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POSITIONS

Assistant Professor , Department of Philosophy University of Rochester	2020 – Present
Assistant Director (Academic Affairs) , Graduate Education and Postdoctoral Affairs University of Rochester	2019 – Present
Lecturer , Department of Philosophy University of Rochester	2019 – 2020
Assistant Professor , Department of Philosophy Kansas State University	2014 – 2019
Research Fellow , Medicine, Ethics, Society & History Unit University of Birmingham, UK	2012 – 2013
Executive Officer , National Centre for Biosecurity University of Sydney/Australian National University	2008 – 2010

PEER-REVIEWED PUBLICATIONS

1. 'Social Risks of Science' (w/ S Tanona)
Hastings Center Report (forthcoming)
2. 'Measuring Fairness in an Unfair World'
Proceedings of the ACM Conference on AI, Ethics and Society '20 (Feb 2020): 286–292
3. 'Agent-Based Models of Dual-Use Research Restrictions' (w/ Elliot Wagner)
British Journal of Philosophy of Science (forthcoming, online 2 April 2019)
4. 'Measuring the Biases that Matter: Ethical and Causal Foundations of Measures of Algorithmic Fairness' (w/ B Glymour)
Proceedings of the ACM Conference on Fairness, Accountability and Transparency' 19 (Jan 2019): 269–278
5. 'The Contribution of Security to Well-being'
Journal of Ethics and Social Philosophy (2019), 14 (3): 179-203
6. 'Against the Autonomy Argument for Mandatory GMO labelling'
Public Affairs Quarterly (2018), 32 (2): 85-117
7. 'Climate-related Insecurity, Loss and Damage'
Ethics, Policy & Environment (2017), 20 (2): 184-194
Commentary by K Mintz-Woo, 'Security and Distribution, or Should You Care About Merely Possible Losses?' *Ethics, Policy & Environment* (2018), 21 (3): 382-386
8. 'Health Security and Risk Aversion'
Bioethics (2016), 30(7): 479-489
9. 'The Concept of Security: Fear, Liberty, and the State'
Security: Dialogue across disciplines, (2015) ed. P. Bourbeau. Cambridge University Press: New York
10. 'Obesity, Liberty and Public Health Emergencies' (w/ A Dawson & H Draper)
Hasting Center Report (2014), 44 (6): 26-35
Commentary by L Gostin, 'Public Health Emergencies: What counts?' *Hasting Center Report* (2014), 44 (6): 36-37
11. 'The Limits of Global Health Diplomacy: Taiwan's observer status at the World Health Assembly' (w/ K Lee)
Globalization and Health (2014), 10 (1): 71
12. 'Live Liver Donation, Ethics and Practitioners' (w/ E Thomas, S Bramhall and H Draper)
Journal of Medical Ethics (2014), 40 (3): 157-162
13. 'The Concept of Security'
Ethics & Security Aspects of Infectious Disease Control (2012), eds. C Enemark & MJ Selgelid. Ashgate: Burlington
Reprinted in *Security Ethics* (2015), eds. K Hadjimatheou, J Guelke & T Sorell. Ashgate: Burlington
14. 'The Securitisation of Infectious Disease: International Norms and Domestic Politics in Asia' (w/ M Curley)
Review of International Studies (2011), 37 (1): 141-166
Reprinted in *Health Security and Governance* (2012), ed. N Thomas, Routledge: London

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15. 'Securitization of infectious diseases in Vietnam: the cases of HIV and avian influenza'
Health Policy and Planning (2010), 25 (6): 467-475

Working Papers

16. 'Algorithmic Injustice: Measuring Statistical Bias in an Unjust World'
17. 'Health Care Priority Setting and Individual Health Security'
18. 'The Concept of Emergency in the International Health Regulations (w/ A.M. Viens)
19. 'Justifying a Consumer Right to Know'
20. 'Security and Planning'

LETTERS, COMMENTARIES AND REVIEWS

- 'Security, Planning and Justice: A reply to Mintz-Woo'
Ethics, Policy & Environment (2018), 21 (3): 387-390 (Reply to K Mintz-Woo, 'Security and Distribution')
- 'What counts: Justifications, not labels' (w/ A Dawson & H Draper)
Hastings Center Report (2015), 45(2): 3 (Reply to L Gostin, 'Public Health Emergencies: What Counts?')
- 'Academic freedom and the professional responsibility of applied ethicists: a comment on Minerva' (w/ A Dawson)
Bioethics (2014), 28(4): 174-177
- 'Review of Global Public Health by Sara E. Davies'
Australian Journal of International Relations (2011), 65(4): 505-506.

CONFERENCE AND SEMINAR PAPERS

Invited Papers

- 'The Planning Argument for Universal Healthcare'
American Philosophical Association – Central Division Meeting, 20-23 February 2019
- 'Scientific Externalities'
Scientific Governance at the Ground Level, University of Cambridge, 29-30 January 2018
- 'Liberty, Fear and the State',
Security: a dialogue across disciplines, Universite de Namur, Belgium, 25-26 June 2014
- 'Securing and Promoting Population Health'
The Ethics of Health Security, University of Birmingham, United Kingdom, 10-11 June 2014
- 'Taiwan and the World Health Assembly.'
Building Global Health Diplomacy Research, National University of Singapore, Singapore, 4-5 July 2011
- 'Security without Emergencies: Global Public Health and Security as a Value'.
Risk, Perceptions of Risk and Transborder Infectious Diseases, University of Sheffield, UK, 24 September 2010
- 'Securitisation of infectious diseases in Vietnam: the cases of HIV and avian influenza'.
Unhealthy Governance: Securitising Infectious Diseases in Asia, Hong Kong University, Hong Kong, 21-22 May 2009
- 'Synthetic Genomics: International Governance of an Emerging Technology'.
S. Rajaratnam School of International Studies, Nanyang Technological University, Singapore, 14 January 2009

Refereed Conferences and Workshops

- 'Testing a framework for ethics and values in research with science faculty' (cancelled due to COVID-19)
10th Annual Values in Medicine, Science, and Technology Conference, 10-11 May 2020
- 'Measuring Fairness in an Unfair World'
ACM Conference on AI, Ethics and Society, -7-8 February 2020
- 'Algorithmic Injustice: Measuring Statistical Bias in an Unjust World'
Philosophical Issues in Research Ethics 2, University of Western Ontario, 8-9 November 2019
- 'Measuring the Biases that Matter: Ethical and Causal Foundations of Measures of Algorithmic Fairness (w/ B Glymour)
ACM Conference on Fairness, Accountability and Transparency, 29-30 January 2019
- 'A Dilemma for Efforts to Eliminate Discrimination in Algorithms'
Kansas Philosophical Society, 10 March 2018
- 'Healthcare and Planning'
American Philosophical Association – Central Division Meeting, 21-24 February 2018
- 'Health Emergencies, Resource Allocation and Individual Health Security'
Oxford Global Health and Bioethics International Conference, 17-18 July 2017

- 'Justifying a Consumer Right to Know'
Society for Applied Philosophy Conference, 1-2 Jul 2017
Zicklin Center Workshop on Normative Business Ethics, University of Pennsylvania, 17 March 2017
- 'Agent-Based Modelling of Dual Use Research Restrictions',
Philosophy of Science Association, 9-11 Nov 2016 (w/ E Wagner)
- 'Extreme Climate Risks and the Value of Security'
ESRC Workshop on Ethics and Economics of Climate Change, London School of Economics, 13-15 September 2016
- 'Against the Right to Know'
Australasian Association of Philosophy Conference, 3-7 Jul 2016
Rocky Mountain Ethics Congress, 11-14 Aug 2016
- 'The IHR & the Moral Status of Emergencies',
Oxford Global Health and Bioethics Conference, 28-29 Sept 2015
- 'Climate Vulnerability and The Value of Security',
2nd Workshop on Ethics and Adaptation, 8-9 May 2015
- 'Consequentialism and Risk', (Poster Presentation)
Rocky Mountain Ethics Congress, 8-10 Aug 2014
- 'Obesity, Liberty and Public Health Emergencies',
MANCEPT Workshops in Political Theory, 4-6 Sept 2013
- 'Value Theory and Conceptions of Security'
British International Studies Association Conference, 19-21 Jun 2013
International Studies Association Annual Convention, 1-4 Apr 2012
Australasian Association of Philosophy Conference, 3-8 Jul 2011 ('Moral Foundations of Conceptions of Security')
- 'The Concept of Security as Reliability',
International Studies Association, 1-4 Apr 2012
- 'Security without Emergencies'
International Studies Association, 16-19 Mar 2011
- 'Security and the anatomy of value'
7th Pan-European International Relations Conference, 9-11 Sept 2010

Departmental Seminars

- 'Algorithmic Injustice: Measuring Statistical Bias in an Unjust World' (cancelled due to COVID-19)
Department of Philosophy, University of Rochester, 20 March 2020
- 'Risk Attitudes and Research of Concern'
Centre for Study of Existential Risk, University of Cambridge, 1 August 2017
- 'Health Emergencies, Resource Allocation and Individual Health Security'
Centre for Study of Existential Risk, University of Cambridge, 31 July 2017
- 'Against the Autonomy Argument for a GMO Right to Know.'
 - Department of Philosophy, University of Idaho, 7 February 2017
 - Department of Philosophy, University of Kansas, 3 October 2016
 - Centre for Ethics, Values and Law in Medicine, University of Sydney, 21 September 2015
- 'The Prudential Value of Security'
 - School of Philosophy, Australian National University, 19 June 2016
 - Department of Philosophy, Monash University, 24 June 2016
- 'Health Security and Population Health.'
 - Department of Philosophy, Kansas State University, 28 February 2014
 - Medicine, Ethics, Society and History, University of Birmingham, 28 May 2013
- 'Holding Goods Securely.'
School of Philosophy, Australian National University, Canberra, 6 March 2012
- 'Security and Essential Contestability',
Australian National University, Canberra, 17 August 2011
- 'Security without Emergencies: Global Public Health and Security as a Value.'
 - Department of Public Health Policy, London School of Hygiene and Tropical Medicine, London, 19 November 2010.
 - School of International Politics, University of Aberystwyth, Wales, 26 September 2010

RESEARCH FUNDING

Funded

- 'Exploring creative design at the human-technology frontier through the emerging "artist-technologist" occupation', *National Science Foundation* **2020-2021**
\$150,000 over 1.5 years (Senior Personnel – co-Lead Equity Team – 5% effort).
- 'AI and Human Values', *CCNY Humanities Corridor* **2020**
\$4000 w/ top from UR (PI w/ Johannes Himmelreich, Jens Kipper)
- 'Developing a Value Literate Culture in the Sciences', *National Science Foundation* **2019-2022**
\$354,264 over 3 years (Co-PI w/ Scott Tanona, J.T. Laverty).
- 'The Social Risks of Science', *Munson-Simu Faculty Star Award - Kansas State Foundation* **2017-2019**
\$100,000 over 5 years (relinquished during move to Rochester)
- "Public Health Emergencies and Health Security", *Brocher Foundation* **2017**
1 month residential fellowship, Geneva, July 2017
- Faculty Development Award, *Kansas State University*, \$2020 **2016**
- Centre of Excellence in Unmanned Aerial Systems, *Federal Aviation Authority* **2015**
Co-Investigator, focusing on privacy and ethics training, for multi-institutional CoE.
- 'Ethics of Health Security', *Economic and Social Research Council Seminar Series* **2014**
£5,000 GBP for policy workshop
- Visiting Research Fellowship, *Brocher Foundation* **2013**
3 month residential fellowship, Geneva (declined for Birmingham post)
- Discovery Postgraduate Scholarship, *Australian Research Council* **2009-2012**
\$27,000 AUD per year for 3 years (competitively awarded)
- International Program Development Award, *University of Sydney* **2009**
\$20,000 AUD for collaboration with Nanyang Technological University

Applied (Under Review)

- 'Theory and Practice of AI-Augmented Learning for All', *National Science Foundation* **2020-2021**
\$500,000 over 1.5 years (Senior Personnel – Ethics Team).
- 'Building Capacity for Cross-disciplinary Research on Future of Work at the Human-Technology Frontier' *University of Rochester Research Award* **2020**
\$75,000 over 1 year (Senior Personnel – Ethics Team).

Applied (Not Funded)

- 'EAGER: The Ethical Foundations of Measures of AI Bias', *National Science Foundation* **2019**
\$300,000 over 2 years (Co-PI w/ Bruce Glymour, William Hsu).
- 'The Social Epistemology of Dual-Use Research', *National Science Foundation* **2015, 2016, 2017**
\$280,372 USD for 2 year project (Co-PI w/ Elliott Wagner).
- 'Community Values and the Regulation of High Risk Research', *Greenwall Foundation* **2016**
\$130,000 USD for 3 year project (50% of salary + benefits)
- Caroline Miles Visiting Scholarship, *University of Oxford* **2015**
- 'The Ethics of Securitization', *Economic and Social Research Council* **2014**
£20,000 GBP to Kansas State over 2 years (Co-investigator w/ R Floyd, R Freedman)

AWARDS

- Nominee for "Commerce Bank Outstanding Teaching" (by peer), Kansas State University **2017**
- Nominee for "Stamey Award for Undergraduate Teaching" (by peer), Kansas State University **2016**
- Nominee for "K-State Professor of the Year" (by student), Kansas State University **2016**
- Graduate Teaching Program (with merit), Australian National University **2010**
- Cleary Memorial Prize (top Honours thesis), University of Queensland **2007**

EDUCATION

- Ph.D. in Moral and Political Philosophy** **2013**
Australian National University
Thesis: "The Concept of Security: Uncertainty, Evidence and Value"
Supervisors: Michael Selgelid (Monash), Christian Enemark (ANU), Nicholas Southwood (ANU)
Examiners: Philip Pettit (Princeton), Per Sandin (SLU)
- B.A. (1st Class Honours) in International Relations** **2007**
University of Queensland
Thesis: "The Securitization of Avian Influenza in Vietnam and Indonesia"
- B.A./B.Sc. in Philosophy and Microbiology** **2006**
University of Queensland
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TEACHING

Introductory-Level

Introduction to Moral Philosophy (PHILO 130)	2014, 2016, 2017, 2018, 2019
Introduction to Philosophy of Law (PHILO 160)	2014, 2015, 2016, 2017
Introduction to Philosophy (PHILO 100)	2016
Honors Introduction to Moral Philosophy (PHILO 230)	2015

Upper-level

Data, Algorithms and Justice (PHL 235/435)	2020
Philosophy of Sex and Love (PHILO 332)	2016, 2017, 2018
Social and Political Philosophy (PHILO 335)	2015, 2016
Philosophy of Law: Dignity & Privacy (PHILO 535)	2015
Philosophy of Law: Discrimination (PHILO 535)	2019
Ethics: Consequentialism & Wellbeing (PHILO 585)	2014

PROFESSIONAL SERVICE

University Service

- Library Liaison, Philosophy, Kansas State University (2018 – present)
- Philosophy Seminar Series Coordinator, Kansas State University (2015-present)
- Humanities Career Collective, Kansas State University

Peer Reviewer

- *Ethics, Policy & Environment* (2017, 2018)
- *Journal of Medical Ethics* (2014, 2017)
- *Monash Bioethics Review* (2017, 2018)
- *Public Health Ethics* (2013, 2014, 2016, 2017)
- *Science and Engineering Ethics* (2017)
- *Medicine, Healthcare and Philosophy* (2016)
- Central Plains Philosophy Conference (2015)
- *Journal of Political Philosophy* (2015)
- Springer Publishing (edited collection, 2015)
- *Third World Quarterly* (2015)
- Kansas Philosophical Society (2014)
- *Review of International Studies* (2013)

Grant Review

- Future Research Leaders, *Economic and Social Research Council, UK* (2016)