

August 20th, 2021

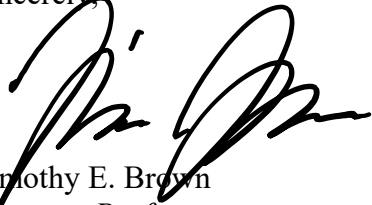
RE: Board of Directors Nomination

Dear INS Nominating Committee,

I am writing this letter to state my interest in serving on the INS' Board of Directors. In nearly decade-long history with the INS, I have grown deep roots within the society's formal committees and informal groups at various stages of my career. As a trainee, I served the maximum number of terms with the student/postdoc committee, and found mentorship and encouragement with Karen Rommelfanger's NEW leaders dinners. As a postdoc and as early-stage faculty, I have chaired the Diversity & Inclusion Task Force and co-chaired this year's Program Committee. As a board member, I would work to incorporate interests of underrepresented or otherwise marginalized groups in Society activities. I would also, as far as I can, help to extend the Society's reach and positive impact. It would be an honor to serve the Society in this capacity.

I appreciate the opportunity to express my interest in this position, and I look forward to hearing your decision about my candidacy. If you have any questions about my background or interests, feel free to contact me.

Sincerely,



Timothy E. Brown
Assistant Professor
Department of Bioethics & Humanities
UW Medicine

Timothy Emmanuel Brown

Department of Philosophy, University of Washington
Savery Hall, Box 353350, Seattle, WA 98195
timbr@uw.edu, <http://tmbrown.com>, +1 (310) 869-4532

Education

- 2019 PhD in Philosophy, University of Washington
Thesis: "Modulating Agency: the Moral & Aesthetic Import of Closed-Loop Deep-Brain Stimulation" under Sara Goering (Chair), Andrea Woody, and Carina Fourie
- 2014 MA in Philosophy, University of Washington
- 2008 BA in Philosophy (with Honors), University of California Santa Cruz

Research Areas

Biomedical Ethics, Philosophy of Technology, Black/Latinx/Queer Feminist Philosophy, (Disability) Aesthetics

Employment

- 2020–
2019 NIH Postdoctoral Scholar, Department of Philosophy, University of Washington
2019 Instructor, Department of Philosophy, University of Washington
- 2014–2019 Research Assistant, BioRobotics Lab, University of Washington
- 2011–2014 Teaching Assistant, Department of Philosophy, University of Washington
- 2008–2011 Teaching Assistant, Department of Philosophy, University of California Santa Cruz

Publications

Forthcoming

- 2021 E. Perez, T. Brown, *Black Panther and Philosophy*. Under contract with Wiley-Blackwell.
- 2021 I. Dasgupta, A. Schönau, T. Brown, E. Klein, S. Goering, "Does Closed-Loop DBS for Treatment of Psychiatric Disorders Raise Salient Authenticity Concerns?" in *Artificial Intelligence in Brain and Mental Health: Ethics & Policy Issues*, in press with Springer.
- 2020 A. Schönau, I. Dasgupta, T. Brown, E. Versalovic, E. Klein, S. Goering "Mapping the Dimensions of Agency," forthcoming in the *American Journal of Bioethics: Neuroscience*.

Journal Articles (* peer-reviewed)

- 2021 S. Goering, T. Brown, and E. Klein, "Neurotechnology ethics and relational agency." *Philosophy Compass*, e12734. *
- 2020 T. Brown, "Building Intricate Partnerships With Neurotechnology: Deep-Brain Stimulation and Relational Agency," *International Journal for Feminist Approaches to Bioethics (IJFAB)*, 13 (1): 134–154. *
- 2019 F. Gilbert, T. Brown, I. Dasgupta, H. S. Martens, E. Klein, S. Goering, "An Instrument to Capture the Phenomenology of Implantable Brain Device Use." *Neuroethics*. *
- 2019 H. Martens, T. Brown "Trusting Oneself and Others: Relational Vulnerability and DBS for Depression," *AJOB Neuroscience* 9, no. 4.
- 2019 M. Boulicault, T. Brown, "How Relationships Matter: The Need for Closer Attention to Relationality in Neuroethical Studies," *AJOB Neuroscience* 9, no. 4.
- 2018 T. Brown, "Mandatory Neurointerventions and the Risk of Racial Disparity." *AJOB Neuroscience* 9, no. 3: 156–57.
- 2018 H. Martens, and T. Brown. "Relational Autonomy and the Quantified Relationship." *The American Journal of Bioethics* 18, no. 2: 39–40.
- 2018 L. S. Sullivan, E. Klein, T. Brown, M. Sample, M. Pham, P. Tubig, R. Folland, A. Truitt, and S. Goering, "Keeping Disability in Mind: A Qualitative Study of BCI Researcher Perspectives," *Science and Engineering Ethics*, 24(2): 479-504. *
- 2017 S. Goering, T. Brown, and J. Alsarraf. "Others' Contributions to an Individual's Narrative Identity Matter." *AJOB Neuroscience* 8, no. 3: 176-178.
- 2017 J. Herron, M. Thompson, T. Brown, Howard Chizeck, Jeffrey Ojemann, and Andrew Ko. "Cortical brain computer interface for closed-loop deep brain stimulation." *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 25(11): 2180-2187. *
- 2016 T. Brown, "Neuroethics, Mental Health, and Prisons: What Does Race Have to Do with It?" *Brainstorm* 9 (1): 7-9.
- 2016 M. Thompson, J. Herron, T. Brown, H. J. Chizeck, J. Ojemann, and A. Ko, "Chronic ECoG for Sensing Movement Intention and Closed-Loop DBS with Wearable Sensors in an Essential Tremor Patient," *Journal of Neurosurgery*, 127(3): 449-708 *
- 2016 T. Brown, M. Thompson, J. Herron, A. Ko, H. J. Chizeck, and S. Goering, "Controlling Our Brains — On the Ethical Implications of Brain Computer Interface-Triggered Deep Brain Stimulation for Essential Tremor," *Brain-Computer Interfaces*, 3 (4): 165-170. *
- 2016 T. Brown, P. Moore, J. Herron, M. Thompson, T. Bonaci, H. J. Chizeck, and S. Goering, "Personal Responsibility in the Age of User-Controlled Neuroprosthetics", *Proceedings of the IEEE International Symposium on Ethics in Engineering, Science and Technology*.
- 2015 T. Brown, "A Relational Take on Advisory Brain Implant Systems." *AJOB Neuroscience*, 6, no. 4: 46–47.
- 2015 E. Klein, T. Brown, M. Sample, A. R. Truitt, and S. Goering. "Engineering the Brain: Ethical Issues and the Introduction of Neural Devices." *Hastings Center Report* 45 (6): 26–35. *

2012 T. Brown. "Narrative Practice Apart From Truth." *AJOB Neuroscience*, 3, no. 4: 91–92.

Public Scholarship

2020 T. Brown, H. Martens. "The Social Impact of Brain Machine Interfaces: Closing Remarks." *The Neuroethics Blog*

2020 T. Brown, K. Rommelfanger. "The Social Impact of Brain Machine Interfaces: Value Sensitive Design in Neurotechnology." *The Neuroethics Blog*

2020 T. Brown, A. Fink. "The Social Impact of Brain Machine Interfaces: Structural Inequality in BMI Study and Practice." *The Neuroethics Blog*

2020 T. Brown, L. Specker-Sullivan, K. Rommelfanger. "The Social Impact of Brain Machine Interfaces: Bias and (Big) Neural Data." *The Neuroethics Blog*

2020 T. Brown. "Moral Bioenhancement as a Potential Means of Oppression." *The Neuroethics Blog*

2017 T. Brown, M. Thompson. "When Neuroethicists Become Labmates." *The Neuroethics Blog*

Works in Progress

- * "Can I Trust This Device in my Head: Closed-loop DBS and Navigating Threats to Agency"
- * "'Are These My Feelings?' On the Trustworthiness of Biomimetic Sensory Feedback in Brain–Computer Interfaces"
- * "Anger is a Gift: Moral Enhancement as a Potential Means of Oppression"
- * "The Phenomenology of End Users of Closed-Loop Neural Devices for Treatment of Epilepsy" (with *Ishan Dasgupta*)
- * "When Ethicists Become Labmates: Lessons Learned from Embedding a Humanist in Neural Engineering Practices" (with *Margaret C. Thompson*)

Presentations (* invited, § coordinator, † poster)

2021 T. Brown, F. Shen, O. Matshabane, J. Kwasa "Scientific Oppression, Biological Reductionism, and the Future of Neurotechnology," *International Neuroethics Society Neuroethics Webinar*. *

2020 T. Brown., N. Martinez-Martin, K. S. Ray, A. Wexler, "Neuroethics and Race: Room for Inquiry?" *American Society of Bioethics and Humanities Annual Meeting*. *

2020 N. Farahany, I. Singh, L. Specker-Sullivan, T. Brown, N. Martinez-Martin, L. Cabrera, J. Farooqui, R. Nadler, N. Sinclair-House, "Leveraging Neuroethics in the Pursuit of Justice and Equity," *International Neuroethics Society Annual Meeting*. *

2020 T. Brown., N. Martinez-Martin, K. S. Ray, A. Wexler, "Neuroethics and Race: Room for Inquiry?" *American Society of Bioethics and Humanities Annual Meeting*. *

2020 T. Brown, "Agency, Affect, and Aesthetics: Making Sense of Lived-Experiences of Deep Brain Stimulation," *Benjamin Rabinowitz Symposium in Medical Ethics: Workshop on Empathy and Emotions*, University of Washington. *

- 2020 T. Summers, E. Versalovic, T. Brown, "Is it Me or the Device: Reframing DBS Patient Autonomy Concerns in Terms of Self-Trust," Feminist Approaches to Bioethics World Congress.
- 2019 T. Brown, "'Anger is a Gift': Moral Enhancement as a Potential Means of Oppression," International Neuroethics Society Annual Meeting. Chicago, Illinois. *
- 2019 T. Brown, "Deep-Brain Stimulation and the Aesthetics of Agency," International Neuroethics Society Annual Meeting. Chicago, Illinois. †
- 2019 I. Dasgupta, T. Brown, E. Klein, S. Goering, "Exploring Issues of Agency in End Users Living with Brain Computer Interfaces: Two Diverging Perspectives," International Neuroethics Society Annual Meeting. Chicago, Illinois. †
- 2019 T. Brown, J. Metcalf, "Neuro-interventions and machine bias," Joint University of Oregon–Oregon Health Sciences University Meeting: *Neuroscience, Ethics, & Law in an Era of Big Data*. Eugene, Oregon.*
- 2019 T. Brown, "Humanities Bootcamps: Strategies for programming and support," Graduate Career Consortium (GCC) Regional Meeting: Northwest and Western Canada, University of Washington.*
- 2018 K. Pratt, T. Brown, "Privacy and Policy of Neural Information," Information Ethics Roundtable, University of Copenhagen.
- 2018 T. Brown, "Lessons from Humanities Without Walls: an Alt-Ac Career Workshop," Simpson Center for the Humanities, University of Washington.*
- 2017 T. Brown, N. Wilson, and D. Sarma, "Designing Inclusive Neural Technologies: A Meta-study of Brain Computer Interface Research Practices," *International Neuroethics Society Annual Meeting*. Washington, DC. †
- 2016 T. Brown and M. C. Thompson. "When Neuroethicists Become Labmates: Obstacles, Recommendations, and Metrics for Success," *International Neuroethics Society Annual Meeting*. San Diego, CA. *
- 2016 E. Klein, M. Pham, L. S. Sullivan, T. Brown, P. Tubig, R. Folland, and S. Goering. "Neuroethics in Practice: Designing Principles for Neural Engineering Research," *International Neuroethics Society Annual Meeting*. San Diego, CA.
- 2016 T. Brown. "Being in Control: On the Possibility of Brain Computer Interface-Triggered Deep Brain Stimulation for Essential Tremor," *American Society of Bioethics and Humanities Annual Meeting*, San Diego, CA. †
- 2016 T. Brown, P. Moore, J. Herron, M. Thompson, T. Bonaci, H. J. Chizeck, and S. Goering, "Personal Responsibility in the Age of User-Controlled Neuroprosthetics," IEEE International Symposium on Ethics in Engineering, Science and Technology.
- 2016 T. Brown and Laura Specker-Sullivan, "Engineering Uncertainty at the Intersection of Agency, Autonomy, and Authenticity," *Bioethics: Preparing for the Unknown*, Center for the Study of Ethics in Society, Western Michigan University, Kalamazoo, MI.
- 2015 T. Brown, "Who Am I When I'm in Control: The Identity Ethics of Closed-Loop Deep Brain Stimulation for Essential Tremor," *International Neuroethics Society Annual Meeting*, Chicago, IL

- 2015 T. Brown, and M. Tate, Comments on Lisa Shapiro's "What is a Philosophical Work?" and Leroy Searle's "Philosophy, Vision, and Poetic Construction: William Blake and J. M. Coetzee's Foe" at the *Roles of Fiction in Early Modern Philosophy Conference*. University of Washington.*
- 2015 P. Moore, T. Brown, J. Herron, M. Thompson, T. Bonaci, S. Goering, H. Chizeck. "Personal Responsibility in the Age of User-Controlled Neuroprosthetics." *WeRobot Conference on Robotics, Law & Policy*.
- 2014 T. Brown. "Intersectionality in Neuroethics," *American Society of Bioethics and Humanities Annual Meeting*.
- 2013 S. Goering, E. Klein, T. Brown, A. Intriago, M. Sample, and A. Truitt. "Sensorimotor Neural Prosthetics and the Relevance of Disability Perspectives," *International Neuroethics Society Annual Meeting*. †

Grants & Contracts

- 2020 MacArthur Foundation X-Grant, #154509
"Exploratory Workshops on the Social Impacts of Brain-Machine Interfaces (BMIs)." \$20,000 to support workshop expenses. Non-senior co-author with Ryan Calo, under PI Sara Goering.
- 2019– NIH Diversity Supplemental Ethics Grant for BRAIN Initiative projects, #3RF1MH117800-01S1 Supplement to RF1, "Human agency and Brain Computer Interfaces; Understanding users' experiences and developing a tool for improved consent." \$214,762 to support postdoc position. Non-senior co-author with PIs Sara Goering and Eran Klein.
- 2014-2019 NSF ERC Center for Neurotechnology Subgrant, #EEC-102872
"Closed-loop DBS for Essential Tremor: Ethical Issues in Agency, Alienation and Device Acceptance," and "Agency for individuals using engineering neural device to induce plasticity." Funding to support RA position. Non-senior co-author with PIs Sara Goering and Eran Klein.

Teaching Experience

- 2019 Instructor, University of Washington
Sophomore-level: Medical Ethics
- 2011–2014 Teaching Assistant, University of Washington
Freshman-level: Intro to Philosophy, Intro to Logic, Practical Reasoning, Moral Problems
Sophomore-level: Medical Ethics
- 2008–2010 Teaching Assistant, University of California Santa Cruz
Freshman-level: Intro to Philosophy, Philosophy & Sexuality, Philosophy of Technology
Sophomore-level: Ancient Greek Philosophy, The Rationalists
Senior-level: The Problem of Other Minds

Public & Educational Outreach

Lectures

- 2018 Neuroethics Workshop, MIT Online Science, Technology, and Engineering Community (MOSTEC) program, Massachusetts Institute of Technology
- 2017, 2018 Introducing Neuroethics, Young Scholars Program-REACH (YSP-REACH), Center for Neurotechnology, University of Washington
- 2016, 2017 Introducing Neuroethics, Math & Science Upward Bound Program, University of Washington

Mentorship

- 2016–2018 Mentor, Research Experience for Undergraduates (REU) program, Center for Neurotechnology, University of Washington
- 2017 Program Co-coordinator & Mentor, Inclusive Summer High School Institute for Philosophy (ISHIP) program, Janet Prindle Institute for Ethics at DePauw University
- 2014 Mentor, Young Scholars Program (YSP), Center for Neurotechnology, University of Washington

Public Events

- 2018 Co-coordinator and Panelist, "UW Insider Series: Ethics and the Human Technology Frontier," University of Washington
- 2017 Panelist, "Neuroscience for Everyone," Neurobiology Department, University of Washington
- 2017 Panelist, "The Human-Technology Frontier: To Enhancement and Beyond?" National Science Foundation's Futurecon at Awesomecon

Honors & Awards

- 2020 Commencement Gonfaloniere on behalf of the Graduate School, University of Washington
- 2012–2019 Neuroethics Fellow, NSF Center for Neurotechnology (CNT), University of Washington
- 2019 James and Elisabeth Ewing Travel Award, International Neuroethics Society
- 2019 Springer Press Outstanding Poster Award, International Neuroethics Society
- 2019 Samuel and Althea Stroum Endowed Dissertation Fellow, Graduate Opportunities and Minority Achievement Program (GO-MAP), University of Washington
- 2018 Digital Humanities Summer Fellow, Simpson Center for the Humanities, University of Washington
- 2017 Oxford University Press Poster Award, International Neuroethics Society
- 2017 Fellow, Andrew W. Mellon Foundation Humanities Without Walls Pre-Doctoral Career Diversity Summer Workshop
- 2016 Oxford University Press Poster Award, International Neuroethics Society

2015 1st place winner, Center for Neurotechnology 2nd Annual Hackathon, University of Washington

Professional Service

Organizations

2021– Co-Chair, Annual Meeting Program Committee, International Neuroethics Society
2020– Chair, Diversity & Inclusion Task Force, International Neuroethics Society
2016–2019 Member, Student/Postdoctoral Committee, International Neuroethics Society
2016–2018 Executive Assistant, Student Leadership Council, Center for Neurotechnology, University of Washington
2016 Member, Diversity Caucus, American Society for Aesthetics

Events

2021 Moderator & Co-organizer, Panel Discussion: Scientific Oppression, Biological Reductionism, and the Future of Neurotechnology, International Neuroethics Society
2020 Moderator & Co-organizer, Social Justice Listening Session, International Neuroethics Society
2020 Host & Co-organizer, MacArthur-supported Exploratory Workshops on the Social Impacts of Brain-Machine Interfaces (BMIs), University of Washington
2019 Judge, Washington State High School Ethics Bowl, Center for Philosophy for Children, University of Washington
2015 Volunteer Coordinator, Joint Philosophy of Social Science Roundtable & European Network for the Philosophy of the Social Sciences Conference, University of Washington
2012 Volunteer Coordinator, Ben Rabinowitz Symposium on Medical Ethics, Dept. of Philosophy, University of Washington
2014 Judge, 1st Annual Hackathon, Center for Neurotechnology, University of Washington

Departmental Committees

2018-2019 Graduate Program Committee, Dept. of Philosophy, University of Washington
2015–2017 Climate/Diversity Committee, Dept. of Philosophy, University of Washington
2015–2016 Faculty Hiring Committee, Dept. of Philosophy, University of Washington
2011 Philosophy Department Representative for Graduate Student Association, UC Santa Cruz

Peer Review for Academic Journals

* American Journal for Bioethics: Neuroscience
* Science and Engineering Ethics