

JACQUELINE SULLIVAN
CV

ACADEMIC APPOINTMENTS

University of Western Ontario

- Associate Professor, Department of Philosophy, 2017-present
- Assistant Professor, University of Western Ontario, Department of Philosophy, 2012-2017
- Assistant Professor, University of Alabama at Birmingham, 2007-2012

Professional Appointments

- Elected Member, Governing Board, Philosophy of Science Association, 2022-2026
- Associate Editor, *British Journal for the Philosophy of Science*, 2023-2026

AREAS OF SPECIALIZATION

Philosophy of Neuroscience, Philosophy of Science

AREAS OF COMPETENCE

Philosophy of Psychopathology, History and Philosophy of the Mind-Brain Sciences, Epistemology

EDUCATION

- Ph.D. History and Philosophy of Science, University of Pittsburgh, 2007
- Graduate Student Trainee Certificate, Center for the Neural Basis of Cognition (CNBC), University of Pittsburgh, 2007
- M.S. Neuroscience, University of Pittsburgh, 2003
- M.A. History and Philosophy of Science, 2001
- B.A. Philosophy (with high honors) Clark University, 1995
- Certificat Practique de Langue Française, CIEF, Dijon, 1994

PUBLICATIONS

BOOKS/EDITED VOLUMES

1. Adams, M., Biener, Z., Feest, U., & **Sullivan, J.** (eds). (2017) *Eppur si muove: Doing History and Philosophy of Science* with Peter Machamer. The Western Ontario Series in Philosophy of Science. Springer.
2. Kincaid, H. & **Sullivan, J.** (eds). (2014). *Classifying Psychopathology: Mental Kinds & Natural Kinds*. Cambridge, MA: MIT Press.

PEER-REVIEWED JOURNAL ARTICLES

1. (2024) Ward, T., **Sullivan, J.** & Durrant, R. Epistemic Disagreement in Psychopathology Research and Practice: A Procedural Model. *Theory & Psychology*.
2. (2024) **Sullivan, J.** & Gold, E. R. Exploring Regulatory Flexibility to Create Novel Incentives to Optimize Drug Discovery, *Frontiers in Medicine-Regulatory Science*.

3. (2023). Arnaud, S., **Sullivan, J.**, MacKinnon, A., Boddell, L. “Teasing Apart the Roles of Interoception, Emotion, and Self-Control in Anorexia Nervosa”, *Review of Philosophy and Psychology* special issue on *The Anorexia Enigma*.
4. (2023). **Sullivan, J.** Who’s in and Who’s Out of the Cognitive Kinding Game? Commentary on Muhammad Ali Khalidi’s *Cognitive Ontology: Taxonomic Practices in the Mind -Brain Sciences*. *Mind & Language*.
5. (2022). **Sullivan, J.** Novel Tool Development and the Dynamics of Control: The Rodent Touchscreen Operant Chamber as a Case Study. *Philosophy of Science*
6. (2022). **Sullivan, J.** The Concept of Practice Frameworks in Correctional Psychology: A Critical Appraisal. *Aggression and Violent Behavior*.
7. (2021). **Sullivan, J.** Understanding Stability in Cognitive Neuroscience Through Hacking’s Lens. *Philosophical Inquiries* IX, 1: 189-208.
8. (2021). **Sullivan, J.**, Dumont J., Memar, S., Skirzewski M., Wan, J., Mofrad, M., Ansari, H., Li, Y., Muller, L., Prado, V., Prado, M., Saksida, L., Bussey, T. New Frontiers in Translational Research: Touchscreens, Open Science, and The Mouse Translational Research Accelerator Platform (MouseTRAP). *Genes, Brain and Behavior*.
9. (2020). Mattu, J. and **Sullivan, J.** Classification, Kinds, Taxonomic Stability, and Conceptual Change, *Aggression and Violent Behavior*.
10. (2019). Ward, T., Durrant, R. & **Sullivan, J.** Understanding Crime: A Multilevel Approach. *Psychology, Crime & Law*, 25(6): 709-711.
11. (2019). **Sullivan, J.** Achieving Cumulative Progress in Understanding Crime: Some Insights from the Philosophy of Science. *Psychology, Crime & Law*, 25(6): 561-576.
12. (2018). **Sullivan, J.** Optogenetics, Pluralism and Progress. *Philosophy of Science* 85: 1090-1101.
13. (2018). Panichi, R., Dieni, C., **Sullivan, J.**, Faralli, M., Contemori, S., Biscarini, A., Petterossi, V. 17 beta- estradiol synthesis modulates cerebellar dependent motor memory formation in adult male rats. *Neurobiology of Learning and Memory* 155: 276-286.
(Link: <https://www.sciencedirect.com/science/article/pii/S1074742718301941>)
14. (2018). Baron, E. & **Sullivan, J.** Judging Mechanistic Neuroscience: A preliminary conceptual-analytic framework for evaluating scientific evidence in the courtroom. *Psychology, Crime and Law* 24(3): 334-351.
15. (2018). Martin, C., J. **Sullivan, J.** Wright, S. Köhler. How landmark suitability shapes recognition memory signals for objects in the medial temporal lobes. *Neuroimage*.
16. (2017). Dieni, C., Ferraresi, A., Silvarosa G., Pettorossi, V., **Sullivan, J.**, and Panichi, R. Acute Inhibition of Estradiol Synthesis Impacts Vestibulo-Ocular Reflex Adaptation and Cerebellar Long-Term Potentiation in Male Rats. *Brain Structure and Function*: 223(2), 837-850.
17. (2017). **Sullivan, J.** Coordinated Pluralism as a Means to Facilitate Integrative Taxonomies of Cognition. *Philosophical Explorations* Issue 2: 129-145.
18. (2016). **Sullivan, J.** Construct Stabilization and the Unity of the Mind-Brain Sciences. *Philosophy of Science* 83: 662-673.
19. (2016). **Sullivan, J.** Response to Commentary on Stabilizing constructs through collaboration across different research fields as a way to foster the integrative approach of the Research Domain Criteria (RDoC) Project. *Frontiers in Human Neuroscience*. <http://journal.frontiersin.org/article/10.3389/fnhum.2016.00448/full>
20. (2016). **Sullivan, J.** Stabilizing constructs through collaboration across different research fields as a way to foster the integrative approach of the Research Domain Criteria (RDoC) Project. *Frontiers in Human Neuroscience*.
21. (2015). Bahtra, S., **Sullivan, J.**, Williams, B., and Geldmacher, D. “Qualitative Assessment of Self-Identity in Advanced Dementia”, *Dementia: The International Journal of Social Research and Practice*. doi: 10.1177/1471301215601619
22. (2010). **Sullivan, J.** “Reconsidering Spatial Memory and the Morris Water Maze”, *Synthese* 177(2): 261-283.

23. (2010). **Sullivan, J.** “Realization, Explanation and the Mind-Body Relation”, Editor’s Introduction. *Synthese* 177(2): 151-164.
24. (2010). **Sullivan, J.** “A Role for Representation in Cognitive Neurobiology”, *Philosophy of Science* 77(5): 875-887.
25. (2009). **Sullivan, J.** “The Multiplicity of Experimental Protocols: A Challenge to Reductionist and Non-Reductionist Models of the Unity of Neuroscience”, *Synthese* 167:511-539.
26. (2008). **Sullivan, J.** “Memory Consolidation, Multiple Realization and Modest Reductions”, *Philosophy of Science* 75(5): 501-513.

PEER-REVIEWED CONTRIBUTIONS TO ANTHOLOGIES

1. (In Press) Ward, T., **Sullivan, J.**, and Durrant, R. Epistemic Disagreement in Mental Health: Research and Practice. In *Expert Mental Health Opinions: From Inquiry to Knowledge*, Kenneth J. Weiss, MD & Philip J. Candilis, MD, Editors. Oxford University Press.
2. (In Press) Ward, T., **Sullivan, J.**, and Durrant, R. Epistemic Disagreement in Mental Health: A Procedural Model. In *Expert Mental Health Opinions: From Inquiry to Knowledge*, Kenneth J. Weiss, MD & Philip J. Candilis, MD, Editors. Oxford University Press.
3. (2024) Mattu, J. and **Sullivan, J.** “Serotonergic psychedelics in translational research: Addressing epistemic challenges from bench to bedside” *Philosophical Perspectives on the Psychedelic Renaissance*, Chris Letheby and Philip Gerrans, eds. Oxford University Press.
4. (2017) Stinson, C., and **Sullivan, J.** ‘Mechanisms in neuroscience’, *Routledge Handbook of the Philosophy of Mechanisms*, Stuart Glennan and Phyllis Illari (eds.)
5. (2017) **Sullivan, J.** “Long-term potentiation: One Kind or Many?” in *Eppur si muove: Doing History and Philosophy of Science* with Peter Machamer. Marcus Adams, Zvi Biener, Uljana Feest and Jackie Sullivan, eds., Springer.
6. (2016) **Sullivan, J.** “Models of Mental Illness” in *The Routledge Companion to the Philosophy of Medicine*, Harold Kincaid, Jeremy Simon and Miriam Solomon (eds.), New York: Routledge, 455-464.
7. (2016) **Sullivan, J.** “Neuroscientific Kinds Through the Lens of Scientific Practice” in *Natural Kinds and Classification in Scientific Practice*, Catherine Kendig (ed.), New York: Routledge, pp. 47-56.
8. (2015) **Sullivan, J.** “Experimentation in Cognitive Neuroscience and Cognitive Neurobiology” In *The Handbook of Neuroethics*(Springer), Jens Clausen and Neil Levy (Eds.), Dordrecht: Springer, pp. 31-47.
9. (2014) **Sullivan, J.** “Is the Next Frontier in Neuroscience a Decade of the Mind?” In *Brain Theory*, Charles Wolfe, Ed.(Palgrave-MacMillan), pp. 45-67.
10. (2014) **Sullivan, J.** “Classifying Psychopathology: Mental Kinds and Natural Kinds” (w/Harold Kincaid). In *Classifying Psychopathology: Mental Kinds and Natural Kinds*, Harold Kincaid and Jacqueline A. Sullivan, Eds. (MIT Press), pp. 1-10.
11. (2014) **Sullivan, J.** “Stabilizing Mental Disorders: Prospects and Problems” in *Classifying Psychopathology: Mental Kinds and Natural Kinds*, Harold Kincaid and Jacqueline A. Sullivan, Eds. (MIT Press), pp. 257-281.
12. (2010) Kincaid, H. & **Sullivan, J.** “Challenges to Medical Models of Addiction”, What is Addiction?, Harold Kincaid, Don Ross, David Spurrett and Peter Collins, (eds.), MIT Press. [kincaidsullivan-05062015111110](https://doi.org/10.1017/9780262015111.010)

Other published contributions (non-refereed)

1. (2020) “Are There Model Behaviors for Model Organism Research?” – Commentary on Nicole Nelson’s *Model Behavior* (Chicago 2018). *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*.
2. (2015) “Knowing Yourself — and Your Mental States — in New Ways” *Western News Big Ideas Issue* , May 7, 2015. <http://news.westernu.ca/2015/05/big-ideas-knowing-yourself-and-your-mental-state-in-new-ways/>

Papers Under Review

- The Pursuitworthiness of Team Science Experiments in Translational Neuroscience

Unpublished Papers

- (2001) “Leveling Reduction” w/Peter Machamer. (available on Phil-Sci Archive)

GRANTS FUNDED/AWARDS

1. New Frontiers in Research Fund- Transformation Grant (\$24M) TRanslational Initiative to DE-Risk NeuroTherapeutics (TRIDENT) – Nominated PI – Ravi Menon (UWO); Co-PIs Durcan, Thomas (McGill-The Neuro); Everling, Stefan (Western-Neuroscience); Galea, Liisa (Neuroscience-University of Toronto & Canadian Association for Mental Health (CAMH); Gold, E. Richard (McGill – Law) ; Khan, Ali (Western – Neuroscience); Prado, Marco (Western-Neuroscience); Prado, Vania (Western- Neuroscience); Saksida, Lisa (Western Neuroscience); **Co-Applicants:** Bartha, Robert (Western); Brandon, Mark; Bussey, Timothy; Cashman, Neil; Chakravarty, Mallar; Clery, Justine; Dagher, Alain; Finger, Elizabeth; Fon, Edward; Huot, Philippe; MacDonald, Penny; Owen, Adrian; Pruszyński, Andrew; Schmitz, Taylor; **Sullivan, Jacqueline**; Watts, Joel; Collaborators: Croxall, Matt; Edwards, Aled; Hutchison, Matthew; Ireland, Scott; Lipton, Mark; Longo, Frank; Munoz, Douglas; Ping Lu, Kung; Sukoff Rizzo, Stacey; Walters, Carol; Williams, Sylvain; Williams, Eugene; Wiseman, Frances
2. Including Psychiatrized Communities in Philosophy of Psychiatry – SSHRC Insight Development Grant – \$72,202– Co-Applicants: Anne-Marie Gagne Julien (UQAM), Sarah Arnaud (Western-Rotman Institute), Lindsay Boddell (Psychology -Western), Amandine Catala (Philosophy-UQAM), Luc Faucher (Philosophy-UQAM), Phoebe Friesen (Philosophy-McGill), Ian Gold (Philosophy-McGill), Mona Gupta (Universite de Montreal), Erin Soros (Simon Frasier – English), & **Jacqueline Sullivan** (Rotman Institute of Philosophy, Western)
3. **Jacqueline Sullivan** - Graham and Gale Wright Distinguished Scholar in the Faculty of Arts and Humanities – Academic year 2022-2023 – \$5000
4. Faculty Research Development Fund (2022-2023) PROJECT TITLE: Developing Empirical Approaches to Philosophy of Psychiatry – Award Amount: \$7,000
Primary investigator: **Jacqueline Sullivan**
5. Social Sciences and Humanities Research Council Insight Grant – The Philosophy of Neuroscience in Practice (April 2020 – April 2023) – \$94,276
Primary investigator: **Jacqueline Sullivan**
6. Western Strategic Support for Tri-Council Success Grant – The Philosophy of Neuroscience in Practice (Dec 2019 – April 2020) – \$25,000
Primary Investigator: **Jacqueline Sullivan**
7. Faculty Research Development Travel Fund Grant (Summer 2019) – Creating Epistemically Successful Research Infrastructures: Translational Cognitive Neuroscience as a Case Study - \$2,500
Primary investigator: **Jacqueline Sullivan**
8. Faculty Research Development Fund Grant (Summer 2017) – Tracking Conceptual Change in the Sciences of the Mind and Brain and the Implications for Precision Medicine – \$5,700
Primary Investigator: **Jacqueline Sullivan**
9. Social Sciences and Humanities Research Council (SSHRC) Connection Grant Award for Rethinking the Taxonomy of Psychology Workshop (2016) – \$23,405
PRIMARY INVESTIGATORS: Michael Anderson, **Jacqueline Sullivan**
10. Canadian Institute for Advanced Research (CIFAR) Award – \$20,000 for Rethinking the Taxonomy of Psychology Workshop (2016)
PRIMARY INVESTIGATORS: Michael Anderson, **Jacqueline Sullivan**

11. Research Western Award for Rethinking the Taxonomy of Psychology Workshop (2016) – \$5,000.
PRIMARY INVESTIGATORS: Michael Anderson, **Jacqueline Sullivan**
12. Rotman Institute of Philosophy Award for Rethinking the Taxonomy of Psychology Workshop (2016) – \$2,500
PRIMARY INVESTIGATORS: Michael Anderson, **Jacqueline Sullivan**
13. Faculty Research Development Fund – Conference Travel Grant (2015) – \$2500
Neuroscientific Kinds Through the Lens of Scientific Practice – Southern Society for Philosophy and Psychology Annual Meeting (2015)
Primary Investigator: **Jacqueline Sullivan**
14. Rotman Institute of Philosophy Research Award (2023) – \$2500 Kardelen Kucuk, “Assessing the Relationship between Moods and Cognition”
Supervisor: **Jacqueline Sullivan**
15. Rotman Institute of Philosophy Research Award (2023) – \$2500. Amy MacKinnon, “Probing the roles of emotions and interoception in Anorexia using qualitative methods”
Supervisor: **Jacqueline Sullivan**
16. Rotman Institute of Philosophy Research Award (2023) – \$2500 Jaipreet Mattu, “Philosophical Inquiry into the Scientific Study of Psychedelic Experiences: Analyzing Investigative Approaches and Implications”
Supervisor: **Jacqueline Sullivan**
17. Rotman Institute of Philosophy Research Award (2022) – \$2500 Jaipreet Mattu, “Integrating psychological descriptions versus neuroscientific explanations of psychedelic drug action: a challenge for rodent translational research on depression”.
Supervisor: **Jacqueline Sullivan**
18. Rotman Institute of Philosophy Research Award (2022) – \$2500 Owen Chevalier, “How is online discourse reshaping the concept of ADHD?”
Supervisor: **Jacqueline Sullivan**
19. Rotman Institute of Philosophy Research Award (2022) – \$2500 Kardelen Kucuk, “A New Framework for Emotion Research: Lessons from the Mechanism Debate”
Supervisor: **Jacqueline Sullivan**
20. Rotman Institute of Philosophy Research Award (2022) – \$2500 Jaipreet Mattu “How to Make Patients’ Perspectives Relevant for Informing Causal Models of Mental Illness”
Supervisor: **Jacqueline Sullivan**
21. Rotman Institute of Philosophy Research Award (2021) -\$3000 Jaipreet Mattu PROJECT TITLE: Integrating Empirical Evidence and Philosophical Considerations in the Study of Serotonergic Psychedelics
Supervisor: **Jacqueline Sullivan**
22. Rotman Institute of Philosophy Research Award (2016-2017) – \$3000. PROJECT TITLE: Neuroscientific Contributions to the Understanding of Epistemic Feelings
PROJECT PARTICIPANTS: Stefan Köhler, Brain and Mind Institute (Co-Principal Investigator); **Jacqueline Sullivan**, Rotman Institute of Philosophy (Co-Principal Investigator); Jaclyn Lanthier, Rotman Institute of Philosophy (Graduate Research Assistant)
23. Rotman Institute Catalyst Fund Grant (2013-2014) – \$5000 PROJECT TITLE: The Epistemic Status of fMRI Technology and Data Analysis Techniques
PROJECT PARTICIPANTS: **Jacqueline Sullivan** (Principal Investigator); Stefan Köhler (Co-Principal Investigator); Jesse Wright (graduate student); Chris Martin (graduate student)
24. Western University Dean’s Travel Research 2013, 2014, 2015 2016, 2017
25. Andrew Mellon Pre-doctoral Fellowship, University of Pittsburgh, September 2006 -May 2007.
26. Provost’s Development Fund Fellowship, University of Pittsburgh, September 2004—May 2005.
27. National Science Foundation’s Integrative Graduate Education and Research Training (IGERT) Program Fellowship, January 2002-2004

PRESENTATIONS

Invited

1. Session on Psychiatric Kinds and Natural Kinds, Metaphysics of Science Summer School <https://socmetsci.org/2025-summer-school> June 27, 2025. (Invited)
2. “Building Bridges Without Blueprints: The Epistemology of Translational Team Neuroscience”, Society for Philosophy and Neuroscience (SPAN) – Inaugural Meeting, Washington University in St. Louis, May 1-3, 2025 (Invited)
3. Building Epistemic Community in Translational Cognitive Neuroscience, Touchscreen Cognival, International Behavioral and Neural Genetics Society, June 5, 2024. (w/Jaipreet Mattu & Yi-Hsuan Kao)
4. Incentivizing Open Collaboration in Drug Development. With Richard Gold. QUEST Center for Responsible Research, Berlin, Germany, March 15, 2024.
5. Incentivizing Open Collaboration in Drug Development. With Richard Gold. Institut Curie, Paris, France, March 11, 2024.
6. Incentivizing Open Collaboration in Drug Development. With Richard Gold. UNESCO, Paris, France, March 11, 2024.
7. Incentivizing Open Collaboration in Drug Development. With Richard Gold. Faculte de droit et de science politique, Universite Paris-Saclay – UVSQ, Paris, France, March 8, 2024.
8. Incentivizing Open Collaboration in Drug Development. With Richard Gold. Organization for Economic Co-operation & Development (OECD), Paris, France, March 7, 2024.
9. Incentivizing Open Collaboration in Drug Development. With Richard Gold. United Kingdom Research & Innovation (UKRI), London, UK, March 5, 2024.
10. The Epistemic Promise of Collaborative Triangulation in TRIDENT. IHPST, University of Toronto, February 7, 2024.
11. Bridging Translational Gaps Through Open Science Partnerships. Initiative for Translational Neuroscience/TRanslational Initiative to DeRisk NeuroTherapeutics Meeting (ITN/TRIDENT), McGill University, Montreal, QC, November 6-8, 2023. (with Richard Gold)
12. Exploring Regulatory Flexibility to Optimize Drug Discovery. Canadian Network for Learning Healthcare Systems and Cost-Effective ‘Omics Innovation (CLEO) 2nd Workshop for Learning Healthcare Systems: Policy and RWE frameworks for life-cycle technology assessment, McGill University, Montreal QC, October 11-12, 2023.
13. Unraveling Discovery Dynamics in Open Science Partnerships. Explanation and Complexity in Biology & Psychology: A Workshop in Honour of Bob Richardson. University of Cincinnati, Department of Philosophy, September 21-22, 2023.
14. Kinding Cognition: Commentary on Muhammad Ali Khalidi’s *Cognitive Ontology: Taxonomic Practices in the Mind-Brain Sciences* Book Symposium, APA Pacific San Francisco, April 5-10, 2023.
15. Collaborations at the Intersection of Naturalism and Epistemology of Science with a Focus on Translational Cognitive Neuroscience, The New Naturalism Workshop, WIKO Berlin, Oct. 13-14, 2022.
16. Making Explicit How Conceptual-Theoretical Frameworks Shape Discovery in Neuroscience, Nencki School of Ideas in Neuroscience, Nencki Open Lab, Warsaw, Poland, July 1-July 8, 2022.
17. Novel Tool Development, Exploratory Experimentation and the Dynamics of Control: The Rodent Touchscreen Operant Chamber as a Case Study, Florida State University, April 8, 2022.

18. Epistemic Communities as Knowledge Drivers in Neuroscience. Summer Seminar Series in Neuroscience and Philosophy (SSNAP) Closing Conference 2021, Duke University [via Crowdcast], June 4-5, 2021. [Invited by Felipe De Brigard]
19. Touchscreens, Open Science and the Epistemic Community. Minds, Models and Mechanisms: New Directions in Philosophy of Psychiatry Workshop, Saarland University, [via Zoom], April 21-23, 2021. [Invited by Lena Kastner]
20. Touchscreens, Open Science and the Epistemic Community. touchscreencognition.org's Mouse Translational Research Accelerator Platform (MouseTRAP) Seminar Series. Western University, London, ON, February 23, 2021. [Invited by Julie Dumont]
21. Cognitive Ontologies, Epistemic Communities and Coordinated Pluralism. The Problem of Cognitive Ontology: Implications for Scientific Knowledge. Center for Philosophy of Science, University of Pittsburgh, November 5, 2020. [Invited by Adina Roskies]
22. Exploring the dynamics of novel experimental paradigm development: The Rodent Touchscreen Operant Chamber as a Case Study. Workshop on Continuity, Improvement and Innovation in Experimental Methodology, Indiana University, Bloomington, IN, October 30-31, 2019. [Invited by Jutta Schickore]
23. Creating Epistemically Successful Research Infrastructures: Translational Cognitive Neuroscience as a Case Study. CLMPST2019: 16TH INTERNATIONAL CONGRESS OF LOGIC, METHODOLOGY AND PHILOSOPHY OF SCIENCE AND TECHNOLOGY, August 5-10, 2019, Prague, CZ. [Invited by Hanne Andersen]
24. Translational Cognitive Neuroscience and Collaborative Kinds. Natural Kinds in Cognitive Science Workshop, June 26-29, 2019, York University, Toronto, Ontario.[Invited by Muhammad Ali Khalidi]
25. Optogenetics, Pluralism and Progress, Neural Mechanisms Online 2019 Speakers' Series, May 3, 2019. <https://www.neuralmechanisms.org/webinarseries2019.html>
26. Coordinating Scientific Perspectives in Experimental Contexts: Lessons from Translational Cognitive Neuroscience and the RDoC Project, Culture, Brain and Mind Program, McGill University, Montreal, QC, (March 28, 2019).
27. Philosophy of Neuroscience as a Complement to Neuroscience, Brain and Mind Institute, Western Interdisciplinary Research Building, London, ON. (March 1, 2019).
28. Coordinated Pluralism and Cumulative Neuroscience. *Understanding Replication Across the Sciences*. Rotman Institute of Philosophy's Annual Conference. Rotman Institute, University of Western Ontario. London, ON. (October 12-14, 2018).[Video of talk](#)
29. Translational Cognitive Neuroscience: How Do We Learn From Animals? Alumni Lecture, Department of History and Philosophy of Science, University of Pittsburgh (Pittsburgh, PA, March 15, 2018)
30. "Extraordinary" Cognitive Science in an Era of Novel Tool Development and Big Data. Cognitive Science Program and Philosophy Department, Indiana University (Bloomington, IN, September 29, 2017)
31. Coordinated Pluralism as a Means to Facilitate Integrative Taxonomies of Cognition. Philosophy Department, McMaster University (Hamilton, ON, March 17, 2017). [Invited by Sandra LaPointe]
32. Coordinated Pluralism as a Means to Facilitate Integrative Taxonomies of Cognition. Cognitive Science Program, Marquette University (Milwaukee, WI. March 9, 2017). [Invited by Corinne Bloch] Video online: <https://streaming.mu.edu/Watch/r9P6CpXw>
33. Coordinated Pluralism as a Means to Facilitate Integrative Taxonomies of Cognition. Operations and Cognitive Ontology Workshop. Washington University in St. Louis (St. Louis, MO. February 1, 2017). [Invited by Carl Craver.]
34. Explaining Mental Illness: Will a Single Explanatory Model Do? London Library Lecture Series. Langdon Public Library (London, Ontario. October 12, 2016).
35. The Replication Crisis in Science. Philosophy of Science Cafe. Robarts Research Institute, University of Western Ontario (London, Ontario September 30, 2016).

36. Experimentation and Mechanistic Explanation in the Mind-Brain Sciences. Causality in the Sciences of the Mind-Brain Conference, Aarhus University (Aarhus, Denmark, June 27-29, 2016).
37. The Research Domain Criteria (RDoC) Project: Can neuroscience revolutionize psychiatric classification? Neuroscience Graduate Diploma Program, York University (Toronto, ON, March 18, 2016).
38. The Research Domain Criteria (RDoC) Project: Can neuroscience revolutionize psychiatric classification? Philosophy Department, Clark University (Worcester, MA, September 24, 2015).
39. The Research Domain Criteria (RDoC) Project: Can neuroscience revolutionize psychiatric classification? Explanations of Cognition Workshop, University of Stirling (Stirling, UK, July 20-22, 2015). [Invited by Zoe Drayson]
40. The Research Domain Criteria (RDoC) Project: Can neuroscience revolutionize psychiatric classification? La Société de Philosophie Analytique, Invited Symposium on La philosophie de la psychiatrie (Montreal, QC June 2015). [Invited by Luc Faucher]
41. Construct Stabilization and the Unity of Neuroscience. Philosophy and the Cognitive Sciences Pre-SSPP Workshop at Loyola University (New Orleans, LA, April 2015).
42. Neuroscientific Kinds through the Lens of Scientific Practice. Southern Society for Psychology and Philosophy Annual Meeting, Invited Symposium on Natural Kinds (New Orleans, LA, April 2015).
43. Construct Stabilization and the Unity of the Mind-Brain Sciences. Department of Philosophy. University of Waterloo, (Waterloo, ON, February 2015). [Invited by Heather Douglas]
44. Construct Stabilization and the Unity of the Mind-Brain Sciences. Department of Philosophy, Michigan State University, (East Lansing, MI, March 14, 2014). [Invited by Dan Steel]
45. Is the Next Decade in Neuroscience a Decade of the Mind? Philosophy: Crossing Disciplines Undergraduate Conference, University of Western Ontario, (London, Ontario, March 2, 2014).
46. Construct Stabilization and Experimentation in Neuroscience. Institute for the History and Philosophy of Science and Technology, University of Toronto, Colloquium Series. (Toronto, Ontario, January 29, 2014).
47. Construct Stabilization and Experimentation in Neuroscience. University of Calgary. (Calgary, Alberta, January 24, 2014). [Invited by Megan Delehanty]
48. Construct Stabilization and Experimentation in Neuroscience. Experimentation in Neuroscience Workshop, Center for Philosophy of Science, University of Pittsburgh. (Pittsburgh, PA, November 22-23, 2013). [Invited by Mazviita Chirimuuta]
49. Integrating Psychology and Neuroscience: The View from the Philosophy of Experiment. University of Western Ontario's Eleventh Annual Graduate Conference in Philosophy of Mind, Language and Cognitive Science. (London, ON, May 23-25, 2013).
50. Café Scientifique (panelist), Neuroscience Meets Psychiatry: the Promise of New Treatments. Just Us Spring Garden Coffeehouse, (Halifax, NS, CANADA. [Funded by Canadian Institutes of Health Research (CIHR) Café Scientifique grant, Neuroscience Meets Psychiatry: the Promise of New Treatments (SCI 116810).], March 29, 2012). [Invited by Serife Tekin]
51. Promoting Mental Health: Challenges for Psychiatry and Neuroscience. Novel Tech Ethics, Faculty of Medicine, Dalhousie University, (Halifax, NS, CANADA. [Funded by Canadian Institutes of Health Research (CIHR) Café Scientifique grant, Neuroscience Meets Psychiatry: the Promise of New Treatments (SCI 116810)], March 28, 2012). [Invited by Serife Tekin]
52. Reviving the Mind in Cognitive Neurobiology: Towards Perspectival Pluralism in the Experimental Context. Department of Philosophy and Center for Neurodynamics, University of Missouri-St Louis, (St. Louis, MO, March 2, 2012).
53. Reviving the Mind in Cognitive Neurobiology: Towards Perspectival Pluralism in the Experimental Context. Department of Philosophy, University of Western Ontario (London, ON, CANADA, January 31, 2012).
54. Reviving the Mind in Cognitive Neurobiology: Towards Perspectival Pluralism in the Experimental Context. Department of Philosophy, York University (Toronto, ON, CANADA, January 13, 2012).

55. The Place of the Mind in Contemporary Neuroscience. Department of Philosophy, Mississippi State University, (Mississippi, MS, October 21, 2011). [Invited by John Bickle]
56. The Place of the Mind in Contemporary Neuroscience. Neurophilosophy Forum, Georgia State University, (Atlanta, GA, September 30, 2011).
57. Linking Models of Cognitive Neurobiological Experiments to Explanatory Models of Cognition—A Fundamental Role for Mental States. Delaware Cognition and Neuroscience Workshop. University of Delaware, (Delaware, Maryland, September 16 & 17, 2011).
58. The Absence of Mind in the Neuroscientific Study of Cognition. 2011-2012 University Honors Program First Thursday Lecture Series, UAB, Birmingham, AL. (September 1, 2011).
59. Obstacles to Naturalizing the Mind: Insights from the Philosophy of Experiment, Current Topics in Philosophy of the Human Sciences. (Technische Universität Berlin, Berlin, Germany, June 18-19, 2010). [Invited by Uljana Feest]
60. Learning and Its Representation. Workshop: Turtles All the Way Down: Philosophical Approaches to Minds, Brains and Multiplicity. (McMicken College of Arts and Sciences and Department of Philosophy, University of Cincinnati, Cincinnati, OH, October 2008).
61. The Unity of Neuroscience from a Contemporary Philosophical Perspective. Haddin Humanities Lecture, (UAB, Birmingham, AL, September 2008).
62. Mind as Matter: Challenges for the New Physicalism. Philosophy Speaker Series, (Clark University, Worcester, MA, September 2008).
63. Testing the Limits of Neuroepistemology. 44th Annual Philosophy Colloquium (University of Cincinnati, Cincinnati, May 2008).
64. The Multiplicity of Experimental Protocols: A Challenge to Reductionist and Non-Reductionist Models of the Unity of Neuroscience. Neuroscience and the Mind-Brain Relationship Workshop, (Centenary College, Shreveport, LA, October 2007).
65. Extending Mechanistic Claims Beyond the Neurobiological Laboratory. Workshop on Neural Mechanisms, Explanation and Reduction in the Neurosciences. (Center for the Study of Mind in Nature, University of Oslo, Oslo, Norway, September 2007).
66. Reliability and Validity of Experiment in the Neurobiology of Learning and Memory. (Philosophy Department, University of Alabama at Birmingham, January 2007).
67. Reliability and Validity of Experiment in the Neurobiology of Learning and Memory. (Philosophy Department, San Francisco State University, January 2007).

Conference Presentations and Published Abstracts*

1. “A Provisional Framework for Evaluating the Epistemic Value of Translational Research Initiatives”, International Society for the History, Philosophy, and Social Studies of Biology, Porto, Portugal, July 20-25. (presented via zoom)
2. Reflections on Collaborations with Neuroscientists. SRPoiSE Cognate Society session: *Engaging science with philosophy: Case studies, empirical data, and reflections on collaborations between philosophers and scientists*. Philosophy of Science Association Bi-annual Meeting, Pittsburgh, PA, November 10-13, 2022.
3. Novel Tool Development and the Dynamics of Control, Philosophy of Science Bi-annual Meeting, November 2021.
4. The Exploratory Character of Hypothesis Driven Experiments in Rodent Behavioral Neuroscience as part of Symposium: “Exploring the Senses of Exploratory Experimentation”, British Society for Philosophy of Science Association Meeting, Exeter, UK, July 2022.*
5. What Kind of Kinds are Optimal for Causal Discovery in Translational Research? Causality discussion, Crowdcast follow-up to “Elucidating the Causality in Causal Brain Circuits: Theory, Methods and Applications” Organization for Human Brain Mapping Annual Conference <https://www.crowdcast.io/e/ohbm-causality>, June 2020.

6. What Kind of Kinds are Optimal for Causal Discovery in Translational Research? Symposium, "Elucidating the Causality in Causal Brain Circuits: Theory, Methods and Applications" Organization for Human Brain Mapping Annual Conference, Online, June 2020.
7. Can Rodent iPads Revolutionize Our Understanding of Cognition? Tool Development in Neuroscience: A Science-in-Practice Workshop, Pensacola Beach, FL, September 26-27, 2019.
8. Commentary on Thomas Polger and Lawrence Shapiro's *The Multiple Realization Book*. Author Meets Critics Session, Pacific APA (Seattle, WA, April 2017).
9. Optogenetics, Pluralism and Progress. Philosophy of Science Association Bi-Annual Meeting (Atlanta, GA, November 2016).
10. Construct Stabilization and the Unity of Neuroscience. Philosophy of Science Association Bi-Annual Meeting (Chicago, IL, November 2014).
11. Batra S, Sullivan JA, Geldmacher DS. Qualitative assessment of self-identity in advanced dementia. Poster presented at the 13th Alzheimer's Association International Conference (Boston, MA. July 2013).
12. Batra S, Sullivan JA, Geldmacher DS. Qualitative assessment of self-identity in advanced dementia. Poster presented at Dementia Care @AAIC: Translating Research to Practice (Boston, MA. July 2013).
13. Is Construct Validity Necessary for Mechanistic Explanations of Cognitive Functions? Symposium on Taxonomic Practices in the Scientific Study of Cognition: Do Valid Constructs Matter? Fourth Biennial Meeting of the Society for the Study of Science in Practice, (Institute for the History and Philosophy of Science and Technology (IHPST), Victoria College, University of Toronto, Toronto, Canada, June 2013).*
14. The Place of the Mind in Contemporary Neuroscience. (w/Floh Thiels), 2011 Annual Society for Neuroscience Meeting, (Washington DC, November 2011). [*floh&jackiesfnposterversion2 floh 8nov11](#)
15. Experimental Paradigms, Cognitive Functions and Realization. Realization, Multiplicity and Experimentation in Biology, Psychology & Neuroscience Workshop, (University of Alabama at Birmingham, Birmingham, AL, February 2010).
16. Medical Models of Psychopathology. Philosophy of Medicine Roundtable (Erasmus University, Rotterdam, Netherlands, October 2009).
17. The Implications of Experimental Practice for Cognitive Models of Schizophrenia. Workshop on Natural Kinds and Classification in Psychopathology (University of Alabama at Birmingham, Birmingham, AL, April 2009).
18. Challenges for Medical Models of Addiction. (w/Harold Kincaid). 17th European Congress of Psychiatry. (Lisbon, Portugal, January 24-28, 2009). [kincaidsullivan](#)
19. Learning and Its Representation. Philosophy of Science Association Biennial Meeting. (Pittsburgh, PA, November 2008).
20. Reliability, Validity and The Experimental Process: A Neurobiological Case Study. First Biennial Meeting of the Society for the Philosophy of Science in Practice. (University of Twente, Enschede, Netherlands, August 2007). [spsp2007_book.1](#)
21. Memory Consolidation, Multiple Realizations and Modest Reductions. Philosophy of Science Association Bi-Annual Meeting, (Vancouver, BC, November 2006).
22. Reward, Reinforcement and the Dopamine System: Making Conceptual Transitions Across Multiple Levels of Organization. Neurophilosophy: The State of the Art, (California Institute of Technology, Pasadena, CA, June 2005). [Poster2-2](#)
23. The Study of Learning and Memory Then and Now: Conceptual Problems and Experimental Limitations. Sullivan, J.A., Machamer, P.K., Thiels, E. Learning and Memory Workshop, (Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, April 2005). [*SullivanMachamerThiels2005.pdf](#)
24. The Study of Learning and Memory Then and Now: Evidence for Conceptual Change? Sullivan, J.A., Machamer, P.K., Thiels, E., Society for Neuroscience Annual Meeting, (San Diego, CA, November 2004).* [posteriii](#)

25. Differential Recruitment of ERK in two forms of LTP in the adult hippocampus in vivo. Sullivan, J.A., DeLoreia C.E., Kanterewicz, B.I., Thiels, E. Society for Neuroscience Annual Meeting, (New Orleans, LA, November 2003).*
26. Extracellular Signal-Regulated Kinase: A General Plasticity Kinase. National Science Foundation Integrative Graduate Education and Research Training Program (NSF-IGERT) Symposium, (Carnegie Mellon University, Pittsburgh, PA, June 2003).
27. Extracellular Signal-Regulated Kinase: One Cascade, Two Forms of Synaptic Plasticity. Sullivan, J.A., Kanterewicz, B.I., Thiels, E. Learning and Memory Workshop, (Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, April 2003).*
28. The Role Of Extracellular Signal-Regulated Kinase in LTP vs. LTD in the Adult Hippocampus In Vivo. Sullivan, J.A., Kanterewicz, B.I., Thiels, E., Society for Neuroscience Annual Meeting, (Orlando, FL, November 2002).*
29. Levels of Analysis, Reduction and Neuroscience. (Center for the Neural Basis of Cognition (CNBC), Mellon Institute, Pittsburgh, PA, January 2002).
30. Leveling Reduction with Peter Machamer. Pittsburgh-London Workshop in Philosophy of Biology and Neuroscience, (Birbeck College, London, England, September 2001).

Invited Commentaries

1. Invited commentary on Sarah Robin's "Optogenetics and the Mechanism of False Memory", Southern Society for Psychology and Philosophy Annual Meeting, (New Orleans, LA, April 2015) [commentsonSara4](#)
2. Invited commentary on Kathryn Tabb's "Philosophy of Psychiatry after Diagnostic Kinds", Early Career Scholars Conference in Philosophy of Psychiatry: Overcoming Mind-Brain Dualism in 21st Century Medicine, Center for Philosophy of Science, University of Pittsburgh (Pittsburgh, PA, November 21-22). (remotely) [commentsonKatie3](#)
3. Invited commentary on Robert Foley's "Flexible Intentional Action as a Criterion for Consciousness", Canadian Philosophical Association Annual Meeting, Brock University (St. Catherine's, ON, May 2014).
4. Invited commentary on Serife Tekin's "Self-insight in the Time of Mood Disorders", Southern Society for Philosophy of Psychology (SSPP) Annual Meeting, (New Orleans, LA, March 2011). [sspcommentsforserife1-2](#)
5. Invited commentary, "An Ode to Peter Machamer". Peterfest at The Center for Philosophy of Science, University of Pittsburgh (Pittsburgh, PA, October 2009).
6. Invited commentary on Melody Dye, Michael Ramscar and Nal Kalchbrenner's article "No representation without taxation: The costs and benefits of learning to conceptualize the environment", Society for Philosophy and Psychology (SPP) Annual Meeting, (Bloomington, IN, June 2009). [CommentaryonDye&colleagues](#)
7. Invited commentary on Kenneth Aizawa's The Biochemistry of Memory Consolidation and Multiple Realization. Society for Philosophy and Psychology (SPP) Annual Meeting, (Wake Forest University, Wake Forest, NC, June 2005). [commentary](#)
8. Invited commentary on Steven Quartz's "Toward a Developmental Evolutionary Psychology: Genes, Development and the Evolution of Human Cognitive Architecture. Proceedings of the Pittsburgh Workshop in Hist. and Phil. of Biology, (Center for Philosophy of Science, University of Pittsburgh, Pittsburgh, PA, March 2002). [commentary on Quartz](#)

Public Outreach Presentations

1. Canadian Association for Girls In Science (CAGIS) Outreach Activity. (w/Melissa Jacquart, Phoebe Friesen & Shari Monner). University of Western Ontario (London, ON Canada, March 21, 2013).
2. Two Different Perspectives on Mind. *Philosophy and Neuroscience Speakers Series*. London Library (London, ON Canada, October 17, 2012).

3. Your Mind and Other Minds: A Discussion. Donaldson Correctional Facility, (Bessemer, AL, May 8, 2012).

Guest Lectures for Graduate & Undergraduate Classes

1. Multiplicity of Experimental Protocols: A Challenge to Reductionist and Non-Reductionist Accounts of the Unity of Neuroscience. (published in *Synthese* 2008/2009) presented via Blackboard to Agnes Bolinska's, Philosophy of Science Course at the University of South Carolina. March 16, 2021.
2. Construct Stabilization and the Unity of Neuroscience. Corinne's Bloch's (Marquette University) Topics in Cognitive Science course. March 8, 2018 (via Skype).
3. Construct Stabilization and the Unity of Neuroscience. John Schwenkler's (Florida State University) Proseminar. February 19, 2018 (via Skype).
4. Construct Stabilization and the Unity of Neuroscience. (published in *Philosophy of Science*) Washington University in St. Louis, February 2, 2017 (Live), [Carl Craver's UG Memory course]
5. Multiplicity of Experimental Protocols: A Challenge to Reductionist and Non-Reductionist Accounts of the Unity of Neuroscience. (published in *Synthese*) Washington University in St. Louis, February 2, 2015 (via Skype). [Carl Craver's UG Memory course]

TEACHING

Mentoring & Supervision – Current

Postdoctoral Fellows

1. Richard Vagnino, Philosophy of Neuroscience, Analogical Reasoning, Philosophy of Cognitive Science (July 2025-present)

PhD Students

1. Jaipreet Mattu, Integrating Empirical Evidence and Philosophical Considerations in the Study of Serotonergic Psychedelics (2018-present), Chief Supervisor
2. Kardelen Kucuk, Emotions, Philosophy of Neuroscience, Chief Supervisor 2022-2023; Co-Supervisor with Mike Anderson as of 2023
3. Yi-Hsuan Kao, Experimentation in Rodent Behavioural Neuroscience, Philosophy of Neuroscience (2022-present), Chief Supervisor
4. Saher Panjwani, Consciousness and Neuroscience, Co-supervisor with Angela Mendelovici, 2022-present

Previous Mentoring & Supervision

Postdoctoral Fellows

1. Dr. Dr. Sarah Arnaud, Philosophy of Psychology, Philosophy of Psychiatry, Philosophy of Mind <https://saraharnaud.com> (March 2022-July 2023; hired as Visiting Assistant Professor at Clemson University)

PhD Students

1. Katrina Zmave, Philosophy of Neuroscience and Psychiatry, 2021-2023 (left program with MA), Chief Supervisor
2. Jaclyn Lanthier, Understanding Interdisciplinary Corroboration: Lessons from a Review Paper in the Mind-Brain Sciences (PhD awarded October 2019; left the field), Chief Supervisor
3. Nicholas Slothouber, In Search of Psychiatric Kinds: Natural Kinds and Natural Classification in Psychiatry (PhD awarded October 2019; Currently an Instructor at Brock University, St. Catherine's, Ontario), Co-Supervisor w/Dennis Klimchuk
4. Frederic Ismael-Banville, A Practical and Practice-Sensitive Account of Science as Problem-Solving (PhD awarded July 2018; left the field), Chief Supervisor
5. Alara Cameron (né Jessey Wright), Evidence in Neuroscience: Towards a Philosophy of Data Analysis (PhD awarded July 2017; Initial Placement: 2017-2019 National Science Foundation and

Social Science and Humanities Research Council Postdoctoral Fellow at Stanford University;
Current: Senior Research Analyst, Department of Education, Culture and Employment,
Government of the Northwest Territories, Yellowknife), Chief Supervisor

MA Students

1. Katrina Zmavc, (co-supervisor with Dr. Tim Bussey and Dr. Lisa Saksida), Philosophy of Psychiatry & Neuroscience (April 2023)
2. John Stark, “Dark Matter Detection Experiments: Constraining the Unknown” (August 2021)
3. Charles Baaker, “Constructing Gettier Intuitions” (Awarded August 2019; Currently a PhD Student in Philosophy at Western)
4. Helen Meskhidze, “Simulationist’s Regress in Laboratory Astrophysics” (Awarded August 2017; Currently a PhD student in Logic and Philosophy of Science at UC Irvine)
5. Robert Munro, “Significance Testing for a Post-Crisis World” (Awarded, summer 2017; Currently a student in J.D. Program at University of British Columbia)
6. Jaclyn Lanthier, “Epistemic Progress in Cognitive Neuroscience and [Cognitive] Neurobiology: How, If at All, Can Functional Triangulation and Integration Contribute to this Process?” (Awarded August 2014)
7. Phoebe Friesen, “For Accuracy and For Honesty: Embracing the Epistemic Side of Scientific Explanation” (Awarded August 2013; PhD in Philosophy CUNY, 2018; Current: Assistant Professor of Biomedical Ethics, McGill University)
8. Peter Verveniotis, “Intentionality, Function and Neural Mechanisms” (Awarded August 2013; Currently a PhD student in Philosophy at UWO)

BA Students

1. Nada Khalifa, Scholar’s Elective Student, Western University (September 2021-present) “The Morality of Using Epigenetic Editing as a Tool for Crime Prevention”
2. Jasmine Kang, Scholar’s Elective Student, Western University (August 2020-April 2021), Thesis: “Reproducibility in Biomedical Research: Examining the Development of Trastuzumab”
3. Sadhvi Bahtra (co-advisor w/David Geldmacher), “Qualitative Assessment of Self-Identity in Advanced Dementia”(Awarded 05/2014; Currently a Resident in Obstetrics and Gynecology at University Hospitals in Ohio, USA)

External Examiner

PHD

1. Kristopher Nielson (Psychology, Victoria University of Wellington), “What is Mental Disorder? Developing an Embodied, Embedded, and Enactive Psychopathology” [2020]
2. Craig Roxborough (Philosophy, York University) “Putting the Folk Back in Folk Psychology: The Social, Cultural, and Moral Character of Folk Psychology” [2016]

MA/MS

3. Alexander Pereira (Philosophy, University of Sydney), “On the Nature of Pathological Fear: Specific Phobia and Natural Kinds” [2021]

Examiner at UWO

PHD

1. (Zili Dong (Philosophy) “Causal Variable Choice, Interventions, and Pragmatism” [2023]
2. Cory Goldstein (Philosophy) “A critical examination of informed consent approaches in pragmatic cluster-randomized trials”
3. Devin Duke (Psychology) “The Neural and Cognitive Basis of Cumulative Lifetime Familiarity Assessment”[2016]
4. Chris Martin (Psychology) “Category-Specific Item Recognition and the Medial Temporal Lobe” [2015]

5. Jennifer Milne (Psychology) “Seeing with Sound: Investigating the Behavioral Applications and Neural Correlates of Human Echolocation” [2014]
6. Ed O’Neil (Psychology) “Representation of Faces in Perirhinal Cortex” [2013]

MS

1. Gregory Brooks (Psychology) “Feeling-of-Knowing Experiences Breed Curiosity [2020]
2. Margarita Maltseva (Psychology) “Congruent Familiar Size Relationships Decrease Size Contrast” [2015]
3. Jordan Zunder (Neuroscience) “Dissociating the Psychoactive Effects of Distinct Cannabis Compounds in the Mesocorticolimbic Circuitry” [2014]
4. Jeffrey Wong (Psychology) “Revisiting Working Memory: Are Domain, Process, and Global Models Mutually Exclusive, Nested or Orthogonal?: A revised model of neural mechanisms underlying working memory” [2014]
5. Samantha Podebarac (Psychology) Are Visual Texture-selective Areas Recruited During Haptic Texture Discrimination? [2013]

Prospectus Examination Committees - UWO

1. Daniel Booth (Philosophy), “Empirical Evidence and the Multiple Realization of Mental Kinds” [2013]
2. Will Laufs (Philosophy), Agency and the Philosophy of Mind [2021]
3. Zilli Dong (Philosophy), “Interventions, Causal Variable Choice, and Pragmatism” [2021]
4. Todd Nagel (Philosophy), “Can a Functional View Help Make sense of Non-Fundamental Spacetime?” [2023]
5. Heather Champion (Philosophy), “On the Novelty and Robustness of Scientific Explanation with Machine Learning” [2023]

Courses Taught

UWO (Graduate): Directed Readings; Philosophy of Neuroscience; Philosophy of Scientific Experimentation; The Cognitive Ontology Debate; Prospectus Course

UWO (Undergraduate): Critical Thinking; The Scientific Search for the Mind; Philosophy of Neuroscience; Epistemology; Guest Lecturer on Ethics of Animal Experimentation for Arthur Brown’s Advanced Topics in Integrative Neuroscience Course; Guest lecturer on History of Biological Psychiatry in Steve Laviolette and Walter Rushlow’s Biological Psychiatry Course

UAB (undergraduate): Philosophy of Neuroscience; Epistemology; Bioethics; Philosophy of Mind; Philosophy of Psychopathology (w/Harold Kincaid)

Pitt (undergraduate, independently taught): Magic, Medicine, and Science; Morality and Medicine; Myth and Science; Darwinism and Its Critics; Science and Pseudoscience; Mind and Medicine

Pitt (undergraduate, TAships): Introduction to Neuroscience; Explanations of Humans and Society; Morality and Medicine; Mind and Medicine

PROFESSIONAL SERVICE

University Service, University of Western Ontario

- PhD Thesis Examination Chair, Ricky Kong, UWO – Biology [2020]
- Committee Member, Special Initiative Funding Program, BrainsCAN [2019-present]

- Faculty Member for Scholar's Elective Program [2020-2021]
- MouseTRAP Advisory Committee Member, UWO, October 2022-present
- Faculty of Arts and Humanities Representative on Faculty of Science Council [July 1, 2025-present]

Service in Department of Philosophy, University of Western Ontario

- Graduate Development and Placement Coordinator, Department of Philosophy, July 2021-June 2023
- Annual Performance Evaluation Committee, July 2015-July 2017, July 2020-June 2022, July 2025-present
- Appointments Committee, July 2012-July 2015, July 2016-July 2017, July 2018-present
- Chair's Selection Committee, July 2019-June 2021
- Workload Committee, 2021-present
- Undergraduate Honors Mentoring Coordinator, July 2016-July 2017
- Advisor to Undergraduate Philosophy Club, *The School of Thought*, July 2012-July 2017, July 2025-present
- Graduate Program Committee for Mind and Language, July 2012-present
- Graduate Program Committee for Philosophy of Science, July 2012-present
- Originator and Coordinator of Writing Workshop for BMI-Rotman Lab Associates Group, May 2015-September 2015
- Committee for Women's Concerns, July 2014-December 2014
- Climate Committee, July 2018-July 2019, July 2025-present (Chair)
- Graduate Admissions Committee, Member, July 2012-June 2013, July 2018-July 2020
- Undergraduate Outreach Committee, Member, July 2012-June 2013, July 2015-June 2016
- Undergraduate Outreach Committee, Chair, July 2020-present

Service in Rotman Institute of Philosophy, University of Western Ontario

- Associate Director, Research and Knowledge Mobilization, July 2022-June 2023
- Co-founder and co-coordinator of BMI-Rotman Lab Associates Program, September 2012-June 2013
- Philosophy and Neuroscience Committee, July 2012-June 2015
- Rotman Steering Committee, Member, July 2012-June 2015, July 2018-present
- Associate Director of Research and Knowledge Mobilization, Rotman Institute of Philosophy, July 2022 - June 2023
- Graduate Development and Placement Coordinator, Department of Philosophy, July 2021-present
- MouseTRAP Executive Committee Member, UWO, October 2022-present

Service in Department of Philosophy, University of Alabama at Birmingham

- Organizer and coordinator of "Realization, Multiplicity and Experimentation in Biology, Psychology & Neuroscience" Workshop (February 2010)
- Faculty Advisor, UAB Philosophy Club (2009-2012)
- Library Acquisitions Representative (2008-2012)

Service in College of Arts and Sciences (CAS), University of Alabama at Birmingham

- Undergraduate Neuroscience Mentor (2010-2012)
- Faculty Affairs Committee (2009-2010)
- Guest Lecturer for Science and Technology Studies Honors Program (Fall 2007; Fall 2009)

- Advisor for Science and Technology Studies Honors Program (Fall 2007, Fall 2009, Spring 2011-Spring 2012)
- Tenure and Promotion Committee (2007-2008)

Service to Profession

- Associate Editor, *British Journal for the Philosophy of Science* June 2023-present
- Elected Governing Board Member, Philosophy of Science Association, January 2022-December 2025
- Committee Member, PSA's Underrepresented Philosophy of Science Scholar's Committee, January 2022-present
- Council Member, International Society for the Philosophy of Sciences of the Mind (2022-2023)
- Committee Member, EPSA Conference 2023 Program Committee
- Committee Member, PSA 2020/21 Conference Program Committee
- Editorial Board, Oxford University Press – Oxford Studies in Philosophy of Science 2021-present

Manuscript Reviewing

- Oxford University Press, Cambridge University Press, University of Chicago Press, Routledge

Refereeing for Journals

- *Brain and Cognition; British Journal for the Philosophy of Science; International Journal of Alcohol and Drug Research; Minds and Machines; Philosophical Psychology; Philosophy of Science; Psychology, Crime and Law; THEORIA; Theory and Psychology; Studies in History and Philosophy of Science: Part C; History and Philosophy of the Life Sciences; Synthese*

Grant Reviewing

- Special Initiative Funding (SIF) Panel, BrainsCAN, UWO; McGill Healthy Brains for Healthy Lives Knowledge Mobilization Program; National Science Foundation, panelist; Referee for Social Sciences and Humanities Research Council (SSHRC) of Canada

Past Service in Department of History and Philosophy of Science, University of Pittsburgh

- Teaching Assistant-Teaching Fellow Mentor (2006-2007)
- Referee, Annual Pitt-CMU Graduate Conference in Philosophy (1999)
- Saturday Workshop Coordinator, Center for the Neural Basis of Cognition (CNBC)(2002-2004)

Conference Chairing

- 5th International Touchscreen Symposium, University of Western Ontario, Open Science Symposium Panel, (London, ON, June 2023)
- Science and Reality Conference, University of Western Ontario (London, ON, October 2013)
- Session on Issues in Cognitive Science, Society for the Philosophy of Science in Practice (Toronto, ON, June 2013)
- Session on Theory of Mind, Southern Society for Philosophy of Psychology (Savannah, GA, March 2012)
- Session on Mood, Southern Society for Philosophy of Psychology (New Orleans, LA, March 2011)

