MATTHEW B SULLIVAN

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Education

University of Michigan, Ann Arbor, MI

Dissertation Title – *Engaging the Public's Fear: Upstream Public Engagement and the Role of Science in Democracy from the Recombinant DNA Controversy to Nanotechnology*

PhD, Sociology (2018)

MA, Sociology (2014)

Comprehensive Exams and areas of specialization: Sociology of Culture and Knowledge, Sociology of Health and Medicine, Sociology of Science, Qualitative Methods.

University of California, Berkeley, CA

BA, Socio-Cultural Anthropology (2005)

Highest Honors with High Distinction in General Scholarship (GPA 3.8)

Honors Thesis Title: *Preimplantation Genetic Diagnosis and the Rise of Market-Based Eugenics*

Sacramento City College, Sacramento, CA

Transferred to UC Berkeley in Fall of 2003

Concentration in Anthropology

Academic Research

My research interests lie at the intersection between political sociology and science and technology studies (STS), with a particular focus on medicine. My dissertation concerns the co-construction of deliberative democracy with the emergence of nanotechnology. Federal funding for nanotechnology research led to a series of experiments in deliberative democracy and the governance of emerging technologies. The results are instructive about the role of science and science policy in democratic society. Past projects include research on reproductive technologies, eugenics, infertility, and fetal personhood. I have two future projects currently planned that deal with other aspects of science policy. Methodologically, I employ interviews, historical research, and computational text analysis in Python.

Relevant Experience

Program Director for Sociology Opportunities in Undergraduate Leadership (SOUL) 2018 - Present

The SOUL program aims to promote success among first-generation college students at the University of Michigan. The course involves: (1) an academic class about the first-gen identity, (2) leadership, professional- and life-skills workshops, and (3) a research assistantship in which we study first-gens and UM. I developed and implemented this program from its inception. Working closely with students, I help them explore the first-gen identity and coach them through their semester and beyond. I also manage students through a year-long research project studying first-gens at U of M.

Primary Instructor, University of Michigan Department of Sociology (see teaching portfolio)

Sociology 474 – Health Inequalities (Winter 2019)

Sociology 105 – Imagining Futures: Medicine, AI, and Social Media (Fall 2018)

Sociology 395 – Sociology Undergraduate Leadership Opportunity (SOUL) (2016-2019)

Sociology 302 – Introduction to Sociology: Health and Society (Winter 2016, Winter 2016, Summer 2017)

Sociology 993 – Introduction to Teaching for New Graduate Student Instructors (Fall 2014, Fall 2015)

Sociology 475 – Medical Sociology: Social Systems of Health and Healthcare (Summer 2014)

Sociology 305 – Introduction to Social Theory (Summer 2013)

Sociology 495 – The Sociology of Science and Technology (Winter 2012)

Sociology 100 – Introduction to Sociology (Summer 2011)

Graduate Student Instructor, University of Michigan Department of Sociology

Sociology 210 – Introduction to Statistics (Winter 2012)

Sociology 100 – Introduction to Sociology (Fall 2011, Winter 2015)

Sociology 103 – Globalization and Markets (Winter 2011)

Sociology 310 – Research Methods (Fall 2010)

Pedagogical Skills and Duties:

- Designing and revising syllabi, activities, lectures, and evaluation criteria;

- Creating an engaging, up-beat atmosphere facilitating student interest;

- Incorporating wide array of appropriate classroom technologies including screencasting, Piazza for blogging, Prezi, Canvas, and LectureTools;

- Translating sociological concepts into accessible examples and metaphors often drawing on familiar contemporary news and culture;

- Fostering safe and constructive space for students from diverse economic and racial backgrounds to flourish;

- Managing student crises in supportive and professional manner;

- Transforming cheating and plagiarizing into teachable moments while maintaining strict professional and academic codes of conduct;

- Collaborating congenially with administrative staff to achieve common goals.

Pedagogical Training and Certificates

University of Michigan Center for Research on Learning and Teaching (UM-CRLT):

2014 - Diversity Training for Inclusive Teaching Certificate – an 18-hour workshop on techniques for understanding and meeting the needs of students from diverse racial, ethnic and class backgrounds.

2014 - Preparing Future Faculty Certificate – a six-week training on all aspects of teaching aimed at graduate students planning to work at primarily teaching-focused institutions.

2012 - University of Michigan Graduate Teaching Certificate – a set of workshops, courses, and teaching requirements that qualify one to teach at the higher-education level.

2012 - (Dis)Ability in the Classroom – a workshop exploring ability and disability identities, with practical tools for accommodating these in the classroom.

2011 - Leading Discussions in the Social Sciences – a general set of strategies for fostering productive discussions about politically and emotionally sensitive topics.

2012 - Teaching with Technology – training workshop in how to use tools such as blogs, screencasting, electronic voting tools, and smartphones.

2011 - Engaging Diversity in the Classroom – strategies for teaching diversity in the classroom and navigating students' diverse identities.

Awards and Achievements

2016 - American Association for the Advancement of Science (AAAS) Best Paper Award for "Fear and Relevance: Public Engagement Under the National Nanotechnology Initiative," at *the Science and Technology Global Conference*

2012 - Outstanding Teaching Award – University of Michigan

2009 - Rackham Merit Fellow

2004 - Phi Beta Kappa – University of California, Berkeley

2002 - SSS Scholar Academy—University of California, Berkeley

2002 - George A. Miller Scholar—University of California, Berkeley

Administrative Service and Professional Affiliations

2017 - Present – University of Michigan First Generation Student Network

2016 - Present – Sociological Opportunities for Undergraduate Leadership (SOUL) Program

2014 – Executive Committee Representative – University of Michigan Sociology Department

2012 – 2013 - Co-Chair, University of Michigan Sociology Department Student Government

2009 – Present – Member, American Sociological Association

2009 – Present Member, Science Technology and Society (STS), University of Michigan

Publications

Sullivan, Matthew B., (*under review*) "Personhood Suspended: Infertility Treatment and the Tentative Pregnancy"

Sullivan, Matthew B. (*under review*) "Engaging the Public's Fear: the Irony of Public Relevance in Efforts to Democratize Science Policy"

Parnami, Sonali, Katherine Lin, Kathryn Fessler, Erica Blom, Matthew B. Sullivan and R. De Vries, 2011 "The Coming Generation in Bioethics." *Cambridge Quarterly of Healthcare Ethics*.

Academic Presentations

2016 – "Engaging the Public's Fear: Upstream Public Engagement in the National Nanotechnology Initiative" for the Social Movements Workshop, University of Michigan.

_____ – "Conceiving Persons: The Moving Target of Viability and Personhood" at 2016 Annual Meeting of the American Sociological Association, New York City

_____ — "Fear and Relevance: Public Engagement Under the National Nanotechnology Initiative," Science and Technology Global Conference 2016, Washington D.C. Sponsored by American Association for the Advancement of Science, the National Sciences Academy, and George Mason University. *Best Paper Award* for section on Science and Public Policy

2015 – "Imagine All the People: Organizing Public Engagement in Science and Technology" 13th Annual Science and Democracy Network Conference, Harvard University, Cambridge MA.

2014 – "Conceiving Personhood: Viability and Personhood in the Practice of IVF" 2014, Reproductive Justice: Activists, Advocates, and Academics, University of Michigan.

_____ — "Cleaning and Categorizing Messy Text Data Using Python" 2014, Advanced Research Computing (ARC) at the University of Michigan

2013 – "Conceiving Personhood: Viability and Personhood in the Practice of IVF" at 2013 Annual Meeting of the American Sociological Association, New York City

2012 – "Women's Work and the Social Construction of Risk," 2012 University of Michigan Department of Genetic Counseling

Academic Community Service

Deliberative Democracy in Science Session: "Learning Health Systems and CancerLinQ," 2016. Deliberation Facilitator, University of Michigan Medical School. Funded by grant from the National Institutes of Health.

Deliberative Democracy in Science Session: "Ethical Issues in Biobanking," 2015, Deliberation Facilitator, Washtenaw Community College. Funded by grant from the National Institutes of Health.

Deliberative Democracy in Science Session: "Genetic Testing and Incidental findings – What Do Patients Think Should Be Communicated?," 2014. Deliberation Facilitator, University of Michigan Medical School. Funded by grant from the National Institutes of Health.

Annual Big Data Bootcamp, 2014. Coding Assistant, Advanced Research Computing, Ross School of Business, University of Michigan.

Student Representative for the University of Michigan Department of Sociology Executive Committee 2011-2012

Michigan First-Gens, "What to Expect in Grad School," 2011, 2012. Discussant, University of Michigan Department of Sociology

Sociology Graduate Students Co-Chair 2010-2011.