

Laura R. Franklin-Hall  
*Curriculum vitae*  
September 2016

### Academic Appointments

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

### Education

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*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

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#### *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 Causal Economy Account of Scientific Explanation" forthcoming in *Minnesota Studies in the Philosophy of Science*, eds. Waters and Woodward

### Selected Commissioned and In-Progress Work in Philosophy

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9. "Sexes and Natural Kinds" for *Current Debates in the Philosophy of Science* eds. Dasgupta and Weslake
10. "In Defense of Causal Explanatory Hegemony in Biology" for *Explanation Beyond Causation*, eds. Reutlinger and Saatsi
11. "Philosophy of Biology Since 1945" for *Cambridge History of Philosophy, 1945 – 2010*, eds. Becker and Thomson
12. "The Meta-Explanatory Question"

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

#### Published Work in Biology

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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

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TBD

2016, November, Symposium on Natural Kinds at PSA 2016 (refereed)  
2017, Spring, University of Pennsylvania Philosophy Colloquium (invited)

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

2015, February, Workshop on Natural Kinds, CUNY (invited)  
2015, March, SWIP Analytic Talk, CUNY (invited)  
2015, April, University of Maryland Philosophy Colloquium (invited)  
2015, October, Johns Hopkins History and Philosophy of Science Colloquium (invited)  
2016, April, Metro Area Philosophy of Science Lecture (invited)  
2016, April, Missouri 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 (refereed)

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)

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## Teaching

### graduate

Thesis Preparation Seminar, NYU – *Spring 2015*

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

Senior Honors Seminar, NYU – *Fall 2010, Fall 2011, Fall 2015*

Philosophy of Science, NYU – *Fall 2009*

What is Life? NYU – *Fall 2009*

Philosophy of Biology, NYU – *Spring 2009, Fall 2010, Fall 2011, Spring 2013*

Contemporary Civilization, Columbia – *2006-2007, 2007-2008*

### advising

Harjit Boghal (PhD committee member, NYU, ongoing)

Marco Nathan (PhD committee member, Columbia, 2012)

Diana Klopsis (honors thesis advisor, NYU, 2011)

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## Service

### to the profession

Reviewing: (2009) *BioEssays*, *Philosophical Studies*, *International Studies in the Philosophy of Science*, *Philosopher's Imprint*, *Biology and Philosophy*; (2010) *Philosophy of Science*, *British Journal for the Philosophy of Science*; (2011) *Philosopher's Imprint*, *Philosophy of Science*, *European Journal for Philosophy of Science*; (2012) *Philosophy of Science*, Springer (book chapter), *Erkenntnis*, Columbia University Press; (2013) *Theoria*, *British Journal for the Philosophy of Science*, program committee for "Reduction and Emergence in the Sciences," *Philosophy of Science*; (2014) *Philosophy of Science*, *British Journal for the Philosophy of Science* (2x), *Philosophical Studies* (2015) *Pacific Philosophy Quarterly*, *Philosophy of Science*, Society for the Metaphysics of Science 2015 Conference (1 paper), Program Committee for POBAM (2016) *Mind*, *Biology and Philosophy*.

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 2018)

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)

**Collaborations**

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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**

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*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*