

# 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

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](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**

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, Baltimore, MD
2023-2024	Fellow, Community-Engaged Research Fellows Program, University of Outreach and Engagement, Michigan State University (\$4,500)
2021	Top Abstract, International Neuroethics Society
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\*)

Nov 2024 Neurology Grand Rounds, “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, Rockville, MD

Poster Presentation, “It’s Time for Community-Based Participatory Research in Neuroethics,” NIH BRAIN Initiative, 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\*

- 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
- 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\*
- 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 (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, Michigan State University*

- 2024-2025 ASK V Difficult Conversations: Investor Acquisitions of Medical Practices (x2)  
ECE Intersession 2: Health Systems Complexities and Patient Vulnerabilities  
Psychiatry Residency Seminar  
Simulation: Spinal Cord Injury Panel (x2)
- 2023-2024 ASK V Difficult Conversations: Multi-Cancer Screening Liquid Biopsy Tests  
ECE Intersession 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 Intersession 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, Michigan State University**

- 2025-present Tyra Cobb (ECE) (CHM Early Mentors for Research Program)
- 2024-present Fadwat Bazzi (LCE)  
Jasmiyne Hudson (LCE)
- 2023-present Mariam Habhab (LCE)  
Leslie J. Morgan (LCE) (CHM Early Mentors for Research Program)
- 2023-2024 Aryn de Leeuw (MA student Public Health)  
E'Lise Harden (MCE)  
Cielito (Cielo) M. Robles (MCE)

**Guest Lecture, Michigan State University**

- 2024 Sept MI 480: Information and Communication Technologies and Development (College of Communication Arts and Sciences)
- 2024 Apr WS492: Women's and Gender Studies Senior Seminar (College of Arts and Letters)

**Admissions Assessment, Michigan State University**

- 2024-2025 Interviewer, CHM Multiple Mini Interviews (MMIs) (x7)
- 2023-2024 Interviewer, CHM MMIs (x4)

**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**

**Administrative/Committee, Michigan State University**

- 2024-present Committee Member, CHM Medical Education Scholarship Showcase
- 2023-present Search Committee Member, CHM Translational Neuroscience 1964 Project
- 2023 Marshall Scholarship Mock Interviewer, MSU Honors College (one time)
- 2023-present CHM Student Grievance/Complaint Hearing Panel
- 2022-present Organizer, BSJ Junior Faculty Writing Group

2022 (fall) Neuroethics/Ethics Reading Group Organizer

***Academic Conferences and Societies***

2024 Abstract Reviewer, International Neuroethics Society (INS)  
 2024 Mentor to Junior Scholars, INS  
 2024 Poster Judge, INS  
 2023-2024 Program Committee, INS  
 2023-2024 Abstract Committee Chair, INS  
 2023 Abstract Reviewer, American Society for Bioethics and Humanities

***Peer Reviewer***

Grants NIH National Institute of Neurological Disorders and Stroke – Neurological Sciences and Disorders Study Section  
 NIH National Institute of Neurological Disorders and Stroke – Special Emphasis Panel  
 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*  
*Neuroethics*  
*Philosophy of Science*  
*Scientific Reports*  
*Synthese*

***Outreach***

2024 May Poster Presentation, Community-Engaged Research Fellows Program Capstone, MSU Office of Outreach and Engagement  
 2024 Mar Speaker, Grand Rounds, MSU Department of Medicine  
 2023 Nov 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

***Philosophy Department, 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

### **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 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)