ANDREW RICHMOND

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AREAS OF SPECIALIZATION

Philosophy of Cognitive Science	Neuroscience, Psychology, AI
Philosophy of Mind	Computation, Representation, Teleology, Naturalism
Philosophy of Science	Scientific Explanation, Metaphysics of Science

AREAS OF COMPETENCE

Philosophy of Humor, Philosophy of Language, Philosophy of Biology, Neuroethics, Kant, Metaphysics

EMPLOYMENT

Rotman Institute, University of Western Ontario (2022-present)
Postdoctoral Associate and EMRG Lab Coordinator

EDUCATION

Columbia University, Department of Philosophy
PhD (2022), MPhil (2020), MA (2018)

University of Toronto
BA (highest honours), Philosophy (2016)

University of Lethbridge
Work towards BA (2010–2012)

DISSERTATION

Methods in Mind: Explanation in Cognitive Science
Committee: John Morrison (advisor), Jenann Ismael, Chris Peacocke, Frances Egan, Rosa Cao

My dissertation developed scientifically informed accounts of computation and representation in cognitive science. It extended those accounts to argue for a radical externalism about cognitive scientific theories, a change in our approach to the philosophy of mind, and a number of positions on cognitive scientific methodology. Most importantly, it defended a *methodologically nominalist* approach to the philosophy of cognitive science: one that investigates scientific explanation by setting aside the kinds or properties that scientific concepts might refer to, and focuses instead on the concepts themselves and their role in cognitive science's explanatory economy — what they help scientists do, and how.

PUBLICATIONS

Richmond, A. (forthcoming). How Computation Explains. *Mind & Language.* Arxiv

Richmond, A. (2023). Commentary: Investigating the concept of representation in the neural and psychological sciences. *Frontiers in Psychology*, 14:1259808. doi: 10.3389/fpsyg.2023.1259808

PREPRINTS

"What Is a Theory of Neural Representation For?" Arxiv

"What Really Lives in the Swamp? Kinds and the Illustration of Scientific Reasoning." Arxiv

TEACHING EXPERIENCE

As Primary Instructor
Ethics, PHIL 3701	*Summer 2022*
Philosophy and Artificial Intelligence, PHIL 3870	*Spring 2022*
Metaphysics, PHIL 3601	*Summer 2020*

As TA
Symbolic Logic, PHIL 3413	*2021*
Philosophy of Cognitive Science, PHIL 2655	*2021*
Company Failure, PS 5510	*2020*
Philosophy of Psychology, PHIL 3654	*2020*
Ethics, PHIL 3701	*2019*
Kant, PHIL 3251	*2019*
Metaphysics, PHIL 3601	*2018*
Introduction to Logic, PHIL 1401	*2018*
Philosophy of Language and Mind, PHIL 3252	*2017*
Tutor, Philosophy Student Resource Center	*2011–2012*
Grader, Symbolic Logic I, LOGIC 2003	*2011*

Individual Supervision
Paola Fabian, Research Assistant: "Addiction and the Evolution of Free Will"	*2022*
Paola Fabian, Research Assistant: "Neuroethics: Research into Consent and Addiction"	*2021*
Hannah de Jesus, Research Assistant: "Neuroscience and Moral Responsibility"	*2021*
Ryan Carrasco, Research Assistant: "The Neuroscience of Free Will"	*2020*

Certifications
Columbia Teaching Development Program, Advanced Track	*2022*
(Multi-year pedagogy course through Columbia's Center for Teaching and Learning)	

PRESENTATIONS

"Another Negative Program for Experimental Philosophy"
CSHPS, York University	*2023*

"What Really Lives in the Swamp? Kinds and the Illustration of Scientific Reasoning"
CPA, York University	*2023*

"How Computation Explains"
Neuromatch 5.0	*2022*
12th Principia International Symposium: Models and Modeling in the Sciences, USFC	*2021*

"What Is a Theory of Neural Representation For?"
Central APA	*2022*
Neuromatch 4.0	*2021*
Columbia-Mount Sinai Brain Symposium	*2021*
Young Scholars Pragmatism Conference, Cambridge University	*2021*
Neuroscience at the Gulf IV	*2021*
5th International Conference on Interactivity, Language & Cognition, University of Warsaw	*2021*
Canadian Society for the History and Philosophy of Science	*2021*
Society for the Advancement of American Philosophy	*2021*

"Computational Externalism"
Information and Computing in Nature, Polish Academy of Arts and Sciences	*2022*
Rudolf Carnap Lectures, Ruhr-Universität Bochum	*2019*

"What Makes Representations 'Useful'?" (*with Alessandro Achille, Ben Baker, Rosa Cao, Nikolaus Kriegeskorte, Richard Lange, Xaq Pitkow, Nick Shea, Odelia Schwartz*)
Cognitive Computational Neuroscience *2021*

"Naturalistic Philosophy of Mind: Taking Scientific Explanation Seriously"
Sciences of the Origin *2021*

"Complexity and Computational Explanation"
Complexity in the Humanities and Sciences, University of Memphis *2019*

Invited Commentary
"The Overly Modular Mind", Eastern APA *2022*
"Computation in Context", CU-NYU Graduate Conference *2021*
"Communication about Death and Loss", Lighthearted Philosophers Society *2018*

Other Conferences, Workshops, Etc.
Chair, Eastern APA, "A Husserlian/Fodorian Approach to Deep Learning" *2022*
Chair, Eastern APA, Book symposium on Sebastian Watzl's *Structuring Mind* *2021*
Participant (refereed), Mentoring the Mentors, APA *2021*
Participant (refereed), Philosophy and Physical Computing, Virginia Tech *2019*
Participant (refereed), Center for Vision Research Workshop, York University *2019*
Participant (refereed), Norwegian Summer Institute on Language and Mind, University of Oslo *2018*

AWARDS, FELLOWSHIPS, HONORS

Teaching Scholars Fellowship, Columbia University *2021–2022*
    Won a year's funding to teach a course on Philosophy and AI
Teaching Development Grant, Columbia Center for Teaching and Learning *2020*
David H. Siff Philosophy of Science Award *2019, 2020, 2021*
    Annual prize for best essay in philosophy of science by a Columbia graduate student
Senior Lead Teaching Fellowship, Columbia Center for Teaching and Learning *2021–2022*
    Supervised 7 teaching fellows and held a two-week pedagogy workshop
Lead Teaching Fellowship, Columbia Center for Teaching and Learning *2019–2020*
    Held pedagogy events and worked as liaison for the Center
Benjamin Wolstein Fellowship *2017–2018*
Columbia Dean's Fellowship *2016–2021*

SERVICE AND OUTREACH

Member of the *Rotman Advisory Committee* *2023-2024*
Interview on *Merging Minds* *2024*
Mentor with the *Ethics in Computing Network* *2023–present*
Organizer of the *Rotman Writing Group* *2023–present*
Interview on *Dialexicon* *2023*
Advisor for *The Ethics of Metaverse*, a student documentary series *2021*
Co-organizer of the Columbia AAPT Teaching Workshop *2020*
Mentor with *BRAINYAC*, a Zuckerman Institute organization *2020–2022*
Volunteer with *Rethink*, a Columbia organization *2020–2022*
Organizer for *PopRocks Early Career Philosophy of Psychology Workshop* *2019–2021*
Teacher with *Corrupt the Youth* *2018–2019*
Co-organizer of the *Columbia-NYU Graduate Conference* *2017*
Organizer of the *Columbia Graduate Student Workshop* *2017*
Various service for *Columbia Minorities and Philosophy*: mentor, panelist, etc. *2016–2022*

Reviewer/Referee
Philosophical Topics, Bloomsbury, Synthese, SSPP *2023–2024*

Columbia-NYU Graduate Conference	*2018–2022*
Columbia Minorities and Philosophy, various workshops	*2016–2018*

REFERENCES

Available on request