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Annual Report 2018-19



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2018 Uehiro-Carnegie-Oxford Conference

Introduction

Amidst increasing ideological conflict, I believe philosophical bioethics has the potential to lead to real positive change and deeper understanding.

The news this year of the birth of the first gene-edited babies has shown that we can't shy away from issues like gene editing by consigning them to the distant future. Addressing ethical issues head on, and finding pathways to achieve the benefits of scientific advances, whilst minimising the potential harms is essential. The need to do so in collaboration as a global endeavour, and through embedding ethical training across all sectors, was also highlighted by the actions of He Jiankui, the rogue Chinese scientist who carried out the experiments. This year, Peter Singer and I made a first proposal for an ethical pathway to gene editing, and we are currently gathering feedback and responses on it.

Many of the issues we face today are global in nature. Two recent UK cases of conflict between parents and treating doctors, over babies Charlie Gard and Alfie Evans, arose in part because treatments were available elsewhere in the world where medical values and cultures differ. Dominic Wilkinson has been leading work on how to resolve these conflicts and how much freedom should be given to parents to seek medical care and medical values that best match their own.

Other problems require a collective response. The avoidance of antimicrobial resistance and the maintenance of immunity through vaccination can only be achieved through the involvement and support of nearly everyone in society.

Likewise, addressing global terrorism requires us all to accept a different relationship with security services and each other. We have explored the problems of how much individuals can be asked to take on in order to further the group endeavours, how far we can go to mandate involvement, and penalise lack of involvement, and how individual responsibilities interact with the collective.

We are also better together. Dr Hannah Maslen's *BrainCom* project is a European collaboration bringing together top international neuroscientists, nanotechnologists, and, in Dr Maslen, a top neuroethicist. Indeed, this year, Dr Maslen was made the Editor-in-Chief of the international journal, *Neuroethics*.

The Uehiro Foundation on Ethics and Education's foresight in creating a global

network, and a culture of education and engagement, is an example of the kind of work that needs to be done to address our current challenges. We have sought to honour this vision through an outward-facing approach. This year, led by Director of Studies, Guy Kahane, we opened our doors to our first cohort of MSt in Practical Ethics students, and recruited the second cohort. So far, our student body represents 10 different countries and a range of different professional and educational backgrounds and experiences. Adding this to our active visitor programme, including of course the annual Oxford-Uehiro-St Cross Scholarships, I hope we have honoured the global vision to support research and education in practical ethics on a global scale.



Uehiro Chair in Practical Ethics Julian Savulescu

Selected highlights.

Uehiro Chair in Practical Ethics

Uehiro Chair in Practical Ethics, Julian Savulescu, is trained in both medicine and philosophy. In addition to leading the Centre and its hosted research projects, he maintains a leading research profile. His h-index, a measure of academic citation rate, reached 61, with 2018 seeing him achieve the highest number of new citations yet. Particular items of recognition this year include the Daniel M. Wegner Award for Theoretical Innovation, shortlisting for the AHRC Medal for Research Leadership in Medical Humanities, and inclusion in Oxford University Press' 2018 list of 'best of philosophy'.

Gene editing

The birth of the first gene-edited babies, Lulu and Nana, in November 2018, sent shockwaves around the international media. It was a scientific first, but an example of how the regulation of science has struggled to keep up with the pace and globalisation of current research. Whilst gene editing carries great promise in the eradication of disease, due to the fundamental and heritable nature of changes, it carries even greater long-term risk than other forms of medical research.

Uehiro Chair Julian Savulescu was one of the leading international voices addressing the ethics of the case. He was quoted in over 1000 media outlets worldwide, including appearing on national TV in Australia, France, and Turkey. He has also led the academic debate in the area.

He published the first proposed ethical pathway for research into gene editing with Peter Singer in leading journal, *Bioethics*, as well as a longer article on the ethics of gene editing in the same venue. His earlier article in *Journal of Applied Philosophy* on the ethics of germline gene editing was translated into German this year.

Savulescu's work influenced policy on gene editing and related techniques internationally. He published a Feature Article on the topic in the *Journal of Medical Ethics* (under the new editors), as an in-depth contribution to the academic debate. He was cited in the UK Nuffield Council on Human Bioethics Report, 'Genome Editing and Human Reproduction' (July 2018). His submission to Australian Senate inquiry on the science of mitochondrial

donation and related matters is quoted throughout the ensuing June 2018 report.

Looking further into the future, Julian Savulescu appeared on Australian Broadcasting Corporation show, *Tomorrow, Tonight*, addressing the ethics of futuristic

scenarios imagining a future where gene editing technologies are significantly advanced. The show was watched by over half a million people, and won its timeslot on national Australian TV, with the hashtag trending on Twitter as people discussed the show.



Julian Savulescu on set for Tomorrow Tonight

Making medical decisions for children when parents and doctors disagree

In September 2018, Julian Savulescu and Dominic Wilkinson's book, *Ethics, Conflict and Medical Treatment for Children* was published by Routledge. In the book, Savulescu and Wilkinson reflect on the UK case of baby Charlie Gard, whose doctors prevented his parents from accessing experimental treatment outside the UK through the courts, in a drawn-out battle that reached international media. Wilkinson and Savulescu disagreed over the best course of action for Charlie throughout the case, but worked together to agree a pathway to decision-making in cases of dissensus. For example, in the case of Charlie Gard, he suffered the harm of continued intensive care that doctors had feared, whilst not receiving the opportunity to benefit from the treatment that his parents had fought for.

Assisted dying

Assisted dying remains controversial. In Australia, Victoria has recently introduced assisted dying legislation, after a legislative process including oral and written testimonial from Julian Savulescu. This year, Western Australia considered issues around palliative care and assisted dying. The August 2018 report, 'My Life, My Choice' presented the conclusions of the Joint Select Committee on End of Life Choices, and cited Julian Savulescu's work extensively, including recommendations for enhancing existing palliative care.

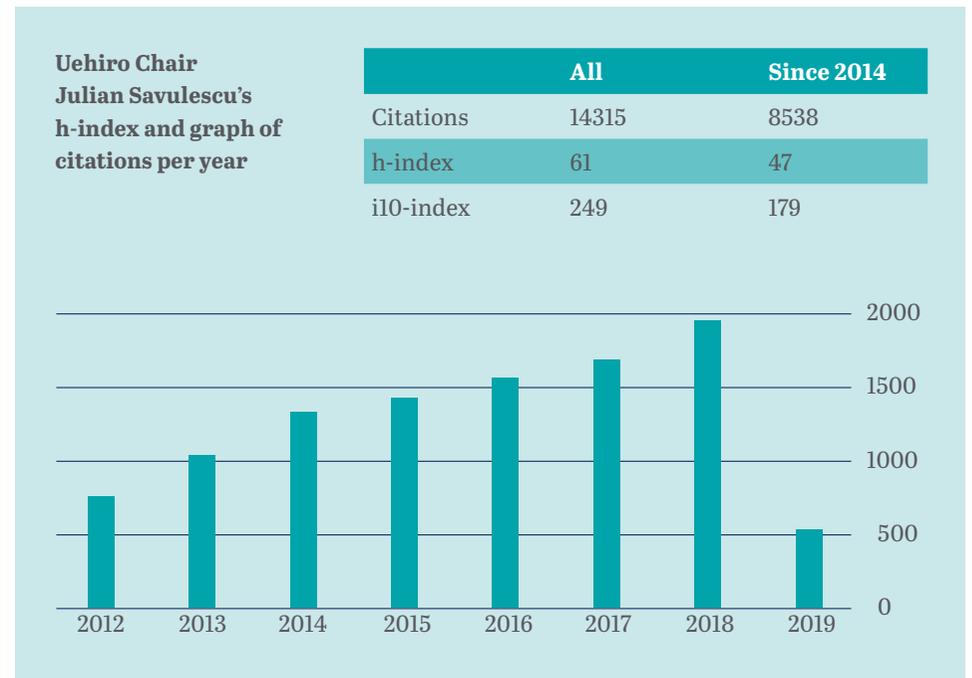
Review Quotes

“Revelatory...shows the possibility of learning through serious dialogue on the basis of mutual respect and a shared commitment to reason and evidence.”

David Albert Jones, The Anscombe Bioethics Centre, reviewing 'Ethics, Conflict and Medical Treatment'

“Victoria is the first state to pass voluntary assisted dying laws in Australia – giving Victorians with a terminal illness the compassion and dignity they deserve at the end of their lives.”

Premier Daniel Andrews





Co-authors Drs Jim Everett and Molly Crockett collect the Daniel M. Wegner Award for The Oxford Utilitarianism Scale on behalf of the team.

Oxford Utilitarianism Scale

Savulescu, Kahane, Faber, Everett and colleagues won the Daniel M. Wegner Award for Theoretical Innovation for the Oxford Utilitarianism Scale, a major research paper published last year. The award was presented at the Annual Conference for the Society for Personality and Social Psychology, where a number of other groups presented work replicating or building on the Oxford Utilitarianism Scale. Further details are on p11.

Infected Blood Inquiry

Savulescu joined the UK's Infected Blood Inquiry, led by Sir Brian Longstaff, former judge, as a medical ethics expert. The inquiry has been set up following a number of serious infections caused by the use of higher-risk blood products during the 1970s and 1980s, such as pooled blood products, and products from higher-risk populations. The inquiry will investigate how the products came to be given to patients, the impact on them, and the subsequent care provided, and response as the scale of the problem was realised.

Australian Academy of Health and Medical Sciences and other major events

Julian Savulescu was the keynote speaker at the 2018 Australian Academy of Health and Medical Sciences Annual Meeting, presenting on the challenges of big data. He also presented to major annual gatherings of clinicians through keynote lectures at the Annual Scientific Meeting of the Epilepsy Society of Australia, Neurodevelopmental

and Behavioural Paediatric Society of Australasia, and the Australian Dental Association. In the philosophical community, his work on moral enhancement was the focus of a two-day symposium in Croatia with 12 international speakers focussing on different aspects of the philosophy and ethics of moral bioenhancement.

As part of a series of public lectures, Julian Savulescu gave a TedX talk in Melbourne and spoke to an annual conference of school teachers. He also continued to engage with business through a series of workshops for senior government officials and business leaders organised by the University of Oxford's Said Business School.

Journal of Medical Ethics

Julian Savulescu, Dominic Wilkinson, and Thomas Douglas handed over the Editorship of the *Journal of Medical Ethics*, having completed their extended tenure.

“An impact factor of 1.889 is a commendation for those who have contributed to the journal’s success over recent years. It reflects the efforts of the editorial team led by Julian Savulescu, Tom Douglas and Dominic Wilkinson to maintain consistently high editorial standards and ensure the journal covered material of relevance and significance.”

John McMillan, incoming Editor-in-Chief of the *Journal of Medical Ethics*

Key Uehiro-Funded Staff Highlights



Dr. Thomas Douglas awarded major European funding

OUC Senior Research

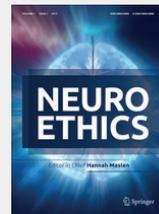
Fellow, Dr Thomas Douglas was awarded EUR 1.9 million of European funding for his research on the ethics of arational influences in a major project entitled "Protecting Minds: The Right to Mental Integrity and The Ethics of Arational Influence".

The European Research Council Investigator Awards are the most prestigious European funding scheme, offering major project funding to individuals, with no disciplinary or topic restrictions. Excellence of the individual and their project are the only criterion for selection. The success rate was 12.2 % for 2018 applicants. The UK Government has underwritten all European funding in the event of the final Brexit terms making the UK ineligible for European funding.

Arational influences are the kinds of techniques that are increasingly used to encourage us to spend our time and energies on activities we would not rationally

choose. Bottomless newsfeeds, randomised rewards, and other 'persuasive' technologies employed by online platforms and computer game designers are all examples. Other examples are biological interventions, such as the use of drugs, nutritional supplements or non-invasive brain stimulation to facilitate criminal rehabilitation.

The project will determine whether and how a moral right to mental integrity can be established, and develop a comprehensive and fine-grained account of its scope, weight, and robustness. It will determine what forms of arational influence infringe a moral right to mental integrity, and whether and when these might nevertheless be justified in some circumstances.



Dr Hannah Maslen awarded the position of Editor-in-Chief, *Neuroethics*

Deputy Director Dr Hannah Maslen took over from OUC hosted researcher Professor Neil Levy as Editor-in-Chief of the journal *Neuroethics*. The role further

cements Dr Maslen's international profile as a leader in the field of neuroethics, serving on the programme committee of the International Neuroethics Society's annual conference, and chairing the 2018 symposium on brain organoids, co-organised between the International Neuroethics Society (INS) and the Wellcome Centre for Ethics and Humanities and held at the University of Oxford.

The journal *Neuroethics* is international, peer-reviewed, and dedicated to academic articles on the ethical, legal, political, social and philosophical questions provoked by research in the contemporary sciences of the mind and brain. Its focus is especially, but not only, neuroscience, psychiatry and psychology. The journal publishes articles on questions raised by the sciences of the brain and mind, and on the ways in which the sciences of the brain and mind illuminate longstanding debates in ethics and philosophy.

Neuroethics has an h5-index of 22, which puts it on a par with major international journals such as the *Hastings Center Report*.

129

Academic Publications by Uehiro Funded Staff this year

£1,806,544

External funds awarded this year

Professor Dominic Wilkinson leads national debate over conflict in medical decision-making

Last year, Julian Savulescu and Dominic Wilkinson led the development of a pathway towards better resolution of conflicts over medical treatment, sparked by the case of Charlie Gard, a British baby whose parents wanted to seek experimental US treatment for his rare mitochondrial disorder, but were over-ruled by the courts who agreed with doctors that the treatment was not in his best interests. The court battle was long and Charlie lived for several months receiving the life-sustaining intensive care that his doctors believed was causing him suffering, without also receiving the experimental treatment that his parents and US doctors believed had a chance of helping him.

Savulescu and Wilkinson took different positions, and debated the case in the *British Medical Journal*, *the Lancet*, *the Journal of Medical Ethics* and in their 2018

book (p12). Whilst they disagreed over the case, they were able to come to a consensus about how decisions should be made.

A second case, that of Alfie Evans, arose later the same year. Alfie never received a definitive diagnosis, and there was no treatment available, although an Italian hospital was willing to offer continued life support. His UK doctors successfully petitioned the hospital to withdraw ventilation, arguing that there was no hope of improvement and that continued life support was not in his best interests.

Head of Medical Ethics Dominic Wilkinson was a major voice in the public debate, appearing on TV including *BBC One News* (6 pm and 10 pm broadcasts), *Sky News*, *ITV's This Morning*, *Channel 4 News* and on radio including Radio Scotland, TalkRadio, BBC Five live, and Radio Oxford and range of other local broadcasters. He was interviewed by the *New York Times*, *Daily Express*, *The Independent*, *The Times*, *The*



Sunday Times, *Vox media*, *CNN*, *The Observer*, *Crux News*, *Guardian newspaper*, *Dziennik Gazeta Prawna* (Polish), *Daily Telegraph*.

Wilkinson has also engaged in depth with

"I just wanted to say how valuable and helpful I thought your statement today on Alfie Evans. It was informed, careful, tactful and balanced, and made extremely important points that really were not getting aired at all. I'm sure I'm not alone in greatly appreciating your input."

Professor Russell Viner,
President of the Royal College of Paediatrics and Child Health

Twitter feedback

"[Dominic Wilkinson] spoke so well about Alfie Evans on #ThisMorning. No hysteria, just well educated facts. Thank you also for speaking about parents who have lost a child having their grief stirred up."

"Heartbreaking case, wise advice."

Science Media Centre

"Dominic Wilkinson was an essential asset to journalists and a shining example of how to communicate science and medicine during both the Charlie Gard and Alfie Evans stories. At a time when most of the rest of the medical community either chose to or was forced to stay quiet, Dominic shouldered much of the burden of the media clamour for expertise, taking the time to provide

written quotes and give broadcast interviews when demand was highest.

At the Science Media Centre we were in constant contact with journalists across the national news media throughout both stories. All wanted to cover the stories responsibly, but could not do so without the help of medical experts. They were being bombarded by claim

and counterclaim; Dominic helped them cut through the misinformation, never stepping outside his field of expertise, and always remaining calm, clear and sensitive to the medics and the families at the heart of the stories.

Without Dominic and a frustratingly small number of other medics, the media would have had no access to impartial,

evidence-based expertise whatsoever, and the public would have been woefully misinformed about childhood disease and prognosis. Medical institutions across the UK should examine their own media strategies very carefully after these stories. They need look no further than Dominic to see how it should be done."

those who are considering altering the law to address the way in which the adversarial court system appeared to lengthen and heighten conflict. Julian Savulescu and Dominic Wilkinson both met with Charlie Gard's parents. Dominic Wilkinson also engaged with MPs and peers working on drafting new legislation, as well as the Department of Health. Professor Wilkinson is a practicing neonatal intensivist alongside his career in academic medical ethics.

Guy Kahane, Nadira Faber and Julian Savulescu and co-authors awarded Daniel M. Wegner Theoretical Innovation Prize 2018

Staff: Guy Kahane, Julian Savulescu, Jim Everett (former staff), Nadira Faber, Brian Earp

Collaborators: Molly Crockett

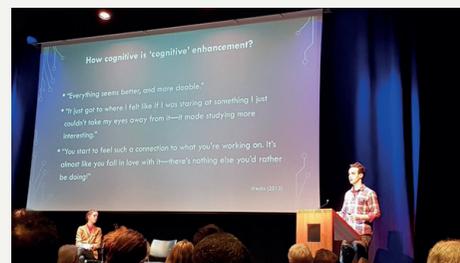
Uehiro Centre researchers were awarded the **2018 Daniel M. Wegner Theoretical Innovation Prize** for the **Oxford Utilitarianism Scale**, published in *Psychological Review*. The Society for Personality and Social Psychology grants the award for the 'most innovative theoretical contribution to social/personality psychology within a given year'.

The research already clocks 25 citations, including a direct response in *Cognition* by Harvard's Joshua Greene, a leading moral psychologist. Replications and extensions of the research are underway worldwide, including at Princeton University.

Director of Studies Guy Kahane was joint first author with Jim Everett, with Julian Savulescu, Molly Crockett, Brian Earp and Nadira Faber all collaborating on this landmark new research as co-authors.

Junior Scholars' Achievements

Our new junior scholars were quick to make an impact at the Centre. Highlights include Dr Mackenzie Graham leading a successful British Academy grant application with Julian Savulescu and collaborator Nina Hallowell for a project "The Ethical Management of Incidental Findings in Neuroimaging Research". Dr Adam Shriver was also successful in attracting external funding for his project with the RSPCA exploring sentience in animals, funded by the Open Philanthropy Project, as well as a Knowledge Exchange Fellowship from TORCH, an interdisciplinary research centre at the University of Oxford. Drs César Palacios-González and Doug McConnell were instrumental in establishing the first modules of the MSt in Practical Ethics, with Dr César Palacios-González working closely with Guy Kahane and Julian Savulescu on all of the modules and Doug McConnell leading the Philosophy, Psychiatry and Mental Health module. Dr Hazem Zohny



presented at the British Neuropsychiatry Association (pictured), and in addition to his academic publishing, contributed to the Centre's public engagement through an Aeon article on neurointerventions, and in Slate on white collar crime. Dr Carissa Veliz published opinion pieces on the front page of *El Pais*, the most widely-read Spanish newspaper worldwide, in the Spanish edition of the *New York Times*, and in Slate.

Dr Kei Hiruta awarded EURIAS Junior Fellowship

Dr Kei Hiruta was awarded a EURIAS Junior Fellowship for 2018-19 at the Paris Institute for Advanced Study.

The European Institutes for Advanced Study (EURIAS) Fellowship Programme offers 10-month residencies - mainly in the Humanities and Social Sciences - in 19 European cities. Dr Hiruta's research project is entitled 'Berlin's Bête Noire: Hannah Arendt and Isaiah Berlin on Freedom, Politics and Humanity'.

Arts and Humanities Research Council Medal for Research Leadership in Medical Humanities

Julian Savulescu was shortlisted for the AHRC Medal for Research Leadership in Medical Humanities, attending the House of Parliament prizegiving in September 2018. The Health Humanities Medal recognises and showcases the very best research, impact, and leadership from this field of study.

Professor Edward Harcourt, Director of Research, Strategy and Innovation at the AHRC said: "We were struck by the exceptional quality of the applications, which express a more inclusive vision of health and wellbeing and how to achieve it in ways that are not driven by medical science alone."

Award for Excellence 2018

Research Fellow Nadira Faber was awarded Experimental Psychology's Award for Excellence 2018, awarded yearly to a member of staff who has 'consistently demonstrated exceptional performance'. Nadira Faber heads our moral psychology team and collaboration between philosophy and psychology.

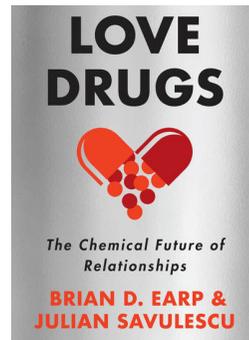
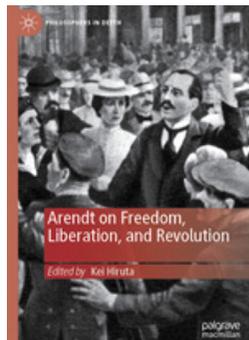
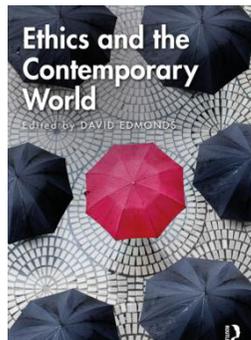
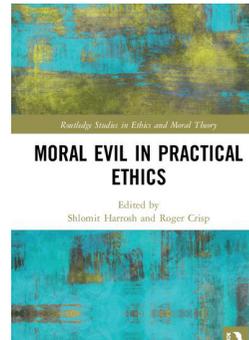
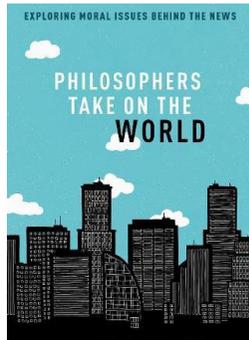
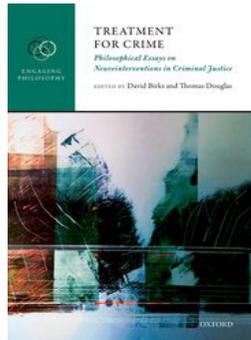
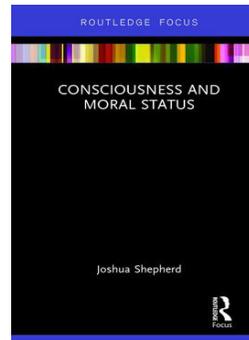
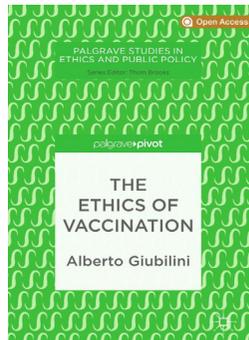
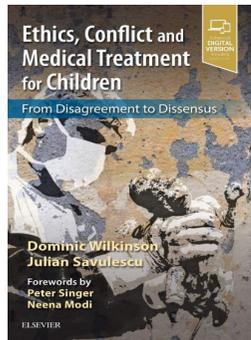
Preregistration prize

Staff: Guy Kahane, Julian Savulescu, Nadira Faber

Collaborators: Andreas Kappes, Molly Crockett

The paper "'Concern for Others Leads to Vicarious Optimism' published in *Psychological Science* won the Centre for Open Science's preregistration prize. The University of Oxford is ranked second worldwide for preregistration. Preregistration increases the credibility of hypothesis testing by confirming in advance what will be analyzed and reported. For the Preregistration Challenge, one thousand researchers will win \$1,000 each for best practice in registering research results.

Monographs



PUBLISHED THIS YEAR

Ethics, Conflict and Medical Treatment for Children: From Disagreement to Dissensus

Dominic Wilkinson
and Julian Savulescu
Elsevier, September 2018
Open Access

“Revelatory”

“Shows the possibility of learning through serious dialogue on the basis of mutual respect and a shared commitment to reason and evidence.”

David Albert Jones, Anscombe
Bioethics Centre

The Ethics of Vaccination

Alberto Giubilini
London: Palgrave
MacMillan 2019
Open Access

“Terrific...a well-argued perspective.”

Professor Andrew Pollard, Professor of
Paediatric Infection and Immunity

Consciousness and Moral Status

Joshua Shepherd
Routledge 2019
Open Access

Former hosted Research Fellow, book was a product of his time at the Centre.

EDITED VOLUMES

Treatment for Crime: Philosophical Essays on Neurointerventions in Criminal Justice.

David Birks and
Thomas Douglas Oxford
University Press, 2018

Moral Evil in Practical Ethics

Shlomit Harrosh
and Roger Crisp
Routledge, July 2018

“...profound and troubling reflections on questions that are not only major concerns of our times but also a flourishing area of investigation in moral philosophy.”

Notre Dame Philosophical Reviews

NEW EDITIONS

Philosophers Take on The World.

David Edmonds,
Oxford University Press, paperback edition,
August 2018

“Philosophers Take on the World paves the way for people to become independent thinkers, more mindful

of the philosophical implications that lurk behind all corners of our lives”

Anna Zanetti, The Oxford Culture Review

“I’m now a convert”

Jonathan Wright, Catholic Herald

IN PRESS

Arendt on Freedom, Liberation, and Revolution

Kei Hiruta, April 2019

Former OUC member of staff, edited volume was a product of his time at the Centre.

“Kei Hiruta’s new collection represents a decided shift in ways of construing Hannah Arendt’s work. It shifts the focus from the concept of action in her texts to the experience of freedom and revolution in history. The Arab Spring and the on-going refugee crises are as likely to be taken up as the Greek polis or the Roman Republic. Overall, the essays are lively rather than ponderous. Most of all, they allow the vitality of Arendt’s thought to emerge into full evidence.”

Richard H. King, Professor Emeritus of American Intellectual History, University of Nottingham, UK

“Illuminating reassessments....in light of challenging contemporary problems.”

Ayten Gündoğdu, Associate Professor of Political Science, Barnard College, USA

“A multi-faceted examination of the political challenges and failures with which we are surrounded. ...This book is a welcome contribution to contemporary political philosophy.”

Lucy Tatman, Senior Lecturer in Philosophy and Gender Studies, University of Tasmania, Australia

Ethics in The Contemporary World

David Edmonds

Routledge,

May 2019.

OUC staff, students, and collaborators have come together to produce this volume for young people aged 16 – 18. It will be published simultaneously in hardback and paperback to reach the widest audience.

“This is a superb collection of 25 short chapters on current ethical issues. The pieces included are accessible, brisk and often arresting, ensuring that the book will have an important role to play in both philosophical and public discussion.”

Philip Pettit, Princeton University, USA, and Australian National University

Love Drugs: The Chemical Future of Relationships.

Brian D. Earp & Julian Savulescu Stanford University Press: Redwood City.

“Love Drugs reports current science on the effect of drugs on love and sex, adds anecdotes and case studies, and combines that with ethics and wisdom on what is important. The result is a fascinating account of a future that is starting to unfold right now.”

Peter Singer AC

Reasons in Action.

Ingmar Persson

Oxford University Press

Psychiatry Reborn: Biopsychosocial Psychiatry in Modern Medicine.

Will Davies, Julian Savulescu,

Rebecca Roache

Oxford University Press

UNDER CONTRACT

Procreative Beneficence: A Defence.

Guy Kahane and Julian Savulescu

Oxford University Press

Autonomy, Rationality & Contemporary Bioethics.

Jonny Pugh

Oxford University Press

Self-Control.

Marcela Herdova, Stephen

Kearns, and Neil Levy

Routledge

Berlin’s Bête Noire: Hannah Arendt and Isaiah Berlin on Freedom, Politics and Humanity.

Kei Hiruta

Princeton University Press

Hosted Research Projects

Social Behaviour and Ethics Lab

The Centre's dedicated moral and social psychology group are now multiple award-winners, following up last year's public engagement prize with the Daniel M. Wegner Award for Theoretical Innovation.

Creating opportunity for in-depth interdisciplinary collaboration, the Social Behaviour and Ethics Lab has enabled us to develop a deeper understanding of the psychology behind individual and group morality. This research has uncovered features of human psychology such as a "social optimism bias" which leads people to underestimate factual dangers to another person's future wellbeing. The bias is even greater when there is an existing care for that person (Kappes, A., Faber, N. S., Kahane, G., Savulescu, J., & Crockett, M. J. (2018). Concern for others leads to vicarious optimism. *Psychological Science* 29, 379–389).

The group also produced research showing that when people are uncertain about another person's needs, they err on the side of "moral caution" and give up more funds for that person than they would otherwise.

(Kappes, A., Nussberger, A.M., Faber, N., Kahane, G., Savulescu, J., and Crockett, M. (2018). Uncertainty about the impact of social decisions increases prosocial behaviour. *Nature Human Behaviour* 2: 573–580).

These insights have implications for a number of different policies, including charitable donations and behaviour that mediates infectious disease. Further research also addressed infectious disease policy directly, asking the public whether doctors should prioritise individual patient health in prescribing antibiotics, or whether they should act in the collective and future interests of the broader population by reducing the number of such prescriptions they make. The responses indicated that the public view was that reducing antibiotic resistance should be the priority (Dao, B., Giubilini, A., Douglas, T., Savulescu, J., Selgelid, M., & Faber, N. S. (in press) Impartiality and infectious disease: prioritising individuals versus the collective in antibiotic prescription. *American Journal of Bioethics: Empirical Bioethics*).

The group also worked on human-animal relations, investigating why people assign less moral worth to animals (Everett, J. A. C., *Caviola, L., Savulescu, J., & Faber, N. S. (in press) Speciesism, generalized prejudice, and perceptions of prejudiced others.

Group Processes and Intergroup Relations; Caviola, L., *Everett, J. A. C., & Faber, N. S. (2018). The moral standing of animals: Towards a psychology of speciesism. *Journal of Personality and Social Psychology*).

“groundbreaking”

Peter Singer AC, on ‘The moral standing of animals: Towards a psychology of speciesism’

OVER £1.8

million in new externally funded awards made to the Centre this year





Alberto Giubilini presenting at the launch of his book, *The Ethics of Vaccination*



Members of the Collective Responsibility Team

Collective Responsibility for Infectious Disease

Choices we make as individuals: to vaccinate our children, or to take antibiotics for minor ailments, for example, can seem inconsequential to others. But when those choices become widespread, the whole community can suffer as infectious disease spreads or is harder or impossible to treat.

Hosted researcher Alberto Giubilini's book, 'The Ethics of Vaccination', was published this year, drawing out in monograph form an account of the responsibilities of individuals, groups and institutions to support the herd immunity that has been developed over generations of vaccination, but has recently shown signs of slipping away.

The project also influenced the UK's science policy agenda, advising the Parliamentary Office of Science and Technology (POST) as part of the preparation of their report on antimicrobial resistance and immunisation. Research published by the Centre also feature in another POST report, *Reducing Antibiotic Use in Animals*. POST is a service for UK MPs to provide an impartial briefing on scientific policy.

The team's research on flu vaccination was selected as one of OUP's "Best of Philosophy 2018", a category described by OUP as "a roundup of the best of recent philosophy scholarship". (Bambery, B., Douglas, T., Selgelid, M., Maslen, H., Giubilini, A., Pollard, A., Savulescu, J. (December 2018) *Influenza Vaccination Strategies should Target Children*. *Public Health Ethics* 11(2): 221–234).

"absolutely terrific...a well argued perspective."

Professor Andrew Pollard
on *The Ethics of Vaccination*

BrainCom

BrainCom is a collaboration between European scientists and Uehiro Centre ethicists led by Deputy Director Hannah Maslen, along with hosted researcher Stephen Rainey. The project team are developing neuroprosthetic devices that mediate speech by interpreting brain activity. In line with the purpose of the collaboration to embed ethics in the earliest stages of development, research this year has provided an overview of the ethical issues raised by the technology, intended to open academic debate. The

project has also addressed in detail the specific legal and ethical issues that arise from such technologies, with work on responsibility in relation to speech that is mediated by a neuroprosthesis (Rainey, S., “A steadying hand’: Ascribing speech acts to users of predictive speech assistive technologies.” *Journal of Law and Medicine* 26,1), and further work on control and ownership of synthetic speech underway.

BrainCom’s team are affiliated to the EC’s *Human Brain Project*, and have collaborated with the project to produce broader guidance on the ethical governance of brain research.

Responsibility and Healthcare

The *Responsibility and Healthcare* project asks how we should respond to the interaction between individual choices and health when it comes to public policy, including assigning resources. For example, addiction, obesity, and infertility can all be affected by lifestyle decisions, although genetic and other factors also contribute. Even where lifestyle factors are influential, a range of factors might contribute to an individual’s choices or their ability to make healthy choices.

This year, the *Responsibility and Healthcare* project addressed whether choice-mediated risk factors such as obesity should be taken into account when providing infertility treatments (Brown, RCH

(forthcoming) ‘Irresponsibly Infertile? Obesity, Efficiency and Exclusion from Treatment,’ *Health Care Analysis*), and how government and policy-makers can ethically seek to influence health-oriented choices (Brown, RCH (2018) ‘Resisting Moralisation in Health Promotion,’ *Ethical Theory and Moral Practice*, 21, 4:997-1011; Brown, RCH; Maslen, H; Savulescu, J (2018) ‘Responsibility, Prudence and Health Promotion,’ *Journal of Public Health*). Other work this year focussed on resource allocation, addiction, and the concepts of responsibility, collective responsibility and free will.



Members of the Responsibility and Healthcare Team

Project member Becky Brown appeared in an exhibition at the Science Museum in London on the occasion of the 40th anniversary of IVF.

Wellcome Centre for Ethics and Humanities

The Wellcome Centre for Ethics and Humanities was established to address the fundamental changes in ethics that advances in science and technology make necessary. It focuses on 4 key themes: neuroscience, big data, genomics, and globalisation, each addressing a fundamental shift in scientific practice or capabilities that cannot be accommodated by our existing medical ethics frameworks. The project is a collaboration with Public Health, History, and Psychiatry as well as our team of philosophers. The philosophy team are working across all the themes, with Carissa Veliz focussed on data and AI, Adam Shriver on neuroscience, MacKenzie Graham on neuroethics, and Steve Clarke on moral status in the light of developments in genomics and neuroscience.

The Centre’s public engagement included major pieces in *El País*, *New York Times*, *Slate*.



Members of the Wellcome Centre for Ethics and Humanities Team



Dr. Rebecca Brown’s exhibit in the London Science Museum

Neurointerventions in Crime Prevention: An Ethical Analysis

Building on the Centre's strengths in neuroethics, this project addresses the use of neurocorrectives, methods which act directly on the brain in order to morally improve behavioural or psychological dispositions. These are already in use for some forms of crime, reducing the desire for illegal drugs in the addicted, for example, or reducing the libido of sex offenders.

This year, research included a discussion of the possibility and principles of using

bioprediction and bioprevention to white-collar crime (*Criminal Law and Philosophy*).

As the project draws to a close, it made a major contribution to the literature in this area, publishing an Oxford University Press edited volume '*Treatment for Crime: Philosophical Essays on Neurointerventions in Criminal Justice*'. The project also formed the basis of PI Thomas Douglas' ERC Award, which will extend and build upon the findings of this award (details p.9).



Members of the Neurointerventions in Crime Prevention Team

Global Terrorism and Collective Moral Responsibility

International terrorism is a major global security threat. Counter-terrorism is a morally complex enterprise involving police, military, intelligence agencies and non-security agencies. This project, led by Professor Seumas Miller across Oxford and Delft Universities frames counter-terrorism as a collective moral responsibility of governments, security institutions and citizens.

The research investigates which counter-terrorist strategies and tactics are effective, morally acceptable and consistent with liberal democracy, and develops a proposal for embedding collective moral responsibility in security agencies.

The project is impact-focussed, and this year has worked with the US Naval Academy, and published in the *New York Times*. Michael Robillard, project researcher, established the Uehiro Security Ethics programme within the Centre, bringing international researchers and security practitioners to Oxford for a series at All Souls College focussing on the ethics of security, counter-terrorism and war.

Fellowships

The Oxford Uehiro Centre for Practical Ethics hosts four independent fellowships. Dr Katrien Devolder's research, Wellcome Trust Fellowship is on the ethics of genome editing in livestock. Dr Lisa Forsberg's British Academy Fellowship builds on her earlier work at the Centre on Thomas Douglas' award. Dr Forsberg's fellowship is in collaboration with the Law Faculty, and looks at neurointerventions, autonomy, and the law on consent. Dr Jonathan Pugh's Wellcome Trust Fellowship is called The Ethics of Novel Therapeutic Applications of Deep Brain Stimulation. Pugh is working with leading neuroscientist Professor Tipu Aziz on the ethics of the latest DBS techniques. Professor Dominic Wilkinson is completing his fellowship on the ethics of rationing in neonatal intensive care.



BrainCom Team

Policy and Practice

Nuffield Council on Bioethics

Julian Savulescu, Dominic Wilkinson and others were cited in a Nuffield Council on Bioethics report on genome editing. The Nuffield Council is a UK-based independent charitable body, which examines and reports on bioethical issues raised by new advances in biological and medical research.

Julian Savulescu and Dominic Wilkinson also assisted the Nuffield Council with the development of a briefing note on conflicts in the care of critically ill children based on their research for the Charlie Gard case.

UK Ministry of Defence

There is good evidence that human performance enhancement technologies are in widespread use in sports, technology, and academia amongst other fields. This new project, with Julian Savulescu, Hannah Maslen, Hazem Zohny, and collaborator Anders Sandberg with the Ministry of Defence examines this evidence, the potential for future enhancement technologies to come into use, and their likely impact on all areas of society in the next 50 years, including defence.

Australian Senate

Julian Savulescu and Australian colleagues (including former Uehiro Centre member Dr Christopher Gyngell) submitted evidence to the Australian Senate Community Affairs References Committee on the science of mitochondrial donation and related matters. Their submission was influential and was quoted throughout the report.

Parliamentary Office of Science and Technology (POST)

The Centre's work on antibiotic resistance and immunisation in people, and the linked use of antibiotics in farming was cited by the Parliamentary Office of Science and Technology (POST) in their report, *Antimicrobial Resistance and Immunisation, and Reducing Antibiotic Use in Animals*. The Parliamentary Office of Science and Technology is the UK Parliament's in-house source of independent, balanced and accessible analysis of public-policy issues related to science and technology. It provides balanced and accessible research covering biological, physical and social sciences, and engineering and technology to national level policy-makers.

Police

Deputy Director Hannah Maslen is leading work with national police forces, continuing to provide professional development training to senior police officers via the national-level Strategic Command Course, as well as an ethics workshop for the Police Service of Northern Ireland.

The collaboration led to new research. Dr Maslen's collaborative paper with a senior police officer 'When Should the Police Investigate Cases of Non-Recent Child Sexual Abuse?' was accepted by *Criminal Justice Ethics* in March 2019. The UK launched Operation Yewtree, a major national police inquiry primarily into historical child sexual abuse in 2012, after a television documentary exposed the crimes of Jimmy Saville, a former television personality. Nevertheless, the operation was controversial, and a number of the investigations within it ended in acquittal or were dropped. In their paper, Maslen and Paine argue for a "broad rights" approach. They identify considerations

relating to the victim, criminal justice and crime prevention, limited resources, and legitimacy. They argue that, all other things being equal, non-recent and current investigations are equally worthy of investigation. They introduce The Oxford Framework, a principled decision-making framework to aid investigators of non-recent child sex abuse cases.

The Oxford CSA Framework aims to prioritise prevention of harm, and promote victims' well-being, whilst managing police resources.



Dr Hannah Maslen working with senior members of the Police Force

Coronial Findings

Head of Medical Ethics Professor Dominic Wilkinson's oral and written evidence was endorsed by the coronial court, following the tragic death of a baby in 2011, 27 days after medical treatment was withdrawn. Professor Wilkinson's evidence was referred by the Coroner to the New South Wales Minister of Health for use during the current revision of the NSW Guidelines in End-of-Life Care and Decision-Making.

Charitable Organisations

Uehiro Centre research is helping to shape policy decisions for progress in Australian disability provision context. Following a talk given in Australia by Deputy Director Hannah Maslen, a connection was formed with a regional not-for-profit company, *House With No Steps* (HWNS). HWNS is one of Australia's leading disability support service providers employing over 4,500 people and supporting 5,000 people with disabilities. HWNS is working with Maslen and Rainey (hosted researcher, BrainCom) on the intersections of ethics, emerging technologies, and governance questions, to develop a detailed picture of human experience with assistive technologies. This will benefit HWNS in choosing future directions for activities, and BrainCom in gaining insights about the experiences of disabled people using assistive technologies.

Business

Dr Katrien Devolder acted as an invited CEO-steward as part of INSEAD's Society for Progress' programme, which aims to encourage major international businesses to focus on moral progress as well as economic performance. Dr Devolder was one of four mid-career philosophers selected for this programme, which gave her the opportunity to influence the executives of major corporations, such as the Royal Bank of Scotland, L'Oréal and Coca Cola, in a small discussion setting. INSEAD is currently ranked as one of the top two business schools in the world by the *Financial Times*.

Public Engagement

Uehiro Centre researcher Stephen Rainey joined the panel of judges at the 2018 Loebner Prize, hosted by the Society for Artificial Intelligence and Simulation of Behaviour (AISB) at Bletchley Park. The competition encouraged members of the public to engage with ideas of AI, and to interact directly with AI chatbots. The Loebner Prize is the oldest Turing Test contest, started in 1991 by Hugh Loebner and the Cambridge Centre for Behavioural studies. From 2014, the contest has been run under the aegis of the AISB, the world's first AI society (founded 1964) at Bletchley Park where Alan Turing worked as a code-breaker during World War 2. A Dutch Film crew filmed the proceedings for a documentary.

The Centre is currently developing its own ethics chatbot, for launch in 2019, led by Uehiro researcher Hazem Zohny.

Government Inquiries

Julian Savulescu joined the Medical Ethics Expert Group for the Infected Blood Inquiry led by Sir Brian Langstaff. The Inquiry will address historical policies in sourcing and handling blood products for the UK's National Health Service, which led to the recipients of blood transfusions during the 1970s and 1980s being exposed to blood-borne infections.

Legislative Change

Julian Savulescu's research was cited in legislative reports in Western Australia (following oral and written submissions), and at the national level by the Australian Senate (following written submissions) as they considered alterations to the law on assisted dying and embryonic research respectively. In the light of the ensuing reports, legislative change is under consideration.

Excerpt from submission to the Australian Senate Inquiry on the Science of Mitochondrial Transfer

"We believe there is a pressing need to change Australia's regulatory framework governing mitochondrial replacement therapy (MRT). We thank the Senate Community Affairs References Committee for providing us with the opportunity to submit our views on this topic. We focus on the terms of reference which highlight the ethical and social implications of MRT.

We believe there is a strong moral case for amending Australia's legislation to allow MRT. Current laws place a conceptual barrier to MRT, banning it no matter how safe and effective it becomes. This is unethical, as it denies individuals the opportunity to access an effective treatment without a valid justification. "



Jonathan Pugh Presents at the European Parliament's Youth Event



Jonathan Pugh at the European Parliament

Dr Jonathan Pugh at The European Youth Event 2018

Hosted Wellcome Trust Research Fellow Jonathan Pugh was invited to represent The Oxford Uehiro Centre for Practical Ethics at the European Youth Event 2018 at the European Parliament in Strasbourg. This event brought together around 9000 young people from across Europe to discuss some of the challenges facing the continent, and to suggest policy proposals.

Dr Pugh spoke at a panel discussion entitled "The DNA Revolution" on the ethical issues surrounding gene-editing, particularly with respect to eradicating mosquitoes, and addressed the question of whether the EU should legislate on gene-editing mosquitoes.

Jonathan Pugh's profile in the debate on gene editing in mosquitos was initiated by a blog for *Practical Ethics in the News*, which he later developed into a full-length academic article, and has been quoted by Canadian national media and the genetic literacy project his year.

Schools

The Centre's edited collection for A-Level students (16- 18 years), *Ethics and the Contemporary World*, was completed and is scheduled for publication in June.

"This is a superb collection of 25 short chapters on current ethical issues. The pieces included are accessible, brisk and often arresting, ensuring that the

book will have an important role to play in both philosophical and public discussion."

Philip Pettit, Princeton University, USA, and Australian National University

Our existing work was incorporated into national philosophy training for schools, with the Victorian Curriculum and Assessment Authority (VCAA) using the sample exam for VCE philosophy students, and Julian Savulescu, along with others from the University, presented at the Medipeace Summer School in South Korea, teaching ethics to schoolchildren.

Excerpt from Johnathon Pugh's speech at the European Parliament Event

The real ethical questions that the prospect of gene-editing mosquitoes raises are grounded by our scientific uncertainty about the technology; will the modification work? Would eradicating a species of mosquito adversely affect the ecosystem? Will the modification spread to other species? These are empirical questions about which there is significant debate, and we

clearly need more data to answer them. However, these empirical questions must be the starting point for what is really the fundamental ethical question here, which is 'How should we make decisions about whether or not to deploy a technology, when we have only a limited understanding of its potential risks and benefits? Who should decide? Do we have the right to deploy a technology that could plausibly change the global ecosystem, if others object to its use?

The easy answer here is to say that we should not take any risks, and that in the light of any uncertainty, we should simply maintain the status quo situation; perhaps it is better the devil you know. Of course, that is not the approach that we have taken with other sorts of novel technology, such as IVF and the internet. But more importantly, in this case the status quo is one in which many hundreds of thousands of people are dying from diseases that this new technology could potentially prevent. As such, we need have to have very strong moral reasons to maintain this situation. Rather than avoid the ethical questions by simply averting to the possibility of risk, we have an obligation to engage in moral reasoning about how to weigh the relevant risks and benefits here, grounded in the best scientific evidence available to us."

Uehiro Lectures and Uehiro Series in Practical Ethics

Uehiro Lectures

The 2018 Uehiro Lecturer was Professor Richard Holton, Professor of Philosophy at Cambridge University, giving a series of lectures entitled 'Illness and the Social Self'.

In the series of three lectures, Holton argued that who we are depends in part on the social world in which we live, and investigated how our social nature interacts with three mental health problems: dementia, addiction, and psychosomatic illness.

Richard Holton's videos summarising his lectures on the Centre's YouTube channel, *Practical Ethics*, reached over 1000 people, and the full lecture audio, and blog summaries by OUC hosted researcher Dr Jonathan Pugh are also available online.

In 2019, Professor Elizabeth Anderson, Arthur F. Thurnau Professor and John Dewey Distinguished University Professor of Philosophy and Women's Studies, University of Michigan will give the Uehiro Lectures with the title 'Can We Talk?:

Political Discourse in Polarized Times'.

In 2020, Professor Michael Otsuka will give the Uehiro Lectures on intergenerational justice, in a series, 'How to pool risks across generations: the case for collective pensions'.

Audio of the lectures, and a written summary and response are available on our website and blog.



Julian Savulescu and Uehiro Lecturer Richard Holton

Uehiro Series in Practical Ethics

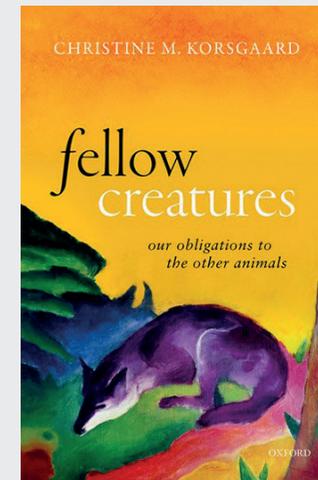
2014 Uehiro Lecturer Christine Korsgaard's book, *Fellow Creatures: Our Obligations to the Other Animals*, was published in July 2018 in the Oxford University Press Uehiro Series in Practical Ethics that accompanies the lecture series.

"[Korsgaard] is one of the preeminent contemporary scholars of Kantian moral theory...It is a must have for any college or university library."
Choice

"... [this] book offers an important defence of the claim that nonhuman animals are ends in themselves and so have moral standing ... [this] is a

significant book that will need to be referenced by anyone working on these issues."

M A Michael Austen, Choice



"Scholarly but accessible....A lively and thoughtful discussion"
Verified Amazon purchaser (5 stars)

MSt in Practical Ethics

The MSt in Practical Ethics offers high-quality training in practical ethics, drawing on the internationally recognised expertise of Oxford's Uehiro Centre for Practical Ethics, and collaborators. The course is highly interdisciplinary in character but the primary focus is ethical and philosophical: students learn how to apply rigorous philosophical analysis to real-life ethical problems and are provided with a grounding in key ethical concepts and methods, as well as in major debates in practical ethics. In 2018, we welcomed the first cohort of students to Oxford for four week-long intensive modules and their first Oxford tutorials.

Julian Savulescu, Guy Kahane, César Palacios-González, Doug McConnell

In 2018, the first cohort of MSt in Practical Ethics students joined the Centre for the first four week-long intensive modules, along with other students who took part in individual modules as “standalone” students (students who enrol for individual modules only and do not receive a formal qualification).

Next year, the current MSt students will complete the final two modules and may also commence the dissertation that completes the course to become our first graduates.

Our first cohort of students ranges in age from immediately post-graduate to retirement, and includes professorial staff at universities internationally, senior medical professionals, lawyers, and business leaders, as well as students taking the course as their primary endeavour.

The course tutors were joined by an international team of guest speakers including Professors John Harris (bioethicist), Tipu Aziz (neurosurgeon), Martin Turner (neurologist), Lisa Bortolotti (philosopher), Tom Shakespeare (sociologist of disability), as well as members from the Centre. The course is only possible because of the diverse team at the Uehiro Centre, and the support of its international and interdisciplinary team.

The course provides high quality training in practical ethics and offers students the opportunity to develop their critical thinking and analytical skills, and to build an in-depth knowledge of contemporary ethical and philosophical issues. It is designed to accommodate philosophy graduates wanting to specialise in practical ethics and professionals with a background in other relevant areas (e.g. medicine or law) who either wish to transition to practical ethics or who desire training in practical ethics to supplement their career.

Students who perform at the top level of this course will be able to enrol on the Oxford DPhil course without application, providing the first route for practical ethicists with a non-philosophy background into the Oxford Philosophy DPhil course. This is a key part of our vision to build a training centre bringing in-depth philosophical training to those practising at the top of other fields. We believe the involvement of these groups will help develop the field of practical ethics through deep engagement with real-world issues.

A second aim of the course is to promote the use of practical ethics in the real world, and enhance the impact of the centre's ethical research. Our students have already reported applying ideas they've learned in the course in their professional practice.



Modules

- Ethical Concepts and Methods
- Well-Being, Disability and Enhancement
- Neuroethics
- Philosophy, Psychiatry and Mental Health
- Ethics of the Beginning and End of Life
- Research Ethics and Empirical Ethics

Module feedback

“The standard of teaching was excellent”

- **Module 1:** All answered "strongly agree" or "agree."
- **Module 2:** All answered "strongly agree"

“The people on the course are superb - the teachers and the lectures are all been world class and very approachable and open with their time and ideas”

- **Student Professor Gurjhinder Malhi**, Executive and Clinical Director of the CADE Clinic based at Royal North Shore Hospital. He is a Professor within the Discipline of Psychiatry at the University of Sydney

“It was an absolute privilege to be able to participate in the course. It was intellectually stimulating and challenging. All of the guest speakers were quite remarkable. I feel intellectually ‘fed’”

- **Student Dr Barbara Kameniar**, Honorary member of , Graduate School of Education, University of Melbourne

“Julian and the other tutors’ level of kindness and accessibility was above and beyond expectations”
“inspiring and heartening”

- **Anonymous student feedback**

“Exceptional in every respect. This was beyond expectations.”

- **Darren Menachemson**, standalone student



Teaching

Oxford-Uehiro-St Cross Scholarship

Scholars: Anri Asagumo and Hiroyuki Sato

Supervisors: Thomas Douglas, Jonathan Pugh

Anri Asagumo

Dr Asagumo is studying autonomous decisions in medicine in Japan, developing an argument on the importance and compatibility of the concept of autonomy in Japanese society.

In March, Dr Asagumo published a blog on *Practical Ethics in the News*, ‘The Gulf Between Japanese and English Google Image Search’, arguing that search engines have a duty to alter or engineer top search results outside of the standard algorithmic formulae where the results may be harmful.

Hiroyuki Sato

Dr Hiroyuki Sato is spending the year researching the ethics of disclosing Autism Spectrum Disorder diagnoses to children.

“I found this program is very useful, especially having an opportunity of up close and personal interaction with

the Oxford University researchers to learn philosophy and ethics, which is a valuable experience for me.”

Hiroyuki Sato, current scholar

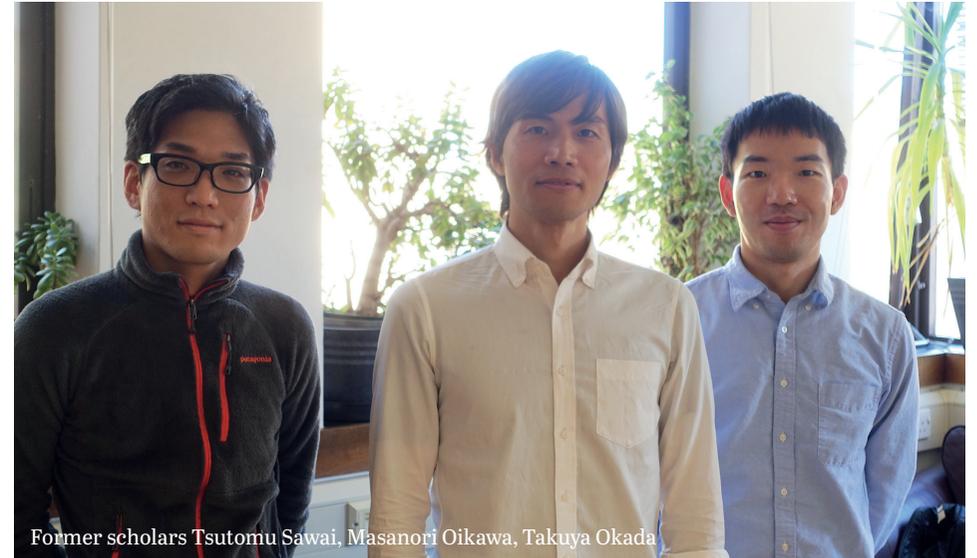
Takuya Okada

Former Oxford-Uehiro- St Cross scholar, Dr Takuya Okada, returned to the Centre for a 2- year JSPS Fellowship. His fellowship outputs included a series of articles in *The Journal of the Association of Political and Social Sciences (Kokka Gakkai Zasshi)*, a well-known Japanese journal for law and politics, and an English-language piece in *History of Political Thought*, one of the top journals in the field.

Dr Okada has now secured a permanent post at Daito Bunka University, and has returned to Japan to take up his new post.

Chie Kobayashi and Masanori Oikawa

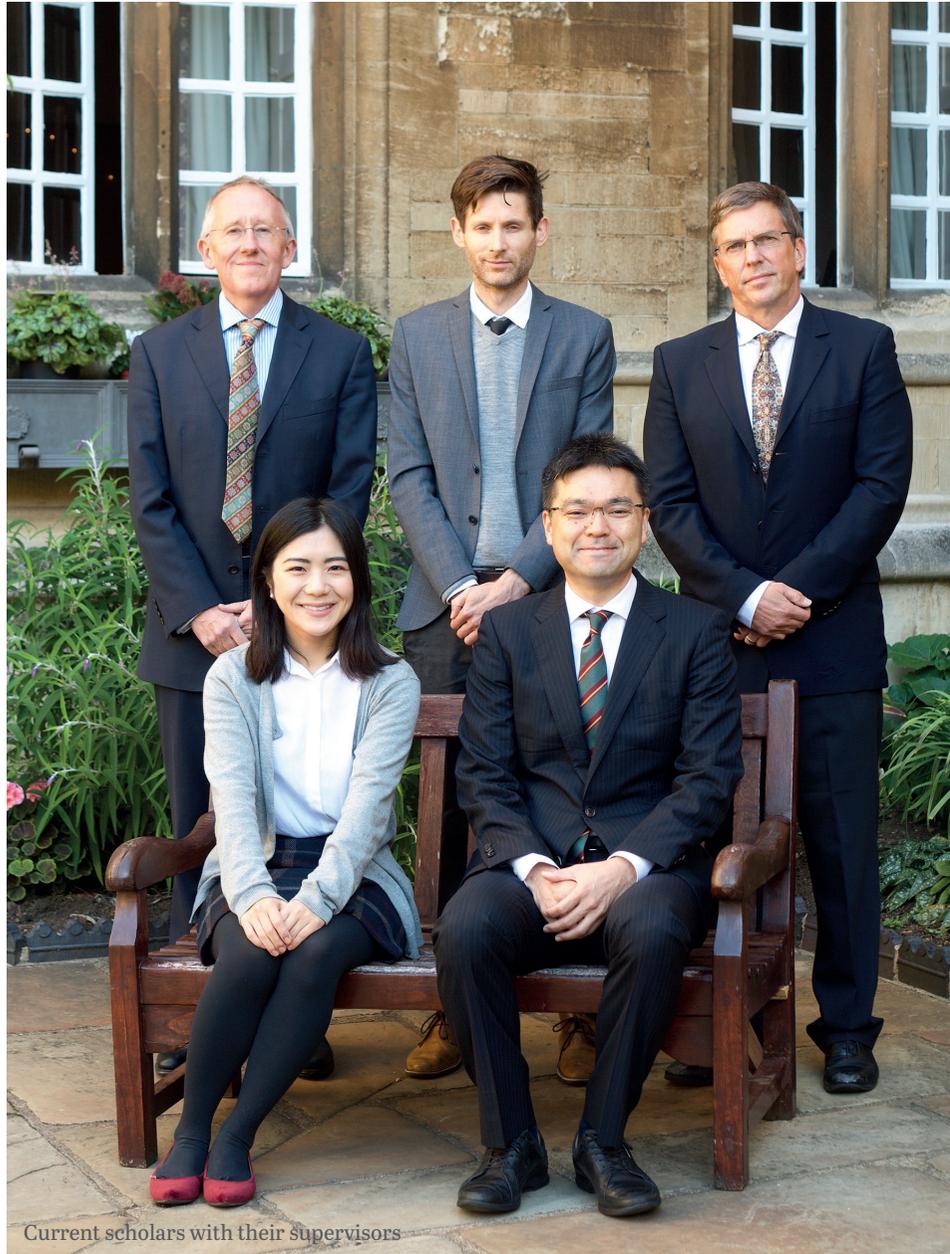
The 2017-18 Oxford-Uehiro-St Cross Scholars Chie Kobayashi and Masanori Oikawa completed their residencies and returned to complete their PhD studies at their home universities.



Former scholars Tsutomu Sawai, Masanori Oikawa, Takuya Okada



The Centre's farewell to Chie Kobayashi



Current scholars with their supervisors

BMedSc Elective Programme

Current Students: Roshini Balasooriya, Ella Butcherine Olivia Grimwade, Sarah Munday

Supervisors: Thomas Douglas, Michael Dunn, Nadira Faber, Alberto Giubilini, Doug McConnell, Julian Savulescu, Dominic Wilkinson.

Our second decade of BMedSc students opened with three Monash medical students, and one Melbourne University student coming to Oxford for a year.

Ella Butcherine and her supervisors Dominic Wilkinson and Julian Savulescu published a “target article” in leading bioethics journal *American Journal of Bioethics*. Target articles are the published along with a series of responses from others in the field and are amongst the highest impact papers in the field.

Former Monash BMedSc student, Bernadine Dao, also had her research accepted for publication this year,

with the paper ‘Impartiality and infectious disease: prioritising individuals versus the collective in antibiotic prescription’ forthcoming in *AJOB Empirical Bioethics*.

We were delighted that one of our former BMedSc elective students joined the MSt in Practical Ethics this year, and another has been accepted for the 2019 cohort. Former BMedSc student, Daniel D’Hotman, was awarded a Rhodes Scholarship to return to Oxford to continue his studies with the MSc in Global Health Science and Epidemiology. Rhodes Scholars are chosen not only for their outstanding scholarly achievements, but for their character, commitment to others and to the common good, and for their potential for leadership in their chosen fields.



Former BMedSc student Daniel D’Hotman at the Rhodes Australia scholarship awards

5th Annual Oxford Uehiro Prize in Practical Ethics

Undergraduate Category

Winner: Harry Lloyd with his essay

“What, if anything, is objectionable about gentrification?”

Runner Up: Angelo Ryu with his

essay *“Do Jurors Have a Moral Obligation to Avoid Deadlock?”*

Graduate Category

Winner: Tena Thau with her essay

“Love Drugs and Expanding the Romantic Circle”

Joint Runners Up: Miles Kellerman with his essay *“The Ethical Dilemma of Disclosing Offshore Accounts”* and Brian Wong with his essay *“Should We Contact Uncontacted Peoples?: A Case for a Samaritan Rescue Principle”*

The following essays were awarded an Honourable Mention in the Graduate category:

Maximilian Kiener: *“Consent and Causation”* Michelle Lee: *“Practical Ethics of Machine Learning and Discriminatory Lending”*

Robert Underwood: *“Killing to Communicate”*

Undergraduate and Graduate Teaching

Alongside the new MSt in Practical Ethics, the Centre continued to provide teaching in practical ethics across the University and at all levels. Dr Rebecca Brown led our core graduate classes, the BPhil in Practical Ethics, and the Applied Ethics Graduate Discussion Group, which is open to all faculties across the University. Emeritus Professor Janet Radcliffe Richards provided a graduate class on Sex, Gender, and Practical Ethics. Hannah Maslen and Julian Savulescu and others from the Centre continued to teach practical ethics to Masters in Public Policy students from the Blavatnik School of Government. Centre members contributed to the undergraduate curriculum in Practical Ethics.



The Final of the 5th Uehiro Prize in Practical Ethics



Winners and judges of the 5th Uehiro Prize in Practical Ethics

Public Engagement

Practical Ethics in the News was established in 2007, and has now achieved over 3.5 million individual readers. A collection of the best posts was published as an Oxford University Press volume, and re-published in a paperback edition this year.

The blog is part of our public engagement mission, and is available free-of-charge for the public, school and university teachers as a resource.

Together with our partnered pieces in *The Conversation*, and *Aeon*, the blog has also served as a platform for our scholars to reach major international news. This year, Dominic Wilkinson's blog on veganism was re-published in the *Daily Mail* and *ABC* (leading to over 240,000 views for that article), and excerpts were quoted in *Il Corriere*, and *Quarz*. The blog also led to interviews in the *New York Times*, *Global News (Canada)* (both Jonathan Pugh on gene editing mosquitos), as well as *The Times*, *Technology Review*, *News Week*, and the *Daily Mail*.

The blog enables rapid responses to major news items that would benefit from an ethical commentary. For example, Uehiro Chair Julian Savulescu's blog-based press release on the birth of the first gene-edited babies in China was quoted in over 1000 media sources worldwide. He went on to give interviews on national

TV (Australia, France), to newspapers, including in China, and on national radio. He used the platform provided to start a debate on how research ethics should address technologies such as gene editing, providing a route for potentially life-saving technologies such as gene editing to be ethically tested in humans for the first time.

The partnership with *Aeon* enables Centre members to post longer, reflective pieces for a public audience. Rebecca Brown's piece, 'Philosophy can make the previously unthinkable thinkable' was the most-read on *Aeon's* platform in the week it was published, with 15,614 views that week, rising to 36,206 at the time of going to press. The partnership with *The Conversation* focusses on more current affairs. Through both of these routes, our staff have access to professional editors and their insight into writing accessibly for a public audience.

YouTube

Led by Research Fellow Katrien Devolder, the YouTube channel has modernised our public engagement platforms to provide the popular short video format. The channel enables us to provide short, accessible video introductions to our work, events, and practical ethics more generally. Videos with our Uehiro Lecturer, Richard Holton were viewed a further 1200 times, extending

the reach of the series. A professionally produced series on Derek Parfit's life and work featuring members of the Centre received over 11,000 views this year.

Podcast series

We continued to make all of our lectures available online through podcasts (speakers permitting), further developing the library of multimedia resources available on the Centre's website. We have received requests for these from the US Senate, and ABC radio in Australia, showing the international reach of these resources.



Uehiro Lecturer Richard Holton on the Centre's YouTube channel

66,706

readership of our 2018-19 Aeon partnership pieces

579,015

readership of our 2018-19 Conversation partnership pieces

546,283

readership of Practical Ethics in the News

1,189,004

Total readership this year

YouTube channel ▶

1.6k

subscribers

97,275

views of the YouTube channel to date

25

videos on YouTube channel this year

59

videos since debut 3 years ago

Practical Ethics in the News Blog

Over

3.5 million

practical ethics in the news readers

iTunes

6,097

downloads of our lectures this year.

The Conversation:

- **This year:** Dominic Wilkinson ranked as 2nd most read author this year (out of 557 authors) with his article "*Should Vegans Avoid Avocados and Almonds?*" (394,212 reads)
- **This year:** 2 authors in the top 10 (Dominic Wilkinson and Julian Savulescu) 5 in the top 100 (Dominic Wilkinson, Julian Savulescu, Mackenzie Graham, Nadira Faber and Thomas Douglas)
- **All time:** over 1 million reads of current Uehiro Funded staff's articles.
- **All time:** Dominic Wilkinson and Julian Savulescu are in the top 20 authors.

Julian Savulescu's Press Release on the Gene-Edited Babies

Chinese researcher He Jiankui of Shenzhen claims to have gene edited two healthy embryos, resulting in the birth of baby girls born this month, Lulu and Nana. He edited a gene to make the babies resistant to HIV. One girl has both copies of the gene modified while the other has only one (making her still susceptible to HIV).

If true, this experiment is monstrous. The embryos were healthy. No known diseases. Gene editing itself is experimental and is still associated with off-target mutations, capable of causing genetic problems early and later in life, including the development of cancer. There are many effective ways to prevent HIV in healthy individuals: for example, protected sex. And there are effective treatments if one does contract it.

This experiment exposes healthy normal children to risks of gene editing for no real necessary benefit.

It contravenes decades on ethical consensus and guidelines on the protection of human participants in research.

In many other places in the world, this would be illegal punishable by imprisonment.

Could gene editing ever be ethical? If the science progressed in the future and off target mutations reduced to acceptable and accurately measurable level, it might be reasonable to consider first-in-human trials (with appropriate safeguards and thorough ethics review) in one category of embryos: those with otherwise lethal catastrophic genetic mutations who are certain to die. Gene editing for this group might be life-saving; for these current babies, it is only life-risking.

These healthy babies are being used as genetic guinea pigs. This is genetic Russian Roulette.

Media

The Oxford Uehiro Centre for Practical Ethics places great importance on engagement with broadcasting and media as a platform for wider public engagement. Whereas our own public engagement platforms offer the ability to engage in-depth with the Centre's research, national and international media engagement enables us to reach audiences who may not be currently engaged in ethical debate.

Television

Research Fellow Jonathan Pugh appeared on BBC TV's 'The Big Questions' debate show on Sunday talking about 'designer babies' as part of a panel. Hosted by Nicky Campbell, this BBC One show is filmed live in front of an audience who have the opportunity to question panellists. Earlier in the year, Julian Savulescu appeared in *The Big Questions*' show on doping in sport

Taking on a comedy format, Uehiro Chair Julian Savulescu appeared on Australian Broadcasting Corporation's show *Tomorrow Tonight*. The show presented futuristic scenarios for a lively and fun discussion blended with ethical insights. It was watched by 567,000 people, won its timeslot and was the 14th highest rating show for the whole evening. On social media #TomorrowTonight appeared in the top 5 Australian twitter trends.

Head of Medical Ethics Dominic Wilkinson appeared on *Sky News*, *ITV This Morning*, *Channel 4 News*, *BBC 1 News*, *BBC television Victoria Derbyshire Programme*. He was

a consultant for BBC drama programme *Holby City* giving advice on a storyline built around ethical dilemmas arising from conflict over medical decisions.

This year, Julian Savulescu also appeared on national television news in Australia, France, and Turkey.

Radio

The BBC's Moral Maze will celebrate its 30th anniversary next year. The show investigates current issues and their ethical implications through a series of expert interviews. Julian Savulescu appeared on the show twice this year, on the role of empathy in moral panics, and on conscientious objection.

Deputy Director Hannah Maslen appeared on ABC radio's *All in the Mind*, an Australian programme about the brain and behaviour, and the fascinating connections between them, discussing neuroprosthetic technology. She also appeared in a special BBC programme on the role of

remorse in the criminal justice system.

Julian Savulescu also appeared on Australian and Canadian radio news, and other centre members appeared on a range of national and local radio.

Print media

Julian Savulescu was quoted in over 1000 international print venues in 73 different countries following the news of the birth of two gene edited babies in China, quoting his ethical assessment of the experiment as the facts were known. In addition to quotes of the press release, he also gave an in-depth interview to Chinese newspaper *Jiemian News*, discussing the ethics of the case in more detail.

Dominic Wilkinson discussed the ethics of decision-making at the end of life for babies where parents and doctors disagree over the best care with international media including the *New York Times*, *Daily Express*, *The Independent*, *The Times*, *The Sunday Times*, *Vox media*, *CNN*, *The Observer*, *Crux News*, *Guardian newspaper*, *Dziennik Gazeta Prawna* (Polish), *Daily Telegraph*.

1144

The number of Media Appearances by Uehiro Funded staff this year

Dr Hazem Zohny published an article on neurointervention in *Aeon*, and in *Slate* on white collar crime. Dr Carissa Veliz published opinion pieces on data and privacy on the front page of *El Pais*, the most widely-read Spanish newspaper worldwide, in the Spanish version of the *New York Times*, and in *Slate*. Hosted researcher Dr Rebecca Brown achieved the highest-read *Aeon* article the week her piece, *Philosophy Can Make the Previously Unthinkable Thinkable*, was published.



Julian Savulescu in discussion with fellow panellists on ABC's Tomorrow Tonight

International Research Environment

The Centre maintained an international research environment for staff and students through welcoming a series of internationally renowned speakers to the Centre. We also maintain an active visitor programme. The Centre's staff maintain an international profile in the research community, presenting their research worldwide.

Selected Named Lectures

Uehiro Fellow Roger Crisp was the 2018 Lindley Lecture at the University of Kansas. Past lecturers include Derek Parfit, Amartya Sen, Bernard Williams, Hilary Putnam, and Paul Ricoeur.

Selected Lectures to Scientific and Clinical Organisations

Julian Savulescu presented keynotes at a series of leading scientific and clinical annual conferences, including the Australian Academy for Medical and Health Sciences. Adam Shriver presented at WHO Baltic States.

Selected Academic Events

Janet Radcliffe-Richards, Julian Savulescu, Ingmar Persson, and Roger Crisp presented at the Parfit conference in May 2018, exploring the impact of Parfit's work on the academic world. Other presentations include the International Society for Utilitarianism Studies conference in

Karlsruhe (Persson), the International Neuroethics Society (Pugh), the Brocher Foundation (Douglas), and many more. An annual highlight is the Uehiro-Carnegie-Oxford Conference, in New York in 2018

Selected Major Public Lectures

Roger Crisp interviewed Martha Nussbaum in Oxford last November, on her new book, *The Monarchy of Fear*, as part of the Oxford Think Festival. Deputy Director Hannah Maslen gave a public talk on BCIs in Melbourne: entitled 'Brave New Brains', at the State Library Victoria, Melbourne, Australia: 27th August 2018.

Speaker Programme

Major international speakers hosted this year at the Centre include Professor Allen Buchanan (Duke University) and Dr Russell Powell (Boston University) who launched their book worldwide at Oxford with Julian Savulescu, Russell Powell and others commenting. Professor Hank



Dr. Adam Shriver at a World Health Organisation event



Professor Allen Buchanan presenting



Professor Roger Crisp gives the 2018 Linley Lectures

Greely presented as part of a major event on brain organoids co-organised with the International Neuroethics Society. Other major speakers included Professor John Harris, Professor Bill Fulford, and many others.

Lisa Forsberg (British Academy Postdoctoral Fellow, Oxford Uehiro Centre for Practical Ethics and Faculty of Law) and Anthony Skelton (Western Ontario) organised a one-day symposium on David Brink's book manuscript *Fair Opportunity, Responsibility, and Excuse* at Somerville College, Oxford on 20 March 2019. The symposium featured ten commentaries by scholars working in Law and in Philosophy, including (from Oxford) Jeff McMahan, Tom Douglas, Janet Radcliffe-Richards, Karen Margrethe Nielsen, Gabriel De Marco, Alex Kaiserman, and Gabrielle Watson, and Victor Tadros (Warwick), Tom Dougherty (Cambridge) and David Prendergast (Trinity College Dublin). David Brink (UCSD) replied to each commentary. Fifteen other scholars working in law and philosophy, from a range of career stages, were in attendance, and contributed to an active and vibrant discussion on a range of issues, including the nature of responsibility, excuse, and duress and the implications of various conceptions of these on criminal law practices. The event was funded by The Faculties of Philosophy and of Law and the Rotman Institute of Philosophy at the University of Western Ontario.



Professor Hank Greely presenting

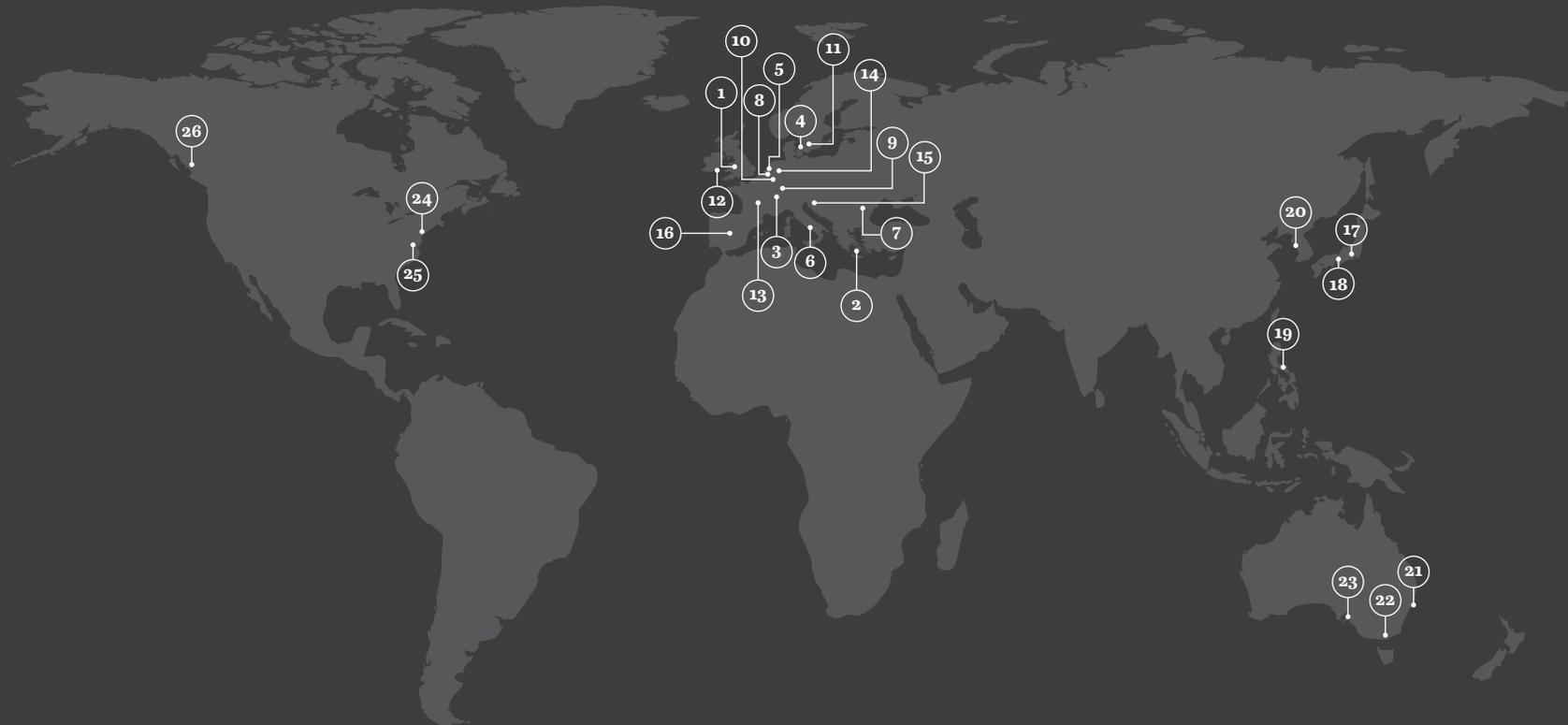


John Harris presenting



Speakers at Lisa Forsberg's Symposium

Presentations



UK

1. Manchester; Oxford; Bristol; Edinburgh; London; Liverpool; Cambridge; Warwick

Europe

2. Athens, Greece
3. Geneva, Switzerland
4. Copenhagen, Denmark
5. Amsterdam, Holland
6. Milan, Italy
7. Bucharest, Romania
8. Utrecht, Netherlands

9. Karlsruhe, Germany
10. Wageningen, Netherlands
11. Lund, Sweden
12. Dublin, Ireland
13. Paris, France
14. Münster, Germany
15. Rijeka, Croatia
16. Madrid, Spain

Asia

17. Tokyo, Japan
18. Kyoto, Japan
19. Manila, Philippines
20. Seoul, Korea

Australasia

21. Sydney, Australia
22. Melbourne, Australia
23. Adelaide, Australia

US, Canada and South America

24. New York, USA
25. Washington, USA
26. Vancouver, Canada

Our work has been translated into the following languages to date:

(Uehiro- funded Staff)



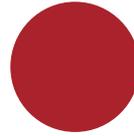
Chinese



German



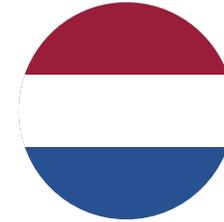
Italian



Japanese



Korean



Dutch



Greek



Polish



Portugese



Romanian



Russian



Serbian



Spanish

Service/Committees:

Learned Societies and Journals

Editor-in-Chief, *Neuroethics*
(Hannah Maslen)

Editor-in-Chief, *Journal of Practical Ethics* (Thomas Douglas)

Senior Advisory Editors, *Journal of Practical Ethics* (Julian Savulescu and Roger Crisp)

Section Editor (Bioethical Issues), and co-editor of bioethics column, *Journal of Law and Medicine* (Julian Savulescu)

Editorship, *Journal of Medical Ethics* (Julian Savulescu, Dominic Wilkinson, Thomas Douglas)

Associate Editorship, *Journal of Practical Ethics* (Dominic Wilkinson, Guy Kahane, Hannah Maslen, Rebecca Brown)

Associate Editor *Utilitas* (Roger Crisp)

Consulting Editor (UK) *CBEL Report* (Julian Savulescu)

Membership, International Editorial Advisory Board, *Studies in Ethics, Law and Technology* (Thomas Douglas)

Subject Editor, *Moral Philosophy and Applied Ethics*, *Routledge Encyclopedia of Philosophy* (Roger Crisp)

Member of Oxford Philosophical Monographs Editorial Committee (Roger Crisp)

Member of Editorial Board *Ethics* (Roger Crisp)

Member of Editorial Board, *Conatus: Journal of Philosophy* (Julian Savulescu)

Member of Editorial Board, *Journal of Posthuman Studies: Philosophy, Technology, Media* (Julian Savulescu)

Member of Editorial Board, *American Journal of Bioethics* (Julian Savulescu)

Member of International Editorial Advisory Board, *Iris: European Journal of Philosophy and Public Debate* (Roger Crisp)

Member of International Advisory Board, *Oxford Handbook of Philosophy and Psychiatry* (Julian Savulescu)

Member of Advisory Board *International Journal of Well-Being* (Roger Crisp)

Member of Advisory Council, *Journal of Political Theory and Philosophy* (Roger Crisp)

Funding Bodies

Membership of Wellcome Trust Society and Ethics Fellowships Interview Committee (Thomas Douglas)

Special Interest Groups and Working Groups

Commissioner on the *Vatican-Lancet-Mario Negri Commission on the Value of Life* (Dominic Wilkinson)

Board member *Global Applied Ethics Institute* (Julian Savulescu)

Internal Ethical Advisory Board, European Research Infrastructures for Poverty Related Diseases (Julian Savulescu)

Elected Member, Executive Committee, *Society for Applied Philosophy* (Thomas Douglas)

Member of Senior Advisory Board, *Medical Ethics and Debating Society* (Julian Savulescu)

Membership of Analysis Committee, *Analysis Trust* (Guy Kahane)

Member of International Advisory Board, *Genomics in Society Project* (Julian Savulescu)

Member of International Advisory Board, *Ice Age: Entangled Lives, Times and Ethics in Gertility Preservation* (Julian Savulescu)

Membership of Scientific Committee, *Geneva Centre for Philanthropy and Disability*, University of Geneva (Guy Kahane)

Membership of the *Society for Philosophy*

and Disability (Guy Kahane)

Membership of the *Society for Personality and Social Psychology* (Guy Kahane)

Membership of the *International Neuroethics Society Programme Committee* (Hannah Maslen)

Membership of the Ethics Advisory Board for the *Human Brain Project* (Hannah Maslen)

Membership of the Ethics and Regulatory Advisory Board for *2-D Health Project* (Hannah Maslen)

Member of the '*Horizon Scanning Special Interest Group of the European Commission's New and Emerging Technologies Working Group*' (Hannah Maslen)

Member of Council and Trustee of *Royal Institute of Philosophy* (Roger Crisp)

Member of Steering Committee, *European Society for Moral Philosophy* (Roger Crisp)

Supporting Research Programmes

Membership, Research Committee, Faculty of Philosophy, University of Oxford (Thomas Douglas)

Membership of Ethics Thematic Group, League of European Research

Universities (Thomas Douglas)

External Membership of Centre for the Study of Bioethics, University of Belgrade (Thomas Douglas)

Associated Researcher, Climate Change and Future Generations, Riksbankens Jubileumsfond Funded Research Project (Julian Savulescu)

University

Humanities representative on Central University Research Ethics Committee (Guy Kahane)

Membership of Course Committee, MSt in Practical Ethics, Faculty of Philosophy/ Department of Continuing Education, University of Oxford (Guy Kahane)

Membership of Graduate Standing Committee, Faculty of Philosophy, University of Oxford (Guy Kahane)

Membership of Finance and Management Committee, Oxford Uehiro Centre for Practical Ethics, University of Oxford (Guy Kahane and Roger Crisp (chair))

Membership of Pembroke College governing body (Guy Kahane)

Membership of Pembroke College communications working group (Guy Kahane)

Police

Lay-member of Thames Valley Police Complaints, Integrity and Ethics Panel (Hannah Maslen)

Teaching on National Strategic Command Course for Senior Police Officers, and for Police Service of Northern Ireland (Hannah Maslen)

Culture

Philosophy consultant for Scriptwriters BBC drama 'Holby City' (Dominic Wilkinson)

Philosophy consultant, BBC drama 'Ferry Hill' (David Edmonds)

Healthcare

Member of the BOOST4B Ethics Advisory Board (Dominic Wilkinson)

Member of **International Advisory Panel for "International Centre in Geriatric Forensic Medicine and Nursing"**, Monash University, Australia (Julian Savulescu)

Member of **International Network Of Humanistic Doping Research**. Department of Public health, Aarhus University. (Julian Savulescu)

Ethics Advisor, **International Society for Gastrointestinal Hereditary Tumours mutation databases** (Julian Savulescu)

Selected media outlets this year:

(Uehiro-funded Staff)

THE SUNDAY TIMES

BBC
THREE COUNTIES
RADIO

YouTube

THE TIMES

ABC

TheObserver

aeon

THE CONVERSATION

CRUX
Taking the Catholic Pulse

Philosophy
24/7

BBC
RADIO 4

ANIMAL
POLITICO

Prospect

RADIO PUBLIC

BBC

itv

4

SLATE

mandagmorgen

BBC

The Daily Telegraph

Express
& Star

Quora

DAILY EXPRESS

DZIENNIK
GAZETA PRAWNA

THE
LANCET

the guardian
Science Weekly

CNN

NAUTILUS

EL PAÍS

BBC
RADIO Scotland

sky NEWS

The
Guardian

talkRADIO

The INDEPENDENT

LBC
LONDON
NEWS 1152-44

The New York Times

PHILOSOPHY
BITES

Vox

Medscape

Team

Director

Professor Julian Savulescu

Deputy Director

Dr Hannah Maslen

Director of Studies

Associate Professor Guy Kahane

Director of Research and Development

Dr Thomas Douglas

Director of Medical Ethics

Professor Dominic Wilkinson

Funded Research Fellows

Dr Brian Earp (part-time)

Dr Nadira Faber

Dr MacKenzie Graham (0.5 FTE,
partly externally funded)

Dr Doug McConnell (partly externally
funded)

Dr César Palacios-González (0.5 FTE,
partly funded through MST)

Dr Adam Shriver (0.5 FTE, partly
externally funded)

Dr Carissa Veliz (0.5 FTE, partly externally
funded)

Dr Hazem Zohny (0.5 FTE,
partly externally funded)

Hosted Research Fellows

Dr Rebecca Brown

Dr Stephen Clarke

Dr Ben Davies

Dr Gabriel De Marco

Dr Katrien Devolder

Dr Lisa Forsberg

Dr Alberto Giubilini

Professor Neil Levy

Professor Seumas Miller (part-time)

Dr Jonathan Pugh

Dr Stephen Rainey

Dr Michael Robillard

Administration

Rachel Gaminiratne (part-time)

Deborah Sheehan (part-time)

Rocci Wilkinson (part-time)

Miriam Wood

