# MEGAN DELEHANTY

Department of Philosophy

University of Calgary

### EDUCATION AND EMPLOYMENT HISTORY

Assistant Professor in Philosophy (tenure track) University of Calgary July 1, 2005 - present

Ph.D. History and Philosophy of Science University of Pittsburgh 2005

Title of dissertation: The epistemic status of mathematized imaging technologies

Dissertation director: Dr. Sandra D. Mitchell

M.A. Philosophy University of Pittsburgh 2005

M.Sc. Microbiology University of British Columbia 1998

**PUBLICATIONS**

1. Tekin, S., and Delehanty, M. (forthcoming). “Beyond Doomsday Fears: Why We Need t Consider The Potential Harms of AI Psychotherapy”. American Journal of Bioethics.
2. Delehanty, M. (2019) “The changing landscape of the philosophy of medicine”, *Philosophy Compass* 14(8):e12612.
3. Delehanty, M. (2010) “Why Images?”, *Medicine Studies* **2**:161-173.
4. Delehanty, M. (2007) “Perceiving Causation via Videomicroscopy”, *Philosophy of Science* **74**(5): 996-1006.
5. Delehanty, M. (2009), “The Epistemic Status of Brain Images”, in *Rethinking Theories and Practices of Imaging* (eds. Timothy H. Engstrom and Evan Selinger), Palgrave Macmillan, pp. 146-163.
6. Delehanty, M. (2005) “Emergent Properties and the Context Objection to Reduction”, *Biology and Philosophy* **20**(4): 715-734.
7. Kilani, R.T., Delehanty,M., Yang, L., Shankowsky, H., Ghahary,A., Scott, P., and Tredget, E.E.(2005) “Fluorescent-activated cell-sorting analysis of intracellular interferon- and interleukin-4 in fresh and frozen human peripheral blood T-helper cells”, *Wound Repair and Regeneration* **13**(4): 441-449 .
8. Tredget, E.E., Yang, L., Delehanty, M., Shankowsky, H, Ghahary, A, and Scott, P.G. (2006) Polarized T helper cells Th2cytokine production in patients with hypertrophic scar following thermal injury. *Journal of Interferon and Cytokine Research* **26**(3): 179-189.
9. Delehanty, M. (2003) “What counts as an explanation?”, *Metascience* 12(3):393-396.

**PRESENTATIONS**

1. “Psychotherapy and Epistemic Harm”. Philosophy of Science Association meeting, New Orleans, Nov. 2024
2. “Data Don’t Speak: Epistemic Trust and Scientific Controversy”, SocioEconomic Mathematical Epidemiology: Developing Mathematical Modelling Theory, Banff International Research Station, Banff, AB, Sept. 2024
3. “Epistemic Self-Trust and Psycotherapy”, ISHSSPB, Toronto, July 2023
4. “Epistemic Injustice in Psychiatry”, ISHSSPB, Oslo, Norway, July 2019
5. “Epistemic Injustice in Psychiatry”, invited lecture, UCSD Science Studies Program, May, 2019
6. “Uncertainty in Medical Imaging”, American Association for the Advancement of Science, Pacific Division Meeting, Ashland Oregon, June 2019.
7. “Challenges in integrating Western science and indigenous knowledges”(poster presentation), Philosophy of Science Association meeting, Seattle, Nov. 2019
8. “Illness or Identity?”, ISHSSB, Sao Paulo, Brazil, July 2017
9. “What is the epistemic relationship between evidence-based medicine and individualized medicine?”, Society for the Philosophy of Science in Practice, Glassboro, NJ, June 2016
10. “What is the epistemic relationship between evidence-based medicine and individualized medicine?”, American Association for the Advancement of Science, San Diego, CA, June 2016
11. “What is reductionism?”, ISHPSSB, Montpellier, France, July 2013
12. “Medical Imaging: What Kind of Experiment?”, ISHPSSB, Salt Lake City, Utah. July 2011
13. “Why Images?, 1st International Conference on the Philosophy of Medical Imaging, May 2010
14. “Visual Evidence”, CEPHAD, Copenhagen , January 2010
15. “Extrapolation in biology”, ISHPSSB, Brisbane, Australia, July 2009
16. “Perceiving causation via Videomicroscopy”, PSA November 2007, Vancouver, BC
17. “Reliability and Granularity Match”, UBC invited lecture, May 2006
18. “Reliable representation”, at Scientific Images: Learning From Pictures, VirginiaTech April 2006
19. “New approaches for fMRI group analysis” The state of fMRI research, Rutgers University, April 2006
20. “What do we get from visual access?” ISHPSSB meeting, Guelph, Ontario June 2005
21. “The Epistemic Status of Functional Brain Images” , University of Calgary, May 2004
22. “The Epistemic Status of Functional Brain Images”, Rethinking Theories and Practices of Imaging: Technology, Representation, and the Disciplines, Rochester Institute of Technology, April 2004
23. “On Genetic Coding and Protein Genes”, Mephistos Conference, University of Wisconsin, Madison, March 2003
24. “Extending the Mechanism”, UCSD Graduate Student Conference, May 2003

**STUDENTS SUPERVISED**

PhD students (supervisor): Archie Fields

Completed Fall 2021

“Narrative and model-based explanations of cooperation”

Alican Basdemir

(expected completion Winter 2025)

“An Institutional Approach to Values: Perspectives on Scientific Data Sharing and Reuse”

Hannah O’Riain

(expected completion Summer 2025)

Epistemology of risk in pregnancy

MA Students (supervisor): Christina Leach

(expected completion Winter 2026)

Values management in psychiatry

PhD students (committee): Jennifer Runke

Mike Steiner

Brandon Holter

Caleb Lee

Makmillar Pedroso

Alison McConwell

Brian Hanley

Sinan Sencan

Soohyun Ahn

Ahmed AlJuhany

Yue Wang

MA students (committee): Clement Loo

Shari Monner

Michelle Pham

Honours students: Leanne Wong (2009/10)

Topic: Non-reductive physicalism

Daniel Christie (2011/12)

Topic: The concept of mental illness

Christina Leach (2017-18)

Topic: Narrative in psychiatry

**SERVICE**

**A. University**

Humanities Representative to Science (2005-06)

Humanities Representative to Nursing (2009-10)

Humanities Representative to Medicine (2010-2012)

Graduate Grants Review Panel 2012-2015)

Faculty of Arts Gender and Equity Committee (2017-2020)

**B.** **Department**

Speakers Committee (2005-06)

Timetable Committee (2006-07, 2010-11, 2014-2016)

Metaphysics and Epistemology Prelim. Exam Committee (2005-06, 2008-09, 2009-10)

HPS Program Coordinator (2009-present)

Graduate Committee (2009-10, 2013-2016, 2021/22, 2023/24)

Honours Advisor (2016-present)

Chair of Climate and Diversity Committee (2015-2019, 2024 – present))

**C. Professional**

WCPA Conference Organizing Committee (2009-10)

Member of Governing Board, Philosophy of Science Association, (2017-2021)

Climate and Diversity Committee, Philosophy of Science Association, (2017-2023)

Committee of Socially Engaged Philosophy, Philosophy of Science Association, (2017-2021)

European Philosophy of Science Association, Program Committee 2021

American Philosophical Association, Program Committee for APA Pacific, 2022

European Philosophy of Science Association, Program Committee 2023