

Center for Bioethics and Social Justice
College of Human Medicine
Michigan State University
phammic5@msu.edu
<http://michelletpham.weebly.com>

AREAS OF SPECIALIZATION: Neuroethics; Philosophy of Science; Social Epistemology

AREAS OF COMPETENCE: Bioethics; Feminist Philosophy

APPOINTMENTS

- 2022-present Assistant Professor, Center for Bioethics and Social Justice, College of Human Medicine, Michigan State University
- 2021-2022 Postdoctoral Research Fellow, Center for Bioethics, Harvard Medical School
- 2021 Postdoctoral Research Fellow, Center for Medical Ethics and Health Policy, Baylor College of Medicine
- 2020-2021 Postdoctoral Scholar, Department of Neurosurgery and David Geffen School of Medicine, University of California, Los Angeles

EDUCATION

- 2020 PhD, University of Washington (Philosophy)
Dissertation: "Consensus and Collaboration in Contemporary Scientific Practice"
- 2012 MA, University of Calgary (Canada) (Philosophy)
- 2010 BA, University of British Columbia (Canada) (History and Philosophy of Science)

PUBLICATIONS

Pham M., Pouratian N., Feinsinger A. (2022) "Engagement, Exploitation, and Human Intracranial Electrophysiology Research," *Neuroethics* 15, 25. <https://doi.org/10.1007/s12152-022-09502-1>

Lázaro-Muñoz G.,* **Pham MT.**,* Muñoz KA., Kostick-Quenet K., Sanchez CE., Torgerson L, Robinson J, Pereira S, Outram S, Koenig BA, Starr PA, Gunduz A, Foote KD, Okun MS, Goodman W, McGuire AL, Zuk P. (2022) "Post-trial Access in Implanted Neural Device Research: Device Maintenance, Abandonment, and Cost," *Brain Stimulation* 15: 1029-1036. <https://doi.org/10.1016/j.brs.2022.07.051>

*Co-first author

Pham M., Sample M., Dasgupta I., Goering S., Klein E. (2022) "Developing Ethical Guidelines for Implantable Neurotechnology: The Importance of Incorporating Stakeholder Input," In: Thakor N.V. (eds) *Handbook of Neuroengineering*. Springer, Singapore. https://doi.org/10.1007/978-981-15-2848-4_110-1

Goering S., Klein E., Specker Sullivan L., Wexler A., Agüera y Arcas B., Bi G., Carmena J.M., Fins J.J., Friesen P., Gallant J., Huggins J.E., Kellmeyer P., Marblestone A., Mitchell C., Parens E., **Pham M.**, Rubel A., Sadato N., Teicher M., Wasserman D., Whittaker M., Wolpaw J., and Yuste R. (2021) "Recommendations for Responsible Development and Application of Neurotechnologies," *Neuroethics* 14: 365-386.

Pham M., Goering S., Sample M., Huggins J.E., and Klein E. (2018) "Asilomar Survey: Researcher Perspectives on Ethical Guidelines for BCI Research," *Brain-Computer Interfaces* 5(4): 97-111.

Yuste R., Goering S., Bi G., Carmena J.M., Carter A., Fins J.J., Friesen P., Gallant J., Huggins J.E., Illes J., Kellmeyer P., Klein E., Marblestone A., Mitchell C., Parens E., **Pham M.**, Rubel A., Sadato N., Sullivan L.S., Teicher M., Wasserman D., Wexler A., Whittaker M., and Wolpaw J. (2017) "Four Ethical Priorities for Brain-Computer Interfaces," *Nature* 551: 159-163.

Specker Sullivan L., Klein E., Brown T., Sample M., **Pham M.**, Tubig P., Folland R., Truitt A., and Goering S. (2017) "Keeping Disability in Mind: A Case Study in Implantable Brain-Computer Interface Research," *Science and Engineering Ethics* 24: 479-504.

Reviews and Commentaries

Pham M. and Lázaro-Muñoz G. (2022) "Trust in Neuroethics," *AJOB Neuroscience* 13(1): 33-35.

Pham M., Storch E.A., Lázaro-Muñoz G. (2021) "Testimonial Injustice: Considering Caregivers in Pediatric Behavioral Healthcare," *Journal of Medical Ethics* 47: 738-739.

Feinsinger A., **Pham M.**, Pouratian N. (2021) "The Value of Heterogeneity in Practices to Promote Ethical Research," *AJOB Neuroscience* 12(1): 80-82.

Pham M. (2017) "Essay Review of Miriam Solomon's *Making Medical Knowledge*," *Philosophy of Science* 84(2): 377-384.

FELLOWSHIPS AND AWARDS

2015-2020 Research Ethics Fellow, Neuroethics Thrust at the [Center for Neurotechnology](#), University of Washington (UW)

2016-2017 Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship
- Nationally-competitive Canadian government grant for one year of research

- 2016 Graduate Teaching Award, UW Department of Philosophy
- 2015 Melvin Radar Award, UW Department of Philosophy
- Summer grant for innovative philosophical projects – used to take part in PIKSI (see Relevant Professional Experience)

PRESENTATIONS AND CONFERENCES

- June 2022 Poster Presentation (with Gabriel Lázaro-Muñoz et al), “Pediatric Deep Brain Stimulation for Dystonia: Patient and Caregiver Experiences,” NIH Brain Initiative Meeting
- June 2022 Poster Presentation (with Gabriel Lázaro-Muñoz et al), “Levels of Evidence: Clinician Perspectives on the Potential of DBS for Pediatric Patients with Treatment-Resistant OCD,” NIH Brain Initiative Meeting
- June 2022 Participant, “Horizon Scan on Artificial Intelligence & Performance Enhancement,” University of Massachusetts Lowell (invitation)
- Nov 2021 Poster Presentation (with Gabriel Lázaro-Muñoz et al), “Continued Access in Experimental Deep Brain Stimulation Research: Researcher and Participant Perspectives,” International Neuroethics Society
- Nov 2021 Speaker (with Ashley Feinsinger), “Engagement, Exploitation, and Basic Human Neuroscience Research,” International Neuroethics Society
- Oct 2021 Speaker (with Ashley Feinsinger), “Engagement, Exploitation, and Basic Human Neuroscience Research,” Public Philosophy Network, George Mason University
- May 2021 Speaker, “Social Roles in Scientific Collaboration,” Canadian Society for History and Philosophy of Science, University of Alberta, Canada
- Dec 2020 Speaker (with Ashley Feinsinger), “Engagement, Exploitation, and Basic Human Neuroscience Research,” Center for Neurotechnology, University of Washington
- Nov 2018 Speaker (with Sara Goering), “Bioethics in a Neural Engineering Lab,” Symposium, Philosophy of Science Association, Seattle, WA
- Nov 2018 Poster Presentation, “Scientific Consensus and Climate Science Skepticism,” Philosophy of Science Association, Seattle, WA
- Oct 2018 Commentator, “White Domination, Anti-Black Racism, and Recognition Wrongs” by Nikolas Maggos, Northwest Philosophy Conference, Bellevue College, Bellevue, WA

- June 2018 Poster Presentation, "Is Joint Commitment a Good Model for Capturing Expert Scientific Consensus?" Society for Philosophy of Science in Practice, Ghent University, Belgium
- May 2017 Participant, "Ethical Guidelines for Neurotechnologies Workshop," Columbia University, New York, NY
- Apr 2017 Commentator, "The Current State of Asian and Asian American Philosophers" American Philosophical Association - Pacific, Seattle, WA
- Nov 2016 Participant, "Ethically Engaged Neural Engineering," The Joint Caucus of Socially Engaged Philosophers and Historians of Science, Philosophy of Science Association, Atlanta, GA
- Aug 2014 Speaker, "Scientific Consensus," Association for Feminist Epistemologies, Methodologies, Metaphysics, and Science Studies and the Canadian Society for Women in Philosophy, University of Waterloo, Canada

TEACHING EXPERIENCE

Instructor, Harvard Medical School

Bioethics 704: Neuroethics (co-taught)

Instructor, University of Washington

Phil 100 Introduction to Philosophy

Phil 242 Medical Ethics

Teaching Assistant, University of Washington

Phil 100 Introduction to Philosophy (twice)

Phil 102 Contemporary Moral Problems (twice)

Phil 120 Introduction to Symbolic Logic

Phil 160 Introduction to Philosophy of Science

Phil 240 Introduction to Ethics (twice)

Phil 242 Medical Ethics (twice)

Teaching Assistant, University of Calgary

Med 241 Medical Science Inquiry I: Introduction to Health Research Literacy I

Phil 100 Introduction to Ethics

RELEVANT PROFESSIONAL EXPERIENCE

2017-2020 Managing Editor, *Philosophy of Science*

- Monitored the progress of all submitted papers through all stages of the review process, worked as the Book Review and Essay Review Editor, and prepared five journal issues per year for publication at the University of Chicago Press

- 2018 Mentor, Research Experience for Undergraduates Program, Center for Neurotechnology
- Mentored a student over the summer on her project “Underrepresented: Assessing Inclusionary Practices in Neuroscience Research”
- 2015 Graduate Mentor, Philosophy in an Inclusive Key Summer Institute (PIKSI), Rock Ethics Institute, Pennsylvania State University
- Mentored students in an intensive summer program that aims to encourage members from underrepresented groups to pursue graduate studies in philosophy

SERVICE

Reviewer

American Journal of Bioethics (AJOB) Neuroscience
Philosophy of Science

Departmental Service, Harvard Medical School

2021-2022 Neuroethics Undergraduate and Graduate Mentor
2021-2022 Neuroethics Reading Group Organizer

Departmental Service, University of Washington

2018-2019 Placement Committee
2017-2018 Curriculum Committee
2014-2015 Graduate Colloquium Coordinator
2013-2018 First-year Graduate Student Mentor
2013-2014 Department Climate Committee

PROFESSIONAL AFFILIATIONS

American Society for Bioethics and Humanities
American Philosophical Association – Pacific Division
Canadian Society for Women in Philosophy
International Neuroethics Society
Philosophy of Science Association
Philosophy of Science Association Women’s Caucus

LANGUAGES

Vietnamese (fluent speaker, some reading)