

Laura R. Franklin-Hall
Curriculum vitae
November 2020

Academic Appointments

Associate Professor of Philosophy, New York University, 2016 - present
Assistant Professor of Philosophy, New York University, 2009 - 2016
Assistant Professor/Bersoff Fellow, New York University, 2008 - 2009

Education

Columbia University, Ph.D. (with distinction), Philosophy, October 2008

Dissertation: "*From a Microbiological Point of View*"
Advisor: Philip Kitcher

Stanford University, BS, Biological Sciences, June 2000

Published and Forthcoming Work in Philosophy

philosophy

1. "Exploratory Experiments" (2005) *Philosophy of Science* 72:888-899
2. "Bacteria, Sex and Systematics" (2007) *Philosophy of Science* 74:69-95
3. "Trashing Life's Tree" (2010) *Biology and Philosophy* 25:689-709
4. "Natural Kinds as Categorical Bottlenecks" (2015) *Philosophical Studies* 175: 924-948
5. "Explaining Causal Selection with Explanatory Causal Economy" (2015) *Explanation in Biology*, eds. Malaterre and Braillard, p. 413-438
6. "High-Level Explanation and the Interventionist's 'Variables Problem'" (2016) *British Journal for the Philosophy of Science* 67: 553-577
7. "New Mechanistic Explanation and the Need for Explanatory Constraints" (2016) *Scientific Composition and Metaphysical Ground*, eds. Aizawa and Gillett, p. 41-74
8. "The Animal Sexes as Historical Explanatory Kinds" (2020) in *Current Debates in the Philosophy of Science*, eds. Dasgupta and Weslake, p. 177-197
9. "The Causal Economy Account of Scientific Explanation" Forthcoming in *Minnesota Studies in the Philosophy of Science*, eds. Waters and Woodward

Selected In-Progress Work in Philosophy

"Sex and Gender from a Historical Point-of-view"

"The Meta-Explanatory Question"

"Why are Some Kinds Historical and Others are Not?"

"Pregnancy and the Possibility of Biological Law"

Published Work in Biology

1. "Quantification of neuron survival in monolayer cultures with an enzyme-linked immunosorbent assay approach, rather than by cell counting" (1999) Brooke SM, Bliss TM, *Franklin LR*, Sapolsky RM *Neuroscience Letters* 267(1):21-4
2. "Glucocorticoids exacerbate the deleterious effects of gp120 in hippocampal and cortical explants" (2000) Yusim A, *Franklin L*, Brooke S, Ajilore O, Sapolsky R *Journal of Neurochemistry* 74:1000-7
3. "Neuroprotective effects of an adenoviral vector expressing the glucose transporter: a detailed description of the mediating cellular events" (2001) Gupta A, Ho DY, Brooke S, *Franklin L*, Roy M, McLaughlin K, Fink SL, Sapolsky RM *Brain Research* 908(1):49-57
4. "The Nootropic Drug inopocetine Inhibits Veratridine-Induced $[Ca^{2+}]_i$ Increase in Rat Hippocampal CA1 Pyramidal Cells" (2001) Tibor Zelles, *Laura Franklin*, Istvan Koncz, Balazs Lendvai, and Gabriella Zsilla *Neurochemical Research* 8/9:1095-1100
5. "Mechanism of the persistent sodium current activator veratridine-evoked Ca^{2+} elevation: implication for epilepsy" (2009) Adam Fekete, *Laura Franklin*, Takeshi Ikemoto, Balazs Rozsa, Balazs Lendvai, E. Sylvester Vizi and Tibor Zelles *Journal of Neurochemistry* 111:745-756
6. "Prokaryotic evolution and the tree of life are two different things" (2009) Eric Baptiste, Maureen A O'Malley, Robert G Beiko, Marc Ereshefsky, J Peter Gogarten, *Laura Franklin-Hall*, François-Joseph Lapointe, John Dupré, Tal Dagan, Yan Boucher and William Martin *Biology Direct* 4:34

Selected Presentations

TBD (all virtual)

- 2021, January, Colloquium, Leeds Centre for History and Philosophy of Science
- 2021, February, Philosophy Colloquium, University of Indiana at Bloomington
- 2021, March, Workshop on Natural Kinds, University of Riejska

"Pregnancy and the Possibility of Biological Law"

- 2018, November, Philosophy of Science Association Meeting (refereed symposium)

"The Animal Sexes as Queer Kinds"

- 2019, May, Recent Trends in the Philosophy of Biology, Bilkent University (keynote)
- 2018, March, 14th annual Burian-McNabb Distinguished Lecture at Virginia Tech (invited)
- 2018, March, University of Western Ontario (invited)
- 2018, April, UC Berkeley Philosophy Colloquium (invited)
- 2018, April, LPS Interest Group Talk, University of Toronto (invited)
- 2018, November, Columbia University Philosophy Colloquium (invited)

"The Mind-Independence Standard for Natural Kind Realism"

- 2016, November, Symposium on Natural Kinds at PSA 2016 (refereed)

"Why Are Some Natural Kinds Historical and Others Not?"

- 2016, April, Metro Area Philosophy of Science Lecture (invited)
- 2016, April, Missouri Philosophy of Science Workshop (invited)
- 2017, June, "Can Biological Practice Inform Metaphysics?" University of Cologne (invited)
- 2017, October, York University Philosophy Colloquium (invited)
- 2018, June, Canadian Philosophical Association Meeting (refereed symposium)
- 2019, August, Bergen Philosophy of Science Workshop (invited)

"Between Explanatory Objectivity and Explanatory Anthropomorphism"

- 2014, November, Philosophy of Science Association, Chicago (refereed)

"Natural Kinds as Categorical Bottlenecks"

- 2014, May, California Institute of Technology Humanities Colloquium (invited)

- "Kinds, Bottlenecks, and Probabilities"
2012, September. Conference for Richard Boyd and Nicholas Sturgeon, Cornell (invited)
- "The Causal Economy Account of Scientific Explanation"
2014, October, "Emergence and Reduction" workshop, Paris (invited)
2012, May. Causation in Biology Workshop, U. Minnesota (invited / pre-read)
2012, March. Explanatory Styles in the Life Sciences, The Van Leer Institute (invited)
- "High-Level Explanation and the Interventionist's Dilemma"
2011, November. Temple Philosophy Dept. Colloquium (invited)
- "The Emperor's New Mechanisms"
2015, April, Workshop on Composition and Ground, Rutgers University (invited)
2011, July. ISHPSSB, Salt Lake
2011, February. University of Calgary (invited)
- "The Possibility of Biology"
2015, July, ISHPSSB, Montreal
2014, September, "Causality and Complexity in the Sciences," Cologne (invited)
2013, June. Complex Systems Workshop, University of Cologne (invited)
2012, December. The Van Leer Institute, Jerusalem (invited)
2010, May. Philosophy of Biology @ Madison (referee)
2010, April. Rutgers Center for Cultural Analysis (invited)
- "Explaining the Tree-Likeness of Biological, Linguistic and Cultural Ancestries"
2010, July. Tree of Life Workshop, London (invited)
2010, July. Theories of Evolution in the Science of Man, Ulm
- "Trashing Life's Tree"
2010, July. Society for Molecular Biology and Evolution, Lyon (invited)
2009, November. 150 Years of Evolution, San Diego State (invited)
2009, August. Perspectives on the Tree of Life, Halifax, NS (invited)

Teaching

graduate

- Third Year Workshop – *Fall 2019*
Explanation Across the Disciplines (with Michael Strevens) – *Spring 2019*
Work in Progress Seminar, NYU – *Spring 2015, Fall 2018, Spring 2021*
Advanced Introduction to the Philosophy of Science, NYU – *Spring 2012*
Philosophy of Biology, NYU – *Spring 2011, Fall 2015*
Evolution and Ethics (with Sharon Street), NYU – *Spring 2010*
Scientific Realism, NYU – *Spring 2009*

undergraduate

- Sex and Gender in Philosophical Perspective – *Spring 2021*
Topics in Metaphysics and Epistemology – *Spring 2017*
Senior Honors Seminar, NYU – *Fall 2010, Fall 2011, Fall 2015*
Philosophy of Science, NYU – *Fall 2009*
What is Life? NYU – *Fall 2009, Spring 2017*
Philosophy of Biology, NYU – *Spring 2009, Fall 2010, Fall 2011, Spring 2013*
Contemporary Civilization, Columbia – *2006-2007, 2007-2008*

advising

- Samuel Lee (PhD committee member, NYU, ongoing)
Zdenka Brzovic (PhD committee member, University of Rijeka, 2019)
Harjit Boghal (PhD committee member, NYU, 2017)
Marco Nathan (PhD committee member, Columbia, 2012)
Diana Klopsis (honors thesis advisor, NYU, 2011)

Service

to the profession

Mentor for Athena-in-Action, June 2020

Referee for: BioEssays, Philosophical Studies, International Studies in the Philosophy of Science, Philosopher's Imprint, Biology and Philosophy; Philosophy of Science, British Journal for the Philosophy of Science, European Journal for Philosophy of Science, Springer (book chapter), Erkenntnis, Columbia University Press, Theoria, Pacific Philosophy Quarterly, Mind, Synthese, Ratio.

Program Committee for: Society for the Metaphysics of Science (2015, 2017), "Reduction and Emergence in the Sciences" (2015), Philosophy of Biology at Madison (2016)

Journal Editing: section editor, Ergo, an Open Access Journal of Philosophy (July 2013 - present)

to the university

supervised tutors in NYU Writing Fellows Program (Spring 2009, Spring 2010, Fall 2011), Judge for Undergraduate Research Conference (April 2010, April 2012), CAS Scholars Lecture (March 2011), Freshman Dialogue Discussion Leader (August 2013, August 2014), Committee on Information, Technology and Library Services (term: Fall 2016 - Spring 2019), CAS Technology Enhanced Education Committee (Fall 2018 - present), Interdepartmental Faculty Mentor (2018-2019)

to the department

Environmental Ethics Search Committee (2008-09), Bersoff Faculty Fellow Search Committee (2009-10), Colloquium Committee (2010-11, 2011-12, Spring 2013, Spring 2016), Graduate Admissions Committee (2011, 2013, 2015), Undergraduate Task Force (2015-2016), Professional Development Task Force (Spring 2016), Director of Graduate Studies (2018-2019), NYU Shanghai Search Committee (2019-2020)

Collaborations

Invited Collaborator, "Causation and Explanation" Group, University of Cologne, 2013 – 2015
Invited Participant in the "Philosophical Perspective on Causal Reasoning in Biology" Project, University of Minnesota, 2011 – 2012
Invited Member of the "Questioning the Tree of Life" Network, University of Exeter, 2008 – 2010
Member of the Science and Religion Working Group, NYU, 2008 – 2009

Laboratory Research

September 2000 – July 2001
Researcher: Institute of Experimental Medicine, Hungarian Academy of Science
(working under Professor E.S. Vizi) topics: neuropharmacology, hippocampal cell survival

June 1998 – August 2000
Research Assistant: Stanford University Department of Biological Sciences
(working under Professor Robert Sapolsky) topics: stress hormones, calcium regulation

Career Interruptions

Spring/Summer 2014: Parental leave
Summer/Fall 2016: Parental leave
Winter/Summer 2020: Parental leave