workshop
Elisabeth Garratt & Jan Flaherty	Conference: Homeless in Oxford: Assessing Homelessness Pathways, and the Role of Support Services in a Local Context

Hamish Low	Economics of Marriage and Divorce Workshop
Ann-Kathrin Reinl	PhD Workshop
Mona Morgan-Collins	Nuffield Gender and Politics Workshop
CESS	Social Media Workshop
Jane Gingrich	Education and Social Mobility Workshop
<i>Hilary Term</i>	
Man-Yee Kan	Multigenerational Households in East Asia Workshop
Man-Yee Kan	Japanese Time Use Data: Access and Current Research Symposium
Anette Stimmer	International Law and International Relations Course
David Miller	Contemporary Political Philosophy Seminar
Ben Ansell	Katerina Tertychnaya Book Workshop
David Rueda	Comparative Political Economy in Advanced Democracies Seminar
Richard Breen	Causality Course
Jane Green	Comparative Political Economy Seminar
Paul Ostwald	Alastair Buchan Club Lecture with Professor Robert Falkner
Gwilym Hughes	OIG Seminar: Countering Human Trafficking: Intelligence in a Humanitarian Context
David Rueda	Comparative Political Economy in Advanced Democracies Seminar
Nicolò Cavalli	Expertise and Politics: Lessons from Italy Seminar
CESS	Innovation and Leadership Workshop
Duncan Snidal	DPhil Research Workshop
Development Office	Sociology Reunion
Cécile Laborde	New Political Imaginaries and Models in the 21st Century: A Global and Transnational Analysis Workshop
Hamish Low	Department of Work and Pensions: Areas of Research Interest Workshop

Hamish Low	Alternative Work Arrangements Workshop
Mike Aaronson and Andrew Thompson	Workshop: International NGOs in the Long Humanitarian Century: Legacy, Legitimacy, and Leading into the Future
Federico Varese	Martina Baradal, An Ethnography of the Japanese Jakuza Seminar
Lucy Song	Gender, Forced Migration, and Social Entrepreneurship: Screening and Discussion of 'Soufra' Workshop
Laurence Whitehead	Book Presentation: 'The New Despotism' by John Keane

Trinity Term

Caspar Kaiser	Department of Social Policy & Intervention Graduate Research Student Conference
---------------	---

Summer 2020

CESS	Hybrid Interactive Training – Applied Research Methods
Development Office	Brave New World: A Glimpse into the Future from Nuffield Alumni in Asia and Australasia
Development Office	Aid Agencies: Past, Present and Future
Evgenija Kroeker	Early Career Researchers' Workshop on Conflict Dynamics
Laurence Whitehead	La variación democrática subnacional: Fortalezas y debilidades de la democracia en las entidades federativas, en perspectiva comparada (online seminar)

Stated Meeting Seminars

November: 'The Housing Crisis: Supply, Distribution or Subsidy?' Dame Kate Barker (NIC Commissioner and Visiting Fellow).

March: 'The NHS in the 2020s – A Post-Austerity Agenda for Britain's Most Popular National Institution?' Sir Simon Stevens (Chief Executive of the National Health Service).

June: Seminar cancelled.

Seminars held in College during Michaelmas, Hilary and Trinity

Centre for Experimental Social Sciences Colloquium: Michaelmas & Hilary terms (CESS)

Centre for Experimental Social Sciences Seminar: Michaelmas & Hilary terms (CESS)

Graduate Economic and Social History Seminar: Michaelmas, Hilary & Trinity terms (D.Phil students)

Nuffield Economic Theory Workshop: Michaelmas, Hilary & Trinity terms (Margaret Meyer)

Nuffield Political Science Seminars: Michaelmas, Hilary & Trinity terms (Andy Eggers, Ezequiel González Ocantos and David Rueda)

Nuffield Political Theory Workshop: Michaelmas & Hilary terms (Yunmeng (Clare) Cai, Cécile Laborde, Maxime Lepoutre)

Economic and Social History Seminar: Hilary term (Stephen Broadberry)

Sociology Seminar: Michaelmas, Hilary & Trinity terms (Christopher Barrie, Nan Dirk de Graaf, Ridhi Kashyap, Dave Kirk, Melinda Mills, Tobias Rüttenauer and Fangqi Wen)

Extra Legal Governance Seminar, Trinity term (Zora Hauser and Federico Varese)

Oxford Work in Progress in Political Theory Seminar, Trinity term (Elsa Kugelberg, Geertje Bol, Rufaida Al Hashmi and Shai Agmon)

Economics Postdoctoral Fellows Seminar, Michalemas and Hilary Terms (Mattia Bertazzini)

Learning, Games, and Networks Seminar, Michaelmas, Hilary and Trinity Terms (David Delacretaz and Stephen Nei)

Alumni Events List

Friday 20th–Sunday 22nd September 2019: Meeting Minds Alumni Weekend

Drop-in tea time for Nuffield alumni in the JCR following a John Piper Art Tour with Richard Mayou.

Thursday 9th January 2020: Annual New Year's Drinks at the Nuffield Foundation

Hosted by the Warden, Bedford Square, London.

Saturday 8th February: Sociology Reunion, College

A panel discussion *New Directions in Sociology* and a talk by John Goldthorpe, followed by dinner in Hall.

The following events were **CANCELLED** due to the COVID-19 pandemic:

- European Meeting Minds Weekend, Berlin
- North American Reunion, New York City
- Donors' Dinner & Spring Day

Donors to Nuffield College (1 August 2019 – 31 July 2020)

We are extremely grateful to everyone who has supported Nuffield College in the last financial year. Some of our donors have chosen to remain anonymous, but we would like to take this opportunity to thank all of you for your generosity. Please note that anyone who has made a donation to the College from 1 August 2020 onwards will have their name added to the next issue of the Annual Report.

Former Students and Fellows

Andrew Abbott
Rachel Aicher
Jennifer Bacon
Peter & Elise Barack
Nigel Bowles
Derek Chambers
Philip Chen
Guy Davis
Malcolm Dean
Bernard Donoughue
Mary Duffy
Bill Emmott
Amelia Fletcher
Roderick & Cynthia Floud
Geoff Gallop
Frank Gannon
Arshia Hashemi
John & Sue Hemingway
Miles Kahler & Steven Schwarz
Karl Kaiser
Robert & Venetia Kudrle
David & Christel Lane
Guy Lord

Graham Mather
Margaret McCown
Roxana Mihet
Barry Nalebuff & Helen Kauder
Mary Ann Otu
Bruno Paulson & Charlotte Warner
Gillian Peele
James Poterba & Nancy Rose
Kristen Pue
Alan Richeimer
Richard Rose
Kathryn Ross- Landazabal
David Shapiro
Hilary Silver
Alistair Simpson
Peter Sinclair (dec.)
Christopher & Ingeborg Smallwood
Stephen Stamas
Andrew Sweeting
Anthony Teasdale
Kok Peng & Geok Teh
Paul & Natasha Vronsky
Nancy Walker
Tim Willems
Katie Willis
Graham Wilson and Gina Sapiro
Roger Witcomb

Current Fellows and Staff

George & Gwynneth Bain
Andrew & Catherine Dilnot
Jerry & Margareta Hausman
Anthony Heath
Andrew & Yasmin Hurrell

Caroline Kukura

Gill Smit

Martin Wolf

College Friends, Associate Members and Visitors

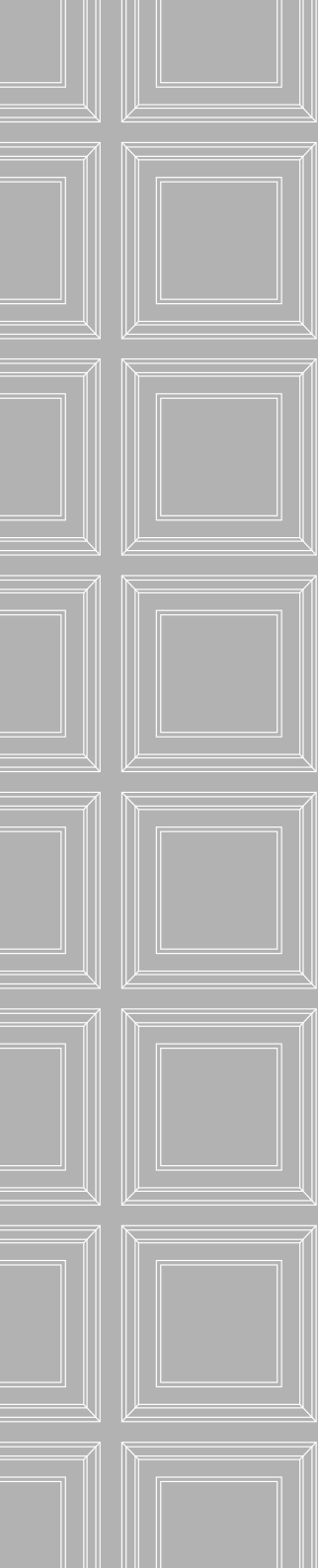
Joel Aberbach

Judith Atkinson

Dingeman Wiertz

We would like to give additional thanks to John Campbell, for gifting copies of *Haldane: The Forgotten Statesman Who Shaped Modern Britain*.





05

THE COLLEGE RECORD

- 182** Governing Body
- 183** Research Fellows and Research Officers
- 186** Emeritus, Honorary, Visiting Fellows
- 190** Visitors
- 192** College Committees
- 194** College Officers
- 195** College Staff
- 200** Balance Sheet

THE COLLEGE RECORD

College Fellowship as at 1 October 2019

Visitor

The Rt Hon. Sir Terence Etherton

Warden

Sir Andrew Dilnot, CBE

Governing Body Fellows

K. Adam	<i>Nuffield Professor of Economics</i>	PF
B. W. Ansell	<i>Professor of Comparative Democratic Institutions</i>	PF
S. R. Bond	<i>Senior Research Fellow in Economics</i>	SRF
R. Breen	<i>Professor of Sociology</i>	PF
S.N. Broadberry	<i>Professor of Economic History</i>	PF
E. Bukodi	<i>Associate Professor of Quantitative Social Policy</i>	PF
L. Cluver	<i>Professor of Child and Family Social Work</i>	PF
I. Crawford	<i>Professor of Economics</i>	PF
P. Culpepper	<i>Blavatnik Professor of Government and Public Policy</i>	PF
J. Dill	<i>John G. Winant Associate Professor in US Foreign Policy</i>	PF
R. Duch	<i>Official Fellow in Political Science</i>	OF
A. Eggers	<i>Associate Professor in Quantitative Methods in Comparative Government</i>	PF
M. Ellison	<i>Professor of Economics</i>	PF
G. Evans	<i>Professor of the Sociology of Politics</i>	OF
R.M. Fitzpatrick	<i>Professor of Public Health and Primary Care</i>	PF
E. Gonzalez Ocantos	<i>Associate Professor in the Qualitative Study of Comparative Political Institutions</i>	PF
N.D. de Graaf	<i>Professor of Sociology</i>	OF
J. Green	<i>Professor of Political Science and British Politics</i>	PF
I. Jewitt	<i>Sir Roy Harrod Fellow in Economics</i>	OF
J.O. Jonsson	<i>Official Fellow in Sociology</i>	OF
R. Kashyap	<i>Associate Professor in Social Demography</i>	PF

E. Kechagia-Ovseiko	<i>Senior Tutor</i>	SF
D.S. King	<i>Andrew W. Mellon Professor of American Government</i>	PF
D.S. Kirk	<i>Professor of Sociology</i>	PF
P. Klemperer	<i>Edgeworth Professor of Economics</i>	PF
C. Laborde	<i>Professor of Political Theory</i>	PF
H. Low	<i>James Meade Professor of Economics</i>	PF
M.A. Meyer	<i>Official Fellow in Economics</i>	OF
C. Mills	<i>Associate Professor of Sociology</i>	PF
M. Mills	<i>Nuffield Professor of Sociology</i>	PF
C.W.S. Monden	<i>Professor of Sociology and Demography</i>	PF
T. Moore	<i>Bursar</i>	SF
B. Nielsen	<i>Professor of Econometrics</i>	PF
K.W.S. Roberts	<i>Sir John Hicks Professor of Economics</i>	PF
D. Rueda	<i>Professor of Comparative Politics</i>	PF
G. Sasse	<i>Professor of Comparative Politics</i>	PF
D.J. Snidal	<i>Professor of International Relations</i>	PF
A. Thompson	<i>Professor in Global Imperial History</i>	PF

OF: Official Fellow; PF: Professorial Fellow; SF: Supernumerary Fellow;
 SRF: Senior Research Fellow

Research Fellows and Research Officers

R.C. Allen	<i>Economic History, Senior Research Fellow</i>	SRF
L. Anderson	<i>Sociology, Research Fellow</i>	NSRF
N. Bacine	<i>Research Officer, Centre for Experimental Social Sciences</i>	RO
S. Bagg	<i>Politics, Postdoctoral Prize Research Fellow</i>	PPRF
S. Barendse	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
C. Barrie	<i>Sociology, Postdoctoral Prize Research Fellow</i>	PPRF
N. Bermeo	<i>Politics, Senior Research Fellow</i>	SRF
M. Bertazzini	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
B. Bethhäuser	<i>Sociology, Postdoctoral Prize Research Fellow</i>	PPRF
F. Billari	<i>Sociology, Senior Research Fellow</i>	SRF
M. Borges Martins da Silva	<i>Politics, Postdoctoral Prize Research Fellow</i>	PPRF

M. Browning	<i>Economics, Senior Research Fellow</i>	SRF
L. Byrne	<i>Gwilym Gibbon Research Fellow</i>	
A. Cansunar	<i>Politics, Research Fellow</i>	NSRF
S. Clifford	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
J. Darwin	<i>Politics, Senior Research Fellow</i>	SRF
D. Delacretaz	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
A. Dembo	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
X. Ding	<i>Sociology, Research Fellow</i>	NSRF
J. Doornik	<i>Climate Econometrics, Research Fellow</i>	RF
P. Engzell	<i>Sociology, Postdoctoral Prize Research Fellow</i>	PPRF
J. Ermisch	<i>Sociology, Senior Research Fellow</i>	SRF
J. Flaherty	<i>Research Officer, Centre for Social Investigation</i>	RO
R. de Geus	<i>Research Officer, Nuffield Politics Research Centre</i>	RO
P. Hedström	<i>Sociology, Senior Research Fellow</i>	SRF
Sir David Hendry	<i>Economics, Senior Research Fellow</i>	SRF
S. Hubner	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
L. Jackson	<i>Climate Econometrics, Research Fellow</i>	RF
X. Jiao	<i>Research Officer, Climate Econometrics</i>	RO
J.-H. Jung	<i>Politics, Research Fellow</i>	NSRF
G. King	<i>Gwilym Gibbon Research Fellow</i>	
L. Langner	<i>Sociology, Research Fellow</i>	NSRF
X. Lei	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
M. Lepoutre	<i>Politics, Postdoctoral Prize Research Fellow</i>	PPRF
J. Lusthaus	<i>Sociology, Research Fellow</i>	NSRF
I. McLean	<i>Politics, Senior Research Fellow</i>	SRF
S. C. Martins	<i>Research Officer, Climate Econometrics</i>	RO
C. Meyer	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
D.L. Miller	<i>Politics, Senior Research Fellow</i>	SRF
J. Muellbauer	<i>Economics, Senior Research Fellow</i>	SRF
S. Nei	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
B. Nolan	<i>Sociology, Senior Research Fellow</i>	SRF
R. O'Keefe- O'Donovan	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
M. Paskov	<i>Sociology, Research Fellow</i>	NSRF
P. Präg	<i>Sociology, Research Fellow</i>	NSRF
R. Rafaty	<i>Climate Econometrics, Research Fellow</i>	RF
C. Rahal	<i>Sociology, Research Fellow</i>	NSRF

D. Ronayne	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
M. Rovira	<i>Sociology, Research Fellow</i>	NSRF
S. Rowan	<i>Climate Econometrics, Research Fellow</i>	RF
T. Rüttenauer	<i>Sociology, Postdoctoral Prize Research Fellow</i>	PPRF
J. Schneebacher	<i>Economics, Postdoctoral Prize Research Fellow</i>	PPRF
C. Simpson	<i>Sociology, Research Fellow</i>	NSRF
R. Spady	<i>Economics, Senior Research Fellow</i>	SRF
A. Stimmer	<i>Politics, Postdoctoral Prize Research Fellow</i>	PPRF
A. Taylor	<i>Politics, Postdoctoral Prize Research Fellow</i>	PPRF
Z. Van Winkle	<i>Sociology, Research Fellow</i>	NSRF
F. Varese	<i>Sociology, Senior Research Fellow</i>	SRF
F. Wen	<i>Sociology, Postdoctoral Prize Research Fellow</i>	PPRF
L. Whitehead	<i>Politics, Senior Research Fellow</i>	SRF
D. Witteveen	<i>Sociology, Postdoctoral Prize Research Fellow</i>	PPRF
H. P. Young	<i>Economics, Senior Research Fellow</i>	SRF
Y. Zhao	<i>Centre for Social Investigation, Research Fellow</i>	RF

NSRF: Non-Stipendiary Research Fellow; PPRF: Postdoctoral Prize Research Fellow;
RF: Research Fellow; RO: Research Officer; SRF: Senior Research Fellow

Emeritus, Honorary, and Visiting Fellows

Emeritus Fellows

- C. J. E. Bliss *Professorial Fellow and Nuffield Professor of International Economics, 1976–2007*
- Sir David Butler *Student 1949–51; Research Fellow 1951–3; Official Fellow 1954–92*
- L. Carpenter *Reader in Statistical Epidemiology; Faculty Fellow, 1992–2010*
- D. I. D. Gallie *Research Fellow, 1971–3; Professor of Sociology and Official Fellow, 1985–2014*
- D. Gambetta *Professor of Sociology; Official Fellow, 2003–17*
- J. H. Goldthorpe *Official Fellow in Sociology, 1969–2002*
- A. Heath *Professor of Sociology; Professorial Fellow, 1987–2010*
- G. F. Hughes *Former Bursar and Head of the Endowment Office, 1996–2019*
- A. Hurrell *Montague Burton Professor of International Relations, Balliol College*
- Y. F. Khong *Li Ka Shing Professor, Lee Kuan Yew School of Public Policy, National University of Singapore*
- U. W. Kitzinger *Former President, Templeton College, University of Oxford; Research Fellow, 1956–62; Official Fellow, 1962–76*
- K. I. Macdonald *Student, 1966–8; Faculty Fellow, 1976–2011*
- R. Mayou *Supernumerary Fellow, 1976–1987; Professorial Fellow and Professor of Psychiatry, 1987–2005*
- C. Payne *Faculty Fellow, 1987–2002, and Former Director, Computing and Research Support Unit, Social Studies Faculty Centre*
- J. J. Richardson *Professorial Fellow, Professor of Comparative European Politics, 1998–2001; Supernumerary Fellow and Senior Tutor, 2001–3*
- B. E. Shafer *Professor of Political Science, Wisconsin; Professorial Fellow, 1985–2001; Acting Warden, 2000–1*
- N. Shephard *Professor of Economics and of Statistics, Harvard University*

- T. Snijders *Professor of Statistics in the Social Sciences and
 Professorial Fellow, 2006–14*
- M. A. Vaughan *Faculty Fellow and Professor of Commonwealth Studies,
 1986–2003*

Honorary Fellows

- Sir Michael Aaronson *Director, Centre for International Intervention,
 University of Surrey; Visiting Fellow, 2003–12*
- Sir George Bain *Former Vice-Chancellor, Queen's University, Belfast;
 Student, 1964–6; Research Fellow, 1966–9*
- Sir Samuel Brittan *Columnist, Financial Times; Research Fellow, 1973–4;
 Visiting Fellow, 1974–82*
- M. Carney *Governor of the Bank of England; Student, 1993–5*
- G. Clark *Secretary of State for Business, Energy and Industrial
 Strategy and Conservative MP for Tunbridge Wells;
 Visiting Fellow 2007–2015*
- Sir David Cox *Warden, 1988–94*
- Sir Ivor Crewe *Master, University College, University of Oxford;
 Research Fellow, 1969–71*
- R. Erikson *Professor of Sociology, University of Stockholm*
- J. Hausman *Professor of Economics, MIT; Student, 1970–4*
- Lord Hurd *Former Home Secretary and Foreign Secretary;
 Visiting Fellow, 1978–86*
- Sir Stephen Nickell *Professorial Fellow, 1984–98; Warden, 2006–12*
- Lord O'Donnell *Former Secretary of the Cabinet and Head, Home Civil
 Service; Student, 1973–5; Visiting Fellow, 2001–9*
- Baroness O'Neill *Professor of Philosophy, University of Cambridge*
- A. Rubinstein *Professor of Economics, Tel Aviv University;
 Research Fellow, 1979–80*
- Lord Runciman *Chairman, Andrew Weir and Co. Ltd; Fellow, Trinity College,
 University of Cambridge; Visiting Fellow, 1979–87*
- Lord Sainsbury *Former Parliamentary Undersecretary of State for Science
 and Innovation; Visiting Fellow, 1987–95*
- A. Sen *Lamont University Professor of Economics,
 Harvard University; Former Master, Trinity College,
 University of Cambridge; Professorial Fellow, 1977–80*

M. Singh	<i>Former Prime Minister of India; Student, 1960–2</i>
H. Varian	<i>Chief Economist at Google; Emeritus Professor in the School of Information, Haas School of Business and the Department of Economics at UC Berkeley</i>
Lord Willetts	<i>Visiting Professor, Policy Institute, King’s College London; Visiting Fellow 1998–2006</i>
M. Wolf	<i>Associate Editor, Financial Times; Student, 1969–71; Visiting Fellow, 1999–2007</i>

Visiting Fellows

Sir Brendan Barber	<i>Chair of the Advisory, Conciliation and Arbitration Service Council</i>
Dame Kate Barker	<i>External member of the University Council</i>
Dame Colette Bowe	<i>Chair, Banking Standards Board</i>
T. Clark	<i>Editor, Prospect Magazine</i>
J. Cruddas	<i>Labour MP for Dagenham and Rainham</i>
Dame Cressida Dick	<i>Metropolitan Police Commissioner</i>
E. Duncan	<i>Social Policy Editor, The Economist</i>
Dame Carolyn Fairbairn	<i>CBI Director General</i>
T. Gardam	<i>Chief Executive, Nuffield Foundation</i>
M. Gove	<i>Chancellor of the Duchy of Lancaster and Conservative MP for Surrey Heath</i>
A. Haldane	<i>Chief Economist and Executive Director, Monetary Analysis and Statistics, Bank of England</i>
L. Harker	<i>CEO, The Art Room</i>
P. Hobson	<i>Director, Modern Art Oxford</i>
J. Kay	<i>Visiting Professor of Economics, LSE</i>
Sir Norman Lamb	<i>Liberal Democrat MP for North Norfolk</i>
G. McClymont	<i>Executive Director – Public Affairs, IFM Investors</i>
T. Montgomerie	<i>Conservative Party activist and Columnist for The Times</i>
F. O’Grady	<i>General Secretary of the Trades Union Congress</i>

J. Rubin	<i>Executive Chair of the ESRC and Champion for Equality, Diversity and Inclusion at UK Research and Innovation (UKRI)</i>
Sir Ernest Ryder	<i>Lord Justice of Appeal and Senior President of Tribunals</i>
Sir Tom Scholar	<i>Permanent Secretary to HM Treasury</i>
A. Street	<i>Mayor of the West Midlands</i>
S. White	<i>Chair of the John Lewis Partnership</i>
S. Witherspoon	<i>Head of Policy, Academy of Social Sciences</i>
Sir Christopher Wormald	<i>Permanent Secretary, Department of Health and Social Care</i>

Visitors

G. Bårdsen	<i>Norwegian University of Science and Technology</i>	Economics
C. Benoît	<i>Sciences Po Paris</i>	Politics
T. Brown	<i>Duke University</i>	Sociology
T. Crossley	<i>University of Essex</i>	Economics
R. David	<i>Lingnan University Hong Kong</i>	Politics
E. Dekeyser	<i>Institute for Advanced Study, Toulouse</i>	CESS
N. Ericsson	<i>Federal Reserve Board</i>	Economics
L. Ezrow	<i>University of Essex</i>	Politics
A. Falk	<i>University of Bonn</i>	Economics
E. Fabri	<i>Universite Libre de Bruxelles</i>	Politics
M. Ghatak	<i>London School of Economics</i>	Economics
B. Grofman	<i>University of California, Irvine</i>	Politics
B. Gupta	<i>University of Warwick</i>	Economics
B. Hagtvet	<i>University of Oslo</i>	Politics
R. Herr	<i>Bentley University</i>	Politics
H. Herrera	<i>University of Warwick</i>	Economics
R. Jagadeesan	<i>Harvard Business School</i>	Economics
F. Kalter	<i>University of Mannheim</i>	Sociology
J. Keane	<i>University of Sydney</i>	Politics
M. Lopez Tapia	<i>CESS Santiago, Chile</i>	CESS
C. J. Martin	<i>Boston University</i>	Politics
P. Marx	<i>University of Duisburg-Essen</i>	Politics
M. Morgan-Collins	<i>Durham University</i>	Politics
M. Nishitani	<i>Kobe University</i>	Politics
M. Redoano	<i>University of Warwick</i>	CESS
J. Stolz	<i>University of Lausanne</i>	Sociology
K. Van der Straeten	<i>Toulouse School of Economics</i>	CESS
S. Vogt	<i>University of Bern</i>	Sociology
N. Wunsch	<i>Sciences Po Paris</i>	Politics

These visits were cancelled due to COVID-19 pandemic

D. Austen-Smith	<i>Kellogg School of Management</i>	Economics
T. Berger	<i>Lund University</i>	Sociology
V. Bhaskar	<i>University of Texas at Austin</i>	Economics
E. Dimant	<i>University of Pennsylvania</i>	CESS
K. Dowding	<i>Australian National University</i>	Politics
M. Durand	<i>Sciences Po Paris</i>	Politics
D. Lee Lauen	<i>University of North Carolina at Chapel Hill</i>	Sociology
J. Marcondes	<i>Ministry of Labor</i>	Economics
J. Møller	<i>Aarhus University</i>	Politics
A. Nichifor	<i>University of Melbourne</i>	Economics
I. Nurutdinov	<i>Toulouse School of Economics</i>	CESS
A. Spanos	<i>Virginia Tech</i>	Economics
C. Thomas	<i>University of Texas at Austin</i>	Economics
G. Toka	<i>Central European University</i>	Politics
J. Wright	<i>National Unviersity of Singapore</i>	Economics

College Committees with External Representation

Audit Committee

P. Anderson	<i>Chair</i>
I. Crawford	
E. Gonzalez Ocantos	
N. D. de Graaf	
A. Lawton	

In attendance

T. Moore	<i>Bursar</i>
Y. Moysé	<i>College Accountant & Finance Officer</i>
J. Crump	<i>College Registrar – Minutes</i>

Fellows' Remuneration Review Committee

N. Record	<i>Chair</i>
E. Duncan	
T. Harford	
S. Witherspoon	

In attendance

T. Moore	<i>Bursar (non-voting member)</i>
A. Dilnot	<i>Warden (non-voting member)</i>

Investment Committee

Warden	<i>Chair</i>
T. Moore	<i>Bursar</i>
J. Dill	
A. Eggers	
M. Ellison	
R. Fitzpatrick	
N. Woodford	<i>Woodford Investment Management LLP</i>
H. Laing	<i>Wardsend Ltd (Family Office)</i>
A. Sykes	<i>Non-Executive Director, Smith & Williamson Holdings Ltd</i>

S. Fuge

*Development Manager, Land Securities
Group*

In attendance

D.J. Walker

Head of Endowment Office – Minutes

College Officers

Senior Tutor

Chair of Economics Group

Chair of Politics Group

Chair of Sociology Group

Dean

Junior Dean

Dean of Degrees

Deputy Dean of Degrees

Director of Development and Alumni Relations

Equality and Diversity Fellow

College Counsellor

Bursar

Head of Endowment Office

College Accountant

Information Systems Fellow

IT Director

Chair, Senior Common Room

Keeper of the Gardens

E. Kechagia-Ovseiko

I. Jewitt

D. Rueda

J. Jonsson

R. Fitzpatrick

S. Clifford

R. Kashyap

A. Taylor

C. Kukura

D. Kirk

T. Oliver

T. Moore

D. J. Walker

Y. Moyse

B. Ansell

M. Norman

R. Duch

G. Evans

Staff

Name	Department	Post Title
Maxine Collett	Academic Administration	<i>Administrative Officer (Fellows)</i>
Justine Crump	Academic Administration	<i>College Registrar</i>
Eleni Kechagia-Ovseiko	Academic Administration	<i>Senior Tutor</i>
Sarah Milne Das	Academic Administration	<i>Academic Officer</i>
Sara Rebecchi	Academic Administration	<i>Administrative and Research Support Officer</i>
Claire Bunce	Bursary	<i>PA to the Warden and Bursar</i>
Thomas Moore	Bursary	<i>Bursar</i>
Olivier Goddet	Catering	<i>Catering and Conference Manager</i>
Giuliana Forestieri	Catering	<i>Events Coordinator</i>
Melanie Sawers	CESS	<i>Administrative Manager</i>
Angela Wenham	Climate Econometrics	<i>Communications and Office Manager</i>
Tamina Oliver	College Counsellor	<i>College Counsellor</i>
Caroline Kukura	Development	<i>Director of Development & Alumni</i>
Monica Esposito-West	Development	<i>Senior Development Executive</i>
Catherine Farfan De Los Godos	Development	<i>Alumni Relations and Communications Manager</i>
Charlotte Madden	Development	<i>Development and Alumni Relations Assistant</i>
David Walker	Endowment Office	<i>Head of the Endowment Office</i>
Rachel Shama	Finance	<i>Finance Assistant</i>
Caroline Leach	Finance	<i>Deputy Finance Officer</i>
Marina Makarova	Finance	<i>Finance Assistant</i>

Yanislava Moyshe	Finance	<i>College Accountant and Finance Officer</i>
Peter Marshall	Finance	<i>Finance Assistant</i>
Susan Gardiner	Finance	<i>Finance Assistant (Payroll)</i>
Simon Baker	Finance	<i>Assistant Accountant</i>
Aneta Swiderska	Front of House	<i>Senior Front of House Assistant</i>
Lynne Portsmouth	Front of House	<i>Front of House Assistant</i>
Amie Phillips	Front of House	<i>Front of House Supervisor</i>
Natalia Madzio	Front of House	<i>Front of House Supervisor</i>
Ryan James	Front of House	<i>Senior Front of House Assistant</i>
Zsofia Arato	Front of House	<i>Front of House Supervisor</i>
Caleb Harris-Reeve	Front of House	<i>Front of House Apprentice</i>
Marta Kwiatkowska	Front of House	<i>Front of House Assistant</i>
Sarah Brough	Housekeeping	<i>Domestic Supervisor</i>
Gillian Gardener	Housekeeping	<i>Housekeeper</i>
Julie Hayden	Housekeeping	<i>Domestic Assistant</i>
Bimala Paudel	Housekeeping	<i>Domestic Assistant</i>
Susan Pinyoloya	Housekeeping	<i>Domestic Assistant</i>
Marcia Greening	Housekeeping	<i>Domestic Assistant</i>
Tredon Thomas	Housekeeping	<i>Domestic Assistant</i>
David Whinham	Housekeeping	<i>Domestic Assistant</i>
Beata Dubis	Housekeeping	<i>Domestic Assistant</i>
Iwona Pietruszewska	Housekeeping	<i>Domestic Assistant</i>
Orlando Verdial	Housekeeping	<i>Domestic Assistant</i>
Anna Hunt	Housekeeping	<i>Domestic Assistant</i>
Gillian Smit	Human Resources	<i>HR Officer</i>
Sandra Lopez Ortega	Human Resources	<i>HR & Recruitment Administrator</i>
Karen Richardson	Information Technology	<i>IT Officer</i>
Matthew Lake	Information Technology	<i>IT Infrastructure Analyst</i>
Mark Norman	Information Technology	<i>Director of Information Technology</i>
Salman Pasha	Information Technology	<i>IT Support Officer</i>

Brian Clare	Kitchen	<i>Chef de Partie</i>
Richard Ferguson	Kitchen	<i>Kitchen Assistant</i>
Christopher Green	Kitchen	<i>Chef de Partie</i>
Robert Murden	Kitchen	<i>Head Chef</i>
Robert Madzio	Kitchen	<i>Sous Chef</i>
Stefan Blaszczyk	Kitchen	<i>Junior Sous Chef</i>
Joshua Armstrong	Kitchen	<i>Apprentice Commis Chef</i>
Anita Zarnowska	Kitchen	<i>Chef de Partie</i>
Joao Da Graca Soares	Kitchen	<i>Kitchen Porter</i>
Raimundo Guterres	Kitchen	<i>Kitchen Porter</i>
Stuart Keywood	Kitchen	<i>Apprentice Commis Chef</i>
Karol Kwiatkowski	Kitchen	<i>Chef de Partie</i>
Tessa Tubb	Library	<i>Deputy Librarian</i>
Edward Smithson	Library	<i>Assistant Librarian (Circulations)</i>
Emma Quinlan	Library	<i>Assistant Librarian</i>
Jane Rawson-Jones	Library	<i>Director of Library Services</i>
Elsbeth Brodie-Browne	Library	<i>Senior Library Assistant</i>
Anthony Harling	Lodge	<i>Evening and Weekend Receptionist</i>
David Rhodes	Lodge	<i>Lodge Porter/Receptionist</i>
Sydney Richardson	Lodge	<i>Evening and Relief Porter</i>
Samantha Jones	Lodge	<i>Lodge Manager</i>
Robert Ellis	Maintenance	<i>Maintenance Assistant</i>
Gary Hamblin	Maintenance	<i>Site Manager</i>
Julian Jeffs	Maintenance	<i>Senior Maintenance Operative</i>
Philippe Rodrigues Cabral Campos	Maintenance	<i>Maintenance Assistant</i>
Andrew Dilnot	Warden	<i>Warden</i>

Retirees, Leavers, Starters 1 October 2019 to 30 September 2020

The following members of staff left the College:

Siyu Yin	<i>Experimental Lab Scientist</i>	31/10/2019
Edmundo Da Conceicao	<i>Kitchen Porter</i>	04/11/2019
Jean-Christophe Letchford	<i>Front of House Assistant</i>	11/11/2019
Janet Flaherty	<i>Postdoctoral Research Officer (Homelessness)</i>	20/11/2019
Yizhang Zhao	<i>Postdoctoral Research Officer (CSI)</i>	12/01/2020
Matthew Smith	<i>Maintenance Operative</i>	27/03/2020
Sam Rowan	<i>Postdoctoral Researcher (Climate Policy)</i>	30/06/2020
Gerda Hooijer	<i>Research Officer</i>	30/06/2020
Martiniano Dos Santos	<i>Kitchen Porter</i>	31/07/2020
Gwendolyn Sasse	<i>Professorial Fellow</i>	31/07/2020
Clive Gable	<i>Evening and Weekend Receptionist</i>	21/08/2020
Per Engzell	<i>Postdoctoral Prize Research Fellow, Sociology</i>	31/08/2020
Luke Jackson	<i>Research Fellow</i>	31/08/2020

The following joined the College:

Sandra Lopez	<i>HR and Recruitment Administrator</i>	28/10/2019
Xiyu Jiao	<i>Postdoctoral Researcher (Climate Econometrics)</i>	04/11/2019
Philippe Rodrigues Cabral Campos	<i>Maintenance Assistant</i>	18/11/2019
Franciscus Windmeijer	<i>Professorial Fellow</i>	01/01/2020
Karol Kwiatkowski	<i>Chef de Partie</i>	07/01/2020
Raimundo Guterres	<i>Kitchen Porter</i>	03/02/2020
Stuart Keywood	<i>Apprentice Commis Chef</i>	03/02/2020
Tommaso Batistoni	<i>Postdoctoral Researcher and Lead Programmer</i>	16/03/2020
Caleb Harris-Reeve	<i>Front of House Apprentice</i>	16/03/2020

Marta Kwiatkowska	<i>Front of House Assistant</i>	01/04/2020
Daniel Snow	<i>Research Officer on British Voting Behaviour</i>	24/08/2020
Chloe Bracegirdle	<i>Postdoctoral Researcher, IntegrateYouth Project</i>	01/09/2020
Barbara Petrongolo	<i>Professorial Fellow, Economics</i>	01/09/2020
Nicholas Martindale	<i>Postdoctoral Prize Research Fellow, Sociology</i>	01/09/2020
Jamie Draper	<i>Postdoctoral Prize Research Fellow, Politics</i>	01/10/2020
Melis Laebens	<i>Postdoctoral Prize Research Fellow, Politics</i>	01/10/2020
Jorge Mangonnet	<i>Postdoctoral Prize Research Fellow, Politics</i>	01/10/2020
Olivia Spiegler	<i>Postdoctoral Researcher, IntegrateYouth Project</i>	01/10/2020

The following member of staff retired during the year:

Kevin Roberts	<i>Professorial Fellow, Economics</i>	30/09/2020
---------------	---------------------------------------	------------

Consolidated Balance Sheets at 31 July 2019

	2019	2018
	£'000	£'000
FIXED ASSETS		
Tangible assets	10,436	10,175
Property investments	107,485	110,205
Securities and other investments	166,157	150,728
Investment in joint venture	9,092	5,528
	293,170	276,636
CURRENT ASSETS		
Stocks	74	70
Debtors	3,349	8,160
Cash at bank and in hand	7,522	6,465
	10,945	14,695
CREDITORS: falling due within one year	2,234	2,376
NET CURRENT ASSETS/(LIABILITIES)	8,711	12,319
TOTAL ASSETS LESS CURRENT LIABILITIES	301,881	288,955
CREDITORS: falling due after more than one year	31,881	31,862
Defined benefit pension scheme liability	1,922	1,039
NET ASSETS	268,078	256,054
FUNDS OF THE COLLEGE		
Endowment funds	245,865	233,586
Restricted funds	7,910	7,661
Unrestricted funds		
• Designated funds	12,994	12,196
• General funds	3,231	3,650
• Pension Reserve	(1,922)	(1,039)
	268,078	256,054

The information above is an extract from the College's Financial Statements, a full copy of which is available at www.nuffield.ox.ac.uk/the-college/college-publications/financial-statements/

GENERAL ENQUIRIES:

Porters' Lodge
+44 (0)1865 278500
info@nuffield.ox.ac.uk

ACADEMIC/STUDENT ENQUIRIES:

Academic Administration
+44 (0)1865 278516
academic.admin@nuffield.ox.ac.uk

ALUMNI ENQUIRIES:

Development Office
+44 (0)1865 288691
development@nuffield.ox.ac.uk

CONFERENCE ENQUIRIES:

Catering and Conferences
+44 (0)1865 278527
conference@nuffield.ox.ac.uk

FINANCE ENQUIRIES:

Accounts
+44 (0)1865 278696
finance.department@nuffield.ox.ac.uk

LIBRARY ENQUIRIES:

Nuffield Library
+44 (0)1865 278550
library@nuffield.ox.ac.uk

College website: www.nuffield.ox.ac.uk

 /OxfordNuffieldCollege

 @NuffieldCollege

 Nuffield College Society

Nuffield College
New Road, Oxford OX11NF
www.nuffield.ox.ac.uk

You can follow us on:



[/OxfordNuffieldCollege](https://www.facebook.com/OxfordNuffieldCollege)



[@NuffieldCollege](https://twitter.com/NuffieldCollege)



[Nuffield College Society](https://www.linkedin.com/company/nuffield-college-society)