

L. Syd M Johnson, PhD is a philosopher, neuroethicist, and bioethicist, and an Associate Professor and hospital ethics consultant at the Center for Bioethics and Humanities, at Upstate Medical University. She received her PhD in philosophy from SUNY Albany, in Albany NY, and her enduring interest in brains and neuroethics were sparked by a post-doctoral research fellowship in neuroethics at Novel Tech Ethics, Dalhousie University, in Halifax, Nova Scotia.

Dr. Johnson's research focuses on the ethical implications of developments in neuroscience, particularly those related to acute and chronic brain injuries. She also works in animal ethics, particularly animal research ethics in neuroscience, and animal ethics at the intersection of law and political philosophy. Her forthcoming book *The Ethics of Uncertainty: Entangled Ethical and Epistemic Risks in Disorders of Consciousness* (2021, Oxford University Press) is a philosophical analysis of the ethical, epistemic, and metaphysical uncertainties that attend new discoveries about disorders of consciousness. Her other books include the co-edited volumes *Neuroethics and Nonhuman Animals* (2020, Springer), and *The Routledge Handbook of Neuroethics* (2012, Routledge), and the co-authored book *Chimpanzee Rights: The Philosophers' Brief* (2018, Routledge). Her articles have been published in *AJOB Neuroscience*, *Journal of Medical Ethics*, *Journal of Bioethical Inquiry*, *The Cambridge Quarterly of Healthcare Ethics*, *Canadian Medical Association Journal*, *JAMA*, and more. Dr. Johnson is an associate editor at the journal *Neuroethics*, and is editor at philpapers.org for Neuroethics; Ethics of Brain Imaging; Cognitive Enhancement; The Minimally Conscious State; and Vegetative State and Coma. She served as a member of the Communications Committee of the International Neuroethics Society from 2015-2017, and has been a member of the Neuroethics Working Group of the National Institutes of Health BRAIN Initiative since 2017.

CURRICULUM VITAE

L. SYD M JOHNSON

SUNY Upstate Medical University
Center for Bioethics and Humanities
618 Irving Avenue
Syracuse, New York 13210

315.464.8451
johnsols@upstate.edu
skype: lsydmj

ACADEMIC APPOINTMENTS

- 2019 - pres Associate Professor, Center for Bioethics and Humanities, Upstate Medical University, Syracuse, New York
- 2017 - 2019 Associate Professor of Philosophy & Bioethics, Department of Humanities; Affiliate Associate Professor, Department of Kinesiology & Integrative Physiology, Michigan Technological University, Houghton, Michigan
- 2017 - 2019 Coordinator and Faculty Advisor, Bioethics Minor Program, Department of Humanities, Michigan Technological University
- 2011- 2017 Assistant Professor of Philosophy & Bioethics, Department of Humanities; Affiliate Assistant Professor, Department of Kinesiology & Integrative Physiology, Michigan Technological University
- 2005-2009 Adjunct Lecturer, Philosophy Department, State University of New York at New Paltz, New Paltz, New York
- 2000-2003 Adjunct Professor, Department of Philosophy and Religious Studies, Mount Saint Mary College, Newburgh, New York

EDUCATION

- Post-doctoral Research Fellow in Neuroethics**, Novel Tech Ethics, Faculty of Medicine, Dalhousie University, Halifax, Nova Scotia. 2009-2011.
- Ph.D, Philosophy**. University at Albany, State University of New York, 2009.
- MA, Philosophy**. University at Albany, State University of New York. 2002.
- BA, Film**. Bard College, Annandale-on-Hudson, NY. 1987.

PUBLICATIONS

Peer-reviewed Journal Articles

2021. Ferdowsian, H., Fuentes, A., **Johnson, LSM**, King, B. Pierce, J. Toward an Anti-Maleficent Research Agenda. *Cambridge Quarterly of Healthcare Ethics*. (forthcoming)
2020. **Johnson, LSM**. The Road Not Mapped: The Neuroethics Roadmap on Research with Nonhuman Primates. *AJOB Neuroscience* 2020 11(3): 176-183.
2020. **Johnson, LSM** and K. Cerminara. All Things Considered: Surrogate Decision-making on Behalf of Patients in the MCS. *Clinical Ethics* 2020; 15(3): 111-119.

2020. Ferdowsian, H., **Johnson, LSM.**, Johnson, J., Fenton, A., Shriver, A., and Gluck, J. A Belmont Report for Animals? *Cambridge Quarterly of Healthcare Ethics* 2020; 29(1): 19-37
2019. Ramos, K., Grady, C., Greely, HT., Chiong, W., Eberwine, J., Farahany, N., **Johnson, LSM.**, Hyman, BT., Hyman, SE., Rommelfanger, KS., Serrano, E., Churchill, J., Gordon, J., and Koroshetz, WJ. The NIH BRAIN Initiative: Integrating Neuroethics and Neuroscience. *Neuron* 2019; 101(3): P394-398.
2018. Greely, H., Grady, C., Ramos, K., Chiong, W., Eberwine, J. Farahany, N., **Johnson, LSM.**, Hyman, B., Hyman, S., Rommelfanger, K.S., and Serrano, E., The Neuroethics Working Group. Neuroethics Guiding Principles for the NIH BRAIN Initiative. *The Journal of Neuroscience* 2018; 38(50): 10586-10588
2018. Amadio, J, Bi, G., Boshears. PF, Carter, A., Devor, A., Doya, K., Garden. H., Illes, J., **Johnson, LSM.**, Jorgenson, L., Jun, B-O, Lee, I., Michie, P., Miyakawa, T., Nakazawa, E., Sakura, O., Sarkissian, H., Specker-Sullivan, L., Uh, S., Winickoff, D., Wolpe. PR., Wu, KC., Yasamura, A., Zheng, JC, Rommelfamger, KS, Jeong, SJ, Ema, A., Fukushi, T., Kasai, K., Ramos, KM, Salles, A., Singh, I. Neuroethics Questions to Guide Ethical Research in the International Brain Initiatives. *Neuron* 2018; 100(1): 19-36.
2018. **Johnson, LSM.** and Lazaridis, C. The Sources of Uncertainty in Disorders of Consciousness. *AJOB Neuroscience* 2018; 9(2): 76-82.
2017. **Johnson, LSM.** Death by neurological criteria: Expert definitions and lay misgivings. *QJM: An International Journal of Medicine* 2017; 110(5): 267-270.
2016. **Johnson, LSM.** Inference and inductive risk in disorders of consciousness. *AJOB Neuroscience* 2016; 7(1): 35-43.
2016. **Johnson, LSM.** The case for reasonable accommodation of conscientious objections to declarations of brain death. *Journal of Bioethical Inquiry* 2016; 13(1): 105-115.
2015. **Johnson, LSM.** Sport-related neurotrauma and neuroprotection: Are Return-to-play protocols justified by paternalism? *Neuroethics* 2015; 8(1):15-26.
2013. **Johnson, LSM.** Can they suffer? The ethical priority of quality of life research in disorders of consciousness. *Bioethics Forum* 2013;6(4):129-136
2012. **Johnson, LSM.** Return to play guidelines cannot solve the football-related concussion problem. *Journal of School Health* 2012; 82(4): 180-185
2011. Gilbert, F. & **LSM Johnson.** The impact of American tackle football-related concussion in youth athletes. *American Journal of Bioethics Neuroscience* 2011; 2(4): 48-59
2011. **Johnson, LSM.** Concussion and youth hockey: It's time to break the cycle. *Canadian Medical Association Journal* 2011; 183:921-924
2011. **Johnson, LSM.** The right to die in the minimally conscious state. *Journal of Medical Ethics* 2011; 37:175-178
2010. **Johnson, LSM.** Implications of recent neuroscientific findings in patients with disorders of consciousness. *Neuroethics* 2010; 3:185-196

Invited & Non-peer-reviewed Articles

2021. Lazaridis, C., **Johnson, LSM**. Determination of Brain Death. *JAMA* 2021; 325(5): 492-492
2021. Lazaridis, C., Desai, M., **Johnson, LSM**. Communication And Well-Being Considerations in Disorders of Consciousness (Letters to the Editor). *Neurocritical Care* 2021 <https://doi.org/10.1007/s12028-020-01175-z>
2020. **Johnson, LSM**. Restoring trust and requiring consent in death by neurological criteria. *American Journal of Bioethics* 2020 20(6): 33-35
2019. **Johnson, LSM**. Neuroethics of the Nonhuman. *AJOB Neuroscience* 2019; 10(3): 111-113.
2017. **Johnson, LSM**. Known Unknowns: Diagnosis and Prognosis in Disorders of Consciousness. *AJOB Neuroscience* 2017; 8(3): 145-146
2015. **Johnson, LSM**, Partridge, B. and Gilbert, F. Framing the debate: Concussion and mTBI. *Neuroethics* 2015; 8(1):1-4
2015. Rommelfanger, KS and **Johnson, LSM**. What lies ahead for neuroethics scholarship and education in light of the Human Brain Projects? *AJOB Neuroscience* 2015; 6(1):1-3.
2014. **Johnson, LSM**. A legal fiction with real consequences. *American Journal of Bioethics* 2014; 14(8):34-36
2014. **Johnson, LSM**. A pathway to reducing concussions in youth hockey. *Concussion Litigation Reporter* 2014; 2(9)
2013. **Johnson, LSM**. Stable value sets, psychological well-being, and the disability paradox: ramifications for assessing decision making capacity. *AJOB Neuroscience* 2013; 4(4): 24-25
2011. **Johnson, LSM**. The ethically dubious practice of thwarting the redemption of the condemned. *American Journal of Bioethics* 2011;11(10):9-10
2010. **Johnson, LSM** and Krahn, T. Intimate relationships and dementia: an extended commentary on *Away From Her*. *Journal of Ethics in Mental Health* 2010; 5(1)

Books

2021. **Johnson, LSM**. *The Ethics of Uncertainty: Entanglement of Ethical and Epistemic Risks in Disorders of Consciousness*. Oxford University Press (*in press*)
2020. **Johnson, LSM**, Fenton, A., Shriver, A. (eds). 2020. *Neuroethics and Nonhuman Animals* Switzerland: Springer
2019. Andrews, K., Comstock, G., Crozier, GKD., Donaldson, S., Fenton, A., John, T., **Johnson, LSM**, Jones, RC., Kymlicka, W., Meynell, L., Nobis, N., Peña-Guzman, D., Sebo, J. 2019. *Chimpanzee Rights: The Philosopher's Brief*. New York: Routledge
2018. **Johnson, LSM** and Rommelfanger, KS (eds). 2018. *Routledge Handbook of Neuroethics*. New York: Routledge

Book Chapters

2020. **Johnson, LSM**. Introduction to Animal Neuroethics: What and Why? in **LSM Johnson**, A Fenton, A Shriver (eds). 2020. *Neuroethics and Nonhuman Animals* Switzerland: Springer

2020. **Johnson, LSM.** The Trouble with Animal Models in Brain Research in **LSM Johnson, A Fenton, A Shriver** (eds). 2020. *Neuroethics and Nonhuman Animals* Switzerland: Springer
2019. **Johnson, LSM.** The Transformer: Approaching the Assisted Death of Animals and Humans with Epistemic Humility and Uncertainty. In Brianne Donaldson & Ashley Harrison King (eds). 2019. *Feeling Animal Death: Being Host to Ghosts* London: Rowman & Littlefield International.
2018. **Johnson, LSM.** Chronic Traumatic Encephalopathy: Ethical and legal ramifications of prospective diagnosis. In **LSM Johnson & KS Rommelfanger** (eds). 2018. *Routledge Handbook of Neuroethics* New York: Routledge.
2018. **Johnson, LSM.** Prenatal and Neonatal Neuroethics: The moral significance of painience. In **LSM Johnson & KS Rommelfanger** (eds). 2018. *Routledge Handbook of Neuroethics* New York: Routledge.
2016. **Johnson, LSM.** When hypothetical vulnerability becomes actual: Research participation and the autonomy of pregnant women. In F. Baylis & A. Ballantyne (eds). 2016. *Clinical Research Involving Pregnant Women*. Switzerland: Springer.
2016. **Johnson, LSM.** Moving beyond end-of-life: the ethics of disorders of consciousness in an age of discovery and uncertainty. In M. Monti & W. Sannita (eds). 2016. *Brain function and responsiveness in disorders of consciousness*. Switzerland: Springer.
2016. **Johnson, LSM.** Reproductive Technologies. In C.M. Klugman (ed). 2016. *Philosophy: Medical Ethics*. Macmillan Interdisciplinary Handbooks: Philosophy series. Farmington Hills, MI: Macmillan Reference USA.

Encyclopedia Entries

2014. **Johnson, LSM.** Abortion II: Ethical Perspectives, in B Jennings (ed). 2014. *Bioethics*, Vol. 1. 4th ed. Farmington Hills, MI: Macmillan Reference USA.
2004. **Johnson, LSM.** Abortion: Contemporary Ethical and Legal Aspects: Ethical Perspectives, in SG Post (ed). 2004. *Encyclopedia of Bioethics*, 3e. New York; Macmillan.

Blog Articles

2020. Fenton, A. and **Johnson, LSM.** COVID-19 animal research reveals ethical shortcomings. *Impact Ethics*. (09.25.2020)
2020. **Johnson, LSM.** Prioritizing justice in ventilator allocation. *Journal of Medical Ethics Blog*. (04.15.2020)
2019. **Johnson, LSM.** and Maslen, H. Toward a Less Anthropocentric Neuroethics. *The Neuroethics Blog*. (04.09.2019)
2018. **Johnson, LSM.** Might Chimpanzees Have Legal Rights? *Bioethics Forum*. (05.30.2018)
2018. **Johnson, LSM.** Chimpanzees: Persons or things? *Bioethics Forum*. (03.28.2018)
2018. Fenton, A. and **Johnson, LSM.** Philosophers' Brief on Chimpanzee Personhood. *Impact Ethics*. (03.04.2018)
2016. **Johnson, LSM.** Paternalism, protection, and athlete autonomy. *Philosopher*. (06.17.2016)

2016. **Johnson, LSM.** Reversing brain death: An immodest proposal. *Impact Ethics*. (05.24.2016)
2016. Fenton, Andrew and **Johnson, LSM.** The ethics of non-human primate research. *Impact Ethics*. (04.05.2016)
2015. **Johnson, LSM.** Is football safe for brains? *The Neuroethics Blog* (10.2015). Reprinted at *Neuronline*, the blog of Society for Neuroscience. (02.02.2016)
2015. **Johnson, LSM.** Pigs as spare (human) parts. *Impact Ethics* (10.26.2015)
2014. **Johnson, LSM.** Needed: More honesty about death before donation. *Impact Ethics*. (5.20.2014) Reprinted in *Current Controversies: Medical Ethics* Greenhaven-Cengage 2015
2014. **Johnson, LSM.** A tragic death and a fight for life. *Impact Ethics*
2013. **Johnson, LSM.** Bioethicists as public advocates. *Impact Ethics*
2013. **Johnson, LSM & B. Partridge.** Sports concussions and sandbagging. *Bioethics Forum*.
2013. **Johnson, LSM.** Needed: Objective measures of subjective well-being. *NeuroEthics Women Leaders blog*
2010. **Johnson, LSM.** *Neuroethics & Law Blog*. Guest-blogger, October 2010.
Kids, concussion, and CONTACT: The shortcomings of return-to-play guidelines
Passing the mirror test: Reflections on the significance of animal self-awareness.
Medicating immaturity
Putting money in the pot: does neurological evidence support legalizing marijuana?
2010. **Johnson, LSM.** Withholding care from vegetative patients: the social and financial costs. *Bioethics Forum*
2010. **Johnson, LSM.** Lessons from H1N1. *Bioethics Forum*
2009. **Johnson, LSM.** The Silent Scream: Misdiagnosis in Disorders of Consciousness. *Bioethics Forum*
2009. **Johnson, LSM.** Training a Skeptical Eye on Neuroscience. *The Dana Foundation News*

Book & Film Reviews

2017. **Johnson, LSM.** Concussion: How Bennet Omalu exposed the worst kept secret in football. *Journal of Ethics in Mental Health* 2017;10:1-9
2017. **Johnson, LSM.** *Neuroethics and the Revision of Common Sense* by Nada Gligorov. *Notre Dame Philosophical Reviews* (03.07.2017)
2014. **Johnson, LSM.** *Breeders: A subclass of women?* by Center for Bioethics and Culture Network. *IJFAB (International Journal of Feminist Approaches to Bioethics)* 2014; 7(2): 248-253
2010. **Johnson, LSM.** *Decision-Making, Personhood and Dementia: Exploring the Interface* by D. O'Connor & B. Purves (eds.). *Metapsychology Online* 14(22)
2005. **Johnson, LSM.** *Children: Rights and Childhood* by David Archard. *Metapsychology Online* 9(25)
2003. **Johnson, LSM.** *Intensive Care: A Doctor's Journal* by John F. Murray, *Metapsychology Online* 7(37)
2003. **Johnson, LSM.** *Understanding Cloning* by Scientific American, *Metapsychology Online* 7(6)

2003. **Johnson, LSM.** *Understanding the Genome* by Scientific American. *Metapsychology Online* 7(6)

Journal Special Issues

2015. Co-editor (with B. Partridge and F. Gilbert), *Neuroethics* 2015; 8(1), special issue “Concussion & mTBI: Ethical Issues”

Popular Media & Public Philosophy

2020. Andrews, K., Comstock, G., Crozier, GKD., Fenton, A., **Johnson, LSM**, Jones, RC., Meynell, L., Nobis, N., Peña-Guzman, D., Rocha, J., Rollin, B., Shriver, A. Brief of Amici Curiae Philosophers In Support of Nonhuman Rights Project on Behalf of Happy. Supreme Court of the State of New York Appellate Division: First Department. July 16, 2020.
2018. Andrews, K., Comstock, G., Crozier, GKD., Fenton, A., **Johnson, LSM**, Jones, RC., Meynell, L., Nobis, N., Peña-Guzman, D., Rocha, J., Rollin, B., Shriver, A. Brief of Amici Curiae Philosophers In Support of Nonhuman Rights Project on Behalf of Beulah, Minnie, and Karen. Appellate Court, State of Connecticut. November 13, 2018.
2018. Andrews, K., Comstock, G., Crozier, GKD., Donaldson, S., Fenton, A., John, T., **Johnson, LSM**, Jones, RC., Kymlicka, W., Meynell, L., Nobis, N., Peña-Guzman, D., Rocha, J., Rollin, B., Sebo, J., Shriver, A., Walker, R. Brief of Amici Curiae Philosophers In Support of Petitioner-Appellant. State of New York Court of Appeals. February 23, 2018. Nonhuman Rights Project on behalf of Tommy and Kiko.
2011. **Johnson, LSM.** One small step for the NHL. *Toronto Globe and Mail* 15 June 2011
- 1991 - 2011. As **Syd M.** Film critic/columnist; reporter-at-large, *Woodstock Times & Almanac*, Woodstock, New York.

Published Abstracts

2021. **Johnson, LSM**, Jacobs, B., Marino, L. Big Brains in Artificial Captive Environments in 2020 International Neuroethics Society Annual Meeting Top Abstracts. *AJOB Neuroscience* 2021; DOI: 10.1080/21507740.2021.1917726.
2018. **Johnson, LSM.** Research with Embryo-Like Organisms and Cerebral Organoids: Do the Usual Rules Apply? in Top 25 Abstracts from the 2017 International Neuroethics Society Meeting. *AJOB Neuroscience* 2018 9(1): W1-W20.
2017. **Johnson, LSM.** The Catch-22 of CTE: Ethical, Legal, and Social Implications in Selected Abstracts from the 2016 International Neuroethics Society Meeting. *AJOB Neuroscience* 2017; 8(1): W1-W17.
2016. **Johnson, LSM** and AJ Shriver. What can neuroscience contribute to the problem of neonatal pain? in “Selected Abstracts from the 2015 International Neuroethics Society Annual Meeting.” *AJOB Neuroscience* 2016; 7(2): W11-12.
2011. **Johnson, LSM.** Reconsidering Quality of Life and the right to die in disorders of consciousness. In “Abstracts for the 2010 Neuroethics Society Meeting, San Diego, California.” *AJOB Neuroscience*, 2011; 2(1): 47-69.

Manuscripts and Work Submitted and In Progress

2021. **Johnson, LSM** and Cerminara, K. “Almost cruel”: Considering best interests in withdrawing life-sustaining treatment from a conscious, unbefriended patient. (*under revision*)
2021. **Johnson, LSM**. Shifting the Moral Burden: Expanding Moral Status and Moral Agency. *Health and Human Rights Journal*. (*submitted*)
2021. Anthropocentrism and the Neuroethics of Animal Minds and Brains. In *Neuroethics and Cultural Diversity*, Michele Farisco (ed) (*submitted*)
2021. Adam Feltz; Jacob Caton; Zac Cogley; Mylan Engel; Silke Feltz; Ramona Ilea; **LSM Johnson**; Tom Offer-Westort. Using Food Frequency Questionnaires to Measure Traits: A Case Study of Meat Eating. *Journal of Agricultural and Environmental Ethics* (*submitted*)
2021. Feltz, A., Caton, J., Cogley, Z., Engel, M., Feltz, S., Ilea, R., **Johnson, LSM**. Offer-Westort, T. Validating an Objective Measure of Knowledge of Factory Farming, *Philosophical Psychology* (*submitted*)
2021. Feltz, A., Caton, J., Cogley, Z., Engel, M., Feltz, S., Ilea, R., **Johnson, LSM**, Tuvel, R. Educational Interventions and Animal Consumption: Results from Lab and Field Studies. *Appetite* (*submitted*)

REFEREED CONFERENCE PRESENTATIONS

Papers & Panels

2021. Symposium: “Big brains in small places: The impact of confined, impoverished environments on large, complex brains.” International Society of Anthrozoology, June 22-24, 2021. (*Virtual due to pandemic*)
2020. “Potentially Inappropriate Interventions and ‘Sufficient Cognitive Ability’: Inappropriately Deciding Which Lives are Worth Saving.” Panel session with Laurel Hyle, Christos Lazaridis, and Sarah Risen. American Society for Bioethics + Humanities, October 2020. (*Virtual due to Covid-19 pandemic*).
2020. “What We Owe to Cora: Justice and Flourishing Beyond the Lab.” Panel session with Andrew Fenton, Hope Ferdowsian, and Steven Wise. American Society for Bioethics + Humanities, October 2020. Virtual (*due to Covid-19 pandemic*).
2019. “All Things Considered: Surrogate Decision-making on Behalf of Patients in the MCS.” Panel session with Kathy Cerminara and David Lapidés. American Society for Bioethics + Humanities, Pittsburgh, PA. October 2019
2019. “Race, Remembrance, and Restoration: The Immortal Life of Jahi McMath.” American Society for Bioethics + Humanities, Pittsburgh, PA. October 2019
2018. “Brain Injuries and Uncertain Futures: Does Consciousness Matter?” Panel session with Christos Lazaridis, Laura Specker Sullivan, & Robert Truog. American Society for Bioethics + Humanities, Anaheim, California. October 19, 2018
2017. “Ethics in the Center: When medically ‘settled’ matters and social, cultural, or religious values diverge.” Panel with Harold Braswell, Seema Shah, and Mohamed Rady. American Society for Bioethics + Humanities, Kansas City, Missouri. October 22, 2017

2017. “Belmont for Animals? Considering a framework for protecting nonhuman primates in research.” Workshop with Hope Ferdowsian, Andrew Fenton. American Society for Bioethics + Humanities, Kansas City, Missouri. October 21, 2017
2016. “The Catch-22 of CTE: Ethical, Legal, and Social Implications.” (poster and oral presentation) International Neuroethics Society Meeting, San Diego, California, November 11, 2016
2016. “Inference, Uncertainty, and Inductive Risk.” Dead Wrong? Ethical Implications of Misdiagnoses in Brain Death and the Vegetative State panel session with John Banja, Robert Truog, and Karen Rommelfanger. American Society for Bioethics & Humanities Meeting, Washington DC, October 7, 2016
2015. “The vulnerability of nonhuman animals used in research.” Minding Animals: Ethical implications for research panel session with Andrew Fenton and Adam Shriver. American Society for Bioethics + Humanities Meeting, Houston, Texas, October 22, 2015
2014. “Conscientious objection to brain death: Why reasonable accommodation is reasonable, necessary, and good public policy.” American Society for Bioethics + Humanities Meeting, San Diego, CA, October 2014
2014. “Functional neuroimaging of Disorders of Consciousness: The ethical implications of where we are now, and where we’re going.” Panel session with Martin M. Monti, PhD (UCLA) and Adam Shriver, PhD (Penn). American Society for Bioethics + Humanities Meeting, San Diego, CA, October 2014
2013. “Unnecessary Roughness: Ethical considerations in sport-related neurotrauma, sports participation, and consent.” American Society for Bioethics + Humanities, Atlanta, GA. October 25, 2013
2013. “Why we need to know what it’s like: The ethical priority of quality of life research in disorders of consciousness.” Western Michigan University Medical Humanities Conference, Kalamazoo, MI. September 2013
2012. “Saying what no one else will say: The bioethicist as translator, interpreter, and advocate in the public sphere.” American Society for Bioethics + Humanities, Washington DC October 20, 2012
2011. “The case for innovation in vaccine production.” Canadian Bioethics Society Conference. St. John, New Brunswick. June 2011
2010. “Repeated football-related concussion in pediatric athletes: Assessing the risks and promoting prevention strategies.” (Co-presented with F. Gilbert) International Association for the Philosophy of Sport Conference. Rome, Italy. September 2010
2010. “Reconsidering quality of life and the right to die in disorders of consciousness.” Canadian Bioethics Society 21st Annual Conference. Kelowna, British Columbia. June 2010
2000. “Hume on the Origins of Society and Government: The Siren Song of the Proximal.” Hume Society Conference, Williamsburg, VA July 2000

Posters

2020. “Big Brains in Artificial Captive Environments.” International Neuroethics Society Meeting, October 22-23, 2020. Virtual (due to Covid-19 pandemic).

- 2019. “Neuroethics of the Nonhuman.” International Neuroethics Society Meeting, Chicago, IL. October 17-18, 2019.
- 2017. “Research with Embryo-Like Organisms and Cerebral Organoids: Do the Usual Rules Apply?” International Neuroethics Society Meeting, Washington, DC. November 9-10, 2017.
- 2015. “What can neuroscience contribute to the problem of neonatal pain?” (With Adam Shriver) International Neuroethics Society Meeting, Chicago, Illinois, October 16-17, 2015.
- 2014. “Moral status and the capacity for conscious suffering.” International Neuroethics Society Meeting. Washington, DC. November 14, 2014
- 2013. “Why we need to know what it’s like: The ethical priority of quality of life research in disorders of consciousness.” International Neuroethics Society Meeting. San Diego, CA. November 8, 2013
- 2010. “Reconsidering quality of life and the right to die in the minimally conscious state.” International Neuroethics Society Meeting. San Diego, CA. November 2010
- 2010. “H1N1 and the critical need for alternatives to egg-based vaccines.” Canadian Center for Vaccinology 2nd Annual Symposium. Halifax, Nova Scotia. April 2010

INVITED PRESENTATIONS, MEETINGS, and WORKSHOPS

- 2021. Consciousness and Moral Status. Neuroethics Affinity Group, ASBH. October 2021. (*Virtual, upcoming*)
- 2021. “Big brains in small places: The impact of confined, impoverished environments on large, complex brains.” Kimmela Center for Animal Advocacy. Live webinar with Lori Marino and Bob Jacobs. July 15, 2021.
- 2021. Inductive Risk in Animal Research. Society for the Study of Ethics and Animals Colloquium Series. April 14, 2021. (*virtual*)
- 2021. “Ethical Implications of a Legal/Social Construct of Brain Death.” Making Progress on Death: Towards an Updated Normative Framework Conference, Neubauer Collegium for Culture and Society. University of Chicago, Chicago, IL. March 24-25, 2021. (*virtual due to COVID-19 pandemic*)
- 2021. “Neuroethics, Neuroscience, and Nonhuman Primates.” Neuroethics Network 2021. Neuroscience, Éthique et Société Association, Institut du Cerveau et de la Moëlle Épinière. February 1-4, 2021 and International Bioethics Retreat, 2021 February 8-11, 2021 (*virtual due to COVID-19 pandemic*)
- 2020. “The complexities of covering science on the cutting edge.” Science Writers 2020. Invited panelist. October 15, 2020 (*virtual via Zoom due to COVID-19 pandemic*)
- 2020. Scholar Advocacy in Neuroscience and Psychology. Kimmela Center for Animal Advocacy. Live webinar with Lori Marino, Greg Berns, Becca Franks, and Bob Jacobs. June 3, 2020.
- 2020. Annual BRAIN Initiative Investigator’s Meeting. Neuroethics Session, “neuroethics expert.” June 1, 2020 (*via Zoom due to COVID-19 pandemic*)

2020. “Does Unconsciousness Matter Morally?” Working Papers in Ethics and Moral Psychology. Icahn School of Medicine at Mount Sinai, New York, NY. May 21, 2020. (via Zoom due to COVID-19 pandemic)
2019. Phoenix Zones Initiative Unconference. Invited participant. Santa Fe, NM. November 15-17, 2019
2019. American Society of Bioethics + Humanities. Health & Science Affinity Group, Animal Bioethics Affinity Group, Neuroethics Affinity Group joint session. Discussant, “Frankenstein’s Pig: Reanimating Dead Pig Neural Tissue.” October 25, 2019
2019. International Neuroethics Society Meeting. Panelist, “Disorders of Consciousness: Concepts, Culture and Prognosis.” Chicago, IL. October 17-18, 2019
2019. Global Neuroethics Summit. Panelist, “Nonhuman primates (NeQN3).” Daegu, South Korea. September 24-27, 2019
2019. Annual BRAIN Initiative Investigator’s Meeting. BRAIN Initiative Neuroethics Working Group Representative. Washington, DC. April 11-13, 2019
2018. Global Neuroethics Summit. Delegate, BRAIN Initiative Neuroethics Working Group Representative. Seoul, South Korea. October 11-14, 2018
2018. Galveston Brain Injury Conference. Invited participant, Ethics track. Galveston, Texas. May 3-4, 2018
2018. Annual BRAIN Initiative Investigator’s Meeting. BRAIN Initiative Neuroethics Working Group Representative. Rockville, MD. April 11-13, 2019
2017. Global Neuroethics Summit. Delegate, BRAIN Initiative Neuroethics Division Representative. Daegu, South Korea. October 17-18, 2017
2017. *Unlocking the Cage*, Film screening, panelist/discussant. Visual Arts and Cultural Representations Affinity Group, American Society for Bioethics + Humanities, Kansas City, MO Oct 21, 2017
2017. “Creating transgenic pigs to grow organs: a high tech solution to a low tech problem?” World Congress on Alternatives and Animal Use in the Life Sciences, Seattle, WA. August 21, 2017
2017. Session co-chair (with Andrew Fenton), Ethics of New Technologies Session, World Congress on Alternatives and Animal Use in the Life Sciences, Seattle, WA. August 21, 2017
2017. “Emergent Properties: Ethical Considerations.” Stem Cells, Neural Organoids, and Ex Vivo Human Brain Tissue: Science and Ethics Workshop; Duke Science & Society Program and NIH BRAIN Initiative, Duke University, Durham, NC. May 11, 2017
2017. “Beyond End-of-Life: Disorders of Consciousness and the Ethics of Uncertainty” (plenary talk). Galveston Brain Injury Conference. Galveston, TX. May 4-5, 2017
2017. “Upstream/Downstream: Inference, Uncertainty, and Risk.” Galveston Brain Injury Conference. Galveston, TX. May 4-5, 2017
2016. Animal Research Neuroethics Workshop. Invited participant. Penn Center for Neuroscience and Society, University of Pennsylvania. Philadelphia, PA June 9-10, 2016
2016. *Concussion*. Panelist. Public screening and discussion, Novel Tech Ethics, Dalhousie University. Halifax, Nova Scotia. April 18, 2016

- 2014. “Disorders of Consciousness and the ethics of uncertainty.” Measuring Borderline States of Consciousness Conference. Center for Mind, Brain, and Consciousness/Center for Bioethics. New York University, New York, NY. October 24-25, 2014
- 2014. “Concussion and mTBI: Neuroethical issues.” (lightning talk) Neuroethics Affinity Group Meeting, American Society for Bioethics & Humanities Meeting, San Diego, CA, October 2014
- 2011. “Should youth hockey be safer?” Cafe Scientifique, Novel Tech Ethics, Dalhousie University. Halifax, Nova Scotia, Nov 22, 2011
- 2011. States of Mind: a film series on the ethics of mental health. *Precious* (Jan. 17, 2011); *Helen* (Jan 24, 2011); *Temple Grandin* (Jan 31, 2011); *Lars and the Real Girl* (Feb 7, 2011). Halifax, Nova Scotia.
- 2005. “Choosing for Children: Medical Decision-Making and Children’s Rights.” Dowling College, NY. October 2005

DEPARTMENTAL and UNIVERSITY TALKS

- 2021. Moral Status and the Consciousness Criterion. Department of Philosophy Seminar. Dalhousie University. Halifax, Nova Scotia. August 13, 2021. (*virtual*)
- 2020. “Inference and Inductive Risk in Brain Injury.” Center for Bioethics and Humanities, Upstate Medical University. July 9, 2020.
- 2018. “Chimpanzee Personhood.” Friends of the Michigan Tech Library Annual Lecture. Oct 25, 2018
- 2015. “The Catch-22 of CTE: Ethical and Legal Implications.” KIP Seminar Series. Department of Kinesiology and Integrative Physiology. Michigan Tech. Dec 4, 2015
- 2014. “What is it like to be a zombie?” Undead U: A Zombie Symposium. Michigan Tech. October 30, 2014
- 2014. “Filling the ethical vacuum: Ethics does not suck.” Ethics, Integrity, and Responsible Conduct of Research Workshop. Michigan Tech. May 2014
- 2013. “Killing the undead (and other problems in zombie ethics).” Undead U: A Zombie Symposium. Michigan Tech. November 1, 2013
- 2011. “Mapping a way around the authenticity detour: cognitive enhancement, cognitive mapping, and extended cognition.” Philosophy Colloquium, Philosophy Department. Dalhousie University. April 2011
- 2010. “The perils of progress: Halfway measures and treating disorders of consciousness.” Neuroethics Mini-Symposium, Neuroscience Institute, Dalhousie University. June 2010
- 2001. “The End of Reflection: Korsgaard’s Theory of Reflective Endorsement.” Graduate Philosophy Prize Lecture, University at Albany, State University of New York May 2001

GRANTS

- 2017. Co-PI (with Adam Feltz and Silke Feltz). “Knowing what you eat: The effectiveness of educational interventions on animal consumption.” \$11,385. Animal Charity Evaluators. September 2017 - August 2020.

2010. Project director. “Too Much Information? Public Health Planning and Communication.” \$2,450. Canadian Institutes of Health Research, Cafe Scientifique Partnership Program Grant. April 2011.

HONORS and AWARDS

2019. *AJOB Neuroscience* Top Abstract Award “Neuroethics of the Nonhuman.” International Neuroethics Society Meeting, Chicago, IL. October 17-18, 2019.
2019. Elsevier Outstanding Poster Award “Neuroethics of the Nonhuman.” International Neuroethics Society Meeting, Chicago, IL. October 17-18, 2019.
2017. *AJOB Neuroscience* Top Abstract Award “Research with Embryo-Like Organisms and Cerebral Organoids: Do the Usual Rules Apply?” International Neuroethics Society Meeting, Washington, DC. November 9-10, 2017.
2016. Top 10% University-wide Student Evaluation Scores, Michigan Technological University
2015. *AJOB Neuroscience* Top Abstract Award “What can neuroscience contribute to the problem of neonatal pain?” (co-authored with A. Shriver) International Neuroethics Society Meeting, Chicago, Illinois, October 16-17, 2015.
2001. Philosophy Essay Prize, Department of Philosophy, University at Albany, State University of New York
2000. Hume Society Young Scholar Award, Hume Society Conference, Williamsburg, Virginia
2000. Research/Travel Grant, University at Albany, State University of New York, Graduate Student Organization Grants Program

COURSES TAUGHT

Upstate Medical University

- Healthcare Ethics, Course director; small group preceptor (2020, 2021)
- Patients to Populations, small group preceptor (2019/20; 2020/21; 2021/2022)
- Clinical Bioethics, small group preceptor (2019/20; 2020/21; 2021/2022)

Michigan Technological University

- Biomedical Research Ethics (graduate) (Fall 2012, 2014, 2016, 2018)
- Biomedical Ethics (Spring 2012-2019)
- Philosophy & Death (Spring 2018)
- Sports Medicine & Ethics (Fall 2015; 2017)
- Political Philosophy (Spring 2016; 2017; 2019)
- Ethical Theory/Moral Problems: Zombie Ethics (*online* Summer 2013 - 2019)
- Ethical Theory/Moral Problems (Fall 2011, 2014-2018; *online* Summer 2012)
- Introduction to Philosophy: Philosophy and Film (Fall 2013)

Dalhousie University Medical School, Halifax, Nova Scotia

- Med III, Obstetrics & Gynecology Ethics Seminar (2010-2011)

State University of New York, New Paltz

- Mind and Morals in Movies (Spring 2009)

Introduction to Philosophy: Problems (Spring 2008; Fall 2008)
Philosophy in Film (Spring 2007; Spring 2008)
Introduction to Philosophy: Classics (2005-2009)

Mount Saint Mary College, Newburgh, New York

Medical Ethics (Spring 2002)
Introduction to Philosophy (2001-2003)
Social Philosophy (Fall 2000)

GRADUATE STUDENT SUPERVISION

Doctoral Advising

Chair, Dissertation Committee: Silke Feltz (Rhetoric, Theory & Culture); “Because We Have Chosen a Life of Peace”: A Quantitative and Qualitative Study of Vegan Food Narratives. Michigan Technological University, 2019.
Member, Dissertation Committee: Ann Kitalong-Will (Rhetoric, Theory & Culture); Michigan Technological University
Member, Comprehensive Exam Committee: Valorie Troesch (Rhetoric, Theory & Culture); Michigan Technological University

ACADEMIC SERVICE & PROFESSIONAL ACTIVITIES

Organizational

Observer member, Study Committee on Updating the Uniform Determination of Death Act, Uniform Law Commission (Aug 2020-June 2021)
Panelist, moderator. National Anti-Vivisection Society Primate Research Panel (2020-)
Member, NIH BRAIN Initiative Neuroethics Working Group (formerly Neuroethics Division). (2017-present)
Chair and Founder. American Society for Bioethics & Humanities Animal Bioethics Affinity Group (2016-2020) (Co-chaired with Adam Shriver 2016-2018; with Tyler John 2018-2019)
Member, Communications Committee. International Neuroethics Society. (2015 - 2017)
Co-chair (with Laura Webster). American Society for Bioethics & Humanities Neuroethics Affinity Group (2014- 2016)
Faculty mentor, MAP: Minorities and Philosophy. (2013-2014)

Editorial

Associate Editor, *Neuroethics* (2019 -)
Editor, PhilPapers.org: Biomedical Ethics; Neuroethics; Ethics of Brain Imaging; Cognitive Enhancement; The Minimally Conscious State; Vegetative State and Coma; Biotechnology Ethics. (2010 -)
Ad hoc peer reviewer for: *BMC Medical Ethics*; *Frontiers Neurology*; *Journal of Clinical Ethics*; *Kennedy Institute of Ethics Journal*; *Journal of Medical Ethics*; *Bioethics*; *Neuroethics*; *Developing World Bioethics*; *Accountability in Research*; *AJOB Neuroscience*; *Journal of School Health*; *Journal of Bioethical Inquiry*; *Canadian*

Medical Association Journal; Injury Prevention; European Journal of Sports Medicine; Science Magazine; International Journal of Sport Policy & Politics; People and Nature; Philosophical Psychology; MIT Press; Oxford University Press; Elsevier.

Grants Review

- Specialist Reviewer: Bioethicist. Peer Review, Defense and Veterans Brain Injury Center (DVBIC). May 2019.
- Specialist Reviewer/Panelist: Bioethicist. Peer Reviewed Orthopaedic Research Program, Department of Defense and Congressionally Directed Medical Research Programs. December 2018
- Reviewer/Panelist: Special Emphasis Panel. Research on Improving Pediatric mTBI Outcomes Through Clinician Training, Decision Support, and Discharge Instructions. Centers for Disease Control & Prevention. May 2018.
- Specialist Reviewer/Panelist: Bioethicist. Precision Trauma Care Research Award (PTCRA) Traumatic Brain Injury (TBI) peer review panel, Department of Defense and Congressionally Directed Medical Research Programs. September 2017
- Specialist Reviewer/Panelist: Bioethicist. Complex Traumatic Brain Injury Rehabilitation Research peer review panel for the Department of Defense and Congressionally Directed Medical Research Programs. February 2017
- Specialist Reviewer/Panelist: Bioethicist. Traumatic Brain Injury peer review panel of the FY16 Joint Program Committee-6/Combat Casualty Care Research Program for the Department of Defense and Congressionally Directed Medical Research Programs. October 2016
- Specialist Reviewer/Panelist: Bioethicist. Department of Defense/CDMRP/Medical Research Program. Clinical Trial Award. December 2015
- Specialist Reviewer/Panelist: Bioethicist. Department of Defense/CDMRP/US Army Medical Research and Materiel Command. Clinical Research Initiative - Health Services. August 2015
- Scientific Reviewer/Panelist: Bioethicist. Special Emphasis Panel, Research to Evaluate CDC Heads Up Concussion Initiative in Youth Sports, Centers for Disease Control and Prevention. May 2015
- Specialist Reviewer/Panelist: Bioethicist. U.S. Department of Defense/CDMRP. Psychological Health/Traumatic Brain Injury Research Program: Investigational Treatments for TBI and PTSD Clinical Trial Award. March 2015
- Specialist Reviewer/Panelist: Bioethicist. U.S. Department of Defense/CDMRP. Chronic Effects of Neurotrauma Consortium Awards. February 2013

UNIVERSITY SERVICE

SUNY Upstate Medical University

- Ethics Consult Service (2020 -)
Hospital Ethics Committee (2020-)
Mentor, Pilot Mentoring Program (2021-)
University Hospital Covid Labor Pool Unit Clerk (2021)

Center for Bioethics and Humanities, SUNY Upstate Medical University

Graduate Medical Education Assessment research (2019-2020)

University-wide, Michigan Technological University

Student Conduct Board & Academic Integrity Committee hearing officer (elected, 2013-2015; 2015-2018; 2018-2021)

Title IX hearing officer (2015-2019)

Book Club, Faculty Advisor (2013-2019)

Organizer, *Undead U: A Zombie Symposium*, Michigan Technological University, (November 2013; October 2014)

General Education Council Sub-committee on Values & Civic Engagement (2013)

Humanities Department, Michigan Technological University

Promotion & Tenure Committee (2017-2019)

Diversity Committee (2018-2019)

Technical Communication Search Committee (2019)

Philosophy Committee (2015-2019)

IRB Liaison (2013-2019)

Grievance Committee (2013-2016)

Search Committee, Philosophy (2014-2015)

Digital Media & Technology Committee (2013-2014)

Library Liaison (2012-2013)

MEDIA INTERVIEWS AND COVERAGE

Print Interviews

Medical News Today; Vista Magazine (China); The Atlantic; Christian Science Monitor; Houston Chronicle; Seeker (Discovery Network); Futurism; Wallet Hub; City Pages; Big Think; Centre Ice: The Hockey Magazine; Medill News Service; Chronicle-Herald (Halifax, Nova Scotia); Post Media News; Daily Mining Gazette (Michigan)

Television Interviews

Fox6 UP News; CBC Nova Scotia; CBC National; CTV (Canada); Global National News (Canada)

Radio and Podcast Interviews

HealthLink On Air; Death Space (podcast); Copper Country Today; Jason Gregor Show (Edmonton Sports Radio); Radio-Canada (CBC French); Mike Pintek Show (KDKA Pittsburgh news radio); Rick Howe Show (News 95.7 radio); CBC Halifax Information Morning; Bill McLean sports show (CKDU radio); CBC Saint John Information Morning; CBC Sydney Cape Breton Information Morning; The Roy Green Show; Health, Wealth & Wisdom radio

Media coverage of scholarly work

CNN; Discovery Channel; DalNews; ABC10 News (Michigan); *Daily Mining Gazette* (Michigan)

PROFESSIONAL MEMBERSHIPS

American Society for Bioethics + Humanities

Association of Scientific Studies of Consciousness

Consortium for Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE)

International Association for the Philosophy of Death and Dying

International Neuroethics Society

Minding Animals International

NEW Leaders: Neuroethics Women Leaders