

MICHELLE T. PHAM

CURRICULUM VITAE

Center for Bioethics and Social Justice & Department of Medicine
Michigan State University
East Lansing, MI 48824
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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

- [13] **Pham, M.T.**, de Leeuw, A., Burkhart, I., Klein, E., Goering, S. (2026) "Why We Need Community-Based Participatory Research (CBPR) in Neuroethics," *Neuroethics* 19(15).
<https://doi.org/10.1007/s12152-026-09643-7>
- [12] 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. (2025) "Horizon Scan of Emerging Issues at the Intersection of

National Security, Artificial Intelligence, and Human Performance Enhancement,” *Science and Engineering Ethics* 32(3). <https://doi.org/10.1007/s11948-025-00546-z>

[11] 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>

[10] 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>

[9] **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>

[8] 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>

[7] **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>

[6] 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

[5] **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

[4] 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>

- [3] **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>
- [2] 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>
- [1] 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

- [7] 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>
- [6] 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>
- [5] **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>
- [4] **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>
- [3] **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>
- [2] 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>
- [1] **Pham M.** (2017) "Essay Review of *Making Medical Knowledge*," *Philosophy of Science* 84(2): 377-384. <https://doi.org/10.1086/690725>

GRANTS AND AWARDS

- 2025-2027 Co-Lead (w/Megh Marathe), MSU Ethics Institute Research Fellowship, "Reimagining Human Subjects Protections in Neural Device Research" (\$15,000)

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 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*)

May 2026	Speaker, “Neuroethics Now,” Intersecting Minds Research Group, Emory University (invited)
Apr 2026	Panel Speaker, “Community-Engaged Collaborations in Neuroethics,” International Neuroethics Society, Stanford University, Palo Alto, CA*
Apr 2026	Poster Presentation, “A Qualitative Study on the Role of IRBs in Implantable Neural Device Research,” International Neuroethics Society, Stanford University, Palo Alto, CA*
Mar 2026	Speaker, “Ethical Challenges in Implantable Neural Device Research,” Department of Medical Ethics, Humanities, and Law, Western Michigan University Homer Stryker School of Medicine (invited)
Oct 2025	Paper Presentation, “Why We Need Community-Based Participatory Research in Neuroethics,” American Society for Bioethics and Humanities, Portland, OR*
Sept 2025	Poster Presentation, “Peer Support for Brain Pioneers? Using a World Café Approach to Explore What’s at Stake,” Henry Ford + MSU Neuroscience Research Symposium, Michigan State University

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," Department of Neurology, Stanford School of Medicine (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

ASK V: Current Topics on Reproductive Medicine (2023)
 ASK V: Investor Acquisitions of Medical Practices (2025)
 ASK V: Multi-Cancer Screening Liquid Biopsy Tests (2024, 2026)
 CBL 1: Building a Foundation in Healthcare Ethics (2025, 2026)
 CBL 4: Social Determinants of Health, Health Disparities, and Confidentiality (2026)
 CBL 5: Health Systems Foundations and Shared Decision Making (2026)
 Intersession 2: Health Systems Complexities and Patient Vulnerabilities (2023, 2024, 2025)
 Clinical Ethics and Structural Competency (2025, 2026)
 Psychiatry Residency Seminar (2022, 2023, 2024, 2025)
 Simulation: Advanced Directives and Social Determinants of Health (2024)
 Simulation: Ambiguous Genitalia (2022)
 Simulation: Health Systems (2023, 2024, 2025)
 Simulation: How to Give & Receive Written Feedback (2023)
 Simulation: LGBTQIA+ Panel (2023, 2024)
 Simulation: Navigating Controversy & Maintaining Trust (2024)
 Simulation: Spinal Cord Injury Panel (2022, 2024)

Research Mentor, CHM Michigan State University

2026-present Farid Alsebeh (M1-) (Dean's Scholars Mentor Program)
 2025-present Tyra Cobbs (M1-) (CHM Early Mentors for Research Program 2025)

	Qingxuan Pan (PhD Philosophy)
2024-2026	Fadwat Bazzi (M3-M4)
2023-2026	Mariam Habhab (M2-M4)
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 M. Robles (M2)

Assessment and Curriculum, CHM Michigan State University

2026	Clinical Ethics and Structural Competency Curriculum Development
2026	ASK II Grading – Virtuous Professional Post-Conflict of Interest
2025-present	SDC 2.0 Curriculum Revision – GI/Urinary Cluster
2023-present	CHM Admissions Interviews

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

SERVICE

Michigan State University

2025-present	Dissertation Committee Member, Department of Philosophy, College of Arts & Letters (Qingxuan Pan)
2025	Grant Reviewer, MSU Ethics Institute
2024-2025	Committee Member, CHM Medical Education Scholarship Showcase
2023-2025	Search Committee Member, CHM Translational Neuroscience 1964 Project
2023-present	Committee Member, CHM Student Grievance/Complaint Hearing Panel
2023	Mock Interviewer, MSU Honors College Marshall Scholarship
2022-2026	Organizer, Junior Faculty Writing Group
2022 (fall)	Neuroethics/Ethics Reading Group Organizer

Academic Conferences, Societies, and Institutions

2025-present	Nominating Committee, International Neuroethics Society (INS)
2025-2026	Program Committee, INS
2023-2024	Program Committee, INS

2023, 2024, 2026 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, Frontiers, IEEE Transactions on Neural Networks and Learning Systems, Medicina Historica, Nature Human Behavior, Neuroethics Philosophy of Scienc, Scientific Reports, Synthese*

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

Data Safety Monitoring Board (DSMB)

2026-present DSMB Member, “Deep Brain Stimulation for SCA1 and SCA3,” Phase 1 Clinical Trial NIH UG3 (PI: Sheng-Han Kuo, Columbia University)

Outreach

Nov 2026 Panelist, “Ethics, Well-being, and the Campus Community,” Fall Ethics Symposium, MSU Ethics Institute

Feb 2026 Speaker, MSU Department of Family Medicine

Mar 2025 Podcast Interview, Cyborg Goddess – A Feminist Tech Podcast (Host: Jill Fellows, PhD), S4E4 “Brain Pioneers: Patient Rights and Neuroethics”

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 encourages members from underrepresented groups to pursue graduate studies in philosophy

PROFESSIONAL AFFILIATIONS

American Society for Bioethics and Humanities (ASBH)
Canadian Society for History and Philosophy of Science (CSHPS)
Canadian Society for Women in Philosophy (CSWIP)
International Neuroethics Society (INS)
Philosophy of Science Association (PSA)
Philosophy of Science Association Women’s Caucus
Public Responsibility in Medicine and Research (PRIM&R)

LANGUAGES

Vietnamese (fluent speaker, some reading)