

Curriculum Vitae

R. Jason Winning 

Department of Philosophy • University of Toronto
170 St. George Street • Toronto, ON M5R 2M8
jason.winning@gmail.com • <http://jasonwinning.com/>

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Employment

Postdoctoral Fellow, Dept. of Philosophy, University of Toronto, October 2020–present
Lecturer, Dept. of Philosophy, UC Berkeley, August 2019–December 2020

Education

Graduate:

Ph.D., philosophy and cognitive science, University of California San Diego, March 2019
Visiting scholar, Metaphysics of Entanglement research group, Corpus Christi College, Oxford University, Spring 2017
M.A., philosophy, Northern Illinois University, May 2011

Undergraduate:

B.S., computer science, minor in philosophy, Northern Illinois University, May 2003

Areas of Specialization and Competence

AOS: Phil. of Biology/Neuroscience, Phil. of Mind/Cognitive Science, Metaphysics

AOC: Epistemology, Logic, Applied Ethics

Publications

Journal articles:

- Winning, J. (2020). Mechanistic Causation and Constraints: Perspectival Parts and Powers, Non-Perspectival Modal Patterns. *British Journal for the Philosophy of Science*, 71(4), 1385–1409.
[doi: 10.1093/bjps/axy042](https://doi.org/10.1093/bjps/axy042)
- Winning, J. (2020). Internal Perspectivalism: The Solution to Generality Problems about Proper Function and Natural Norms. *Biology and Philosophy*, 35(33), 1–22.
[doi: 10.1007/s10539-020-09749-z](https://doi.org/10.1007/s10539-020-09749-z)
- Winning, J., & Bechtel, W. (2018). Rethinking Causality in Biological and Neural Mechanisms: Constraints and Control. *Minds and Machines*, 28(2), 287–310.
[doi: 10.1007/s11023-018-9458-5](https://doi.org/10.1007/s11023-018-9458-5)

Book chapters:

- Winning, J., & Bechtel, W. (2019). Being Emergence vs. Pattern Emergence: Complexity, Control, and Goal-Directedness in Biological Systems. In S. C. Gibb, R. F. Hendry, & T. Lancaster (Eds.), *The Routledge Handbook of Emergence* (pp. 134–144). London: Routledge.
- Winning, J., & Bechtel, W. (2016). Information-Theoretic Philosophy of Mind. In L. Floridi (Ed.), *The Routledge Handbook of Philosophy and Information* (pp. 347–360). London: Routledge.

Book reviews:

- Winning, J. (2021). Review of *A Most Interesting Problem: What Darwin's Descent of Man Got Right and Wrong about Human Evolution* edited by J. DeSilva. *Quarterly Review of Biology*, 96(4), 302–303. doi: [10.1086/717385](https://doi.org/10.1086/717385)
- Winning, J. (2019). Is it Time for a Nietzschean Genealogy of Laws of Nature? (Review of Ott & Patton, *Laws of Nature*). *Metascience*, 28(2), 269–271. doi: [10.1007/s11016-019-00416-y](https://doi.org/10.1007/s11016-019-00416-y)
- Winning, J., & Bechtel, W. (2016). Review of *Biological Autonomy: A Philosophical and Theoretical Enquiry* by A. Moreno & M. Mossio. *Philosophy of Science*, 83(3), 446–452. doi: [10.1086/685747](https://doi.org/10.1086/685747)

Presentations

- “Open-Ended Control vs. Closed-Ended Control: Limits of Mechanistic Explanation” Philosophy of Science Association 27th Biennial Meeting, Baltimore, MD, November 2021.
- “An Emulator-Based Hypothesis about Executive Functioning” (poster), 2019 Meeting of the Society for Philosophy and Psychology, San Diego, CA, July 10, 2019.
- “Active Matter and Performance-Monitoring Proteins,” Active Materials Project Summer School, Georgetown University, June 16, 2017.
- “Constraints: The Ontological Bedrock of Aristotelian Causation,” Corpus Christi College, Oxford University, May 16, 2017.
- “Constraints, Causal Powers, and Mechanistic Causation” (poster), 25th Biennial Meeting of the Philosophy of Science Association, Atlanta, GA, November 4, 2016.
- “The Determinates and Realizers of Depression,” 103rd Annual Meeting of the Southern Society for Philosophy and Psychology. New Orleans, LA, March 10, 2011.

Commentaries

- “Bokulich on Fictions, Models and Explanation,” 2020 American Philosophical Association Pacific Division meeting, San Francisco, CA. (Meeting canceled due to COVID-19)
- David Taylor, “Temporal Wholes, Constituent Ontology, and the Special Composition Question”, 2010 Illinois Philosophical Association and Indiana Philosophical Association Joint Meeting. Eastern Illinois University, Charleston, IL, November 6, 2010.
- Andrew Bailey, “A Priority Problem for the Constituent Solution”, 4th Annual Midwest Regional Graduate Philosophy Conference. Northern Illinois University, DeKalb, IL, October 30, 2010.

- Daniel Singer, “Epistemic Conservatism for Imprecise Partial Belief”, 1st Annual Northwestern/Notre Dame Epistemology Conference. Northwestern University, Evanston, IL, April 17, 2010.

Teaching Positions

As instructor at University of Toronto:

- Winter 2022:
 - o PHIL D05: Technology Ethics
- Fall 2021:
 - o HPS 322: Complexity, Order, and Emergence

As instructor at UC Berkeley:

- Summer 2020:
 - o PHIL 132: Philosophy of Mind
 - o PHIL 122: Theory of Knowledge
- Spring 2020:
 - o PHIL 100: Philosophical Methods (One-on-one tutoring). Topic: Personal Identity
 - o PHIL R1B: Reading and Comprehension Through Philosophy. Topic: Mind and Cognition
- Fall 2019:
 - o PHIL 122: Theory of Knowledge
 - o PHIL R1B: Reading and Comprehension Through Philosophy. Topic: Mind and Cognition

As instructor at UC San Diego:

- Winter and Spring 2019: WCWP 10B: Intermediate Academic Argumentation. Topic: Food Ethics
- Fall 2018: WCWP 10A: Introduction to Academic Argumentation. Topic: Climate Change Ethics
- Summer 2018: PHIL 10: Introduction to Logic
- Spring 2018: WCWP 10B: Intermediate Academic Argumentation. Topic: Food Ethics
- Fall 2017 and Winter 2018: WCWP 10A: Introduction to Academic Argumentation. Topic: Technology Ethics
- Summer 2017: PHIL 162: Contemporary Moral Issues
- Summer 2016: PHIL 15: Knowledge and Its Limits

As teaching assistant at UC Berkeley:

- Fall 2020: PHIL 2: Individual Morality and Social Justice under Prof. Hans Sluga

As teaching assistant at UC San Diego:

- Fall 2016: PHIL 12: Scientific Reasoning under Prof. William Bechtel
- Winter 2016: PHIL 27: Ethics and Society I under Prof. Andy Lamey
- Fall 2015: PHIL 28: Ethics and Society II under Prof. Andy Lamey
- Spring 2015 and Summer 2015: PHIL 27: Ethics and Society I under Prof. Gerald Doppelt
- Fall 2014 and Winter 2015: PHIL 10: Introduction to Logic under Prof. Rick Grush

- Spring 2012: PHIL 33: Philosophy between Reason and Despair under Prof. Clinton Tolley
- Winter 2012: PHIL 14: The Nature of Reality under Adam Streed
- Fall 2011: PHIL 27: Ethics and Society I under Prof. Gerald Doppelt

As teaching assistant at NIU:

- Spring 2011: PHIL 101: Introduction to Philosophy under Prof. Alicia Finch
- Fall 2010: PHIL 341: Philosophy of Mind under Prof. Carl Gillett, and PHIL 390: Animal Ethics under Prof. Mylan Engel
- Spring 2010: PHIL 312: Theories and Problems of Reality under Prof. Mylan Engel
- Fall 2009: PHIL 170: World Religions under Dr. John Beaudoin

Undergraduate:

- Spring 1999 to Spring 2000: Tutor at Lincoln Land Community College. Certified by the College Reading and Learning Association. Subjects tutored: Computer Science, College Algebra, Calculus

Non-Teaching Academic Positions

- August 2012 to July 2014: Editorial Assistant and Publications Editor for the journal *Philosophical Psychology*
- Spring 2010: Research Assistant for philosophy dept., Northern Illinois University

Refereeing

- I have served as a reviewer for the following:
 - o *Philosophy of Science*, Nov. 2021, March 2021, & Feb. 2020
 - o Oxford University Press, July 2021
 - o *Theoria*, April 2021
 - o *British Journal for the Philosophy of Science*, January 2021 & October 2020
 - o *Synthese*, September 2020 & March 2017
 - o Vernon Press, June 2020
 - o IConference 2022, 2021, 2020, 2019, 2018
 - o 2019 and 2020 Meetings of the Society for Philosophy and Psychology
 - o 2018 Conference of the Indiana Philosophical Association
 - o *Minds and Machines*, August 2018
 - o *Philosophical Psychology*, February 2018
 - o *Topoi*, April 2017
 - o *European Journal for Philosophy of Science*, April 2016
 - o 2016 Conference of the Indiana Philosophical Association
 - o 2015 Joint Conference of the Indiana Philosophical Association and Kentucky Philosophical Association

Academic Service

- Author of open source philosophy software application “Hypernomicon” (<http://hypernomicon.org/>), freely available for download.
- Served as science reviewer for *Berkeley Scientific Journal*, March 2021
- Refereed submissions for the NIU Graduate Student Philosophy Conference, 2009–2010.

Professional Memberships

- American Philosophical Association
- Philosophy of Science Association
- Society for Personality and Social Psychology
- Southern Society for Philosophy and Psychology

Non-academic Employment

- Software Developer/Research and Development (participated in the design and development of electronic medical record software), Epic Systems Corporation, July 2005 to July 2009
- Web Developer Intern, Liventus Inc., May 2005 to June 2005
- Microcomputer Support Specialist, Southern Illinois University School of Medicine, Nov 2004 to May 2005

Skills

Java, JavaFX, Javascript (including ECMAScript 6 and AJAX), HTML5, Eclipse, C/C++, C#, VB .Net, ASP .Net VB6, VB Script, SQL, Adobe Acrobat, Adobe Photoshop, Adobe Premiere, Adobe Audition, Pro Tools, Cakewalk Sonar, M (programming language), Matlab, Unix, Linux, Mac OS, Embarcadero RAD Studio, all Microsoft Office products, Fortran