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POSITIONS

Assistant Professor , Department of Health Humanities and Bioethics University of Rochester	2022 – Present
Assistant Professor (secondary) , Department of Philosophy Faculty Affiliate , Goergen Institute of Data Science Core Investigator , Office of Health Equity Research	2023 – Present 2020 – Present 2022 – Present
Assistant Professor Department of Philosophy, University of Rochester	2020 – 2022
Assistant Director (Academic Affairs) Graduate Education and Postdoctoral Affairs and Philosophy, University of Rochester	2019 – 2022
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 (* = equal author)

1. '[Ventilation during COVID-19 in a school for students with intellectual and developmental disabilities \(IDD\).](#)'
Zand MS, Spallina S, Ross A, Zandi K, Pawlowski A, Seplaki CL, **Herington J**, Corbett AM, Kaukeinen K, Holden-Wiltse J, Freedman EG, Alcantara L, Li D, Cameron A, Beaumont N, Dozier A, Dewhurst S, Foxe JJ.
PLoS One (2024). 19(4): e0291840
2. '[Expanding the Role of Justice in Secondary Research with Digital Psychological Data](#)'
Herington J, Li K, Pisani A
American Psychologist (2024), 79 (1): 123–136
▪ Editor's Choice award (awarded to one article per issue that is "outstanding, noteworthy, and impactful for the field")
3. '[Ethical Imperatives and Challenges of Working with Diverse Populations in Digital Research](#)'
Herington J, Connelly K, Illes J.
Journal of Medical Internet Research (JMIR) (2023), 25:e47884
4. '[Ethical Considerations for Artificial Intelligence in Medical Imaging: Data Collection, Development and Evaluation](#)'
Herington J, McCradden MD, Creel K, Boellaard R, Jones EC, Prabhat KC, Jha AK, Rahmim A, Scott PJH, Sunderland JJ, Wahl RL, Zuehlsdorff S, Saboury B.
Journal of Nuclear Medicine (2023), 64 (12) 1848-1854
5. '[Ethical Considerations for Artificial Intelligence in Medical Imaging: Deployment and Governance](#)'
Herington J, McCradden MD, Creel K, Boellaard R, Jones EC, Prabhat KC, Jha AK, Rahmim A, Scott PJH, Sunderland JJ, Wahl RL, Zuehlsdorff S, Saboury B.
Journal of Nuclear Medicine (2023), 64(10): 1509-1515
6. '[How Do Scientists Perceive the Relationship Between Ethics and Science? A pilot study of scientists' appeals to values](#)'
Linville C, Cairns AC, Garcia T, Bridges B, **Herington J**, Laverty JT, and Tanona S,
Science and Engineering Ethics (2023), 29 (15)
7. '[The Ethics of Implementing Emergency Resource Allocation Protocols](#)'
Dees R*, **Herington J***, Shand JC, Chiafery M, Ching C-L, D'Angio C, Shaw MH
Journal of Clinical Ethics (2023), 34 (1): 58-68
8. '[Examining Physicists' Ethical Reasoning: A New Methodology](#)'
Garcia T, Solis C, Linville C, Bridges B, Jones W, **Herington J**, Tanona S, and Laverty JT,
Proceedings of the Physics Education Research Conference '22 (2022): 200-205

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9. [‘A phenomenographic study of scientists’ beliefs about the causes of research misconduct’](#)
Cairns AC, Linville C, Garcia T, Bridges B, Tanona S, **Herington J** and Laverty JT,
Research Ethics (2021), 17 (4): 501-521
 10. [‘Agent-Based Models of Dual-Use Research Restrictions’](#)
Wagner E* and **Herington J***,
British Journal of Philosophy of Science (2021), 72 (2): 377-399
 11. [‘The Social Risks of Science’](#)
Herington J* and Tanona S*,
Hastings Center Report (2020), 50 (6): 27-38
 - Commentary by Venkatapuram S, [‘Health Research and Social Justice Philosophy’](#) *Hastings Center Report* (2020), 50 (6): 39-40
 - Commentary by Resnik D, [‘Public Engagement and the Social Risks of Science’](#) *Hastings Center Report* (2021), 51 (2): 41-42
 12. [‘Measuring Fairness in an Unfair World’](#)
Herington J,
Proceedings of the ACM Conference on AI, Ethics and Society '20 (2020): 286–292
 13. [‘Measuring the Biases that Matter: Ethical & Causal Foundations of Measures of Algorithmic Fairness’](#)
Glymour B* & **Herington J***,
Proceedings of the ACM Conference on Fairness, Accountability and Transparency' 19 (2019): 269–278
 14. [‘The Contribution of Security to Well-being’](#)
Herington J,
Journal of Ethics and Social Philosophy (2019), 14 (3): 179-203
 15. [‘Against the Autonomy Argument for Mandatory GMO labeling’](#)
Herington J
Public Affairs Quarterly (2018), 32 (2): 85-117
 16. [‘Climate-related Insecurity, Loss and Damage’](#)
Herington J
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
 17. [‘Health Security and Risk Aversion’](#)
Herington J
Bioethics (2016), 30(7): 479-489
 18. [‘The Concept of Security: Fear, Liberty, and the State’](#)
Herington J
Security: Dialogue across disciplines, (2015) ed. P. Bourbeau. Cambridge University Press: New York
 19. [‘Obesity, Liberty and Public Health Emergencies’](#)
Herington J, Dawson A, Draper H
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
 20. [‘The Limits of Global Health Diplomacy: Taiwan’s observer status at the World Health Assembly’](#)
Herington J & Lee K
Globalization and Health (2014), 10 (1): 71
 21. [‘Live Liver Donation, Ethics and Practitioners’](#)
Thomas E, Bramhall S, **Herington J**, H Draper
Journal of Medical Ethics (2014), 40 (3): 157-162
 22. [‘The Concept of Security’](#)
Herington J
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
 23. [‘The securitisation of avian influenza: International discourses and domestic politics in Asia’](#)
Curley M* & **Herington J***
Review of International Studies (2011), 37 (1): 141-166
 - Reprinted in *Health Security and Governance* (2012), ed. N Thomas, Routledge: London
 24. [‘Securitization of infectious diseases in Vietnam: the cases of HIV and avian influenza’](#)
Herington J
Health Policy and Planning (2010), 25 (6): 467-475

Under Review

25. 'Doing Justice: Ethical Considerations in Identifying and Researching Transgender and Gender Diverse People in Insurance Claims Data'
Babbs G, Alpert A, Hughes L, Sanaeikia R, Ellison J, **Herington J** & Dembroff R.
Journal of Medical Systems
26. 'The Effect of Value-Focused Discussions on Scientists' Ethical Decision Making'
Garcia T, Solis C, Linville C, Bridges B, Jones W, Tanona S, **Herington J**, and Lavery JT,
Phys Rev. – Physics Education Research [PrePrint: [arXiv:2401.06292](https://arxiv.org/abs/2401.06292)]
27. 'A justice-first approach to ambient intelligence in healthcare'
Herington J & Cho M
American Journal of Bioethics
28. 'Investigating Ethical Tradeoffs in Crisis Standards of Care through Simulation of Ventilator Allocation Protocols'
Herington J, Shand J, Holden-Wiltse J, Corbett A, Shaw M, Cai X, Zand M.
PLOS One. [PrePrint: [medXriv:2024.03.10.24304058](https://medrxiv.org/lookup/doi/10.24304/058)]

Working Papers

29. 'Censuring chemical data to mitigate dual use risk'
Campbell Q, **Herington J**, White A.
[arXiv:2304.10510](https://arxiv.org/abs/2304.10510) [PrePrint].
30. 'Agent Based Modeling of COVID-19 Infection Dynamics in a School for Intellectually and Developmentally Disabled Students: A tool for investigation of policy scenarios and planning.'
CL Seplaki, LK Kreuger, A Pawlowski, A Ross, S Spallina, A Corbett, K Kaukeinen, **J Herington**, K Zandi, E Freedman, S Dewhurst, JJ Foxe, MS Zand.
31. 'The Wellbeing of School Staff during the COVID-19 Pandemic in the Setting of a School of Intellectually and Developmentally Disabled Children'
Herington J, Li D, Fear K, Holden-Wiltse J, Corbett A, Zandi K, Spallina S, Zand M, Dewhurst S, Foxe J, Dozier A
32. 'Investigating Epistemic Frames in Value-Focused Discussions among Faculty'
Bridges B, Garcia T, Solis C, Jones W, Linville C, Tanona S, **Herington J**, and Lavery JT

LETTERS, COMMENTARIES AND REVIEWS

- '[Parrots at the Bedside: Making Surrogate Decisions with Stochastic Strangers.](#)'
Herington J and Kluger B
American Journal of Bioethics (2024), 24 (7):
- '[Against the equality of moral spheres in healthcare.](#)'
Herington J and LF Ross
American Journal of Bioethics (2023), 23 (12): 23-25
 - Commentary on S Doernberg & R Truog, 'Spheres of Morality: The Ethical Codes of the Medical Profession'
- '[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](#)'
Herington J, Dawson A & Draper H
Hasting 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](#)'
Herington J and Dawson A
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/Talks

- 'Responsible Science in a Non-Ideal World'
APPE-NASEM National Dialogue on the State of Research Ethics Education, November 8-9, 2023
- 'Ethical Risks of Generative AI'
2023 Western New York Image and Signal Processing Workshop, Nov 3, Rochester Institute of Technology
- 'The Ethical Imperative and Challenges of Working with Diverse Populations in Digital Research'
PRIMR Workshop: Impact of Ubiquitous Digital Technologies on Research Ethics, February 22, 2023

- 'Review of Third-Party Research Risks: Is There a Role for IRBs?'
Office of Human Research Protections (OHRP) Exploratory Workshop, September 24, 2021
- '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

- 'Agent Based Modeling of COVID-19 Infection Dynamics in a School for Intellectually and Developmentally Disabled Students: A tool for investigation of policy scenarios and planning.'
CL Seplaki, LK Kreuger, A Pawlowski, A Ross, S Spallina, A Corbett, K Kaukeinen, J Herington, K Zandi, E Freedman, S Dewhurst, JJ Foxe, MS Zand. Poster presentation at the
Annual Meeting of the American Public Health Association (APHA), November 13, 2023, Atlanta, GA.
- 'Quantitative Bioethics: The Promise and Challenges of Using Advanced Quantitative Methods in Empirical Bioethics'
25th Annual Conference of the American Society for Bioethics and Humanities (ASBH), 11-14 Oct 2023
- 'Non-Ideal Responsible Conduct of Research'
> *25th Annual Conference of the American Society for Bioethics and Humanities (ASBH)*, 11-14 Oct 2023
> *Research Integrity Scholars and Educators Pre-Conference Workshop - 31st Annual Association for Practical and Professional Ethics (APPE) International Conference*, 2-5 Mar 2023
- 'Can we save affective computing?'
31st Annual Association for Practical and Professional Ethics (APPE) International Conference, 2-5 Mar 2023
- 'Doing Justice to Bystander Risks in Research'
> *24th Annual Conference of the American Society for Bioethics and Humanities (ASBH)*, 26-30 Oct 2022
> *30th Annual Association for Practical and Professional Ethics (APPE) International Conference*, 24-26 Feb 2022
- 'Examining Physicists' Ethical Reasoning: A Case Study' (w/ T Garcia)
Physics Education Research Conference '22, 13-14 July 2022
- 'Identifying Epistemic Frames in Faculty Discourse Concerning Value-Laden Discussions around Ethics' (w/ B Bridges)
Physics Education Research Conference '22, 13-14 July 2022
- 'Ethical risks in the development & deployment of artificial intelligence systems in nuclear medicine' (w/ M McCradden)
Society for Nuclear Medicine and Medical Imaging Annual Conference, 11-14 June 2022
- 'A justice-first approach to ambient intelligence in healthcare' (w/ M Cho)
23rd Annual Conference of the American Society for Bioethics and Humanities (ASBH), 11-16 Oct 2021
- 'Scientists' beliefs about the causes of research misconduct' (w/ A Cairns, J.T. Laverty, S Tanona)
30th Annual Association for Practical and Professional Ethics (APPE) International Conference, 25-27 Feb 2021
- 'Science before ethics: Scientist's conceptions of the relationship between ethical and epistemic values' (w/ C Linville, J.T. Laverty, S Tanona)
30th Annual Association for Practical and Professional Ethics (APPE) International Conference, 25-27 Feb 2021
- '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
- 'The Social Risks of Science'
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

- 'Ethical Risks of Generative AI'
> Department of Computer Science, Kansas State University, 5 Oct 2023
- 'Quantifying Value Tradeoffs in Ventilator Allocation Under Crisis Standards of Care'
> Bioethics Grand Rounds, University of Rochester, 3 May 2023
- 'Can we save affective computing?'
> Workshop on AI and Human Values, University of Rochester, 26 April 2022
> Department of Philosophy, University of British Columbia, 15 March 2022
- 'Fairness Within and Without Algorithmic Systems'
> Department of Philosophy, University of Rochester, 6 November 2020
> Workshop on Algorithmic Ethics, University of Rochester, 10 May 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 (Current)

- PI (20% FTE): 'Collaborative Development of Ethical Report-Back Guidelines for Household Exposure Research' **2024-2028**
National Institute of Health – RFA-ES-23-006 (R01)
 \$1,572,032 over 4 years
 w/ K. Korfmacher, G. Adamkiewicz (Harvard), R. Dodson (Silent Spring), D. Jacobs (NCHH)
- Co-PI (5% FTE): 'Toward an Ecosystem of AI-powered Music Production (TEAMuP)' **2022-2025**
National Science Foundation – FW-HTF Program
 \$1,570,924 over 4 years
 w/ R. Borasi PI, Z. Duan, R Roberts, A Pardo - Northwestern)
- PI (0% FTE): 'AI and Human Values Working Group (ongoing)' *CCNY Humanities Corridor* **2020-2025**
 \$7000 annually
 w/ J Kipper, J Himmelreich (Syracuse), D Susser (Cornell)

Applied (Under Review)

- Co-I (20% FTE): 'University of Rochester Clinical and Translational Science Award' **2025-2032**
National Institute of Health – UM1
 \$27,852,500 over 7 years
 w/ M Zand and K Wilson
- Co-I (20% FTE): 'Community-Oriented Design and Ethics for Pediatric AI Resources (CODE-PAIR)' **2025-2027**
National Institute of Health – OTA-24-015
 \$3,000,000 over 2 years
 w/ S Volchenboum (Chicago) and L Ross
- Senior Personnel (5% FTE): 'STRONG-AI Institute' **2025-2030**
National Science Foundation – AI Institutes
 \$20,000,000 over 5 years.

Funded (Past)

- PI (40% FTE): 'Capacity Building in Bioethics for Scientists across the Translational Spectrum' **2023-2024**
National Institute of Health
 \$307,806 over 1 year
 w/ M Zand (PI), P Luck, S McIntosh, N Mercado, L Ross, M Raz, L Stamm
- Co-PI (5% FTE): 'Understanding and Supporting K-12 School Leaders' AI-related Decision-making' **2023-2024**
National Science Foundation – RAPID - DRL
 \$189,990 over 1 year
 w/ D Miller (PI), K DeAngelis, P Vaughan-Brigan, S Mason (RIT)
- Co-I (10% FTE): 'COV-IDD: Testing for COVID-19 in high risk children with intellectual and developmental disabilities' **2021-2024**
National Institutes of Health (OT2 HD107553)
 4,000,000 over 4 years
 w/ J Foxe, M Zand, S Dewhurst, A Dozier, C Seplacki, D Li

- Co-PI: 'Building Capacity for Cross-disciplinary Research on Future of Work at the Human-Technology Frontier' **2021-2022**
University of Rochester Research Award
\$75,000 over 1 year (PI – Ethics Lead, Lead Humanities WG).
- Co-PI: 'Developing a Value Literate Culture in the Sciences, *National Science Foundation* **2019-2022**
\$354,264 over 3 years (w/ Scott Tanona, J.T. Laverty).
- Senior Personnel: 'Exploring creative design at the human-technology frontier through the emerging "artist-technologist" occupation', *National Science Foundation* **2020-2022**
\$150,000 over 1.5 years (co-Lead Equity Team – 5% effort).
- PI: '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)
- PI: "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 (Not Funded)

- Co-PI (5% FTE): 'Leveraging Language Models for Higher Education Admissions' **2023-2027**
National Science Foundation – IUSE
\$1,818,882 over 4 year
w/ R Borasi, H He, A Anand.
- PI (20% FTE): 'Community-Informed Measures of Algorithmic Fairness in Healthcare' **2024-2026**
Greenwall Foundation – Making a Difference
\$312,273 over 2 years
w/ A Kahng, B Fischer (Texas State)
- Co-PI (10% FTE): 'Physics CARES -- Developing Resources for Mentor-Engaged Conversations on Value Tradeoffs' **2023-2026**
National Science Foundation – ER2 Program
\$98,825 over 3 years (part of 398k total)
w/ J.T. Laverty – Kansas State & Scott Tanona – Kansas State
- PI: 'AI-supported Writing Instruction for Teaching Engineering and Science (AI-WRITES)' **2023-2026**
National Science Foundation – IUSE Program
\$394,432 over 3 years
w/ R Borasi, L Tinelli and D Rossen-Knill
- Co-I: 'Quantitative Bioethics: A New Model For Evidence-Based Resource Allocation Research' **2022-2023**
National Institutes of Health – Admin Supplement on Bioethics Research
\$100,000 over 1 year (w/ M Zand, J Shand, X Cai, M Hodges-Shaw)
- Co-PI: 'MFB: Engineering supramolecular chemistry with topology-aware deep learning' **2022-2025**
National Science Foundation – MFB Program
\$1,497,496 over 3 years (w/ A White, B Nilsson, D Benoit)
- Co-PI: 'EFRI ELiS: Engineering Microbial Consortia for in-line Recovery and Refinement of Precious Metals from Wastes' **2022-2026**
National Science Foundation – FW-HTF Program
\$1,999,566 over 4 years (w/ A Meyer, A White, K Bren, X Hu - Tufts)
- Co-PI: 'Approximately Fair: A Contextual, Value-Aligned Framework for Resolving Unfairness in Machine Learning', **2022-2025**
National Science Foundation – CISE Core (Medium)
\$999,916 over 3 years (w/ Jiebo Luo, Xia Hu & Mayya Komisarchik)

- **Co-PI:** 'Enabling Mentor-Led Conversations on Value Tradeoffs in Basic Science Research' **2022-2024**
National Science Foundation – ER2 Program
 \$98,825 over 3 years (part of 398k total) (w/ J.T. Lavery – Kansas State)
- **Senior Personnel:** 'Immunology, Imaging and Informatics for Precision ImmunoMedicine (PRIME) – Ethical and Trustworthy AI/ML module' **2022-2025**
National Institutes of Health – Bridge2AI program
 \$24,000 over 3 years for ethics consultancy (part of \$25 million PRIME consortium)
- **Senior Personnel:** 'HDR TRIPODS: The Greater Data Science Cooperative Institute' **2022-2025**
National Science Foundation – TRIPOD II
- **PI:** 'Embedding Stakeholder Values in AI Technologies in the Context of Diverse Communities', *National Institutes of Health* **2021-2025**
 \$1,825,000 over 4 years (MPI – co-lead with M Cho, Stanford)
- **Senior Personnel:** 'Leveraging Human-Centered Artificial Intelligence and Virtual/Augmented Reality to Develop Future Machinists' Tacit Knowledge', *National Science Foundation* **2021-2025**
 \$855,000 over 4 years (Senior Personnel, 0.5 FTE Ethics Lead)
- **Senior Personnel:** 'Theory and Practice of AI-Augmented Learning for All', *National Science Foundation* **2020**
 \$500,000 over 1.5 years (Lead - Ethics Team).
- **PI:** '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).
- **PI:** '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).
- **PI:** '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*
- **Co-PI:** 'The Ethics of Securitization', *Economic and Social Research Council* **2015 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

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

Research Ethics (PHIL 436)	2022
Data, Algorithms and Justice (PHIL 235/435)	2020, 2021, 2022
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

Graduation Supervision

Becca Saniechia, PhD in Philosophy (Rochester), Inside member (2022-)
Zhiheng Li, PhD in Computer Science (Rochester), Outside member (2022-)
Kurtis Haut, PhD in Computer Science (Rochester), Outside member (2021-)
Matthew Feck, MS in Medical Humanities, Capstone advisor (2020)

PROFESSIONAL SERVICE

Professional Service

- Member, NSF Working Group on Responsible Conduct of Research Requirement (2022)
- Co-convener of Research Integrity Scholars and Educators Workshop, 2022 (2022)
- Taskforce member, AI Ethics Taskforce, Society of Nuclear Medicine (2021-)
- Member, American Society of Bioethics and Humanities (2021-)
- Member, Association of Applied and Professional Ethics (2021-)
- Member, American Philosophical Association (2013-)

University Service

- Member, Standard II Committee for Middle States Accreditation (2022-present)
- University Committee on Graduate Student Academic Affairs (2021-present)
- UR Student "Champion" for AS&E Graduate Programs (2020-present)
- Library Liaison, Philosophy, Kansas State University (2018 – 2019)
- Philosophy Seminar Series Coordinator, Kansas State University (2015-2019)
- Humanities Career Collective, Kansas State University (2017-2019)

Peer Reviewer

AI & Society (2021), *Critical Review of International Social and Political Philosophy* (2021), *Healthcare Analysis* (2020, 2019), *Australasian Journal of Philosophy* (2019), *Monash Bioethics Review* (2018, 2017) *Ethics, Policy & Environment* (2017, 2018), *Journal of Medical Ethics* (2014, 2017) *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

- *National Science Foundation*, (2021 x 2, 2022, 2023)
- *Economic and Social Research Council, UK* (2016)