

Jenny Dyck Brian

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TEACHING & RESEARCH INTERESTS

Bioethics, Science & Technology Studies, Science Policy, Business Ethics, Social Justice, Emerging Technologies, Governance, Intersectionality

APPOINTMENTS

- 2012-present: **Honors Faculty Fellow; Barrett, The Honors College at Arizona State University**
Faculty affiliate, Center for Biology and Society, School of Life Sciences
Faculty affiliate, School for the Future of Innovation in Society
Faculty, PhD Program in Human and Social Dimensions of Science and Technology
Faculty affiliate, Department of Management, W.P. Carey School of Business
Lincoln Fellow, Lincoln Center for Applied Ethics
- 2014 to present: Director and Head Coach, **Ethics Bowl**, Arizona State University
- 2014 to present: Faculty, **Science Outside the Lab Program**, Consortium for Science, Policy and Outcomes, Washington, DC
- 2015-16: Faculty Director, **Broadening Participation in the Social Sciences of Emerging Technologies Program**, Washington, DC
- 2013: Visiting Adjunct Faculty (Summer term); **Asian University for Women**, Chittagong, Bangladesh
- 2011-12: Assistant Professor of Bioethics; Biological Sciences, Public Health, and Politics, Philosophy and Economics Programs, **Asian University for Women**, Chittagong, Bangladesh
- 2005-2011: Graduate Research and Teaching Assistant, Center for Biology and Society and Consortium for Science, Policy and Outcomes, **Arizona State University**.
- 2004-2005: Research Associate, Program in Biology, Ethics, and the Politics of Human Reproduction, **Wellesley College**
- 2003-2004: Research Assistant, Novel Tech Ethics Research Team, Departments of Bioethics and Philosophy, **Dalhousie University**

EDUCATION

- 2012: PhD, Biology (Biology and Society), **Arizona State University**
Dissertation: "Assessing Corporate Bioethics: A Qualitative Exploration of How Bioethics is Enacted in Biomedical Companies"
- 2003: BA Honors, Philosophy with a Minor in Ethics, **University of Western Ontario**

PUBLICATIONS

Peer-Reviewed Articles

- Brian, J. and R. Cook-Deegan. "What's the Use? Disparate purposes of US federal bioethics commissions." *Hastings Center Report* 2017 (forthcoming).
- Herder, M. and Dyck Brian, J. "Canada's Stem Cell Corporation: Aggregate Concerns and the Question of Public Trust." *Journal of Business Ethics* 2008; 77(1): 73-84.
- Randal, AE. (Published under pseudonym.) "The personal and interpersonal issues of egg donation." *Journal of Obstetrics and Gynaecology Canada* 2004; 26(12): 1087-1090.

Essays and Book reviews

- Grzanka, P., Brian, J. and Shim, J. "My Bioethics Will Be Intersectional or It Will Be [Bleep]." *American Journal of Bioethics* 2016; 16 (4): 27-29.
- Brian, J. (Editor). Special perspectives section: "Responsible research and innovation for synthetic biology." *Journal of Responsible Innovation* 2015; 2 (1): 78-100.
- Brian, J., and Grzanka, P. "The Machine in the Garden of Desire." *American Journal of Bioethics Neuroscience* 2014; 5(1): 17-18.
- Ingram-Waters, M., Brian, J., and Cole, N.L. "Critiquing Culture from the Sidelines: A conversation on football, cultural critique, ethics and collective action." *Culture in Conversation*, February 2014. Available online at <http://cultureinconversation.wordpress.com/2014/02/01/critiquing-culture-from-the-sidelines-a-conversation-on-football-cultural-critique-ethics-and-collective-action/>.
- Brian, J., and Briggie, A. "Bioethics and politics: Rules of engagement." *American Journal of Bioethics* 2009; 9(2): 59-61.
- Brian, J. "Review – Current Controversies in the Biological Sciences." *The Quarterly Review of Biology* 2008; 83(4): 386.
- Brian, J. and Robert, J. "Review – Liberation Biology." *Theoretical Medicine and Biology* 2008; 29(2): 125-128.
- Dyck, J. "The Quest for a Peculiar Happiness." *Ethics and Behavior* 2004; 14(1): 99-101.

Under Review

- Brian, J. "Bioethics and Business." *Journal of Law, Medicine and Ethics*. Submitted Jan 2017.

Works in Progress

- Brian, J. "When Bioethics Should Be More Like Public Relations." *Journal of Business Ethics*; to be submitted February 2017.
- Grzanka, P. and J. Brian. "Intersectionality and STS." *Science, Technology and Human Values*; to be

submitted February 2017.

Brian, J., Grzanka, P., and E. Mann. "Reproducing Inequalities: Long-acting reversible contraceptive (LARC) promotion and policies in the U.S." *Science as Culture*; to be submitted February 2017.

Robert, J. and Brian, J. "When is Innovation Research? And Why Should We Care?" *Cambridge Quarterly of Healthcare Ethics*. (Revise & Resubmit.)

Robert, J., Brian, J., and I. Bennett. "Just Scenarios: Cultivating Anticipatory Assessment of Novel Biotechnologies." *Bulletin of Science, Technology & Society*.

Brian, J., and Daemmrich, A. "The Business of Science: Why STS needs to focus on the private sector."

Benn, T., Brian, J., Cook, E., Darby, K., Mead, C., and Toke, N. "Interdisciplinary Teaching and Learning: A qualitative research study on instructors' and students' perspectives on interdisciplinarity at Arizona State University."

GRANTS, AWARDS, HONORS, FELLOWSHIPS

- 2016: Unfunded: "Increasing Diversity in Science Policy and Science and Technology Studies", \$100,000, **Women & Philanthropy, ASU Foundation**, submitted September 26, 2016.
- 2016: **Sol & Esther Drescher Faculty Development Award**, \$600, Barrett, The Honors College, Arizona State University.
- 2015: Unfunded: "IBSS-L: Technoscience, Health Policy and the Reproduction of Social Inequalities", \$774,438, **National Science Foundation**, submitted December 1, 2015. (PIs: Emily Mann (USC), Patrick Grzanka (UTK), Jenny Brian (ASU).)
- 2015: Unfunded (rated Competitive): "Efficacy of Participatory Technology Assessment Forums for Public and Policy Engagement in Synthetic Biology", \$158,580, **National Science Foundation**. (PI: Mahmud Farooque; I was one of the co-PIs.)
- 2015: Unfunded (rated Competitive): "Research Initiation: Understanding the Influence of Creative, Team-based Activities on Professional Formation (CTA-PF)", \$150,000, **National Science Foundation**, submitted April 2015. (PI: Emma Frow; I was one of the co-PIs.)
- 2015: **Sol & Esther Drescher Faculty Development Award**, \$6000, Barrett, The Honors College, Arizona State University.
- 2014: "Workshop on Research Agendas in the Societal Aspects of Synthetic Biology", \$149,924, **National Science Foundation** (Co-PIs: David Guston and Richard Murray).
- 2014: **Sol & Esther Drescher Faculty Development Award**, \$5000, Barrett, The Honors College, Arizona State University.
- 2013: **Sol & Esther Drescher Faculty Development Award**, \$5000, Barrett, The Honors College, Arizona State University.
- 2010: **Doctoral Dissertation Improvement Grant**, \$11,249, **National Science Foundation** (Co-PI: Jason Robert, PhD).
- 2010: Science and Society Enrichment Grant, \$750, Center for Biology and Society, Arizona State University.
- 2010: Graduate Student Travel Award, \$400, School of Life Sciences, Arizona State University.
- 2009: **P.E.O. Scholar Award**, \$15,000, P.E.O International.

- 2009: **Teaching Assistant of the Year, Honorable Mention**, School of Life Sciences.
- 2009: Preparing Future Faculty Travel Award, \$300, Graduate College, Arizona State University.
- 2009: Science and Society Enrichment Grant, \$600, Center for Biology and Society, Arizona State University.
- 2008-2009: **Fellow, Preparing Future Faculty Program**, Graduate College, Arizona State University.
- 2008: **The Earl A. and Lenore H. Tripke Professional Workshop Travel Award**, \$800, Graduate College, Arizona State University.
- 2008: **Graduate Initiative Fellowship for Training**, \$1000, School of Life Sciences, Arizona State University.
- 2008: Honorable Mention, Graduate Research Fellowship Program, **National Science Foundation**.
- 2006: Student Poster Award, **American Association for the Advancement of Science**: Winner, Social Sciences category, \$900, February.
- 2004: **Trainee Award, Stem Cell Network Training Program**: \$10,000. Project: "The global brain drain? Stem cells, ethics, and mental health research policy in a global context."

CONFERENCE PARTICIPATION

Paper Presentations

- 2016: "Do Funding Sources and Collaborations Imperil Critical Distance in Bioethics?" American Society for Bioethics and Humanities, Washington, DC, Oct 5-9, 2016.
- 2016 With P.R. Grzanka. "Contraceptive Technologies, Public Policy, and the Stratification of Reproductive Health Care." Society for the Social Studies of Science, Barcelona, Spain, Aug 30-Sept 3, 2016.
- 2016: With P.R. Grzanka. "Reproducing Inequalities: Long-acting reversible contraceptive (LARC) promotion and the urgency of feminist postcolonial STS." Society for the Social Studies of Science, Barcelona, Spain, Aug 30-Sept 3, 2016.
- 2015: With P.R. Grzanka. "Intersectionality and Science & Technology Studies." Society for the Social Studies of Science, Denver, CO, Nov 11-14, 2015.
- 2015: Panel organizer and co-chair (with P.R. Grzanka): "Science & Technology Studies at the Intersections of Social Inequalities." Society for the Social Studies of Science, Denver, CO, Nov 11-14.
- 2015: Panel organizer and co-chair (with P.R. Grzanka): "Infrastructures and Inequalities." Society for the Social Studies of Science, Denver, CO, Nov 11-14.
- 2015: Panel organizer and co-chair (with Mark Robinson): "Why STS Cannot Handle Neoliberalism." Society for the Social Studies of Science, Denver, CO, Nov 11-14.

- 2015: With C. Stevenson. "The Biomedicalization of Studying." American Society for Bioethics and Humanities, Houston, TX, Oct 22-25.
- 2015: With E. Glynn. "The Market for Bodies." American Society for Bioethics and Humanities, Houston, TX, Oct 22-25.
- 2015: With P.R. Grzanka. "Intersectionality and Science and Technology Studies." Science, Knowledge, & Technology (SKAT) 25th Anniversary Preconference of the American Sociological Association Annual Meeting, Chicago, IL, Aug 22.
- 2014: "Bioethics as Public Relations." American Society for Bioethics and the Humanities, San Diego, CA, Oct 16-19.
- 2014: "The Neoliberalization of Technoscience." Society for the Social Studies of Science, Buenos Aires, Argentina, Aug 19-23.
- 2014: With P.R. Grzanka. "'Analytic Dispositions' and the Shared Affinities of Science & Technology Studies and Intersectionality." Intersectionality Research, Policy and Practice: Influence, Interrogations and Innovations International Conference, Simon Fraser University, Vancouver, BC, Apr 6-8.
- 2013: "Creating Life in Private: An Analysis of Corporate Sector Activity in Synthetic Biology." Society for the Social Studies of Science, San Diego, CA, Oct 9-12.
- 2012: "Body Parts and Bangladesh." Cartographies of the Body Workshop, University of Madrid, Spain, Oct 22-24.
- 2012: "The Inclusion and Representation of Industry in Bioethics and Bioethics in Industry." American Society for Bioethics and the Humanities, Washington, DC, Oct 18-21.
- 2011: "Exploring the Shifting Ecology of Governance Systems." Society for the Social Studies of Science, Cleveland, OH, Nov 2-6.
- 2010: "Representation and Responsibility in Corporate Bioethics." American Society for Bioethics and the Humanities, San Diego, CA, Oct 21-24.
- 2010: "Bioethics, Inc: Exploring the roles of bioethics in the for-profit private sector." Society for the Social Studies of Science, Tokyo, Japan, Aug 24-28.
- 2006: "Whither Public Trust in Stem Cell Science?" Society for the Social Studies of Science, Vancouver, BC, Canada, Nov 3-5.
- 2004: "The personal, interpersonal, and political issues of egg donation." II International Egg Donation Conference, Valencia, Spain, Feb 6-8.

INVITED PRESENTATIONS

- 2015: "Societal Aspects of Synthetic Biology", with David Guston. New Tools for Policy Seminar, Consortium for Science, Policy and Outcomes, Arizona State University, Washington, DC, April 24.
- 2014: Moderator, "Debate: Should Arizonans Have the Right to Die with Dignity?" Lincoln Center for Applied Ethics, ASU, Sept 30.

- 2014: "The Ethics of Health Disparities." Masters of Public Health Program Colloquia, ASU Downtown Campus, Feb 7.
- 2012: "The Ethical and Policy Implications of Synthetic Biology." Spirit of the Senses Salon, Biodesign Institute, Arizona State University, Dec 7.

TEACHING

ARIZONA STATE UNIVERSITY

Queer Bioethics

Spring 2017

Seminar on myriad challenges persons who are lesbian, gay, bisexual, transgender, queer and intersex (LGBTQI) may face in the medical system, with particular focus on the ways in which factors such as race, class, ability, and age intersect with sexuality to produce unique outcomes and experiences.

Science, Social Justice and Activism (HON 394)

Spring 2015; Spring 2016

Seminar on science and technology studies and intersectionality; interrogates the ways in which social justice is both promoted and hindered by science and medicine.

Malignant: Cancer Politics and Policy (HON 494/HSD 598)

Spring 2014; Fall 2015 (co-taught with Robert Cook-Deegan)

Interdisciplinary seminar on cancer as a social, political, historical and economic construct; introduction to science and technology studies, with focus on social theories of health and illness, design and structure of funding mechanisms, role of patient advocacy, and patents.

Politics and Power: Anarchism (HON 394; course designed by Dr. J. Hunter)

Spring 2014

Seminar on the philosophical and ideological roots of various anarchist schools of thought.

The Human Event, Part Two (HON 273/272)

Spring 2013, 2014, 2015; Fall 2015

Seminar on the development of the natural and social sciences from the Enlightenment to the present. Emphasis on the Scientific Revolution, classical theory (Marx, Durkheim, Weber) and critical social theories from the second half of the 20th century.

The Human Event, Part One (HON 171)

Fall 2012-Fall 2015

Seminar on foundational texts of literature, history, art that inform thinking on the meaning and purpose of human experience from diverse global traditions; antiquity to 1600 CE.

Bioethics (BIO 312/PHI 320)

Spring 2010

Introduction to selected ethical issues associated with health and health care.

Bioethics in Film: Death and Dying (BIO/HPS 394; co-Instructor: Jason Robert)

Spring 2010

Seminar on the social, clinical, legal, ethical, and personal/interpersonal aspects of the illness experience, the process of dying, and the event of death through the medium of film.

ASIAN UNIVERSITY FOR WOMEN

One Health: An Interdisciplinary Approach to Solving Human, Animal and Environmental Health Problems (Upper Level; course designed by Dr. A. Phillott)

Summer 2013

Seminar on the “One Health” framework; focus on the role of society during the emergence, transmission and management of infectious disease.

Gender and Ethics (Introductory/Lower Level)

Summer 2013

Introduction to feminist theory and ethics.

Global Science, Global Politics (Upper Level)

Spring 2012

Science and technology studies seminar that focused on the moral and political dimensions of science in local and global communities through four case studies: sex selection, genetically modified organisms, nuclear energy disasters, and biosecurity.

Introduction to Bioethics (Introductory/Lower Level)

Fall 2011-Spring 2012

Introduction to selected ethical issues associated with health and health care.

MENTORING

UNDERGRADUATE STUDENT THESES

- In progress: Anne Marie Rogers (Director); Nneka Uchendu (Director); Victoria Sullivan (Director); Natalie Chapin (Director); Hailey Cohan (Director); Tristan Chan (Director); Erik Ayala (Director); Andrew Kingsbury (Director); Spencer Pearce (Second reader); Jae Hyeok Yang (Second reader); Tyler Travis (Second reader)
- 2016: Katherine de Moeur (Director); Sidney Stoffer (Director)
- 2015: Emily Glynn (Director); Adam Silverman (Director); Kaylee Buchholz (Director); Amber-Leigh Attanasio (Director); Chloe Holmes (Co-director); Jack Lightholder (Second reader)
- 2014: Christine Stevenson (Director)
- 2013: Natalie Antonios (Second reader)

GRADUATE STUDENT THESES

- Spring 2016: Bianca Zietal (MS, Biology & Society; Second reader)
- Fall 2015: Christine Stevenson (MS, Biology & Society; Co-director)

DEPARTMENTAL/UNIVERSITY SERVICE

- 2016-present: Chair, Personnel Committee, Barrett, The Honors College
- 2015-present: Internal Review Committee, PhD in Human and Social Dimensions of Science and Technology, School for the Future of Innovation in Society
- 2015-present: Program Steering Committee, PhD in Human and Social Dimensions of Science and Technology, School for the Future of Innovation in Society
- 2015-16: Faculty Search Committee, Barrett, The Honors College
- 2015-present: Judge, National Ethics Bowl competition, Costa Mesa, CA.
- 2014- present: Coach and coordinator, ASU Ethics Bowl Team
- 2014-2016: Student Faculty Policy Committee, ASU Senate
- 2014-2016: Barrett Senator, ASU Faculty Senate
- 2014-present: Personnel Committee, Barrett, The Honors College
- 2013-present: Admissions Committee, Barrett, The Honors College
- 2013-2015: Honors Faculty Fellows Colloquium Committee, Barrett, The Honors College

- 2013-2014: Faculty-Alumni Liaison, Barrett Alumni Council
- 2012-present: Student Scholarship Committee, Barrett, The Honors College
- 2012-2013: Emerge 2013 Volunteer Co-coordinator
- 2011-2012: Advisor, AUW Science Club
- 2011-2012: Establishment of research ethics board, Division of Biological Sciences and Public Health, Asian University for Women
- 2009: Workshop Planning and Coordinating, Workshop on Interdisciplinary Pedagogy, IGERT, Arizona State University
- 2006: Workshop Planning and Coordinating, Biotechnology Scenarios Project, Arizona State University, May 5

SERVICE TO PROFESSION

- 2015: Reviewer, Synthetic Biology Internal Review System, The Joint Genome Institute, Department of Energy
- 2015: Reviewer, Synthetic Biology Leadership Excellence Accelerator Program (synbioleap.org)
- 2015: Reviewer, *Journal of Responsible Innovation*
- 2014: Guest editor, Special Perspectives Section: Responsible Research and Innovation in Synthetic Biology, *Journal of Responsible Innovation* 2015; 2(1).
- 2013: Moderator, Workshop: “Technologies of Imagination: Fifty Years after Man and His Future”, Arizona State University, April 5
- 2007-2008: Reviewer, *Science and Public Policy*
- 2005: Conference Organizing Committee, Genetic Screening Study Group: “Race, Genetics and Medicine: New Information, Enduring Questions,” Harvard University, April 9

COMMUNITY SERVICE

- 2008-present: Polling Inspector, Maricopa County Elections
- 2009-2011: Volunteer Health Care Assistant, Planned Parenthood of Arizona
- 2008-2010: Mentor, Florence Crittenton of Arizona, Phoenix, AZ
- 2004-2005: Volunteer, AIDS Action Committee, Boston, MA

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

American Society of Bioethics and Humanities
 Society for the Social Studies of Science
 American Association for the Advancement of Science

REFERENCES

- Jason Scott Robert, Director, Lincoln Center for Applied Ethics; Center for Biology and Society, School of Life Sciences, Arizona State University, Tempe, AZ 85287-3301; (602) 538-0613; jason.robert@asu.edu.
- Laura Popova, Honors Faculty Fellow, Barrett, The Honors College, Arizona State University, Tempe, AZ 85287-1612; laura.popova@asu.edu.
- Jane Maienschein, Regents’ Professor, President’s Professor, and Parents’ Association Professor, Center for Biology and Society, School of Life Sciences, Arizona State University, Tempe, AZ 85287-3301; (480) 965-8927; maienschein@asu.edu.
- Francoise Baylis, Professor and Canada Research Chair in Bioethics and Philosophy, Dalhousie University, Halifax, NS; (902) 494-3801; francoise.baylis@dal.ca.