

# DANIEL G. SWAIM

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## EMPLOYMENT

### Florida State University

2022-2023 (Renewable) Dean's Postdoctoral Scholar in Philosophy of Science

## EDUCATION

### University of Pennsylvania

2022 Ph.D. in Philosophy

Dissertation: *Time's Deep Rhythms: Models, Mechanisms, and Narratives in Historical Explanation*

Committee: M. Weisberg (adviser), A. Currie (University of Exeter), Q. Spencer, and D. Singer

Awards & Fellowships: Benjamin Franklin Fellowship; Nancy L. Blank Graduate Prize

### Louisiana State University

2016 M.A. in Philosophy

Thesis: *Dispositions in Evolutionary Biology: A Metaphysically Realist Account*

Committee: C.H. Pence (adviser), J. Cogburn, and J. Roland

Awards: LSU Graduate Teaching Assistantship

### Saint Edward's University

2013 B.A. in Philosophy

Awards: Bill & Pat Munday Scholarship Prize; SEU Endowed Scholarship

## RESEARCH & TEACHING INTERESTS

Areas of Specialization: Philosophy of Science, History & Philosophy of Biology, Philosophy of Social Science, Philosophy of History

Areas of Competency: Biomedical Ethics, Metaphysics, Epistemology, Philosophy of Religion

Other Teaching Competencies: Ethics, Logic (intro and advanced), History of Philosophy (esp. Kant & modern), Intro to Philosophy

## PUBLICATIONS

1. **Swaim, D.G.** and Currie, A. Forthcoming. "Minimal Metaphysics vs. Maximal Semantics: A response to Paul Roth and Fons DeWulf." *Journal of Philosophy of History*.
2. Swaim, D.G. 2021. "What Is Narrative Possibility?" *Studies in History and Philosophy of Science* 89: pp. 257-266.
3. Currie, A. and **Swaim, D.G.** 2021. "Past Facts and the Nature of History." *Journal of Philosophy of History*, 1: pp. 1-28.
4. Swaim, D.G. 2019. "The Roles of Possibility and Mechanism in Narrative Explanation." *Philosophy of Science* 86 (5): pp. 858-868.
5. Pence, C.H. and **Swaim, D.G.** 2018. "The Economy of Nature: The Structure of Evolution in Linnaeus, Darwin, and the Modern Synthesis." *European Journal for Philosophy of Science* 8 (3): pp. 435-454.

6. Swaim, D.G. invited contribution. "Geology," in *The Handbook of Philosophy of the Historical Sciences*. Edited by Avizier Tucker. Forthcoming in Bloomsbury Press.
7. Swaim, D.G. Under Review (R&R). "Getting from Here to There: The Contingency of Evidence and the Value of Speculation." *Journal of Philosophy of History*.
8. Swaim, D.G. Under Review (R&R). "Inference to the Best Explanation: A Material Account." *European Journal for Philosophy of Science*.

### CO-ORGANIZED EVENTS

- 2021 *Methods, Theory & Reality Workshop*, D.G. Swaim, C. Davis, and A. Curtis-Trudel
- 2020 *Zoom Philosophy of History Reading Group*, D.G. Swaim and A. Currie

### CONFERENCES & WORKSHOPS

- 2021 "Inference to the Best Explanation: A Material Account"  
Speaker at *Philosophy of Science Association Meeting*
- "Truth and Scientific Understanding(s): A Parting of the Ways?"  
Speaker at *Methods, Theory, and Reality Workshop*
- 2020 "A New Account of Narrative Possibility"  
Speaker at *POBAMz: Philosophy of Biology at the Mountains via Zoom*
- "Archaeological Practice and Explanatory Inference"  
Speaker at *Archaeology Works! - canceled due to COVID*
- Invited participant at *PaleoSchool*
- 2019 "What Is Narrative Possibility?"  
Speaker at *International Society for the History, Philosophy, and Social Studies of Biology*
- 2018 "The Roles of Possibility and Mechanism in Narrative Explanation"  
Speaker at *Philosophy of Science Association Meeting*
- "Explanation in the Historical Sciences: Mechanisms and Possibilities"  
Speaker at *Historical and Scientific Explanation: Reexamining the Connection*
- 2017 Invited participant at *Summer Workshop on Philosophy and Physical Computing*
- 2016 "The Economy of Nature: The Structure of Evolution in Linnaeus, Darwin, and Toward the Extended Synthesis," Speaker at *Contemporary Scientific Realism and the Challenge from the History of Science*
- 2015 "The Economy of Nature and Structural Realism"  
Speaker at *LSU Philosophy Salon*

## **PROFESSIONAL SERVICE**

- 2022 *Erkenntnis*, referee  
*Journal of Philosophy of History*, referee (2x)
- 2021 *British Journal of Philosophy of Science*, referee (2x)  
*Studies in History and Philosophy of Science*, referee (2x)  
*Biology and Philosophy*, referee (2x)
- 2020 *Studies in History and Philosophy of Science: Part C*, referee  
Routledge, book proposal referee
- 2017 National Science Foundation, referee

## **TEACHING EXPERIENCE**

### **Instructor of Record**

- 2023 Introduction to Philosophy (2x)
- 2022 Introduction to Philosophy (2x)
- 2021 Biomedical Ethics

### **Guest Lecturer**

- 2023 “The Nature and Variety of Scientific Models,” Intro to Critical Thinking for C. Davis
- 2019 “Observation and Experimentation,” Intro to Philosophy of Science for M. Weisberg  
“Three Kinds of Adaptationism,” Philosophy of Biology for M. Weisberg
- 2018 “Evidence and Confirmation,” Intro to Epistemology and Metaphysics for D. Singer
- 2015 “Locke’s Theory of Substance,” History of Modern Philosophy for J. Cogburn  
“The Problem of Divine Hiddenness,” Philosophy of Religion for J. Cogburn
- 2014 “The Argument from Design,” Philosophy of Religion for J. Cogburn

### **Teaching Assistant**

- 2019 Philosophy of Science for M. Weisberg
- 2018 Intro to Epistemology and Metaphysics for D. Singer
- 2017 Philosophy of Science for Q. Spencer  
The Social Contract for K. Tan
- 2015 Introduction to Logic for C. Blakeley  
Philosophy of Religion for J. Cogburn

History of Modern Philosophy for J. Cogburn

Intro to Philosophy for C. Blakeley

2014 Logic I for C. Pence

Philosophy of Religion for J. Cogburn

History of Ancient Philosophy for R. Parsons

Intro to Ethics for M. Altamirano

## **GRADUATE COURSEWORK**

### **Philosophy of Science**

Confirmation Theory, M. Weisberg

Topics in Philosophy of Science: Values in Science, M. Weisberg

Philosophy of Biology, M. Weisberg

Philosophy of Science, C. Pence

History & Philosophy of Evolution, C. Pence

### **Logic**

Mathematical Logic, S. Weinstein

Modal Logic & Formal Epistemology, Z. Domotor

Advanced Logic, J. Roland

Modal Logic, J. Roland

### **History of Philosophy**

Aristotle's *Physics*, A. Hahmann

Kant: *First Critique & Prolegomena*, G. Hatfield & R. Horstmann

Descartes' *Natural Philosophy*, K. Detlefsen

Marx: *Das Kapital*, J. Rocha

History of Metaphysics, J. Cogburn

### **Ethics**

Law & Morality of Warfare, C. Finkelstein

Topics in Moral Philosophy: Parfit's *On What Matters*, H. Sarkar

### **Science**

Advanced Evolution, J. Plotkin & T. Linksvayer

Macroevolution, D. Homberger

**REFERENCES**

Michael Weisberg, Weisberg@phil.upenn.edu

Adrian Currie, A.Currie@exeter.ac.uk

Quayshawn Spencer, QSpencer@upenn.edu

Charles H. Pence, Charles@charlespence.net

Daniel Singer, SingerD@phil.upenn.edu (teaching)