Travis LaCroix, PhD │ Curriculum Vitae

CONTACT INFORMATION	✉ Room 106, 50/51 Old Elvet Dept. of Philosophy, Durham University Durham, UK DH1 3HN	📧 travis.lacroix@durham.ac.uk 🌐 travislacroix.github.io	

AREAS OF SPECIALISATION

Philosophy and Ethics of AI & Emerging Technologies
Social Dynamics, Norms, and Conventions
Autism

AREAS OF COMPETENCE

Philosophy of Language & Linguistics
Classical & Evolutionary Game Theory
Traditional, Formal, & Social Epistemology
General Philosophy of Science

APPOINTMENTS

Durham University, Durham, England UK
Department of Philosophy, Faculty of Arts and Humanities

Assistant Professor, 2024 –

Dalhousie University, Halifax, Nova Scotia CAN
Department of Philosophy, Faculty of Arts and Social Science
Law, Justice, and Society, Faculty of Arts and Social Science
Faculty of Graduate Studies

Assistant Professor, Ethics and Computer Science, 2021 – 2024

University of Toronto, Toronto, Ontario CAN
Department of Philosophy
Schwartz Reisman Institute for Technology and Society

Postdoctoral Fellow, Social Cognition, 2020 – 2021
Supervisor: Jennifer Nagel

Université de Montréal, Montréal, Québec CAN
Mila - Québec Artificial Intelligence Institute
Department of Computer Science and Operations Research

Postdoctoral Fellow, Ethically Aligned Artificial Intelligence, 2020 – 2021
Supervisor: Yoshua Bengio (Mila / UdeM), Dominic Martin (UQàM)

Mila - Québec Artificial Intelligence Institute, Montréal, Québec CAN

Visiting Researcher / Research Assistant, 2018 – 2020
Supervisor: Yoshua Bengio

Concordia University, Montréal, Québec CAN

Coordinator, *Social Justice Centre*, 2019 – 2021

RESEARCH AFFILIATIONS	**Durham University**	
	2024 –	Fellow, Institute for Medical Humanities

EDUCATION

University of California, Irvine, Irvine, California USA

PhD, Philosophy, March 2020
Department of Logic and Philosophy of Science

Dissertation: "Complex Signals: Modularity, Reflexivity, & Hierarchical Structure"
Committee: Jeffrey A. Barrett (Chair)
Brian Skyrms
Simon Huttegger
Cailin O'Connor

Master of Arts, Social Science, March 2018
Institute for Mathematical Behavioral Science

Simon Fraser University, Burnaby, British Columbia CAN

Master of Arts, Philosophy, April 2016

Thesis Topic: "On Signalling Games and Their Models"
Committee: Nicolas Fillion (Chair)
Matt DeVos (External, Mathematics)

University of British Columbia, Vancouver, British Columbia CAN

Bachelor of Arts (Hons.), Philosophy; English Literature, April 2014

First-class standing

Camosun College, Victoria, British Columbia CAN

Associate of Arts, English, April 2011

Canadian Institute For Advanced Research

CIFAR Deep Learning / Reinforcement Learning Summer School, Summer 2020

EXTERNAL CONSULTING

Bank of Canada, Ottawa, Ontario CAN

Expert Consultant on *AI Ethics and Data Science* (2020-2021)

PUBLICATIONS

Books

1. Travis LaCroix. Forthcoming (2025) *Artificial Intelligence & the Value Alignment Problem: A Philosophical Introduction.* Peterborough, ON: Broadview Press.

Journal Articles *(Peer Reviewed)*

Note: First-listed date refers to online-first publication;
Second-listed date refers to assignment of volume.

12. Travis LaCroix. (2024). "The Linguistic Dead Zone of Value-Aligned Agency, Natural and Artificial." *Philosophical Studies*. Forthcoming.
https://doi.org/10.1007/s11098-024-02257-w

11. Travis LaCroix and Cailin O'Connor. 2022. "Power by association." *Ergo* (2022) 8(29): 163-189.
    https://doi.org/10.3998/ergo.2230

10. Arianna Falbo and Travis LaCroix. 2022. "Est-ce que vous compute? Code-switching, cultural identity, and AI." *Feminist Philosophy Quarterly* (2022) 8(3-4): 1–23.
    https://ojs.lib.uwo.ca/index.php/fpq/article/view/14264

9. Travis LaCroix and Aydin Mohseni. 2022. "The tragedy of the AI commons." *Synthese* (2022) 200(4): 1–33.
   https://doi.org/10.1007/s11229-022-03763-2

8. Travis LaCroix. 2022. "Moral dilemmas for moral machines." *AI and Ethics* (2022) 2: 737–746.
   https://doi.org/10.1007/s43681-022-00134-y

7. Travis LaCroix. 2021. "Reflexivity, functional reference, and modularity: Alternative targets for language origins." *Philosophy of Science* (2021) 88(5): 1234–1245.
   https://doi.org/10.1086/715217

6. Travis LaCroix, Anders Geil, and Cailin O'Connor. 2020. "The dynamics of retraction in epistemic networks." *Philosophy of Science* (2021) 88(3): 415–438.
   https://doi.org/10.1086/712817

5. Jeffrey A. Barrett and Travis LaCroix. 2020. "Epistemology and the structure of language." *Erkenntnis* (2022) 87(2): 953–967.
   https://doi.org/10.1007/s10670-020-00225-4

4. Travis LaCroix. 2020. "Communicative bottlenecks lead to maximal information transfer." *Journal of Experimental and Theoretical Artificial Intelligence* (2020) 32(6): 997–1014.
   https://doi.org/10.1080/0952813X.2020.1716857

3. Travis LaCroix. 2019. "Using logic to evolve more logic: Composing logical operators via self-assembly." *British Journal for the Philosophy of Science* (2022) 73(2): 407–437.
   https://doi.org/10.1093/bjps/axz049

2. Travis LaCroix. 2019. "Evolutionary explanations of simple communication: Signalling games and their models." *Journal for General Philosophy of Science / Zeitschrift für allgemeine Wissenschaftstheorie* (2020) 51(1): 19–43.
   https://doi.org/10.1007/s10838-019-09481-7

1. Travis LaCroix. 2018. "On salience and signalling in sender-receiver games: Partial pooling, learning, and focal points." *Synthese* (2020) 197(4): 1725–1747.
   https://doi.org/10.1007/s11229-018-1766-z

Book Chapters

1. Travis LaCroix. 2023. "Deep learning and ethics", chapter 21 in Simon J. D. Prince, *Understanding Deep Learning*. Cambridge, MA: The MIT Press.

Conference Proceedings (*Peer Reviewed*)

2. Michael Noukhovitch, Travis LaCroix, Angeliki Lazaridou and Aaron Courville. 2021. "Emergent communication under competition." In U. Endriss, A. Nowé. F. Dignum, and A. Lomuscio (eds.), *Proc. of the 20th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2021)*, London, UK, 3–7 May 2021, International Foundation for Autonomous Agents and Multiagent Systems. 974–982. dl.acm.org/doi/10.5555/3463952.3464066

1. Michael Noukhovitch, Travis LaCroix, Angeliki Lazaridou, and Aaron Courville. 2020. "Emergence of communication with selfish agents. (Extended Abstract)" In Andrea Ravignani, Chiara Barbieri, Molly Flaherty, Yannick Jadoul, Ella Lattenkamp, Hannah Little, Mauricio Martins, Katie Mudd, Tessa Verhoef (eds.), *The Evolution of Language: Proceedings of the 13th International Conference.* 314-318. brussels.evolang.org/proceedings/evolang13_proceedings.pdf

Book Reviews (*Peer Reviewed*)

1. Travis LaCroix. 2023. "Review of Ronald J. Planer and Kim Sterelny's From Signal to Symbol: The Evolution of Language - Ronald J. Planer and Kim Sterelny, From Signal to Symbol: The Evolution of Language. Cambridge: The MIT Press (2021), 296 pp. $35.00 (hardcover)" *Philosophy of Science* (2024) 91(1): 257–260. https://doi.org/10.1017/psa.2023.75

Popular Media (*Not Peer Reviewed*)

3. Travis LaCroix. 2023. "Philosophy on the Spectrum: The Philosophy of Autism and Autistic Philosophy, Syllabus Showcase" *Blog of the APA*, 20 March 2023. https://blog.apaonline.org/2023/03/20/syllabus-showcase-philosophy-on-the-spectrum-the-philosophy-of-autism-and-autistic-philosophy-travis-lacroix/

2. Travis LaCroix. 2022. "A Category Mistake: Benchmarking Ethical Decisions for AI Systems Using Moral Dilemmas" *Blog of the APA*, 16 June 2022. blog.apaonline.org/2022/06/16/a-category-mistake-benchmarking-ethical-decisions-for-ai-systems-using-moral-dilemmas/

1. Travis LaCroix. 2022. "Research Summary: 'Moral Dilemmas for Moral Machines'" *The AI Ethics Brief #103*. Montréal AI Ethics Institute. 14 June 2022. montrealethics.ai/moral-dilemmas-for-moral-machines/

ARTICLES

Papers Under Review
(*Drafts available upon request*)

"Autism and the pseudoscience of mind"

"Information and meaning in the evolution of compositional signals"

"Learning from learning machines: Optimisation, rules, & norms" (w/ Y. Bengio)

"Metaethical perspectives on 'benchmarking' AI ethics" (w/ A. S. Luccioni)

"What do philosophers talk about when they talk about autism?" (w/ A. Amero and B. Sidloski)

"What Russell can denote: Aboutness & denotation between *Principles* & 'OD'"

Refereed Talks (*Peer Reviewed)*

24. "What do philosophers talk about when they talk about autism?"
(T. LaCroix, A. Amero, and B. Sidloski)
Canadian Society for the History and Philosophy of Science
Montréal, Québec, 19–21 June 2024.

23. "Autism and the pseudoscience of mind"
Atlantic Regional Philosophers Association
Charlottetown, Canada, 13–14 October 2023.

22. "Artificial intelligence and the value alignment problem"
Canadian Philosophical Association
Toronto, Canada, 29 May – 1 June 2023. *Symposium Contribution.*

21. "Autism and the pseudoscience of mind"
Canadian Society for the History and Philosophy of Science
Toronto, Canada, 27–29 May 2023.

20. "Artificial intelligence and the value alignment problem"
Philosophy, AI, and Society Workshop
Stanford, USA, 27–28 January 2023.

19. "Information and meaning in the evolution of compositional signals"
Philosophy of Science Association
Pittsburgh, USA, 10–13 November 2022.

18. "Moral dilemmas for moral machines"
American Philosophical Association, Pacific Division
Vancouver, Canada, 13–16 April 2022.

17. "The linguistic blind spot of value-aligned agency, natural and artificial"
Workshop on Normative Theory and Artificial Intelligence
Online, 10 March 2022.

16. "Reflexivity, functional reference, & modularity: Targets for language origins"
Philosophy of Science Association
Baltimore, USA, 11–14 November 2021.

15. "Est-ce que vous compute? Code-switching, cultural identity, & AI"
(A. Falbo and T. LaCroix)
Workshop on Feminism, Social Justice, and AI
Online, 26–28 July 2021.

14. "If gradualism is the correct approach to language origins, then compositionality is
not a plausible explanatory target"
Canadian Philosophical Association
London, Canada, 1–4 June 2020. [*Cancelled due to* COVID-19]

13. "Learning from learning machines: Optimisation, rules, & social norms"
(T. LaCroix and Y. Bengio)
Canadian Society for the History & Philosophy of Science
London, Canada, 30 May – 1 June 2020. [*Cancelled due to* COVID-19]

12. "Emergent communication under conflict of interest"
    (M. Noukhovitch, T. LaCroix, and A. Courville)
    EvoLang XIII: Evolution of Language International Conferences
    Brussels, Belgium, 14–17 April 2020. [*Cancelled due to* COVID-19]

11. "Learning from learning machines: Optimisation, rules, & social norms"
    (T. LaCroix and Y. Bengio)
    Artificial Intelligence and Moral Learning, Symposium at AISB-2020:
    Society for the Study of AI and Simulation of Behaviour
    London, UK, 6–9 April 2020. [*Cancelled due to* COVID-19]

10. "Learning from learning machines: Optimisation, rules, & social norms"
    (T. LaCroix and Y. Bengio)
    Canadian Society for Epistemology
    Montréal, Québec, 14–16 November 2019.

9. "Accounting for role-asymmetries in the evolution of compositional signals"
   Canadian Philosophical Association
   Vancouver, Canada, 1–4 June 2019.

8. "Using logic to evolve more logic: Composing logical operators via self-assembly"
   Society for Exact Philosophy
   Toronto, Canada, 17–19 May 2019.

7. "Using logic to evolve more logic: Composing logical operators via self-assembly"
   American Philosophical Association, Pacific Division
   Vancouver, Canada, 17–20 April 2019.

6. "Less is more: Degrees of compositionality for complex signals"
   Philosophy of Science Association
   Seattle, USA, 1–4 November 2018. *Symposium Contribution.*

5. "Reference by proxy and truth-in-a-model"
   Western Canadian Philosophical Association
   Calgary, Canada, 26–28 October 2018.

4. "On the role of power in the evolution of inequitable norms"
   (T. LaCroix and C. O'Connor)
   L'Association Canadienne de Philosophie
   Montréal, Québec, 4–7 June 2018.

3. "The role of power in the evolution of inequitable norms"
   (T. LaCroix and C. O'Connor)
   Latin American Association for Analytic Philosophy, and
   Colombian Conference on Logic, Epistemology, and Philosophy of Science
   Villa de Leyva, Colombia, 16–18 May 2018.

2. "On salience and signalling in sender-receiver games"
   Western Canadian Philosophical Association
   Regina, Canada, 13–15 October 2017.

1. "Signalling games & their models"
   Colombian Conference on Logic, Epistemology, & Philosophy of Science
   Bogotá, Colombia, 17–19 February 2016.

Symposium Organisation (*Peer Reviewed*)

2. "Artificial intelligence and the value alignment problem"
Organiser: T. LaCroix, A. Kasirzadeh
Speakers: T. LaCroix, A. Kasirzadeh, K. Vold
Canadian Philosophical Association Annual Meeting
Toronto, Canada, 27–29 May 2023

1. "Evolutionary explanations of compositional communication"
Organiser: T. LaCroix
Speakers: T. LaCroix, J. A. Barrett, J. Armstrong, M. Berthet, S. Steinert-Threlkeld
Philosophy of Science Association 2018 Biennial Meeting
Seattle, USA, 1–4 November 2018

Invited Talks (*Not Peer Reviewed*)

10. "Artificial intelligence and the value alignment problem"
Canadian AI 2024, *Responsible AI Track*
Guelph, Canada, 27–31 May 2024

9. Panel Discussion on the Adoption of AI
Dalhousie AI Symposium, *Responsible AI Track*
Halifax, Canada, 09 May 2024

8. "Artificial intelligence and the value alignment problem"
Durham University, Department of Philosophy
Online, 21 March 2024

7. "Artificial intelligence & the value alignment problem: A philosophical introduction"
University of Illinois, Department of Philosophy
Chicago, USA, 07 February 2024

6. "Power by association"
(T. LaCroix and C. O'Connor)
Durham University, Department of Philosophy
Online, 12 May 2021

5. "AI human compatibility and Stuart Russell's approach: What is the right proxy for artificial moral agency?"
(D. Martin and T. LaCroix)
Journée d'étude sur l'éthique des algorithmes (CRÉ-OBVIA)
Montréal, Québec, 12 February 2021

4. "The tragedy of the AI commons"
(T. LaCroix and A. Mohseni)
Weekly Seminar, Schwartz Reisman Institute for Technology & Society
Toronto, Canada, 9 December 2020

3. "Epistemology and the structure of language"
(J. A. Barrett and T. LaCroix)
Concordia Research Symposium in Philosophy (CRSP) *Winter 2020*
Montréal, Québec, 7 February 2020.

2. "Less is more: Degrees of compositionality for complex signals"
   Interdisciplinary Workshop Series, Philosophy, McGill University
   Montréal, Québec, 23 October 2018.

1. "Power by association"
   (T. LaCroix and C. O'Connor)
   IMBS Friday Seminar, Institute for Mathematical Behavioral Sciences, UCI
   Irvine, USA, 27 April 2018.

Colloquia (*Not Peer Reviewed*)

8. "What do philosophers talk abotu when they talk about autism?"
   (T. LaCroix and A. Amero)
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 26 April 2024

7. "The autistic metrestick in Paris: Autism and the value-free ideal of science"
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 05 April 2024

6. "Artificial intelligence & the value alignment problem: A philosophical introduction"
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 01 December 2023

5. "Autism and the pseudoscience of mind"
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 14 July 2023

4. "Moral dilemmas for moral machines: Perspectives on 'benchmarking' ethics for AI"
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 24 March 2023 [*Rescheduled from 07 October 2022*]

3. "On being in (autistic) community"
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 26 November 2022

2. "Workshop panel on Embedded EthiCS in FCS"
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 24 June 2022

1. "The linguistic blind spot of value-aligned agency, natural and artificial"
   Philosophy Colloquium, Dalhousie University
   Halifax, Canada, 26 November 2021

Poster Presentations (*Peer Reviewed*)

3. "Cheap-talk declarations and the tragedy of the AI commons"
   (T. LaCroix and A. Mohseni)
   Philosophy of Science Association
   Virtual Poster Forum: January, February 2021
   In-Person Poster Forum: Baltimore, USA, 11–14 November 2021.

2. "Emergent communication under competition"
   (M. Noukhovitch, T. LaCroix, A. Lazaridou, and A. Courville)
   Autonomous Agents and Multiagent Systems (AAMAS)
   London, UK, 3–7 May 2021.

1. "Biology & compositionality: Empirical considerations for 'Eme-Comm' protocols"
   Neural Information Processing Systems (NeurIPS) 2019
   Workshop on Emergent Communication
   Vancouver, Canada, 8–14 December 2019.

Invited Commentaries *(Not Peer Reviewed)*

4. "When Levels Intervene" (Tyler Millhouse) *Society for the Metaphysics of Science Conference*, Dalhousie University, Halifax, Canada, 10–12 August 2023.

3. "A pragmatic-semiotic defence of bivalent logic" (Marc Champagne) *Canadian Philosophical Association*, University of British Columbia, Vancouver, Canada, 1–4 June 2019.

2. "Responsibility for saying and asserting" (Henry Schiller) *L'Association Canadienne de Philosophie*, Université du Québec à Montréal, Montréal, Québec, 4–7 June 2018.

1. "Simplicity and a priori probability principles" (Noa Latham) *L'Association Canadienne de Philosophie*, Université du Québec à Montréal, Montréal, Québec, 4–7 June 2018.

TEACHING
EXPERIENCE

Instructor of Record

Durham University

Module Lead

Political Philosophy (PHIL 2081) [*Scheduled*]	2025-2026
Political Philosophy (PHIL 2081)	2025

Lectures

Ethics and Values (PHIL 1011)	2024-2025
Political Philosophy (PHIL 2081)	2024-2025

Tutorials/Seminars

The Philosophical Traditions (PHIL 1091)	2024-2025
Fundamentals of Logic (PHIL 2181)	2024-2025
Issues in Contemporary Ethics (PHIL 3131)	2024-2025
Ethics and Bias in Data Science (PHIL 42415)	2024-2025

Dalhousie University

Social, Ethical and Professional Issues in Computing Science	Winter 2024
Department of Philosophy (2490)	
Faculty of Computer Science (3101)	

Case Studies in Computing and Society   Winter 2024
     Faculty of Computer Science (1801)
     Faculty of Arts & Social Science (1801)

Philosophy of Social Science   Fall 2023
     Department of Philosophy (3520/5520)
     Department of Political Science (3496/5496)

Logic: Understanding of Scientific Reasoning   Fall 2023
     Department of Philosophy (2660)

Social, Ethical and Professional Issues in Computing Science   Winter 2023
     Department of Philosophy (2490)
     Faculty of Computer Science (3101)

Case Studies in Computing and Society   Winter 2023
     Faculty of Computer Science (1801)
     Faculty of Arts & Social Science (1801)

Topics in Philosophy of Psychology   Fall 2022
     Department of Philosophy (4070 / 5070)
          Topic - The Philosophy of Autism and Autistic Philosophy

Logic: Understanding of Scientific Reasoning   Fall 2022
     Department of Philosophy (2660)

Social, Ethical and Professional Issues in Computing Science   Winter 2022
     Department of Philosophy (2490)
     Faculty of Computer Science (3101)

Case Studies in Computing and Society   Winter 2022
     Faculty of Computer Science (1801)
     Faculty of Arts & Social Science (1801)

Topics in Ethics I   Fall 2021
     Department of Philosophy (4114 / 5115)
          Topic - Evolutionary Ethics

University of Toronto

Seminar in Philosophy of Science   Summer 2021
     Department of Philosophy (455H)
          Topic - Artificial Intelligence and the Value alignment Problem

Teaching Assistant

University of California, Irvine

Inductive Logic, Simon Huttegger   Spring 2018
     Department of Logic and Philosophy of Science (31)
     Department of Philosophy (31)

Introduction to Linguistics, Arunima Choudhury Department of Linguistics (3)	Winter 2018
Acquisition of Language, Lisa Pearl Department of Linguistics (51) Department of Cognitive Sciences (56)	Fall 2017
Inductive Logic, Simon Huttegger Department of Logic and Philosophy of Science (31) Department of Philosophy (31)	Spring 2017
Probability and Statistics for Economics I, Kent Johnson Department of Economics (15A)	Winter 2017

Simon Fraser University

Critical Thinking, Jillian McIntosh Department of Philosophy (xx1)	Spring 2016
Critical Thinking, Jillian McIntosh Department of Philosophy (xx1)	Fall 2015
Critical Thinking, Jillian McIntosh Department of Philosophy (xx1)	Spring 2015
Introduction to Ethics, Evan Tiffany Department of Philosophy (120W)	Fall 2014

Guest Lectures

Saint Mary's University

"Autism and neurodiversity" *Healthcare Ethics and the Law* (Philosophy), 03 Oct. 2023.

University of California, Irvine

"Language and cognition" *Acquisition of Language* (Linguistics/Psychology), 1 Dec. 2017.

SUPERVISION

Graduate Student Supervision

Schwartz Reisman Institute for Technology and Society

Graduate Fellows Cohort Lead (15 graduate students)	2020-2021

Mila - Québec Artificial Intelligence Institute

Peer Advisor (Mila Peer Advisor Programme)	2020-2021

Undergraduate Student Supervision

Dalhousie University

Rio Sharp (honour's thesis advisor)	2023–2024
Delia Topitzer	2021–2022
Amy Tenenbaum	2021–2022

University of Toronto

Ariel Rozinov, University of Toronto	2021–2022

Research Assistants

Dalhousie University

Kayla Marie Beals, Undergraduate RA (NSERC USRA)	Summer 2024
Derek Andrews, Graduate (Doctoral) RA	Summer 2024
Alexis Amero, Undergraduate RA	Fall 2023, Winter, Summer 2024
Benjamin Sidloski, Graduate (Masters) RA	Fall 2023, Winter, Summer 2024
Prasidha Parasuraman, Undergraduate RA	Summer, Fall 2023

Teaching Assistants

Dalhousie University

Case Studies in Computing and Society	Winter 2024
Faculty of Arts and Social Science (1801)	
5 teaching assistants	
Social, Ethical, and Professional Issues in Computing Science	Winter 2024
Department of Philosophy (2490)	
Faculty of Computer Science (3101)	
2 teaching assistants	
Case Studies in Computing and Society	Winter 2023
Faculty of Arts and Social Science (1801)	
9 teaching assistants	
Social, Ethical, and Professional Issues in Computing Science	Winter 2023
Department of Philosophy (2490)	
Faculty of Computer Science (3101)	
2 teaching assistants	
Case Studies in Computing and Society	Winter 2022
Faculty of Arts and Social Science (1801)	
7 teaching assistants	
Social, Ethical, and Professional Issues in Computing Science	Winter 2022
Department of Philosophy (2490)	
Faculty of Computer Science (3101)	
2 teaching assistants	

AWARDS AND
HONOURS

Grants

Social Sciences and Humanities Research Council (SSHRC)
Insight Development Grant (CAD 74,516), 2023-2025
"Philosophy on the Spectrum: The Philosophy of Autism and Autistic Philosophy"
https://autphi.github.io

Fellowships

Fonds de Recherche du Québec – Société et Culture (FRQSC)
Bourse postdoctorale (B3Z) [Postdoctoral fellowship]
University of Calgary (CAD 110,000), DECLINED, 2020-2022

Scholarships

Social Sciences and Humanities Research Council (SSHRC)
Joseph-Armand Bombardier Canada Graduate Scholarships
Simon Fraser University (CAD 17,500), 2015-2016

Social Sciences and Humanities Research Council (SSHRC)
Joseph-Armand Bombardier Canada Graduate Scholarships
University of British Columbia (CAD 17,500), DECLINED, 2014-2015

Academic Awards

Dalhousie University

President's Awards for the Advancement of Equity, Diversity, Inclusion and Accessibility, 2023, NOMINATED.

University of California, Irvine

Associate Dean's Graduate Fellowship (USD 6,900), 2020, DECLINED.

Chancellor's Club for Excellence Fellowship (USD 12,000), 2019, NOMINATED.

Justine Lambert Graduate Prize in the Foundations of Science, for "On Salience and Signaling: Partial Pooling, Learning, and Focal Points" (USD 1000), 2018.

Social Science Merit Fellowship (USD 257,818), 2016–2022.

Simon Fraser University

Graduate Fellowship (CAD 6250), 2015

University of British Columbia

John Alexander Scholarship in Humanities (CAD 1500), 2014

Robert and Kazuko Barker Award (CAD 225), 2014

PROFESSIONAL
SERVICE

Departmental Service

Department of Philosophy, Durham University

Director of Research Cluster, Aesthetics, Ethics and Politics	2024-2025
Exam Board Rep	2024-2025

Department of Philosophy, Dalhousie University

Faculty Advisor, Undergraduate Philosophy Students Society	2023-2024
Colloquium Chair	Fall 2022

Disciplinary Service

Journal Referee. *Philosophy of Science* (2024, 2023); *British Journal for the Philosophy of Science* (2024, 2022, 2021, 2020, 2019); *Humanities & Social Sciences Communications* (2024); *Biology and Philosophy* (2024); *Episteme* (2022); *Dialogue: Canadian Philosophical Review / Revue canadienne de philosophie* (2021); *Synthese* (2021, 2020); *American Philosophical Quarterly* (2021); *Proceedings of the Royal Society B: Biological Sciences* (2021); *Erkenntnis* (2020); *Journal of Experimental and Theoretical Artificial Intelligence* (2020); *Games* (2020); *International Studies in the Philosophy of Science* (2020); *Inquiry: An Interdisciplinary Journal of Philosophy* (2019).

Book Referee. The MIT Press (2021).

Ethics Reviewer. *Conference on Neural Information Processing Systems* (NeurIPS; 2024, 2023, 2022).

Grant Referee. National Science Foundation, Science and Technology Studies Program (2023).

Programme Committee Member. *Conference on Artificial Intelligence, Ethics, and Society* (AIES; 2024, 2023, 2022, 2021); *Conference on Fairness, Accountability, and Transparency* (FAccT; 2024, 2023, 2022); *International Conference on Learning Representations*, Workshop on Gamification and Multiagent Solutions (ICLR; 2022); *Conference on Neural Information Processing Systems* - Cooperative AI Workshop (NeurIPS; 2021, 2020).

Conference Referee. *EvoLang XIII: Evolution of Language International Conferences* (2020); *The Vancouver Summer Philosophy Conference* (2019).

Workshop Organisation. Scientific Advisor and Senior Programme Committee Member, Emergent Communication Workshop (EmeComm 2023); Scientific Advisor and Senior Programme Committee Member, Emergent Communication Workshop (EmeComm 2022), *International Conference on Learning Representations* (*ICLR*, 2022).

Conference Chair. *Philosophy of Science Association*, (10–13 November 2022, Pittsburgh, USA); *Vancouver Summer Philosophy Conference* (19–23 August 2018, Vancouver, CAN); *F-SEW: Formal Social Epistemology Workshop* (25–26 May 2018, Irvine, USA); *Western Canadian Philosophical Association* (13–15 October 2017, Regina, CAN); *American Philosophical Association*, Pacific Division (30 March – 3 April 2016, San Francisco, USA).

Public Service

Public Policy. United Nations Educational, Scientific and Cultural Organisation (UNESCO) global consultation on the ethics of artificial intelligence (2020).

IN THE MEDIA   *Interviews*

Interview with Amelia Hicks. 2023. *NeuroDiving: A Philosophy Podcast about Neurodivergence.* Episode 4 - Zombie Pseudoscience. https://neurodiving.fm

Interview with Amelia Hicks. 2023. *NeuroDiving: A Philosophy Podcast about Neurodivergence.* Episode 5 - New Paradigms, New Values. https://neurodiving.fm

Interview with Ryan Bellefontaine. 2021. "Should you delete Facebook? It's complicated" *The Signal.*

Engagement with Research

Article discussing LaCroix (2022): Jonny Thomson, "Whose ethics should be programmed into the robots of tomorrow?" *Big Think.* 11 Apr 2022. https://bigthink.com/thinking/robots-ethical-decisions/

White paper on Falbo and LaCroix (2022): "Keeping with the status quo: Epistemic calcification and testimonial smothering in AI" *Feminism, Social Justice, and AI Workshop.*

Write up on LaCroix, Geil, O'Connor (2021): Rebecca Lea Morris, "Why retracted papers continue to be cited and what we can do about it" *Medium* 22 Sep 2021. https://medium.com/@rlmorris/why-retracted-papers-continue-to-be-cited

LANGUAGES	English (native), French (intermediate)

TECHNICAL
CAPACITIES

Mathematics: ODEs / PDEs, Linear Algebra, Multivariate / Vector Calculus

Logic: Set Theory, Modal Logic, Predicate Logic

Programming Languages: Python, Java, Javascript

Markup: LaTeX, HTML, CSS, Markdown

Computation and Graphing: R, MatLab, Excel

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REFERENCES

Available upon request.

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