

Sean Alejandro Valles

Lyman Briggs College and Dept. of Philosophy
 Michigan State University
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Associate Professor, Jul. 2016-
Assistant Professor, Aug. 2010-Jun. 2016
 Michigan State University, East Lansing, MI
 Lyman Briggs College (75% FTE)
 Department of Philosophy (25% FTE)

Education

Indiana University - Bloomington, Aug. 2005-May 2010

PhD in History and Philosophy of Science with minors in Genetics and in Philosophy, as well as competencies in French and in Logic.

Master of Arts in History and Philosophy of Science awarded in Feb. 2008.

St. John's College (Annapolis, MD), Aug. 2001-May 2005

Bachelor of Arts in Liberal Arts with concentrations in philosophy and the history of math and science

Book

- Valles, S. A. (2018). *Philosophy of Population Health: Philosophy for a New Public Health Era*. Abingdon, Oxon: Routledge.

Articles and Chapters

- Valles, S. A. (2019). A pluralistic and socially responsible philosophy of epidemiology field should actively engage with social determinants of health and health disparities. *Synthese*.
[doi:https://doi.org/10.1007/s11229-019-02161-5](https://doi.org/10.1007/s11229-019-02161-5)
- **Valles, S. A.**, Piso, Z., O'Rourke, M. (Forthcoming). Coupled Ethical-Epistemic Analysis as a Tool for Environmental Science. *Ethics, Policy & Environment*
- **Valles, S. A.**, Luckie, D. B., Montgomery, G. M., Simmons, E. H., Sweeder, R. D., & Zeleke, A. (2016). Updating the Two Cultures: How structures can promote interdisciplinary cultures. *Change: The Magazine of Higher Learning*, 48 (6), 28-35.
- Valles, S. A. (2016) Race in Medicine. In *The Routledge Companion to*

- Philosophy of Medicine*, edited by M. Solomon, J. R. Simon and H. Kincaid. New York: Routledge.
- Hall, T. E., Engebretson, J., O'Rourke, M., Piso, Z., Whyte, K., & **Valles, S** (2016) The Need for Social Ethics in Interdisciplinary Environmental Science Graduate Programs: Results from a Nation-Wide Survey in the United States. *Science and Engineering Ethics*, 23 (2), 565-588.
 - Valles, S. A. (2016) The Challenges of Choosing and Explaining a Phenomenon in Epidemiological Research on the "Hispanic Paradox". *Theoretical Medicine and Bioethics*. 37 (2), 129-148.
 - Normandin, S. and **Valles, S. A.** (2015) How a Network of Conservationists and Population Control Activists Created the Contemporary US Anti-Immigration Movement. *Endeavour*, 39 (2), 95-105.
 - Valles, S. A. (2015) Bioethics and the Framing of Climate Change's Health Risks. *Bioethics*, 29(5), 334-341.
 - Katikireddi, S. V. and **Valles, S. A.** (2015) Coupled Ethical–Epistemic Analysis of Public Health Research and Practice: Categorizing Variables to Improve Population Health and Equity, *American Journal of Public Health*, 105 (1), e36-e42.
 - **Valles, S. A.**, Bhopal, R. S., Aspinall, P. J. (2015) Census Categories for Mixed Race and Mixed Ethnicity: Impacts on Data Collection and Analysis in the US, UK and NZ. *Public Health*, 129 (3), 266-270.
 - Valles, S. A. (2013) Validity and Utility in Biological Traits. *Biological Theory*, 8(1), 93-102.
 - Valles, S. A. (2012a) Heterogeneity of Risk within Racial Groups, a Challenge for Public Health Programs. *Preventive Medicine*, 55(5), 405-408.
 - Valles, S. A. (2012b) Should Direct to Consumer Personalized Genomic Medicine Remain Unregulated? A Rebuttal of the Defenses. *Perspectives in Biology and Medicine*, 55(2), 250-265.
 - Valles, S. A. (2012c) Evolutionary Medicine at Twenty: Rethinking Adaptationism and Disease. *Biology and Philosophy*, 27(2), 241-261.
 - Valles, S. A. (2012d) Lionel Penrose and the Concept of Normal Variation in Human Intelligence. *Studies in History and Philosophy of Biological and Biomedical Sciences*, 43(1), 231-289.
 - Valles, S. A. (2010) The Mystery of the Mystery of Common Genetic Diseases. *Biology and Philosophy*, 25(2), 183-201.

Other Publications

- O'Rourke, M, Hall, TE, Boll, J, Cosens, B, Dietz, T, Engebretson, J, Goralnik, L,

- Piso, Z, **Valles, SA**, Whyte, K. (2018). A Dialogue-Based Curriculum for Interdisciplinary Environmental Science. <http://eese.msu.edu>
- Valles, SA (2017) Some comments about being a philosopher of color and the reasons I didn't write a (real) paper for this (seemingly) ideal venue for my work. *Kennedy Institute of Ethics Journal* (online supplement).
 - Valles, SA (2015) Judging Culpability in Dwyer's Climate Change "Gaia Commission": A Response to Dwyer. *BioéthiqueOnline*, 4(22), 1-2.
 - Valles SA (2013). Review of Scientific Method in Brief. *History and Philosophy of the Life Sciences*, 35(3): 478-479.
 - Valles SA (2013). Women's Health Through an Evolutionary Lens. *Evolution*, 67(10): 3075-3076.

Grants

- \$8,000, Lyman Briggs College Trajectory Fund, Jan. 2017-Dec. 2017, "Book Manuscript Completion: Philosophy of Population Health Science"
- \$649,279, April 2016-March 2021, NSF Award #1564745, Division of Undergraduate Education, "Scholarship Program for Retaining, Inspiring, and eNabling Graduates (SPRING): Implementation and Assessment of its Impact on Retention and Graduation Rates"
 - PI Ryan Sweeder, co-PI **Sean Valles**, co-PI Mark Largent, co-PI Richard Shipman, co-PI Samantha Cass
- \$20,000, "Michiganders' Views of Vaccines," Michigan Applied Public Policy Research Grant, with \$5,000 Supplement from Lyman Briggs College Faculty Pilot Fund
 - Participating Investigators: Mark Largent, Kevin Elliott, Aaron McCright, Mark Navin, **Sean Valles**
- \$6,830, Jan. 2015 - Sep. 2017, Interdisciplinary Team Building Initiative, Internal MSU Grant, "Testing Communication Tactics for Overcoming Skepticism"
 - PI: **Sean Valles** Co-PIs: Kevin Elliott, Mark Largent and Aaron McCright
- \$10,000, Dec. 2014 - Dec. 2015, Science and Society @ State Collaborative Grant, Internal MSU Grant, "Interdisciplinary-Based Education Research"
 - Awardees: Peter White, Vashti Sawtelle, Rebecca Lahr, **Sean Valles**, Sara Fingal and Heng Wang
- \$196,759, Sep. 2013 - Aug. 2016, NSF Award #1338614, Division of Social and Economic Sciences, Ethics Education in Science and Engineering, "Collaborative Research: Values and Policy in Interdisciplinary Environmental Science: A Dialogue-based Framework for Ethics Education"
 - PI Michael O'Rourke, co-PI **Sean Valles**, co-PI Kyle Whyte, co-PI Thomas Dietz
 - Project is synchronized with parallel award (#1338626) to

University of Idaho, \$103,241

- \$14,000, 2013-2014 MSU Lilly Teaching Fellowship, “Creating a Humanities Component for a Cohort-Based Program of Quantitative and Integrative Reasoning for Freshmen”

Presentations (“ * ” indicates peer-reviewed)

- “Humbly Collaborating to Build a Culture of Health,” Inaugural Mid/South Philosophy of Science Conference, Lexington, KY, March 2019
 - Invited Keynote
- “Responding to racial health disparities and racism in public health research and practice: Women’s empowerment and other life course strategies,” University of Louisville, Louisville, KY, March 2019
 - Invited
- “New ethical questions about health, medicine and genetics in America,” MSU Alumni Association ‘Coffee with the Profs’, East Lansing, November 2018
 - Invited
 - Livestreamed and Archived at: <https://alumni.msu.edu/learn/online/livestream-and-video-content/video-content-details.cfm?id=304>
- Workshop/Panel Participant, Hastings Center, “How Should the Public Learn? Reconstructing Common Purpose and Civic Innovation for a Democracy in Crisis,” Hastings Center, November 2018
 - Invited
- * “Race concepts are a cause of, and solution to, the health effects of racism,” Philosophy of Science Association, Seattle, November 2018
- * “Philosophy and Prevention: The Future is Key,” American Society for Bioethics and Humanities, Los Angeles, October 2018
- “Decentering medicine and healthcare in philosophy of health science,” University of Cincinnati Philosophy of Biology Workshop, October 2018
 - Invited
- “Epistemic Humility as the Foundation for Population Health Science,” Philosophy of Medicine Meets Social Epistemology Conference, Hanover Germany, June 2018
 - Invited Keynote
- “Person-centered health and population health,” Persons and Populations: Historical and Philosophical and Perspectives Conference, Toronto, April 2018
 - Invited
- “Doing Socially Relevant Philosophy of Public Health: Lessons from Population Health Science,” American Philosophical Association—Central Division, Chicago, February 2018
 - Invited Symposium Speaker
- * “Overcoming the public health ‘boundary problem’ for climate health action,” American Public Health Association, Atlanta, Georgia, November 2017

- “Population Health Thinking and Life Course Thinking,” Diversity in Philosophy Conference, Massey University, Albany, New Zealand, August 2017
 - Invited
- * “Linking Individual Health and Population Health with a Life Course Concept of Health,” International Philosophy of Medicine Roundtable, Toronto, Canada, June 2017
- “Navigating Causal Complexity and Tracing ‘Fundamental Causes’ in Philosophy of Epidemiology,” American Philosophical Association—Pacific Division, Seattle, Washington, April 2017
- “Mobilizing ‘Population Health’ Concepts for #NoDAPL and Social Justice,” Wittenberg University Colloquium, Springfield, Ohio, March 2017
 - Invited
- “Ethics and Evidence in the ‘Population Health Framework’ Approach to Racism and Other Social Determinants of Health,” MSU Philosophy Colloquium Series, East Lansing, December 2016
- * “The Narrowing Expert-Layperson Gap in Public Health’s New ‘Population Health Framework,’” Philosophy of Science Association, Atlanta, November 2016
- * “We’re Mismeasuring Diversity in STEM and Biomedicine: It’s Time to Choose More Equitable Race and Ethnicity Variables,” Society for Philosophy of Science in Practice, Glassboro, NJ, June 2016
- “The Ethics of CRISPR Genetics: Plus Ça Change, Plus C’est la Même Chose,” MSU Bioethics for Breakfast Series, East Lansing, February 2016
- “The Ethics of Race in Medicine,” MSU Philosophy Club, East Lansing, November 2015
- “The Challenges of Choosing and Explaining Phenomena in ‘Hispanic Paradox’ Epidemiology,” University of Utah Department of Philosophy, Salt Lake City, September 2015
 - Invited
- * “Values and Epistemic Risks in the Debate Over Race Concepts’ Roles in Medicine,” International Philosophy of Medicine Roundtable, Bristol, England, August 2015
- * “The Risks of Using or Not Using Race Concepts in Medicine,” International Society for the History, Philosophy and Social Studies of Biology Conference, Montréal, July 2015
- * “Epistemic Risks and the Debate Over Race Concepts’ Roles in Medicine,” Values in Medicine, Science, and Technology Conference, Dallas, May 2015
- “Coupled Ethical-Epistemic Analysis of Public Health Research and Practice,” MSU Philosophy Club, East Lansing, April 2015
- “Panel: A Multidisciplinary Conversation on Race and Science,” Race in 21st Century America Conference, East Lansing, April 2015
- “Coupled Ethical-Epistemic Analysis of Blood Bank Policies,” MSU Bioethics Club, East Lansing, March 2015

- * “Delimiting a Phenomenon in Studies of the ‘Hispanic Paradox,’” American Philosophical Association (Eastern), Philadelphia, December 2014
- * “A SRPoiSE Case Study: Obstacles to Defining and Explaining the ‘Hispanic Paradox,’” Philosophy of Science Association, November 2014
- * “Preventing Stereotype Threat in a History, Philosophy and Sociology of Science Course for First-year Science Majors,” Association for Interdisciplinary Studies, October 2014
 - Presenter and organizer of panel on inclusivity in education
- * “A Coupled Ethical-Epistemic Analysis of the US Ban on Blood Donations from ‘Men Who Have Sex with Men,’” Consortium for Socially Relevant Philosophy of/in Science and Engineering, Waterloo, Ontario, Canada, June 2014
- Poster Co-Author (not presenter) with Mingcai Zhang, “Pilot Data on a New Curriculum for an Introductory Science Studies Course and on the INQUIRE First-Year Cohort Program,” Michigan State University Lilly Program Poster Session, East Lansing, MI, April 2014
- “Race is Not Always Useful and Not Always Useless in Biomedical Research,” The Race Debates: From Philosophy to Biomedical Research, San Francisco, CA, April 2014
 - Invited presentation, funded by NSF grant
 - Recorded and available online (beginning at minute 22:24):
https://media.usfca.edu/app/sites/index.aspx?destinationID=22WblQj2nE6nMqDhVZYqXq&contentID=cmQfB_EqLE2v_Wj8fRKkVQ&pageIndex=1&pageSize=10
- “‘What Unites Us / What Divides Us’: Race,” Panel Presentation, Honors College Sharper Focus / Wider Lens Series, Michigan State University, East Lansing, Apr. 2014
 - Invited presentation
- * “The ‘Lumping’ vs. ‘Splitting’ Problem in Studies of the Hispanic Paradox,” International Philosophy of Medicine Roundtable, New York City, November, 2013
- “A Brief Introduction to Medical Ethics,” American Medical Student Association (MSU Chapter), East Lansing, MI, Nov. 2013
- * “Untangling Fitness, Well-Being and Health in a Multidisciplinary Evolutionary Biology Collaborative Project,” Biennial Meeting of the Society for Philosophy of Science in Practice, Toronto, Canada, June, 2013
- “Transatlantic Observation on Mixed Race and Mixed Ethnicity Concepts,” University of Edinburgh Centre for Population Health Sciences, May, 2013
 - Invited presentation
- “Lumping vs. Splitting in the Use of Racial and Ethnic Categories: The Problem of Heterogeneity of Risk,” REACH Community Health Center workshop, Glasgow, Scotland, May 2013
 - Invited presentation
 - Outreach presentation for a mixed government, academic and non-

- profit workers, hosted by non-profit organization
- “When Racial and Ethnic Categories Conceal Heterogeneity of Risk: Ethical and Evidentiary Dimensions,” University of Edinburgh Centre for Population Health Sciences, Edinburgh, UK April, 2013
 - Invited presentation
- * (With Sebastian Normandin) “Population, Immigration Restriction and Reproductive Rights in the Post-Eugenics US,” Midwest Junto for the History of Science, Notre Dame, IN, April 2013
 - 50%-50% distribution of writing and presentation duties
- “A Brief Introduction to Medical Ethics,” MSU Chapter of American Medical Student Association, April 2013
- “Teaching Socially Relevant Philosophy of Science,” Socially Relevant Philosophy of/in Science Workshop, Pennsylvania State University, State College, PA, March 2013
 - Invited presentation
- “Teaching Scientific Reasoning,” MSU Lyman Briggs College seminar for visiting scholars from University of Duhok, Iraq, East Lansing, MI, March 2013
- “Socially Relevant Philosophy of Medicine,” Socially Relevant Philosophy of Science Workshop, MSU, East Lansing, MI, October, 2012
- “Two Types of Mismatch: Fitness and Well-Being,” National Evolutionary Synthesis Center Workshop: Evolutionary Mismatch, Durham, NC, October, 2012
 - Invited participant in interdisciplinary meeting
- * (With Sebastian Normandin) “Population, Paleoconservatism, and Paternalism: Reproductive Rights and Immigration Restriction in the Post-Eugenics U.S.,” Western Michigan University Medical Humanities Conference, Kalamazoo, MI, September 2012
 - 50%-50% distribution of writing and presentation duties
- * “Race as Risk in Public Health Programs,” Science-Policy Interactions and Social Values Conference, Dallas, TX, March, 2012
- * “Narrow Evolutionary Biology and Dubious Clinical Medicine in Evolutionary Medicine,” International Philosophy of Medicine Roundtable, San Sebastián, Spain, November, 2011
- “Keynote Address: Academic Habits and the Danger of Aimless Success,” National Society of Collegiate Scholars Induction Ceremony (MSU Chapter), East Lansing, October, 2011
- * “Navigating the Epistemic Challenges to Personalized Genomic Medicine,” International Society for the History, Philosophy and Social Studies of Biology Conference, Salt Lake City, UT, July 2011
- * “Not All Interdisciplinary Philosophy Helps Justify Philosophy’s Relevance: Lessons from Philosophy of Biology,” New Practices of Philosophy Conference, in Denton, Texas, March 2011.
- “The Strangely Stubborn and Subtly Stigmatizing Search for Health Effects in Genetic Disease Gene Carriers,” Center for Ethics and Humanities in the Life Sciences, Michigan State College of Human

- Medicine, East Lansing, January, 2011
- Invited presentation, publicly broadcast via live and archived webcast
 - “Keynote Address: Habits Make the Student, an Aristotelian Perspective,” National Society of Collegiate Scholars Induction Ceremony (MSU Chapter), East Lansing, October, 2010
 - Outreach presentation for an audience of undergraduate students and their parents.
 - * “Lionel Penrose: Challenging Eugenics by Rethinking Disease,” Society for the History of Medicine and Science, Louisville, KY, March 2010
 - “Redefining Mental Defect: Lionel Penrose’s Defense of Human Variation,” Indiana University “Evolution, Diversity and Change,” Workshop, Bloomington, IN, September 2009
 - “Eugenics Methodology: The Powers and Limitations of Human Population Manipulation”, Midwest Crossroads AGEP/LSAMP Conference, Indianapolis, IN, November, 2006

Visiting Classroom Lectures

- “History, Philosophy and Sociology of Science skills for STEM” LB 290A, December 2016
- “Research Ethics,” LB 492, October 2015
- “Racial and Ethnic Bias in Healthcare,” LB 133, October 2015
- “Legal Responsibility and Genetic Predispositions,” LB 492, January 2015
- “Stereotypes and Behavior,” IAH 207, February 2014
- “Climate Change and Health,” LB 290A, November 2013
- “Teaching Philosophy to Non-Majors,” PHL 801, February 2013
- “Philosophical Issues in Evolutionary Medicine,” LB 492, January 2013
- “Ethical Challenges in Genomic Medicine,” FW 181, September 2012
- “Evolutionary Medicine,” LB 144 Class, East Lansing, December 2011
- “Evolutionary Medicine,” LB 492, East Lansing, February 2011
- “Evolutionary Medicine,” LB 144 Class, East Lansing, December 2010
- “Thinking of Relationships in Research Ethics,” S-STEM Scholar Meeting, East Lansing, November 2010

Recent and Upcoming Courses

- LB133, Introduction to History, Philosophy and Sociology of Science
- LB290A, Directed Study-Multidisciplinary (1-credit seminar co-taught with a biologist and a statistician): “Connecting Statistics, Biology and Philosophy (A BRAID course)”
- LB 334, Science, Technology and Public Policy: “Contemporary Challenges in Biomedicine”
- PHL 344, Ethical Issues in Health Care
- LB 336, Gender, Sexuality, Science and Technology: “History and Philosophy of Sexology”
- PHL 440, Central Issues in Ethics: “Public Health Ethics”

- LB 492, Senior Seminar: “Human Experimentation”
- LB 492, Senior Seminar: “History and Philosophy of Eugenics and Medical Genetics”
- LB 492, Senior Seminar: “Philosophy of Human Biology”
- PHL 880, Seminar in Philosophy of Science: “Philosophy of Human Biology”

External Peer Reviewing

- American Geophysical Union Books, Wiley (as chapter reviewer)
- *American Journal of Public Health*
- *Biology and Philosophy*
- *BioScience*
- *BMC Medical Ethics*
- Cambridge University Press (as book proposal reviewer)
- *Critical Public Health*
- *Endeavour*
- *Erkenntnis*
- *Hypatia*
- International Symposium on Ethics in Engineering, Science, and Technology (as Conference Proceedings Reviewer)
- *Kennedy Institute of Ethics Journal*
- *The Lancet*
- National Science Foundation
- Oxford University Press (as chapter reviewer)
- *Philosophy and Theory in Biology*
- *Sage Open* (as guest editor for an article)
- Springer (as book manuscript reviewer and book proposal reviewer)
- *Studies in History and Philosophy of Biological and Biomedical Sciences*
- *Synthese*
- *Tapuya: Latin American Science, Technology and Society*

Awards and Honors

- Lyman Briggs College Nominee for MSU Alumni Club of Mid-Michigan Quality in Undergraduate Teaching Award, 2018
- MSU Teacher Scholar Award, 2016
- Lyman Brigg College Nominee for MSU Teacher Scholar Award: 2013, 2014, 2015
- Lyman Briggs College Faculty Award, 2014
- Awarded the 2010 Victor E. Thoren Fellowship by the Indiana University History and Philosophy of Science Department.
- Awarded a 2005 National Science Foundation AGEP Fellowship for underrepresented minorities in the sciences

Writing and Multimedia for a General Audience

- “Recognizing Menstrual Supplies as Basic Health Necessities: The Bioethics of #FreePeriods,” for the MSU Bioethics in the News blog series, November, 2018
 - <https://msubioethics.com/2018/11/01/menstrual-supplies-as-basic-health-necessities-bioethics-of-freeperiods/>
- “A Culture of Humility for a Culture of Health,” lecture for TEDxMSU, April, 2018
 - <https://www.youtube.com/watch?v=OHYWhWcTq9I>
- “Politics and the Other Lead Poisoning,” for the MSU Bioethics in the News blog series, November, 2016
 - <https://msubioethics.com/2016/11/17/public-health-ethics-of-gun-violence/>
- “Don’t Call Them ‘Kids,’” for Inside Higher Ed, June, 2014
 - Republished by Slate.com as “Hey Professors, Quit Calling Your Students ‘Kids’: It’s Demeaning and Encourages Childish Behavior,” June, 2014
 - <https://www.insidehighered.com/views/2014/06/17/essay-criticizes-way-professors-call-their-students-kids>
 - http://www.slate.com/articles/life/inside_higher_ed/2014/06/professors_should_stop_calling_college_undergraduate_students_kids_it_s.html
- “Climate Change and Medical Risk,” for the MSU Bioethics in the News blog series, October, 2013
 - <http://msubioethics.com/2013/10/25/climate-change-and-medical-risk/>

Professional Affiliations and Service

- Co-editor (2020-), Blog, Interdisciplinary Association for Population Health Science
- Member (2019-), Membership Committee, Interdisciplinary Association for Population Health Science
- Member (2019-), Committee on Inclusivity and Future of the Women's Caucus Project, Women’s Caucus of the Philosophy of Science Association
- Governing Board (Elected, Jan. 2019-Dec. 2022), Philosophy of Science Association
- Invited project member (November 2018-), Hastings Center, “How Should the Public Learn? Reconstructing Common Purpose and Civic Innovation for a Democracy in Crisis”
- Committee Member (July 2018-June 2021), American Philosophical Association Committee on Public Philosophy
- Special Issue Guest Co-Editor with Jonathan Kaplan (2017-2019), *Synthese*, “Philosophy of Epidemiology”
- Book Reviews Co-Editor (2017-), *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*

- Chair of Communications Committee (2017-), *International Society for History, Philosophy, and Social Studies of Biology*
- Co-Chair (2017-), *Philosophy of Science Association-History of Science Society Joint Caucus for Socially Engaged Philosophers and Historians of Science*
- Committee Member (2017-), Outreach and Engagement Committee, *Philosophy of Science Association*
- Board Member and Co-Founder (2014-), *Consortium for Socially Relevant Philosophy of/in Science and Engineering* (<http://srpoise.org>)
- Awards Committee Member (2016-2017), *American Public Health Association (Ethics Section)*
- Associate Editor (2015-2017), *BMC Medical Ethics*
- Secretary (Elected, 2015-2017), *International Society for History, Philosophy, and Social Studies of Biology*
 - Member ex officio, Executive Committee
 - Member, Communications Committee
 - Member, Nominations Committee
- Member, *Interdisciplinary Association for Population Health Science*
- Member/Collaborator, *Edinburgh Migration, Ethnicity and Health Research Group*
- Member, *American Philosophical Association*
- Member, *Society for Philosophy of Science in Practice*
- Member, *International Philosophy of Medicine Roundtable*
- Member, *Philosophy of Science Association*
- Member, *American Public Health Association*

Other Service to the Profession

- Steering committee of the NSF project, Research Coordination Network Steering Committee: Mapping Authorities and Ontologies in Computational and Digital HPS
- Conference Organizing Committee Member, “Too Much Medicine,” Oxford University, January 2016-April 2017
- Invited Mentor, Joint Caucus for Socially Relevant Philosophy and History of Science Mentoring Lunch, Nov. 2016
- Program Committee Member, 2016 joint 3rd Annual Meeting of The Consortium for Socially Relevant Philosophy of/in Science and Engineering and Annual Values in Medicine, Science, and Technology Conference
- Proposal Reviewer, “International Symposium on Ethics in Engineering, Science, and Technology,” October 2015-January 2016
- Session Commentator, “Marginal Differences & Performance of Knowledge from the Margins,” Knowledge from the Margins: Social Justice and Sustainability, East Lansing, Aug. 2015
- Program Committee Member, “3rd Annual Meeting of SRPoiSE: The Consortium for Socially Relevant Philosophy of/in Science and

- Engineering and the 6th Annual Values in Medicine, Science, and Technology Conference,” May 2015-May 2016
- Session Moderator, “Philosophy in Science/Engineering Fields,” Annual Meeting of Consortium for Socially-Relevant Philosophy of/in Science and Engineering, Detroit, March 2015
 - Organizer of an Interest Group Lunch, “The Relationship between Philosophy of Science and Philosophy of Medicine,” at the meeting of the Philosophy of Science Association, Nov. 2014
 - Co-author of the constitution of the Consortium for Socially Relevant Philosophy of/in Science and Engineering, 2013
 - Session chair, “The Concept of Race: Biological, Cognitive, and Social Perspectives,” Philosophy of Science Association, San Diego, Nov. 2012

Service to Academic Units

- Fall 2018- , Faculty Excellence Advocate (on behalf of MSU Provost’s Office), Lyman Briggs College
- Fall 2017-Spring 2018 “Dean of Lyman Briggs College” search committee chair
- Fall 2017-Spring 2018 “Environmental History” search committee chair
- Fall 2017-Present, Director of Michigan State University Science and Society @ State Internal Grant Program
- Fall 2017 “Center for Interdisciplinarity Managing Director” search committee member
- Summer-Fall 2016, co-leader of curriculum redesign for the MSU Bioethics and Humanities undergraduate minor
- Fall 2015-Spring 2016, Chair, Course Evaluation Revision Committee (Department of Philosophy)
- Fall 2012-Spring 2016; Fall 2017-Present, Placement Co-Director for Philosophy Department
- Fall 2015- Spring 2018, Elected Member, Briggs Advisory Council
- Fall 2015-Spring 2016, “Philosophy of Science,” search committee member
- Fall 2014-Present, Member of MSU Honors College Assessment Working Group
- Fall 2014-2017, Advisory Board Member of Michigan State University Science and Society @ State Internal Grant Program
- Fall 2014-Spring 2016, Steering Committee of the Lyman Briggs College Writing Studio Program
- Fall 2014-Spring 2015, “Philosophy of Neuroscience,” search committee member
- Fall 2014, Member of MSU Truman Scholarship Interview and Selection Committee
- Co-Organizer of 2014 Martin Luther King Day workshop for Lyman Briggs College on diversity and inclusivity at Michigan State University.
- Faculty co-advisor to Lyman Briggs College History, Philosophy and

- Sociology of Science Student Association, Fall 2012-Fall 2018
- Fall 2011- Spring 2016, External Funding Officer for Philosophy Department
- Fall 2011-Spring 2016, Member of Lyman Briggs College Speaker Series Committee
- Fall 2013- Spring 2015, Convener for the HPS Faculty of Lyman Briggs College
- Summer 2014, “Lyman Briggs College Fiscal Officer” search committee member
- Fall 2013-Spring 2014, Chair of Lyman Briggs College Inclusivity Committee
- Fall 2012-Spring 2013, Member, “Environmental Philosophy” search committee member
- Fall 2011-Spring 2013, Member of Lyman Briggs College Educational Policies Committee (Chair from Fall 2011-Spring 2012)
- Fall 2010-Spring 2013, Recorder for the HPS Faculty of Lyman Briggs College
- Represented MSU and Lyman Briggs at Institute for Curriculum and Campus Internationalization Conference, 2012
- Member, Steering Committee of the 2012 Conference on Interdisciplinary Teaching and Learning
- Fall 2011-Spring 2012, member of Lyman Briggs College Academic Program Review writing committee
- Summer 2011, Member of fixed-term HPS faculty search committee
- Faculty Advisor to the Michigan State University chapter of the National Society of Collegiate Scholars, Fall 2010-Spring 2011

Professional Development

- Presenter, “Creating an Ethical Class Policy for Class Absences and Assignment Due Date Extensions,” Lyman Briggs College Retreat, August 2016
- Attendee, " The Accommodating Classroom: Creating Access and Opportunity for Learners," November 2015
- Attendee, “Some Learning Theory for Philosophers,” September 2015
- Participant in 2013-2014 monthly MSU Lilly Teaching Fellowship seminars on pedagogy
- April-May 2013, Visiting Scholar at Centre for Population Health Sciences, College of Medicine and Veterinary Medicine, University of Edinburgh, Scotland
- Completed “Training Tutorial on Human Subject Research Protections,” July 2013
- Represented MSU and Lyman Briggs at Institute for Curriculum and Campus Internationalization conference, May 2012
- Steering committee of the 2012 Conference on Interdisciplinary Teaching and Learning, May 2012

- Participant in “Martin Luther King Dialogue: Not in My Hall,” January 2012
- Member, Faculty Learning Community, “Science Writing: Teaching and Learning,” October 2010-Feb. 2011
- Funded workshop participant in NSF Debating Science Program in Science Ethics (Biotechnology Section), University of Montana – Missoula, August 4-8 2008, followed by an online course, Fall 2008