

# Jamie Shaw

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🌐 <https://jamiecoshawphilosophy.wordpress.com/home/>

🇨🇦 Nationality: Canadian

🌐 Languages: English (native), French (intermediate), German (beginner)



## Employment History

- 2022 – 2025    📌 **Postdoctoral Fellow.** Institut für Philosophie, Leibniz Universität Hannover
- 2020 – 2022    📌 **SSHRC Postdoctoral Fellow.** Institute for the History and Philosophy of Science and Technology, University of Toronto

## Education

- 2014 – 2018    📌 **Ph.D., University of Western Ontario**  
Thesis title: *A Pluralism Worth Having: Feyerabend's Well-Ordered Science*  
Defense Committee: Kathleen Okruhlik (supervisor), Eric Desjardins, Rob Corless, Chris Smeenk, Anjan Chakravartty (external)
- 2013 – 2014    📌 **MA, Queen's University**  
Thesis title: *Explaining and Evaluating the Success of Science*  
Defense Committee: Sergio Sismondo (supervisor), Josh Mozersky, Henry Laycock
- 2008 – 2013    📌 **BAH, Queen's University**  
Philosophy (major)

## Areas of Research

- 📌 **Areas of Specialization**  
Philosophy of Science, Science Policy, History and/of Philosophy of Science
- 📌 **Areas of Competence**  
Philosophy of Medicine, Environmental Philosophy, Philosophy of Psychiatry, Political Philosophy

## Research Publications

### Edited Collections

- 1 Shaw, J., Tsou, J., & Brown, M. (forthcoming). *Feyerabend's Against Method at 50*. Cambridge University Press.
- 2 Tsou, J., Shaw, J., & Fehr, C. (2025). *Values, Pluralism, and Pragmatism: Themes from the Work of Matthew J. Brown*. Boston Studies in the History and Philosophy of Science.
- 3 Bschrir, K., & Shaw, J. (2021). *Interpreting Feyerabend: Critical Essays*. Cambridge University Press.

### Journal Articles

- 1 Shaw, J., Elliott, K., & Garcia, D. (2025). "On Feyerabend's 'On the Moral Responsibilities of Scientists'". *HOPOS: The Journal of the International Society for the History of Philosophy of Science*.
- 2 Shaw, J., & Tsou, J. (2025). "Feyerabend's Metaphysical Turn and the Stanford School of Pluralism". *HOPOS: The Journal of the International Society for the History of Philosophy of Science*.

- 3 Cat, J., & Shaw, J. (2024). "From Quantum Holism to the Disunity of Science and Social Activism: The Cat-Feyerabend Correspondence". *International Studies in the Philosophy of Science*, 37(4), 243–290.
- 4 Shaw, J. (2024a). "'Fund People, not Projects': From Narrative CVs to Lotteries in Science Funding Policy". *Research Evaluation*.
- 5 Shaw, J. (2024b). "Peirce and Feyerabend on Pluralism and Inquiry". *Journal of Dialectics of Nature*, 46(12), 1–17.
- 6 Shaw, J. (2024c). "Bias, Lotteries, and Affirmative Action in Science Funding Policy". *British Journal for the Philosophy of Science*.
- 7 Shaw, J. (2023a). "Peer Review, Innovation, and Predicting the Future of Science: The Scope of Lotteries in Science Funding Policy". *Philosophy of Science*, 90(5), 1297–1306.
- 8 Shaw, J. (2023b). "Peer Review in Funding-by-Lottery: A Systematic Overview and Expansion". *Research Evaluation*, 32(1), 86–100.
- 9 Shaw, J. (2022a). "Revisiting the Basic/Applied Science Distinction: The Significance of Urgent Science for Science Funding Policy". *Journal for General Philosophy of Science*, 54(4), 477–499.
- 10 Shaw, J. (2022c). "On the Very Idea of Pursuitworthiness". *Studies in History and Philosophy of Science*, 19, 103–112.
- 11 Shaw, J. (2022d). "There and Back Again: Revisiting Vannevar Bush, the Linear Model, and the Freedom of Science". *Research Policy*, 51(10), 104610.
- 12 Shaw, J. (2021a). "Feyerabend and Manufactured Disagreement: Reflections on Expertise, Consensus, and Science Policy". *Synthese*, 198(25), 6053–6084.
- 13 Shaw, J. (2021b). "Feyerabend, Funding, and the Freedom of Science: The Case of Traditional Chinese Medicine". *European Journal for Philosophy of Science*, 11(2), 37–54.
- 14 Shaw, J. (2021c). "Feyerabend's Well-Ordered Science: How an Anarchist Distributes Funds". *Synthese*, 198(1), 419–449.
- 15 Shaw, J. (2021d). "Feyerabend on Naturalism, Pluralism, and the Foundations of Philosophy". *Logique et Analyse*, 256, 467–486.
- 16 Shaw, J. (2020a). "The Problem of the Empirical Basis in the Popperian Tradition: Popper, Bartley, and Feyerabend". *HOPOS: The Journal of the International Society for the History of Philosophy of Science*, 10(2), 524–561.
- 17 Shaw, J. (2020b). "The Revolt Against Rationalism: Feyerabend's Critical Philosophy". *Studies in History and Philosophy of Science Part A*, 80, 110–122.
- 18 Shaw, J. (2020c). "Duhem on Good Sense and Theory Pursuit: From Virtue to Social Epistemology". *International Studies in the Philosophy of Science*, 33(2), 67–85.
- 19 Shaw, J., & Barseghyan, H. (2019). "Problems and Prospects with the Scientonomic Workflow". *Scientonomy: Journal for the Science of Science*, 3, 1–14.
- 20 Donhauser, J., & Shaw, J. (2019). "Knowledge Transfer in Theoretical Ecology: Implications for Incommensurability, Voluntarism, and Pluralism". *Studies in History and Philosophy of Science Part A*, 77, 11–20.
- 21 Shaw, J. (2018a). "Why the Realism Debate Matters for Science Policy: The Case of the Human Brain Project". *Spontaneous Generations: A Journal for the History and Philosophy of Science*, 9(1), 82–98.
- 22 Barseghyan, H., & Shaw, J. (2017). "How Can a Taxonomy of Stances Help Clarify Classical Debates on Scientific Change?" *Philosophies*, 2(4), 24.

- 23 Shaw, J. (2017a). "Was Feyerabend an Anarchist? The Structure(s) of 'Anything Goes'". *Studies in History and Philosophy of Science Part A*, 64, 11–21.
- 24 Shaw, J. (2016a). "Pluralism, Pragmatism and Functional Explanations". *Kairos. Journal of Philosophy & Science*, 15(1), 1–18.
- 25 Shaw, J. (2015). "Moderate Moderation: The Mean of Excess". *Gnosis*, 14(1), 14–37.

## Book Chapters

- 1 Perillat, L., & Shaw, J. (forthcoming). "Demarcating Rare and Common Diseases: A Funding Policy Perspective". In N. Streeck & M. Coors (Eds.), *Caring for the Orphans*, Columbia University Press.
- 2 Shaw, J. (forthcoming[a]). "Feyerabend on the Foundations of HPS". In Y. Shan (Ed.), *The Blackwell Companion to Integrated History and Philosophy of Science*, Wiley-Blackwell Press.
- 3 Shaw, J. (forthcoming[b]). "Feyerabend's Existentialism: Myth, Meaning, and Science Policy in *Against Method*". In J. Shaw, J. Tsou, & M. Brown (Eds.), *Feyerabend's Against Method at 50*, Cambridge University Press.
- 4 Shaw, J. (forthcoming[c]). "The Values of Science Funding Institutions". In K. Elliott & T. Richards (Eds.), *The Routledge Handbook for Science and Values*, Routledge.
- 5 Shaw, J. (2025a). "The Limits of Ethical Pluralism: Mill, Feyerabend, and Experiments of Living". In J. Shaw, J. Tsou, & C. Fehr (Eds.), *Values, Pluralism, and Pragmatism: Themes from the Work of Matthew J. Brown* (pp. 23–44). Boston Studies in the History and Philosophy of Science.
- 6 Shaw, J. (2025b). "Funding Priorities and Climate Change: Lessons from Agriculture and Action-Oriented Science". In D. Maier, J. Donahuser, & M. Weber (Eds.), *Disruptive Innovations and the Environmental Crisis: Ethical, Practical, and Sociopolitical Concerns* (pp. 144–165). Routledge Press.
- 7 Shaw, J. (2025d). "Feyerabend's Asymmetry Argument for Epistemological Anarchism". In U. Leibowitz, K. Coko, & I. Nevo (Eds.), *Philosophical Theorizing and its Limits: Anti-Theory in Ethics and Philosophy of Science* (pp. 35–51). Jerusalem Studies in Philosophy and History of Science.
- 8 Shaw, J. (2024c). "Trust and Funding Science by Lottery". In M. Resch, N. Formánek, A. Joshy, & A. Kaminski (Eds.), *The Science and Art of Simulation: Trust in Science* (pp. 173–185). Springer Press.
- 9 Shaw, J. (2024d). "The Impact of Science Funding Policy on Kuhn's *Structure of Scientific Revolutions*". In K. B. Wray (Ed.), *Structure of Scientific Revolutions at 60* (pp. 37–52). Cambridge University Press.
- 10 Shaw, J. (2024f). "Feyerabend on Education, Freedom, and Professionalization". In N. Friesen, K. Kenkies, & S. Englemann (Eds.), *Education for a Free Society* (pp. 145–162). Peter Lang Publishing.
- 11 Barseghyan, H., & Shaw, J. (2022). "Integrating HPS: What's in it for a Philosopher of Science?" In H. Barseghyan, P. Patton, G. Rupik, & J. Shaw (Eds.), *The Challenges of Constructing a Theory of Scientific Change* (pp. 41–66). Vernon Press.
- 12 Shaw, J., & Donhauser, J. (2022). "Historic Advances in Ecology". In H. Barseghyan, P. Patton, G. Rupik, & J. Shaw (Eds.), *The Challenges of Constructing a Theory of Scientific Change* (pp. 223–248). Vernon Press.
- 13 Shaw, J. (2021e). "Feyerabend Never was an Eliminative Materialist: Feyerabend's Meta-Philosophy and the Mind-Body Problem". In K. Bschrir & J. Shaw (Eds.), *Interpreting Feyerabend: Critical Papers* (pp. 114–131). Cambridge University Press.
- 14 Shaw, J., & Bschrir, K. (2021). "Feyerabend's Philosophy in the 21st Century". In K. Bschrir & J. Shaw (Eds.), *Interpreting Feyerabend: Critical Essays* (pp. 1–10). Cambridge University Press.
- 15 Desjardins, E., Shaw, J., Barker, G., & Bzovy, J. (2019). "Geofunctions, Pluralism, and Environmental Management". In T. DesRoches, B. Williston, & F. Jankunis (Eds.), *From North of 40: New Perspectives in Canadian Environmental Philosophy* (pp. 234–264). McGill-Queen's University Press.

- 16 Psillos, S., & Shaw, J. (2019). "Relativism and Scientific Realism". In M. Kusch (Ed.), *The Routledge Handbook of Philosophy of Relativism* (pp. 407–416). Routledge.

### **Edited Special Issues**

- 1 Shaw, J., & Garcia, D. (2025b). *Paul Feyerabend and Philosophy of Science*. HOPOS: The Journal of the International Society for the History of Philosophy of Science.
- 2 Shaw, J., & Šešelja, D. (2025). *Pursuitworthiness in Science*. Studies in History and Philosophy of Science.
- 3 Shaw, J., & Stuart, M. (2024). *Feyerabend and the Philosophy of Physics*. International Studies in the Philosophy of Science.
- 4 Shaw, J., Stuart, M., & Sikimić, V. (2022). *Socially Responsible Funding Policy*. Journal of Risk and Safety in Medicine.

### **Conference Proceedings**

- 1 Barseghyan, H., Rupik, G., Patton, P., & Shaw, J. (2022). *The Challenges of Constructing a Theory of Scientific Change*. Vernon Press.

### **Publications in French**

- 1 Shaw, J. (2022b). "L'Anarchisme de Feyerabend: Une Analyse Politique et Épistémologique". *Zilsel*, 11, 191–204.

### **Popular Articles**

- 1 Shaw, J. (2025c). "The High Priests of Science are Holding it Hostage". *IAI News*.
- 2 Shaw, J., Sikimić, V., & Stuart, M. (2021). "Responsible Life Science Policy between Private and Public Funding". *The Reasoner*, 15(1), 4–5.

### **Editorials**

- 1 Shaw, J., & Garcia, D. (2025a). "Feyerabend's Philosophy of Science". *HOPOS: The Journal of the International Society for the History of Philosophy of Science*.
- 2 Stuart, M., & Shaw, J. (2024). "Feyerabend and the Philosophy of Physics, Part II". *International Studies in the Philosophy of Science*, 37(4), 155–159.
- 3 Shaw, J., & Stuart, M. (2022). "Feyerabend and the Philosophy of Physics". *International Studies in the Philosophy of Science*, 35(1), 1–4.
- 4 Sikimić, V., Stuart, M., & Shaw, J. (2022). "Science Funding Policy and the COVID-19 Pandemic". *The International Journal of Risk and Safety in Medicine*, 33, 211–216.

### **Book Reviews**

- 1 Shaw, J. (2020d). "A Rich Resource on Scientific Knowledge". *Metascience*, 29(2), 187–191.
- 2 Shaw, J. (2018b). "Review of the Realistic Empiricism of Mach, James, and Russell: Neutral Monism Reconceived". *Canadian Philosophical Review / Revue Canadienne de Philosophie*, 57(3), 648–650.
- 3 Shaw, J. (2017c). "Review of Quantum Ontology". *Dialogue: Canadian Philosophical Review / Revue Canadienne de Philosophie*, 56(1), 185–187.

- 4 Shaw, J. (2016c). "Metaontology After Ontology after Carnap". *Phenomenological Reviews*. Retrieved from <https://reviews.ophen.org/2016/08/18/metaontology-ontology-carnap/>

## **Non-Peer Reviewed Publications**

- 1 Shaw, J. (2017b). "Feyerabend and the Cranks: On Demarcation, Epistemic Virtues, and Astrology". *Social Epistemology Review and Reply Collective*, 6(3), 74–88.
- 2 Shaw, J. (2016b). "Pluralism as a Means of Organizing Research: How Funding Structures Can Combat Disciplinary Fragmentation". *Western Journal of Graduate Research*, 13, 11–17.

## **Conference Presentations**

### **Invited Presentations**

- 2025  **Funding Big Science**  
 *Values Lab Series – Center for Values in Medicine, Science, and Technology* (Dallas, Texas)  
 *Philosophy of Science Lecture Series* (Hong Kong)
- Publishing Pressures in Philosophy**  
 *Public Philosophy of Science Network* (Hamilton, Ontario)
- Individuals and Institutions: Reflections on Boundary Work in Science Funding**  
 *Workshop on Institutions and Science and Values* (Wuppertal, Germany)
- Stakeholder Theory and the Limits of Democracy: Lessons from Extension Programs in Agriculture**  
 *Integrating Politics and Philosophy of Science from Below* (Manchester, England)
- Ian Hacking and Science Policy: Lessons from Psychiatry**  
 *VMST-13: Ian Hacking's Philosophical Legacy* (Dallas, Texas)
- 2024  **Scientonomy: Background and Motivations**  
 *CFCUL Winter School* (Lisbon, Portugal)
- 2023/2024  **Funding People or Projects? A Critical Discussion**  
 *Values Lab Series - Center for Values in Medicine, Science, and Technology* (Dallas, Texas)  
 *History and Philosophy of Physics Research Seminar* (Bonn, Germany)
- Feyerabend's Asymmetry Argument for Methodological Anarchism**  
 *VMST-12: Paul K. Feyerabend: A Centennial* (Dallas, Texas)  
 *Anti-Theory in the Philosophy of Science and Ethics* (Beersheba, Israel)
- 2023  **The Demarcation Problem in Science Funding Policy**  
 *Inter-University Centre* (Dubrovnik, Croatia)
- Pluralism and Experiments in Living**  
 *11<sup>th</sup> Values in Medicine, Science, and Technology (VMST)* (Dallas, Texas)





## Conference Presentations (continued)

- 2022  **How Unrestricted Should Inquiry Be? Chang and the Limits of Pluralism**  
  *Pluralism and Contingency in Science* (Nancy, France)
- Peer Review, Innovation, and Predicting the Future of Science: The Scope of Lotteries in Science Funding Policy**  
 *Leibniz Universität Philosophy Colloquium Series* (Hannover, Germany)
- Interdisciplinary Progress and the Constraints of Funding Schemes**  
  *Taming the Uncertainty Monster: Lessons from Astrochemistry* (Rennes, France)
- The Impact of Science Funding Policy on *Structure of Scientific Revolutions***  
  *Thomas Kuhn's Philosophy of Science* (Aarhus, Denmark)
- 2021  **An Anarchistic Approach to Funding Science by Lottery**  
  *IHPST Colloquium Series* (Toronto, Ontario)
-  **Science Funding Policy without Theory Choice**  
  *New Perspectives on the Problem of Theory Choice* (Nancy, France)
- Introduction to Science and Values**  
 *Philosophy of Science India, Winter School* (Harayana, India)
- NASA's Minipublics: How NASA Uses Imagination to Shape the American Space Imaginary** (w/ M. Stuart)  
 *Leeds HPS Seminar* (Leeds, U.K.)
- 2020/21  **Funding Priorities, Pluralism, and Climate Change**  
  *University of Prince Edward Island Speaker Series* (Charlottetown, P.E.I.)  
 *TU Eindhoven Research Series* (Eindhoven, Netherlands)
- 2019  **Freedom, Social Responsibility, and Funding Policy: A New Conception of Applied and Basic Science**  
  *Queen's Philosophy Colloquium Series* (Kingston, Ontario)
- A New Workflow for HPS**  
  *Challenges of Constructing a Theory of Scientific Change* (Toronto, Ontario)

## Invited Roundtable Participation

- 2022  **Roundtable on Science Funding Policy** (w/ M. Solovey and A. Heshmati)  
  *6<sup>th</sup> International Undergraduate STMS* (Toronto, Ontario)

## Peer-Reviewed Conference Presentations

- 2025  **Fund People, not Projects': From Narrative CVs to Lotteries in Science Funding Policy**  
  *Canadian Society for the History of Philosophy of Science* (Toronto, Ontario)
- The History and Philosophy of the Scientific Journal**  
 *International Congress of History of Science and Technology* (Auckland, New Zealand)



## Conference Presentations (continued)


- 2024  **Biases in Scientific Inquiry** (w/ M. Fernández Pinto and T. Wilholt)  
 *Biasing Mechanisms in Scientific Inquiry* (Hannover, Germany)
- 2023  **The Tasks and Practices of Peer Review** (w/ I. Gawal)  
 *European Philosophy of Science Association* (Belgrade, Serbia)
- The Impact of Science Funding Policy on *Structure of Scientific Revolutions***  
 *International Congress on Logic, Methodology and Philosophy of Science and Technology* (Buenos Aires, Argentina)
- Feyerabend's Metaphysical Turn and the Stanford School's Disunity of Science"** (w/ J. Tsou)  
 *International Congress on Logic, Methodology and Philosophy of Science and Technology* (Buenos Aires, Argentina)
-  **Funding Research on Rare Diseases** (w/ L. Perillat)  
 *Ethical Issues in the Context of Rare Diseases* (Zurich, Switzerland)
- D.C. Miller's 'Disproof' of Special Relativity** (w/ P. Fraser)  
 *Canadian Society for the History of Philosophy of Science* (Toronto, Ontario)
- 2022/23  **Arne Næss: From Pluralism to Deep Ecology** (w/ E. Desjardins)  
 *History of Philosophy of Science Association* (Irvine, California)  
 *The International Society for the History, Philosophy, and Social Studies of Biology* (Toronto, Ontario)
- Peer Review, Innovation, and Predicting the Future of Science: The Scope of Lotteries in Science Funding Policy**  
 *Philosophy of Science Association* (Pittsburgh, Pennsylvania)  
 *Canadian Society for the History of Philosophy of Science* (Toronto, Ontario)
- 2022  **Feyerabend: For and Against Empiricism** (w/ S. Psillos)  
 *History of Philosophy of Science Association* (Irvine, California)
- Lotteries and Socially Responsible Funding Policy**  
 *Institutions and the Scientific Research Agenda* (Pittsburgh, Pennsylvania)

## Conference Presentations (continued)

- 2021  **Trust and Funding Science by Lottery**  
 *Science and the Art of Simulation: Trust in Science* (Stuttgart, Germany)
- Why Fund Basic Research? Unpredictability and Other Enigmas** (w/ K. Khalifa)  
 *European Philosophy of Science Association* (Turin, Italy)
- Feyerabend, Pluralism, and Socially Responsible Science Funding Policy**  
 *Canadian Society for History and Philosophy of Science* (Edmonton, Alberta)
- Feyerabend's View of Science Education** (w/ D. Garcia)  
 *Education in a Free Society* (Glasgow, Scotland)
- Feyerabend and the Paradox of Pursuit: Revisiting Values and Pursuitworthiness**  
 *Philosophy of Science Association* (Baltimore, Maryland)  
 *Pursuitworthiness in Science Workshop* (Eindhoven, Netherlands)
- 2020  **The Limits of Scientific Humanism: Cases from Agricultural Policy**  
 *Science and Humanism* (Miami, Florida)
- Funding Priorities and Disruptive Innovations**  
 *BGSU Applied Ethics and Public Policy Workshop* (Bowling Green, Ohio)
- Feyerabend on the Foundations of Analytic Philosophy**  
 *TiLPS History of Analytic Philosophy Workshop* (Tilberg, Netherlands)
- 2019  **Integrating HPS: What's in it for a Philosopher of Science?"** (w/ H. Barseghyan)  
 *International Congress on Logic, Methodology and Philosophy of Science and Technology* (Prague, Czech Republic)
- Feyerabend's Well-Ordered Science: How an Anarchist Distributes Funds**  
 *International Congress on Logic, Methodology and Philosophy of Science and Technology* (Prague, Czech Republic)  
 *European Philosophy of Science Association* (Geneva, Switzerland)
- A New Workflow for HPS** (w/ H. Barseghyan)  
 *Learning from Empirical Approaches to HPS* (Hannover, Germany)
- 2018  **Duhem on Good Sense and Theory Pursuit**  
 *Canadian Philosophical Association* (Montréal, Québec)  
 *History of Philosophy of Science* (Groningen, Netherlands)  
 *Philosophy of Science Association* (Seattle, Washington)
- The Methodological Bases of Peer Review**  
 *Canadian Society for the History and Philosophy of Science* (Regina, Saskatchewan)
- The Long and Winding Road of Feyerabend's Pluralism**  
 *40<sup>th</sup> Anniversary of Science and a Free Society* (Dallas, Texas)



## Conference Presentations (continued)

- 2017/18  **The Janus-Faced Nature of Popper's Falsificationism**  
 *Society for the Study of the History of Analytical Philosophy* (Hamilton, Ontario)  
 *European Congress of Analytic Philosophy* (Munich, Germany)
- 2017  **The Historical Turn and the 'Fact' of Pluralism**  
 *Canadian Society for the History and Philosophy of Science* (Toronto, Ontario)
- What Theoretical Ecology Reveals About Knowledge Transfer** (w/ J. Donhauser)  
 *Scientific Knowledge Under Pluralism* (Pittsburgh, Pennsylvania)
- An Open Pluralism and its Enemies: Reconsidering Feyerabend's Anarchism**  
 *Waterloo Philosophy Graduate Conference* (Waterloo, Ontario)
- 2016  **The Search for Kuhn Loss: A New Strategy for HPS**  
 *British Society for Philosophy of Science* (Cardiff, Wales)  
 *Canadian Society for the History and Philosophy of Science* (Calgary, Alberta)  
 *History of Philosophy of Science Association* (Minneapolis, Minnesota)  
 *Society for Philosophy of Science in Practice* (Glassboro, New Jersey)
- Pluralism as a Means of Organizing Research**  
 *Western Research Forum: Advances at a Crossroads* (London, Ontario)
- 2015/16  **A Tale of Two Pluralisms: Why Science Needs Metaphysics**  
 *Philosophy of Science Association* (Atlanta, Georgia)  
 *Canadian Philosophical Association* (Ottawa, Ontario)
- 2015  **Theory-Ladenness and Pluralism in an Experimental Context**  
 *Ways of Knowing: Feminist Epistemology and Philosophy of Science* (Dublin, Ireland)

## Teaching Experience

### Student Supervision

#### Undergraduate Supervision

Kye Palider: "Diagramming Physio-Mathematical Methods" (2019)  
Jessica Rapson "Aryan Physics and Nazi Ideology" (2019)  
Cameron Scott and Lucie Perillat: "Climate Change Denial" (2020)  
Zoë Galay: "Ethics and Methods" (2021)  
Cyrus Al-Zayadi: "Visualizing Aristotelian and Medieval Medicine" (2021)  
Hannah Rajput: "When do Scientific Theories Become Pedagogically Useful?" (2022)  
Josh Allen: "Epistemic Actions" (2023)  
Stephanie Cui: "Probing Particle Practices: The Underdetermination of Epistemic Actions by Norms" (2024)  
Alissa Guissine and Rebecca Muscant: "Pursuitworthiness and Funding in Fundamental Physics" (2025)  
Ismael Hamadeh: "Tafsir Literature as Acceptance Indicators for the Reconstruction of the Medieval Arabic Scientific Mosaic" (2025)

## Teaching Experience (continued)

### Course Instructor

- **University of Toronto, Toronto, Ontario** (2020-present),  
*Institute for History and Philosophy of Science and Technology*  
HPS250: Introduction to Philosophy of Science (x4)  
*Department of Philosophy*  
PHL356H1: Philosophy of Physics (x1)  
PHL232H1: Knowledge and Reality (x1)  
PHL331: Metaphysics (x1)  
*Victoria College*  
VIC122: Scientific Evidence in Public Policy (x1)  
VIC302: Science Policy (x1)  
VIC122: Scientific Evidence in Public Policy (x1)
- **Selkirk College, Castlegar, British Columbia** (2022-2023),  
*Department of University Arts and Sciences*  
Philosophy 101: Introduction to Philosophy (x2)
- **University of Prince Edward Island, Charlottetown, P.E.I.** (2021),  
*Department of Philosophy*  
Philosophy 3010: Philosophy of Science (x1)



Selkirk College



### Teaching Assistantships

- **University of Toronto, Toronto, Ontario** (2022),  
*Department of Philosophy*  
PHL103: Introduction to Philosophy: Knowledge and Reality (w/ D. Raffman)  
PHLA10H3: Reason and Truth (w/ W. Seager)
- **Toronto Metropolitan University, Toronto, Ontario** (2018-2019),  
*Ted Rogers School of Management*  
BUS 231: Business Ethics (w/ M. Baumtrog) (x2)
- **University of Western Ontario, London, Ontario** (2014-2018),  
*Department of Philosophy*  
Phil 1305G: Questions of the Day (w/ G. Barker)  
Phil 2200F: Ancient Philosophy (w/ J. Thorp)  
Phil 2032G: Einstein for Everyone (w/ C. Smeenk)  
Nominated for TA of the Year Award  
Phil 1040F: Ethics, Law, and Politics (w/ T. Isaacs)  
Phil 1030G: Big Ideas (w/ R. DiSalle)  
Phil 1030F: Big Ideas (w/ E. Desjardins)  
Phil 2078G: Digital Ethics (w/ S. Brennan)  
Phil 2730F: Media Ethics (w/ R. Robb)
- **Queen's University, Kingston, Ontario** (2013-2014),  
*Department of Philosophy*  
PHIL 157: Introduction to Moral Issues (w/ P. Fairfield)  
PHIL 293: Humans and the Natural World (w/ M. Smith)  
Nominated for TA of the Year Award



Western



## Additional Training

- **LivingWorks Education** (June 2022), Online course focusing on suicide prevention and mental health. The goal of the program was to develop skills and tools to recognize, respond, and engage with students who have display severe mental health challenges.
- **AAPT Seminar on Teaching Philosophy and Inclusive Pedagogy** (April 2016), Workshop for effective feedback, strategies for group work, increasing student participation, inclusive office hours, designing syllabi, and rubrics of assessment.
- **Oxford Seminars: TESOL/TESL Certification** (March 2013), Workshop on lesson plan design, classroom activities, culturally-sensitive and dynamic assignments, and student engagement techniques. The seminar also provided background on student psychology, pedagogy, curriculum design, and cultural differences in conceptions of education.

## Awards and Honours

1,000 \$ USD	■ Speaker Honarium (University of Texas, Dallas)
10,000 \$ CAD	■ Arts and Science Tri-Council Postdoctoral Fellowship
90,000 \$ CAD	■ SSHRC Post-Doctoral Research Award
7,500 \$ CAD	■ Jackman Humanities Grant (x2)
15,000 \$ CAD	■ Ontario Graduate Student Award (x2)
500 \$ CAD	■ Rotman Institute Travel Award (x4)
800 \$ CAD	■ Alumni Graduate Award
500 \$ CAD	■ Graduate Thesis Research Award
250 \$ CAD	■ Canadian Philosophical Association Essay Prize (2 <sup>nd</sup> Place)
200 \$ CAD	■ J.J. Russell Memorial Prize "Awarded annually by recommendation of the Department of Philosophy to the student with the highest first-class standing in the area of Philosophy of Science."

## Professional Experience

### ■ Referee Experience

*Proceedings for the National Academy of Sciences, PLOS ONE, British Journal for Philosophy of Science, Science and Public Policy, Isis: A Journal of the History of Science Society, Philosophy of Science, Synthese, Minerva, Philosopher's Imprint, Science and Engineering Ethics, F1000Research, HOPOS: The Journal of the International Society for the History of Philosophy of Science, European Journal of Philosophy of Science, Research Evaluation, Foundations of Science, Springer Press (Book), Social Epistemology, Episteme, Scientometrics, Journal for General Philosophy of Science, International Studies in the Philosophy of Science, Open Book (Book), Scientonomy: Journal for the Science of Science, Philosophia, Filozofia Nauki, Cambridge Elements (Book), Principia: An International Journal of Epistemology, Philosophies, Dialogue, Studies in the History and Philosophy of Science, Theology and Science, Philosophia Scientiae, Journal of Empirical Research on Human Research Ethics.*

## Professional Experience (continued)

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### Educational Outreach

- **Université de Rennes 1, Workshop Leader** (July 2022),  
Workshop Leader: I ran three workshops at the Institute of Physics of Rennes 1 with an interdisciplinary team of Astro-scientists on scientific method, replication, and science funding policy with the goal of introducing scientists to topics in philosophy of science.
- **Integrating HPS in Practice: Towards a Database for Intellectual History Winter School** (December 2024), Co-Organizer.
- **Philosophy of Science India Winter School** (December 2021), Co-Organizer.
- **Research Opportunity Program (x6)** (2019-2025),  
Supervising undergraduate theses on topics within the history and philosophy of science.
- **Scholars in Residence Program (x2)** (2019-2020),  
I co-led a team of six undergraduate scholars to develop a typology of diagrams that can be used for visualizing worldviews. I personally supervised two groups of two undergraduates and co-authored their contributions in *Visualizing Worldviews*.

### Conference and Workshop Organization

- **New Directions in Science Funding Policy** (July 2025), Lead Organizer.  
Invited Speakers: Allison Marsh, Elena Erosheva, Zach Pirtle, Zeynep Pamuk, and Heather Douglas
- **Building Sustainable Databases in the Humanities** (June 2025), Co-Organizer.  
Invited Speakers: Ruth Mostern, Ruth Ahnert, Pieter François, Rasmus Larsen
- **Ian Hacking's Philosophical Legacy** (May 2025), Co-Organizer.  
Invited Speakers: Muhammad Ali Khalidi, Ron Mallon, Paul Roth, Şerife Tekin
- **Paul K. Feyerabend: A Centennial Celebration** (May 2024), Co-Organizer.  
Invited Speakers: Babette Babich, Jordi Cat, Matteo Collodel
- **Biasing Mechanisms for Scientific Research** (May/June 2024), Co-Organizer.  
Invited Speakers: Heather Douglas, Jacob Stegenga, David Teira, Anke Büter
- **Philosophy of Science India** (June 2023), Co-Organizer.  
Invited Speakers: Sabina Leonelli, James Ladyman, Anjan Chakravartty, Karen Yan, Tejal Kanitkar
- **Scientific Understanding and Representation, 5<sup>th</sup> Annual Workshop** (May 2023), Co-Organizer.  
Invited Speakers: Agnes Bolinksa, Eran Tal, Robert Batterman, Collin Rice, Jennifer Jhun
- **Big Data and the History and Philosophy of Science** (May 2023), Co-Organizer.  
Invited Speakers: Pieter François, Rachel Spicer, Charles Pence
- **Feyerabend's Philosophy of Physics** (July 2021), Co-Organizer.  
Invited Speakers: Daniele Oriti, Marij van Strien, Daniel Kuby

## Professional Experience (continued)

- **Science Communication: Expertise and Public Trust** (April 2021), Co-Organizer  
Invited Speakers: Heidi Larson, Maya Goldenberg, Tarun Menon, Rayies Altaf
- **Science and Public Policy: Pandemic Measures and Trade-Offs** (March 2021), Co-Organizer.  
Invited Speakers: Anant Bhan, Gagandeep Kang, Mohammed Asheel, T. Sundararaman
- **Representation and Modelling of the COVID Outbreak** (March 2021), Co-Organizer.  
Invited Speakers: Bert Baumgaertner, Gautam Menon, Jonathan Fuller, Suneeta Krishnan
- **Pursuitworthiness in Science** (March 2021), Co-Organizer  
Invited Speakers: Will Fleisher, Lydia Patton
- **Roundtable on Socially Responsible Funding Policy** (November 2020), Co-Organizer  
Invited Speakers: Matthew Wallace, Sergio Sismondo, Manuela Fernandez-Pinto, Rade Injac, Jacob Stegenga, Ralph Edwards
- **Challenges for Constructing a Theory of Scientific Change** (May 2019), Co-Organizer  
Invited Speakers: Hasok Chang, Jutta Schickore, Lee McIntyre
- **Graduate Conference for Logic, Math, and Physics (x3)** (2016-2018), Co-Organizer  
Invited Speakers: James Ladyman (2016), Doreen Fraser (2017), David Wallace (2018)
- **Graduate Conference for Philosophy of Mind, Language, and Cognition (x4)** (2015-2018), Co-Organizer.  
Invited Speakers: Kristen Andrews, Genoveva Marti, Ken McCrea (2015), Mazviita Chirimuuta, Tim Bayne, Jessica Grahn (2016), Muhammad Ali Khalidi, Gillian Barker, Marc Joannis (2017), Sebastian Watzl, Michael Anderson, Stefan Kohler (2018)

## Memberships

- **Consortium for Socially Relevant Philosophy of/in Science and Engineering** (2024-present),  
Board Member
- **Forum for Advancing Science and Education Through Philosophy** (2019-present),  
North American Representative
- **Paul K. Feyerabend Centenary Foundation** (2022-2024),  
International Steering Committee Member  
North American Steering Committee Co-Chair
- **Philosophy of Science, India** (2020-present),  
Steering Committee Member
- **British Society for the Philosophy of Science** (2021-2022, 2024-2025),  
Programme Committee Member (x4)
- **Values in Medicine, Science, and Technology Conference** (2023-present),  
Programme Committee Member (x3)

## References

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### Research References

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