

MICHELLE T. PHAM

CURRICULUM VITAE

Center for Bioethics and Social Justice & Department of Medicine
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AREAS OF SPECIALIZATION: Neuroethics; Bioethics; Philosophy of Science

AREAS OF COMPETENCE: Feminist Philosophy; Social Epistemology

ACADEMIC APPOINTMENTS

- 2022-present Assistant Professor, Center for Bioethics and Social Justice & Department of Medicine,
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)
- 2012 MA, University of Calgary (Canada) (Philosophy)
- 2010 BA, University of British Columbia (Canada) (History and Philosophy of Science)

PUBLICATIONS

Hereth, B., de Boisboissel, G., Bricknell, M.C.M., Brickner, M., Casebeer, W., Davidovic, J., Earl, J., Eisikovits, N., Feldman, D., Garcia, L.F., Gilbert, F., Guérin, V., Henschke, A., Hughes, J., Lambert, D., Latheef, S., Moreno, J.D., Peebles, I.S., **Pham, M.T.**, Pindyck, S., Rudyak, I., Shinomiya, N., Shortland, N.D., Sparrow, R., Stramondo, J., Tabouy, L., Tubig, P., Whetham, D., Evans, N.G. (*forthcoming*) "Horizon Scan of Emerging Issues at the Intersection of National Security, Artificial Intelligence, and Human Performance Enhancement," *Science and Engineering Ethics*.

Wilkins, R.B., Coffin, T., **Pham M.**, Klein E., Marathe, M. (2025) "Minding the Gap: Bridging Ethical Considerations and Regulatory Oversight in Implantable BCI Human Subjects Research," *Frontiers in Human Neuroscience* 19. <https://doi.org/10.3389/fnhum.2025.1633627>

Tubig P.A., Brown T.A., McCusker D., **Pham M.**, Klein E., Goering S. (2024) "From an Ethics 'Side Dish' to 'Your Modus Operandi': Neurotechnology Researcher Perspectives on the Impacts of a Decade of Embedded Ethics Collaboration," *Journal of Responsible Innovation* 11(1). <https://doi.org/10.1080/23299460.2024.2414493>

Pham M.T., Campbell T.A., Dorfman N.J., Torgerson L., Kostick-Quenet K., Blumenthal-Barby J., Storch E.A., Lázaro-Muñoz G. (2023) "Clinician Perspectives on Levels of Evidence and Oversight for Deep Brain Stimulation for Treatment-Resistant Childhood OCD," *Journal of Obsessive-Compulsive and Related Disorders* (39) Oct: 100830. <https://doi.org/10.1016/j.jocrd.2023.100830>

Merner A.R., Kostick-Quenet K., Campbell T.A., **Pham M.T.**, Sanchez C.E., Torgerson L., Robinson J., Pereira S., Outram S., Koenig B.A., Starr P.A., Gunduz A., Foote K.D., Okun M.S., Goodman W., McGuire A.L., Zuk P., Lázaro-Muñoz G. (2023) "Participants' Perceptions of Changes in Psychological Domains Following Deep Brain Stimulation," *Brain Stimulation* 16(4): 990-998. <https://doi.org/10.1016/j.brs.2023.06.007>

Pham M.T., Pouratian N., Feinsinger A. (2022) "Engagement, Exploitation, and Human Intracranial Electrophysiology Research," *Neuroethics* 15 (3, Oct): 25. <https://doi.org/10.1007/s12152-022-09502-1>

Lázaro-Muñoz G.,* **Pham M.T.**,* Muñoz K.A., Kostick-Quenet K., Sanchez C.E., Torgerson L., Robinson J., Pereira S., Outram S., Koenig B.A., Starr P.A., Gunduz A., Foote K.D., Okun M.S., Goodman W., McGuire A.L., Zuk P. (2022) "Post-trial Access in Implanted Neural Device Research: Device Maintenance, Abandonment, and Cost," *Brain Stimulation* 15 (5): 1029-1036. <https://doi.org/10.1016/j.brs.2022.07.051>

*Co-first author

Pham M.T., 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. <https://doi.org/10.1007/s12152-021-09468-6>

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. <https://doi.org/10.1080/2326263X.2018.1530010>

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 Neurotechnologies and AI," *Nature* 551: 159-163. <https://doi.org/10.1038/551159a>

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. <https://doi.org/10.1007/s11948-017-9928-9>

Commentaries and Reviews

Habab M. and **Pham M.T.** (2024) "Medical Interpretation Services: Challenges for LEP Communities," *American Journal for Bioethics* 24(11): 72-74. <https://doi.org/10.1080/15265161.2024.2399848>

Morgan L.J. and **Pham M.T.** (2024) "Examining Right To Try Practices," *Journal of Medical Ethics* 50: 118-119. <https://doi.org/10.1136/jme-2023-109600>

Pham M.T. and McCurdy J. (2023) "Who's Experience, Which Liability?" *American Journal for Bioethics* 23(1): 41-43. <https://doi.org/10.1080/15265161.2022.2146804>

Pham M.T. and Lázaro-Muñoz G. (2022) "Trust in Neuroethics," *AJOB Neuroscience* 13(1): 33-35. <https://doi.org/10.1080/21507740.2021.2001088>

Pham M.T., Storch E.A., Lázaro-Muñoz G. (2021) "Testimonial Injustice: Considering Caregivers in Pediatric Behavioral Healthcare," *Journal of Medical Ethics* 47(11): 738-739. <https://doi.org/10.1136/medethics-2021-107937>

Feinsinger A., **Pham M.**, Pouratian N. (2021) "The Value of Heterogeneity in Practices to Promote Ethical Research," *AJOB Neuroscience* 12(1): 80-82. <https://doi.org/10.1080/21507740.2020.1866116>

Pham M. (2017) "Essay Review of *Making Medical Knowledge*," *Philosophy of Science* 84(2): 377-384. <https://doi.org/10.1086/690725>

Decision Aid

(2023) "Pediatric Deep Brain Stimulation for Childhood Dystonia," <https://www.pediatricdbs.com/>

GRANTS AND AWARDS

2025 Top Abstract and Top Poster, International Neuroethics Society Conference (INS)

2024-2025	PI, “Peer Support for BRAIN Pioneers,” NIH BRAIN Initiative Supplemental Grant to “Caring for BRAIN Pioneers” (PIs: Sara Goering and Eran Klein, University of Washington) (\$105,058)
2024	Outstanding Presentation, International Neuroethics Society Conference
2023-2024	Fellow, Community-Engaged Research Fellows Program, University of Outreach and Engagement, Michigan State University (\$4,500)
2021	Top Abstract, International Neuroethics Society Conference
2016-2017	Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship (\$20,000CA)
2016	Graduate Teaching Award, University of Washington, Department of Philosophy
2015-2020	Research Ethics Fellow, Neuroethics Thrust – Center for Neurotechnology, University of Washington
2015	Melvin Radar Award, University of Washington, Department of Philosophy (\$3000) - Summer grant for innovative philosophical projects – used to take part in PIKSI (see Relevant Professional Experience)

PRESENTATIONS AND CONFERENCES (peer reviewed*)

Oct 2025	Paper Presentation, “Why We Need Community-Based Participatory Research in Neuroethics,” American Society for Society and Humanities, Portland, OR*
Apr 2025	Research Talk, “Institutional Review Boards in Neurotechnology Research: A Critical Examination,” International Neuroethics Society, Bavarian Academy of Science, Munich, Germany*
Apr 2025	Poster Presentation, “Peer Support for Brain Pioneers? Using a World Café Approach to Explore What’s at Stake,” International Neuroethics Society, Bavarian Academy of Science, Munich, Germany*
Nov 2024	Speaker, “Ethical Challenges in Neural Device Research,” Stanford School of Medicine, Palo Alto, CA (invited)
June 2024	Paper Presentation (with Megh Marathe), “Institutional Review Boards in Neurotechnology Research: A Critical Examination,” Canadian Society for History and Philosophy of Science, McGill University, Montreal, QC Canada*
June 2024	Poster Presentation, “Peer Support for BRAIN Pioneers,” NIH BRAIN Initiative Meeting, Rockville, MD

June 2024	Poster Presentation, “It’s Time for Community-Based Participatory Research in Neuroethics,” NIH BRAIN Initiative Meeting, Rockville, MD
May 2024	Research Talk, “Ethical Issues in Neurotechnology Research,” Behrmann Lab, University of Pittsburgh, (invited)
May 2024	Research Talk, “Neurotechnology Research: How Should We Pursue Participant Engagement?,” Research Forum, Department of Medicine, Michigan State University (invited)
Apr 2024	Research Talk, “It’s Time for Community-Based Participatory Research in Neuroethics,” International Neuroethics Society, Baltimore, MD*
Oct 2023	Paper Presentation, “Clinician Perspectives on Levels of Evidence and Oversight for Deep Brain Stimulation for Treatment-Resistant Childhood OCD,” American Society for Bioethics and Humanities, Baltimore, MD*
June 2023	Poster Presentation, “Clinician Perspectives on Levels of Evidence and Oversight for Deep Brain Stimulation for Treatment-Resistant Childhood OCD,” NIH BRAIN Initiative Meeting
Apr 2023	Participant, The Ethical Significance of Super Soldiers, University of Pennsylvania (invited – discussion-based conference)
Nov 2022	Poster Presentation, “Levels of Evidence: Clinician Perspectives on the Potential of DBS for Pediatric Patients with Treatment-Resistant OCD,” International Neuroethics Society, Institut de recherches cliniques de Montréal (IRCM), Montreal, Canada*
Nov 2022	Poster Presentation, “Pediatric Deep Brain Stimulation for Dystonia: Patient and Caregiver Experiences,” International Neuroethics Society, Institut de recherches cliniques de Montréal (IRCM), Montreal, Canada*
Oct 2022	Presenter, “Pediatric Deep Brain Stimulation for Dystonia: Patient and Caregiver Experiences,” American Society for Bioethics and Humanities, Portland, OR*
Sept 2022	Speaker, “Engagement, Exploitation, and Human Intracranial Electrophysiology Research” Philosophy Department, Michigan State University (invited)
June 2022	Poster Presentation, “Pediatric Deep Brain Stimulation for Dystonia: Patient and Caregiver Experiences,” NIH BRAIN Initiative Meeting
June 2022	Poster Presentation, “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 Pennsylvania (invited)
Nov 2021	Poster Presentation, "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 (invited)
Nov 2018	Speaker (with Sara Goering), "Bioethics in a Neural Engineering Lab," Symposium, Philosophy of Science Association, Seattle, WA (invited)
Nov 2018	Poster Presentation, "Scientific Consensus and Climate Science Skepticism," Philosophy of Science Association, Seattle, 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 (invited)
Apr 2017	Commentator, "The Current State of Asian and Asian American Philosophers" American Philosophical Association - Pacific, Seattle, WA (invited)
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***Preceptor, College of Human Medicine (CHM), Michigan State University***

- 2024-2025 ASK V Difficult Conversations: Investor Acquisitions of Medical Practices (x2)
ECE Intercession 2: Health Systems Complexities and Patient Vulnerabilities
Psychiatry Residency Seminar
Simulation: Health Systems
Simulation: Spinal Cord Injury Panel (x2)
- 2023-2024 ASK V Difficult Conversations: Multi-Cancer Screening Liquid Biopsy Tests
ECE Intercession 2: Health Systems Complexities and Patient Vulnerabilities
Psychiatry Residency Seminar
Simulation: Advanced Directives and Social Determinants of Health (x2)
Simulation: Health Systems (x2)
Simulation: LGBTQIA+ Panel
Simulation: Navigating Controversy & Maintaining Trust (x2)
- 2022-2023 ASK V Difficult Conversations: Current Topics on Reproductive Medicine
ECE Intercession 2: Health Systems Complexities and Patient Vulnerabilities
Psychiatry Residency Seminar
Simulation: Ambiguous Genitalia (x2)
Simulation: Health Systems
Simulation: How to Give & Receive Written Feedback (x2)
Simulation: LGBTQIA+ Panel (x2)
Simulation: Spinal Cord Injury Panel

Research Mentor, CHM Michigan State University

- 2025-present Tyra Cobb (M1) (CHM Early Mentors for Research Program 2025)
- 2024-present Fadwat Bazzi (M3)
- 2023-present Mariam Habhab (M3)
- 2023-2025 Leslie J. Morgan (M2-M4) (CHM Early Mentors for Research Program 2023)
- 2023-2024 Arynn de Leeuw (MA Public Health)
E'Lise Harden (M2)
Cielito (Cielo) M. Robles (M2)

Assessment and Curriculum, CHM Michigan State University

- 2024-2025 CHM MMIs (x7)
- 2023-2024 CHM MMIs (x4)

Guest Lectures, Michigan State University

- Sept 2024 MI 480: Information and Communication Technologies and Development (College of Communication Arts and Sciences)

Apr 2024 WS492: Women's and Gender Studies Senior Seminar (College of Arts and Letters)

Instructor, Harvard Medical School

Bioethics 704: Neuroethics

Instructor, University of Washington

Phil 100 Introduction to Philosophy

Phil 242 Medical Ethics

Teaching Assistant, University of Washington

Phil 100 Introduction to Philosophy (x2)

Phil 102 Contemporary Moral Problems (x2)

Phil 120 Introduction to Symbolic Logic

Phil 160 Introduction to Philosophy of Science

Phil 240 Introduction to Ethics (x2)

Phil 242 Medical Ethics (x2)

SERVICE

Michigan State University

2024-2025 Committee, CHM Medical Education Scholarship Showcase

2023-2025 Search Committee, CHM Translational Neuroscience 1964 Project

2023-present CHM Student Grievance/Complaint Hearing Panel

2023 Marshall Scholarship Mock Interviewer, MSU Honors College (one time)

2022-present Organizer, Junior Faculty Writing Group

2022 (fall) Neuroethics/Ethics Reading Group Organizer

Academic Conferences and Societies

2025-present Nominating Committee, International Neuroethics Society (INS)

2025-present Program Committee, INS

2023-2024 Abstract Committee Chair, INS

2023-2024 Program Committee, INS

2024 Poster Judge, INS

2023, 2024 Mentor to Junior Scholars, INS

Peer Reviewer

Grants NIH National Institute of Neurological Disorders and Stroke – Neurological Sciences and Disorders Study Section (x3)
 NIH National Institute of Neurological Disorders and Stroke – Special Emphasis Panel (x4)
 NSF Emerging Frontiers in Research and Innovation (EFRI)

Journals *American Journal of Bioethics (AJOB) Neuroscience, American Journal of Bioethics (AJOB) Empirical Bioethics, BioMed Central (BMC) Medical Ethics, IEEE Transactions on Neural Networks and Learning Systems, Frontiers, Medicina Historica, Nature Human Behavior, Neuroethics Philosophy of Science, Scientific Reports, Synthese*

Conferences Abstract Reviewer, American Society for Bioethics and Humanities (ASBH) (x2)
& Societies Abstract Reviewer, INS (x3)

Outreach

Mar 2025 Podcast Interview, Cyborg Goddess – A Feminist Tech Podcast (Host: Jill Fellows, PhD)
May 2024 Poster Presentation, Community-Engaged Research Fellows Program Capstone, MSU Office of Outreach and Engagement
Mar 2024 Speaker, Grand Rounds, MSU Department of Medicine
Nov 2023 Speaker, Public Ethics Seminar, MSU Center for Bioethics and Social Justice

Center for Bioethics, Harvard Medical School

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

RELEVANT PROFESSIONAL EXPERIENCE

2017-2020 Managing Editor, *Philosophy of Science*
- Book Review and Essay Review Editor; managed all submitted papers through review process; 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 four three undergraduate students in an intensive summer program that aims to encourage members from underrepresented groups to pursue graduate studies in philosophy

PROFESSIONAL AFFILIATIONS

American Society for Bioethics and Humanities
Canadian Society for History and Philosophy of Science
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)