

## Jennifer R. Fishman

October 13, 2016

### Address:

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## EDUCATION

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| 2003 | Ph.D. Sociology, University of California, San Francisco                     |
| 1996 | M.A. Equivalent, Social Ecology, University of California, Irvine            |
| 1993 | B.A. Integrative Biology/Women's Studies, University of California, Berkeley |

## ACADEMIC APPOINTMENTS

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### McGill University

- Associate Professor, Social Studies of Medicine Department, 2015-present
- Full-time member, Biomedical Ethics Unit, Faculty of Medicine, 2008-present
- Associate Member, Sociology Department
- Associate Member, Institute for Health and Social Policy
- Associate Member, Department of Physiology
- Associate Member, Department of Family Medicine
- Assistant Professor, Social Studies of Medicine Department, 2008-2015

### University of North Carolina, Chapel Hill

- Visiting Professor, Department of Social Medicine, 2015-2016 (on sabbatical)

### Case Western Reserve University

- Assistant Professor, Department of Bioethics, School of Medicine, 2003-2007
- Assistant Director, Center for Genomics Research Ethics and Law, 2006-2007
- Associate Member, Department of Sociology, 2003-2007

## PUBLICATIONS

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### Edited Volumes

- 2013 Mamo, Laura and **Jennifer R. Fishman**. (eds.) (2013) Entanglements in Science, Ethics, and Justice. Science, Technology, and Human Values. 38(2).
- 2010 Clarke, Adele E., Jennifer Ruth Fosket, Laura Mamo, **Jennifer R. Fishman** and Janet K. Shim. (eds). Biomedicalization: Theorizing Technoscientific Transformation in the United States. Durham: Duke University Press.

(Reviewed in *American Journal of Sociology*; *Contemporary Sociology*; *Culture, Health and Sexuality*; *Medical Anthropology Quarterly*; *Medical History*; *Revue Francaise de Sociologie*; *Science as Culture*; *Sociology of Health and Illness*; *Sociological Review*; *Technoscienza*; *Women Studies Quarterly*)

### Peer-Reviewed Publications and Chapters

- Invited McGowan, Michelle L., **Jennifer R. Fishman**, and Eric T. Juengst. "Participant-Driven Genomic Research." *Annual Review of Genomics and Human Genetics*. 18(1).
- Accepted Fishman, Jennifer R. "The Biomedicalization of Female Sexual Desire: Sexuo-Pharmaceuticals in the 21st Century." In Les sciences du désir. La sexualité féminine de la psychanalyse aux neurosciences (translates to The Science of Desire: Female Sexuality from Psychoanalysis to Neuroscience) Edited by Marilène Vuille and Delphine Gardey. Le Bord de l'eau Press. Forthcoming 2017
- Accepted McGowan, Michelle L., Suparna Choudhury, Richard A. Settersten, Jr, Eric T. Juengst, and **Jennifer R. Fishman**. "'Let's pull these technologies out of the ivory tower': The politics, morals, and ironies of participant-driven genomic research." Biosocieties.
- In press **Fishman, Jennifer R.**, Laura Mamo, and Patrick Granzka. "Sex, Sexuality, and Biomedicine." Handbook of Science and Technology Studies. Edited by Laurel Smith-Doerr, Clark Miller, Ulrike Felt, and Rayvon Fouche. The MIT Press.
- In press Karkazis, Katrina and **Jennifer R. Fishman**. "Tracking Professional Athletes: The Ethics of Biometric Technologies." American Journal of Bioethics. 16(1).
- In press \*Karsoho, Hadi, **Jennifer R. Fishman**, David K. Wright, and Mary Ellen Macdonald. "Suffering and Medicalization at the End of Life: The Case of Physician-Assisted Dying in Canada." Social Science and Medicine. (Available online October 12, 2016). <http://dx.doi.org/10.1016/j.socscimed.2016.10.010>
- 2016 Juengst, Eric T., Michelle L. McGowan, **Jennifer R. Fishman** and Richard A. Settersten, Jr. "From 'Personalized' to 'Precision' Medicine: The Ethical and Social Implications of Rhetorical Reform in Genomic Medicine." Hastings Center Report. 46(5): 21-33.
- 2016 Woolley, Patrick, Michelle L. McGowan, Harriet Teare, Victoria Coathrup, **Jennifer R. Fishman**, Richard Settersten Jr., Sigrid Stercyx, Jane Kaye, and Eric T. Juengst. "Participant-Driven Research or Scientific Citizenship? Disentangling the Uses of Public Engagement Rhetoric in National Research Initiatives." BMC Medical Ethics. 17:33.
- 2016 \*Karsoho, Hadi, David R. Wright, Mary Ellen Macdonald, and **Jennifer R. Fishman**. "Constructing Physician-Assisted Dying: The Politics of Evidence from Permissive Jurisdictions in *Carter v. Canada*." Mortality. Published online March 15, 2016: 1-15

- 2015 **Fishman, Jennifer R.**, Michael A. Flatt, and Richard A. Settersten, Jr. "Bioidentical Hormones, Menopausal Women, and the Lure of the 'Natural' in Anti-Aging Medicine." Social Science and Medicine. 132:79-87.
- 2015 **Fishman, Jennifer R.** "Manufacturing Desire: The Commodification of Female Sexual Dysfunction." In The Pharmaceutical Studies Reader. Edited by Sergio Sismondo and Jeremy Greene. Wiley-Blackwell. (Reprint).
- 2015 \*Wright, David R., **Fishman, Jennifer R.**, \*Hadi Karsoho, Sarah Sandham, and Mary Ellen Macdonald. "Physician perspectives concerning requested death: a print-media analysis." CMAJ Open. 3: E134-E139.
- 2014 McGowan, Michelle L., **Jennifer R. Fishman**, Richard A. Settersten, Jr., Marcie A. Lambrix, Eric T. Juengst. "Gatekeepers or Intermediaries? The Role of Clinicians in Commercial Genomic Testing." PLoS ONE 9(9): e108484.
- 2014 Lehoux, Pascale, Pierre Gauthier, Brynn Williams-Jones, Fiona Miller, **Jennifer R. Fishman**, Myriam Hivon and Patrick Vachon. "Examining the Normativity of Health Technology Design through the Public Appraisal of Prospective Scenarios: A Multimedia-Based Deliberative Methods." Implementation Science. 9:81.
- 2014 Choudhury, Suparna, **Jennifer R. Fishman**, Michelle L. McGowan, and Eric T. Juengst. "Big Data, Open Science, and the Brain: Lessons Learned from Genomics." Frontiers in Human Neuroscience. 8:239.
- 2014 **Fishman, Jennifer R.**, and Michelle L. McGowan. "Will Personalized Medicine Transform Our Selves?" in Genetics as Social Practice: Transdisciplinary Views on Science and Culture. Edited by Gabriele Werner-Felmayer, Silke Schicktanz, and Barbara Prainsack, Theory, Technology, and Society Series. Ashgate Press. Pp. 29-42.
- 2014 \*Messerlian, Carmen and **Jennifer R. Fishman**. "Less is More: Improving Outcomes and Cutting Costs to Quebec's Assisted Reproduction Program." CMAJ. 186(6): 405-406.
- 2014 McGowan, Michelle L., Richard A. Settersten, Jr., Eric T. Juengst, and **Jennifer R. Fishman**. "Integrating Genomics into Clinical Oncology: Ethical and Social Challenges from Proponents of Personalized Medicine." Urologic Oncology: Seminars and Original Investigations. 32(2): 187-192.
- 2013 Caulfield, Timothy, Jim Evans, Amy McGuire, Christopher McCabe, Tania Bubela, Robert Cook-Deegan, **Jennifer Fishman**, Stuart Hogarth, Fiona A. Miller, et al. "Reflections on the Cost of 'Low-Cost' Whole Genome Sequencing: Framing the Health Policy Debate." PLoS Biology. 11(11): e1001699.
- 2013 \*Flatt, Michael A., Richard A. Settersten Jr., Roselle Ponsaran, and **Jennifer R. Fishman**. "Are 'Anti-Aging Medicine' and 'Successful Aging' Two Sides of the Same Coin?: Views of Anti-Aging Practitioners" Journal of Gerontology: Social Sciences. 68(6): 944-955.

- 2013 Mamo, Laura and **Jennifer R. Fishman**. "Why Justice? Introduction to the Special Issue on Entanglements in Science, Ethics, and Justice" Science, Technology, and Human Values. 38(2): 159-175.
- 2012 Juengst, Eric T., Richard A. Settersten Jr., **Jennifer R. Fishman**, and Michelle L. McGowan. "After the Revolution? Ethical and Social Challenges in 'Personalized Genomic Medicine'." Personalized Medicine. 9(4): 129-139.
- 2010 **Fishman, Jennifer R.**, Richard A. Settersten, Jr. and Michael A. Flatt. "In the Vanguard of Biomedicine? The Curious Case of Anti-Ageing Medicine." Sociology of Health and Illness. 32(2):197-210.
- 2010 \*McGowan, Michelle L., **Jennifer R. Fishman**, and Marcie A. Lambrix (2010) "Personal Genomics and Individual Identities: Motivations and Moral Imperatives of Early Users." New Genetics and Society. 29(3): 261-290.
- 2010 Clarke, Adele E., Jennifer Ruth Fosket, Laura Mamo, **Jennifer R. Fishman**, and Janet K. Shim. "Charting Biomedicine and Biomedicalization in the United States, 1980-present." Biomedicalization: Theorizing Technoscientific Transformation in the United States. Edited by A. Clarke, J.R. Fosket, L. Mamo, J.R. Fishman, and J.K. Shim. Durham: Duke University Press. Pp. 88-103.
- 2010 **Fishman, Jennifer R.** "The Biomedicalization of Female Sexual Dysfunction" in Biomedicalization: Theorizing Technoscientific Transformation in the United States. Edited by A. Clarke, J.R. Fosket, L. Mamo, J.R. Fishman, and J.K. Shim. Durham: Duke University Press. Pp. 289-306.
- 2010 Binstock, Robert H. and **Jennifer R. Fishman**. "Social Dimensions of Anti-Aging Science and Medicine" in The SAGE Handbook of Social Gerontology. Edited by Chris Phillipson and Dale Dannefer. Chicago: University of Chicago Press. Pp. 472-482.
- 2009 Goddard Katrina, J. Robitaille, N.F. Dowling, A.R. Parrado, **J. Fishman**, L.A. Bradley, C.A. Moore, & M.J. Khoury. "Health-Related Direct-to-Consumer Genetic Tests: A Public Health Assessment and Analysis of Practices Related to Internet-Based Tests for Risk of Thrombosis." Public Health Genomics. 12:92-104.
- 2008 Mamo, Laura and **Jennifer R. Fishman**. "Potency in all the Right Places: Viagra as a Technology of the Gendered Body." in Technology Studies, Volume Four Edited by Rayvon Fouché. Volume in Book Series, Key Issues for the 21<sup>st</sup> Century. London: Sage Publications. (Reprint).
- 2008 **Fishman, Jennifer R.**, Robert H. Binstock and Marcie A. Lambrix. "Anti-Aging Science: The Emergence, Maintenance, and Enhancement of a Discipline" Journal of Aging Studies. 22(4): 295-303.
- 2007 **Fishman, Jennifer R.** "Making Viagra: From Impotence to Erectile Dysfunction" in Medicating Modern America. Edited by Andrea Tone and Elizabeth Siegel Watkins. New York: New York University Press. Pp. 229-252.

- 2007 \*Henry, Michael, **Jennifer R. Fishman**, Stuart J. Youngner (2007) "Propranolol and the Prevention of Posttraumatic Stress Disorder: Is It Wrong to Erase the 'Sting' of Bad Memories?" American Journal of Bioethics. 6(9): 12-20.
- 2006 Binstock, Robert H., **Jennifer R. Fishman**, and Thomas Johnson. "Anti-Aging Medicine and Science: Societal Implications" in the Handbook of Aging and the Social Sciences, 6<sup>th</sup> Edition. Edited by Robert H. Binstock and Linda K. George. San Diego: Academic Press. pp. 437-456.
- 2006 Binstock, Robert H., **Jennifer R. Fishman**, Eric T. Juengst. "Banners and Labels: Anti-Aging Medicine and Science." Rejuvenation Research. 9(4): 433-435.
- 2005 Clarke, Adele E., Laura Mamo, Jennifer Ruth Fosket, Janet K. Shim, and **Jennifer R. Fishman**. "Biomedicalization: Theorizing Technoscientific Transformations of Health, Illness, and U.S. Biomedicine." Pp. 442-455. In Sociology of Health and Illness: Critical Perspectives, 6<sup>th</sup> Edition. Edited by Peter Conrad. New York: St. Martin's Press.
- 2004 **Fishman, Jennifer R.** "Manufacturing Desire: The Commodification of Female Sexual Dysfunction." Social Studies of Science. 34(2): 187-218. *Winner of the 2004 Nicholas Mullins Award from the Society for the Social Studies of Science.*
- 2003 Clarke, Adele E., Laura Mamo, Janet K. Shim, Jennifer R. Fosket, and **Jennifer R. Fishman**. "Biomedicalization: Theorizing Technoscientific Transformations of Health, Illness, and U.S. Biomedicine." American Sociological Review. 68(2): 161-194.
- 2002 **Fishman, Jennifer R.** and Laura Mamo. "What's in a Disorder: A Cultural Analysis of the Medical and Pharmaceutical Constructions of Male and Female Sexual Dysfunction." Women and Therapy. 24(2):179-193.
- 2002 Alperstein, Linda, Carol Ellison, **Jennifer R. Fishman**, Marny Hall, Lisa Handwerker, Heather Hartley, Elly Kaschak, Peggy Kleinplatz, Meika Loe, Laura Mamo, Carol Tavris, and Leonore Tiefer. "A New View of Women's Sexual Problems." Women and Therapy. 24(1-2): 1-8.
- 2002 **Fishman, Jennifer R.** (2002) "Sex, Drugs, and Clinical Research" Molecular Interventions. 2(1):12-16.
- 2001 Mamo, Laura and **Jennifer R. Fishman**. "Potency in All the Right Places: Viagra as a Technology of the Gendered Body." Body & Society. 7(4):13-35. *Winner of the 1999 Hacker-Mullins Student Paper Award from the Science, Knowledge, and Technology Section of the American Sociological Association.*
- 2000 Clarke, Adele E., **Jennifer R. Fishman**, Jennifer R. Fosket, Laura Mamo, Janet K. Shim. "Technoscience and the New Biomedicalization: Western Roots and Global Rhizomes." Sciences Sociales et Sante (in French).18(2):11-42.
- 2000 Press, Nancy, **Jennifer R. Fishman**, and Barbara A. Koenig. "Collective Fear, Individualized Risk: The Social and Cultural Context of Genetic Testing for Breast Cancer." Nursing Ethics. 7(3): 237-249.

- 2000 **Fishman, Jennifer.** "Assessing Breast Cancer: Risk, Science, and Environmental Activism in an 'At Risk' Community." Pp. 181-204. In Ideologies of Breast Cancer: Feminist Perspectives, edited by Laura Potts. London: Macmillan Press and New York: St. Martin's Press. *Winner of the 1999 Graduate Student Paper Award by the Environment and Technology Section of the Society for the Study of Social Problems.*
- 1999 Fosket, Jennifer Ruth and **Jennifer Fishman.** "Constructing the Millennium Bug: Risk, Trust and Uncertainty." CTHEORY: Theory, Technology, and Culture. 22(3).
- 1999 **Fishman, Jennifer R.,** Janis E. Wick, and Barbara A. Koenig (1999) "The Use of 'Sex' and 'Gender' to Define and Characterize Meaningful Differences Between Men and Women." Pp. 2-20 in An Agenda for Research on Women's Health for the 21<sup>st</sup> Century, Volume 2. Office of Research on Women's Health, Bethesda, Maryland. National Institutes of Health.
- 1997 Waitzkin, Howard and **Jennifer Fishman.** "Inside the System: The Patient-Physician Relationship in the Era of Managed Care." Pp. 136-162 in Competitive Managed Care: The Emerging Health Care System, edited by John D. Wilkerson, Kelly J. Devers, and Ruth S. Given. San Francisco: Jossey-Bass, Inc.

#### **Editorials, Commentaries, and Reviews**

- 2014 Juengst, Eric T., **Jennifer R. Fishman,** Michelle L. McGowan, and Richard A. Settersten, Jr. "Serving Epigenetics Before Its Time." Trends in Genetics. 30(10): 427-428.
- 2010 Settersten Jr., Richard, **Jennifer R. Fishman,** Marcie A. Lambrix, Michael A. Flatt, and Robert H. Binstock. "The Salience of Language in Probing Public Attitudes about Life Extension." American Journal of Bioethics. 9(12), 81-82.
- 2008 **Fishman, Jennifer R.** "A Matter of Trust." Book Review of Hooked: Ethics, the Medical Profession, and the Pharmaceutical Industry. Health Affairs. 27(5): 1478-1479.
- 2008 \*McGowan, Michelle L. and **Jennifer R. Fishman.** "Using Lessons Learned from BRCA Testing and Marketing: What Lies Ahead for Whole Genome Scanning Services." American Journal of Bioethics. 8(6): 18-20.
- 2007 **Fishman, Jennifer R.,** Michael Henry, and Stuart J. Youngner. "Responses to Peer Commentaries on Propranolol and the Prevention of Posttraumatic Stress Disorder: Is it Wrong to Erase the 'Sting' of Bad Memories?" American Journal of Bioethics 6(9): W1.
- 2004 Whitehouse, Peter and **Jennifer R. Fishman.** "Justice and the House of Medicine." American Journal of Bioethics. 4(2): 43-45.
- 2001 Meleis, Afaf and **Jennifer Fishman.** "Rethinking the Work in Health: Gendered and Cultural Expectations." Editorial for Health Care for Women International. 22(3):195-197.

\*Students

## HONORS AND AWARDS

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- 2004 Roberta G. Simmons Best Dissertation Award, Medical Sociology Section, American Sociological Association
- 2004 Nicholas Mullins Paper Award, Society for the Social Studies of Science.
- 1999 Hacker-Mullins Graduate Student Paper Award, Science, Knowledge, and Technology Section, American Sociological Association.

## RESEARCH SUPPORT

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### Personal Support Awards, 2003- present

- 2007 Junior Faculty Career Development Award, Women Faculty of the School of Medicine, Case Western Reserve University
- 2004 Finalist, The Greenwall Foundation Faculty Scholars Award
- 2003 Finalist, The Greenwall Foundation Fellowship in Bioethics and Humanities (declined)

### Research Grants Received, 2003-present

#### *Principal or Co-Principal Investigator*

- 2016-2018 Co-Principal Investigator. "In search of a nursing standpoint: Investigating nurses' values regarding assisted death." Ethics Catalyst Grant. Canadian Institutes for Health Research. (Total Budget: \$100,000).
- 2013-2016 Co-Principal Investigator. R01 Administrative Supplement. "Anticipating Personalized Genomic Medicine: Impacts and Implications" Office of Research on Women's Health. National Institutes of Health. R01 HG005277A (Total Budget: \$99,996 USD).
- 2011-2014 Co-Principal Investigator. Operating Grant. Canadian Institute of Health Research. "The Ethics of End-of-Life Care: Understanding the Moral Landscape of Medicalized Dying in Canada." (Total Budget: \$203,360).
- 2010-2011 Co-Principal Investigator. National Science Foundation. "Science, Ethics, and Justice: Reconsiderations and New Directions" Workshop Grant. #1054024. (Total Budget: \$42,304 USD).
- 2010-2014 Co-Principal Investigator. National Institutes of Health. "Anticipating Personal Genomic Medicine: Impact and Implications." 30% Effort. R01 HG005277. (Total Budget \$2,166,184 USD)

#### *Co-Investigator*

- 2016-2020 Co-Investigator, "Blockbuster Diagnostics? The political economy of diagnostic innovation in comparative perspective" Project Scheme Award. Canadian Institute for Health Research (PIs: F. Miller and S. Hogarth).
- 2016-2021 Co-Investigator, "Generational and sex-specific effects of paternal environmental exposures on offspring development and health." DOHaD Team Grant. Canadian Institute for Health Research. (PI: S. Kimmins, Total Budget: \$1,500,000)

- 2015-2020 Co-Investigator. Canadian Institutes of Health Research. "Obesity and Nutritional Programming of the Paternal Sperm Epigenome: Effects on Offspring Development and Health." (PI: S. Kimmins, Total Budget: \$1,400,000)
- 2015-2019 Co-Investigator. Canadian Institutes of Health Research. "Father's Lasting Influence: Molecular Foundations of Intergenerational Transmission of the Paternal Environment." (PI: J. Bailey, Total Budget: \$1,200,000)
- 2012-2015 Co-Investigator. Canadian Institute of Health Research. "Examining the Normativity of Health Innovation Design Through the Public Appraisal of Prospective Sociotechnical Scenarios." (PI: P. Lahoux, Total Budget: \$710,275)
- 2006-2010 Co-Investigator. National Institutes of Health. "Controlling Human Aging: Alternative Rationales and Implications." RO1AG020916. (PI: E. Juengst, Total Budget: \$1,253,000)
- 2006-2008 Co-Investigator. National Institutes of Health. "Protecting Human Subjects in Genetic Enhancement Research." R01HG003879 (PI: M. Mehlman, Total Budget: \$761,000)
- 2004-2008 Co-Investigator. National Institutes of Health "Center for Genetic Research Ethics and Law." P50HG03390 (PI: E. Juengst, Total Budget: \$5,200,000 USD)

### **Research Advisory Board Membership**

- 2015- External Advisory Board Member, GeneScreen Project, University of North Carolina
- 2014- GE3LS, Health Services, and Policy Research Advisory Board Member. Institute of Genetics, Canadian Institute for Health Research.

### **INVITED PRESENTATIONS AND PUBLIC LECTURES**

- 2016 Invited Speaker. "The Rhetoric of Personalized and Precision Medicine in the U.S. Context: A Critical Perspective." *Citizen's health through public-private initiatives: Public health, market and ethical perspectives (CHIPME)*. Leuven, Belgium. September 6, 2016.
- 2016 Keynote Speaker. "The Biomedicalization of Female Sexual Desire: Sexuo-Pharmaceuticals in the 21st Century." *The Science of Desire: Medical knowledge and practices of "female sexuality" from the XIX century to the present*. University of Geneva, Switzerland. June 15, 2016.
- 2016 "ELSI and the PMI: Some Horizontal Issues for the White House Precision Medicine Initiative" (with Eric Juengst). Center for Genomics and Society Seminar Series. University of North Carolina, Chapel Hill. February 11, 2016.
- 2016 "The Expansion of Fragile X Carrier Screening" Bioethics at UNC Series, University of North Carolina, Chapel Hill. February 1, 2016.



- 2016 “Let’s pull these technologies out of the ivory tower’: The politics, morals, and ironies of participant-driven genomic research.” Research Ethics Grand Rounds. University of North Carolina, Charlotte. January 21, 2016.
- 2015 “Let’s pull these technologies out of the ivory tower’: The politics, morals, and ironies of participant-driven genomic research.” Research Ethics Grand Rounds. University of North Carolina, Chapel Hill. September 17, 2015.
- 2015 “Evening the Score? How the ‘pink pill’ got approved.” Thematic Session: *Medicalization of Sexuality*. Annual Meeting of the American Sociological Association. Chicago, Illinois. USA. August 22, 2015.
- 2015 “Bioidentical Hormones and Menopausal Women: The Lure of the "Natural" in Anti-Aging Medicine.” Montreal Neuroethics Network. Montreal, Quebec. May 5, 2015.
- 2014 “Ethical Considerations in the Translation of High-Expectation Technologies.” *Driving Regenerative Medicine to the Market and Clinic*. Toronto, Ontario. November 7, 2014.
- 2014 “Contemporary American Medicine and Its Discontents: A Comparison of the Anti-Aging and Personalized Medicine Movements” (with Richard Settersten, Eric Juengst, and Michelle McGowan). Hiram College. Hiram, Ohio. September 11, 2014.
- 2013 Invited Panelist. *International Symposium on the Biopolitics of Ageing*. Center for Healthy Ageing. University of Copenhagen. Copenhagen, Denmark. December 4-5, 2013.
- 2013 “Whole Genome Sequencing and the Role of ‘Patient Empowerment.’” *Exploring the Unique Social/Ethical and Health Systems Challenges of Low Cost Whole Genome Sequencing*. Canadian Institutes for Health Research. Montreal, Quebec. April 19-20, 2013.
- 2012 Invited Public Lecture. “Going Online: Users’ Perspectives on the Digitization of Genomic Health Information.” Science and Technology Studies Seminar. Maastricht University. Maastricht, The Netherlands. September 12, 2012
- 2012 Invited Public Lecture. *Biopolitics and Bioethics in the 21<sup>st</sup> Century*. Kookmin University. Funded by the Korea Research Foundation. Seoul, South Korea. August 20, 2012.
- 2012 Plenary Speaker. “Ethical Issues with Big Data Research and Digital Experiments.” Statistical Challenges in Electronic Commerce Research Symposium. Montreal, Quebec. June 28, 2012.
- 2012 “Anticipating Personalized Genomic Medicine: Ethical Impact and Implications.” Integrative Systems Biology Seminar. Children's National Medical Center. Washington, DC. USA. February 7, 2012.

- 2011 “Where Boutique Medicine Meets Risk Assessment: Personalized Medicine in the Clinic and On the Web.” *Genetics as Culture in a Consumerist Age*. Innsbruck, Austria. October 25-27, 2011.
- 2011 Invited Public Lecture. “Epistemologies of Desire: Beyond Single-Discipline Approaches.” Inaugural Event for The Sexualities Project at Northwestern University. Evanston, Illinois. USA. April 28, 2011.
- 2010 Invited Participant. Gordon Cain Conference (with Michelle McGowan). Chemical Heritage Foundation. Philadelphia, Pennsylvania. USA. May 6-7, 2010.
- 2009 “Anti-Aging Science and Medicine.” *The Perfect Body: Between Normativity and Consumerism*. European Science Foundation Workshop. Linkoping, Sweden. October 10, 2009.
- 2009 “Motivations and Moral Imperatives of Early Adopters of Personal Genome Services” (with Michelle McGowan and Marcie Lambrix). *The Age of Personalized Medicine*. Genome Canada. Banff, Alberta. September 17, 2009.
- 2009 Invited Public Lecture. *Medicalization: A Medical Humanities Seminar*. Harvard Humanities Center and the A. Bernard Ackerman Endowment for the Culture of Medicine. Harvard University. Cambridge, MA. USA. April 22, 2009
- 2008 Invited Participant. International GE<sup>3</sup>LS Symposium 2008. *Navigating the Changing Landscape*. Calgary, Alberta. April 29, 2008.
- 2007 Invited Panelist. Symposium on Anti-Aging Medicine. 36<sup>th</sup> Annual Meeting of the British Society of Gerontology. (with Robert Binstock). Sheffield, England. United Kingdom. September 6, 2007.
- 2005 “Fetishizing Pharmaceuticals.” *Globalization and Psychopharmacology: Interrogating the Historical Moment of Discourse on Chemistry, Magic, and Science*. Invited Executive Session. Annual Meeting of the American Anthropological Association. (with Nicholas King). Washington, DC. USA. December 1, 2005.
- 2003 “Manufacturing Desire: Viagra and the Remaking of Sexual Dysfunction.” Science and Technology Studies Program. University of British Columbia. Vancouver, British Columbia. March 2003.

#### **CONFERENCE PRESENTATIONS/PEER-REVIEWED ABSTRACTS, 2011-2016**

- 2016 “Gendered Implications of Increasing Clinical Integration of Preconception Risk Assessment.” (With Michelle McGowan). National Women’s Studies Association Meetings. Montreal, Quebec. November 13, 2016.
- 2016 “Wrestling for discursive control: Palliative Sedation under cross-examination The Evolving Ethical Issues in Physician-Assisted Death in North America” (with David Wright, Hadi Karsoho, and Mary Ellen Macdonald.) Meetings of the American Society for Bioethics and Humanities. Washington DC. October 9, 2016.

- 2016 Panelist. "Feminist Analyses of Biopower in North American Fertility Medicine, Policy, and Practices." Meetings of the American Society for Bioethics and Humanities. Washington DC October 6, 2016.
- 2016 "Mobilizing Suffering: Physician-Assisted Dying and the Demedicalization of End-of-Life Care" (with Hadi Karsoho, David K. Wright, and Mary Ellen Macdonald.) Fifth Biennial Bilingual Conference of the Canadian Society for Sociology of Health, Ottawa, Canada. May 5, 2016.
- 2015 "Physician-Assisted Dying on Trial: Contesting the Ontology of a Medical Practice." (with Hadi Karsoho, David Wright, and Mary Ellen Macdonald.) Congress for the Federation of the Humanities and Social Sciences. Ottawa, Ontario. June 2, 2015.
- 2014 Panelist. *Mutations in Personalized Genomics: Interdisciplinary Perspectives*. Meetings for the American Society for Bioethics and Humanities. San Diego, California. October 2014.
- 2014 "Physicians, Euthanasia, and the Print Media: A Discourse Analysis" (with David Wright, Hadi Karsoho, Sarah Sandham, and Mary Ellen Macdonald). 20<sup>th</sup> International Congress on Palliative Care. Montreal, Quebec. September 2014.
- 2014 "'Hormones Are Where It's at': Bioidentical Hormones, Menopausal Women, and Anti-Aging Medicine." (with Michael Flatt). *Science, Technology, and Medicine: Dimensions of Gender, Sex, and Sexualities*. Annual Meeting of the American Sociological Association. San Francisco, California. August 18, 2014.
- 2013 "Mapping the Moral Landscape of End-of-Life Care in Canada: A Discourse Analysis" (with Mary Ellen Macdonald, David Wright, and Hadi Karsoho). Canadian Cancer Research Conference. Toronto, Ontario. November 2013.
- 2013 "Expanded Carrier Testing, Prospective Parents and Genetic Accountability." (with Michelle McGowan) for Open Panel on STS Perspectives on Parenting. Annual Meeting of the Society for the Social Studies of Science. San Diego, California. October 2013.
- 2012 "Anticipating Promises of Personalized Genomics in Research and Clinical Care." (with Michelle McGowan) Annual Meeting of the Society for the Social Studies of Science. Copenhagen, Denmark. October 2012.
- 2011 "Prescribing Risk Assessments: Physicians and the Promise of Personalized Medicine." (with Michelle McGowan and Marcie Lambrix.) Annual Meeting of the Society for the Social Studies of Science. Cleveland, Ohio. November 2011.
- 2011 "Is Personal Genomic Information Beginning to Transform Clinical Practice?" (with Michelle McGowan, and Eric Juengst). Annual Meeting of the American Society of Bioethics and Humanities. Minneapolis, Minnesota. November 2011.
- 2011 "Marketing the Promise of Personalized Genomic Medicine in the Clinic" (with Michelle McGowan and Marcie Lambrix.) ELSI Congress. Chapel Hill, NC. April 2011.

## TEACHING

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**McGill University**

Sex and Gender	Graduate seminar in Sociology (2015)- 16 students
Sex, Gender, Sexuality in Science	Graduate seminar in Sociology (2014) (Special Seminar)- 6 students
Medical Ethics	Lectures for third year medical students (2011, 2012, 2015)
Medicine & Society	Required course for fourth year medical students (2008, 2009, 2011, 2012, 2013, 2014, 2015)- 14 students
Physicianship I	Lectures and small groups for first year medical students (2008, 2009, 2010, 2011, 2012)
Neuroethics/Bioethics	Required undergraduate lecture course for neuroscience majors (2014, 2015, 2016)- 75 students
Gender and Health	Undergraduate lecture course in Sociology (2009, 2011, 2012)- 115 students

**Case Western Reserve University**

Medicine & the Market	Graduate seminar for Master's students (2004, 2006, 2007)
Research Design & Methods	Graduate course for PhD students (2004-2005)
International Women's Health	Undergraduate Spring break course in the Netherlands (2006)
Commercialization in Science	Lectures for research trainees in science (2004, 2005, 2006)
Research Ethics	Lectures for Clinical Research Scholars Fellows (2006)
Foundations in Bioethics	Team taught course for Master's students in Bioethics (2003, 2004, 2005, 2006)

**San Francisco State University**

Sociological Research: Methods and Techniques	Undergraduate course in Sociology (2000, 2002)
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**California State University, Hayward**

Marriage, Sex, and the Family	Undergraduate course in Sociology (2000)
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**PROFESSIONAL SERVICE**

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**Journals**

**Editorship**

*Sociology Compass* (2015-present) Section Editor, Science and Medicine  
*Culture, Medicine, and Psychiatry* (2008-present), Editorial Board Member  
*Frontiers in ELSI in Science and Genetics* (2013-present), Associate Editor

**Ad-Hoc Reviewer, 2011-2016**

*American Ethnologist*

*American Journal of Bioethics*

*Biosocieties*

*Genetics in Medicine*

*Journal of Gerontology: Social Sciences*

*Journal of Health and Social Behavior*

*Journal of Medical Ethics*

*New Genetics and Society*

*PLoS ONE*

*Qualitative Sociology*

*Social Science and Medicine*

*Science, Technology, and Human Values*

*Social Studies of Science*

*Society and Natural Resources*

*Sociology of Health and Illness*

*Technoscienza*

**Grant Reviews****Appointed Panel Member of Peer Review Committees**

2016-2017 CIHR, Health Research Trainees Fellowship

2014 CIHR, Ethics Catalyst Grants (2 cycles)

2011- 2014 CIHR, Humanities, Law, Ethics and Society in Health Grants (5 grant cycles)

**Ad-Hoc Grant Reviewer**

City University of New York (1)

ETH Zurich Research Commission (1)

Israeli Science Foundation (1)

Michael Smith Foundation for Health Research (1)

National Science Foundation, Program on Science and Society (7)

Northern Illinois University Faculty Awards (1)

Social Sciences and Humanities Research Council of Canada (1)

**Administrative and Organizational Activities**

2016 Panel Organizer, "The Evolving Ethical Issues in Physician-Assisted Death in North America." Meetings of the American Society for Bioethics and Humanities. October 9, 2016

2015-2016 Chair, Nominations Committee, Science, Knowledge and Technology Section. American Sociological Association.

2014-2017 Secretary/Treasurer, Science, Knowledge and Technology Section. American Sociological Association (by election).

2014-2015 Chair, Merton Book Awards Committee, Science, Knowledge, and Technology Section. American Sociological Association.

2013 Invited Sessions Organizer, Medical Sociology Section, Annual Meeting of the American Sociological Association.

- 2012 Panel Organizer (with Laura Mamo) "Entanglements of Science, Ethics and Justice." Annual Meeting of the Society for the Social Studies of Science. Copenhagen, Denmark. October 20, 2012.
- 2011 Workshop Organizer (with Laura Mamo). Science, Ethics, and Justice: Reconsiderations and New Directions. National Science Foundation Workshop Grant. San Francisco, California. April 7-8, 2011.
- 2009 Panel Organizer (with Barbara Prainsack). *Your Spitting Image? Future Promise and Identity in Personal Genomics*. Annual Meeting of the Society for the Social Studies of Science. Arlington, Maryland. October 31, 2009.
- 2008 Panel Organizer (with Katrina Karkazis). *The Future of Food: Towards a Bioethics of Food*. Annual Meeting of the American Society of Bioethics and Humanities. Cleveland, Ohio. October 2008.
- 2007 Invited Abstract Reviewer, Annual Meeting of the American Society of Bioethics and Humanities.
- 2006 Session Organizer and Panelist for *Technologies of (Anti-)Aging: Promises and Predictions*. Annual Meeting of the Society for the Social Studies of Science. Vancouver, British Columbia. November 3, 2006.
- 2006 Invited Discussant. *Impact of Pharmaceuticals on Professionals and the Public*. Annual Meeting of the American Sociological Association. Montreal, Quebec. August 11, 2006.
- 2005 Invited Discussant, *Constructing Ethics at the Margins of Life*. Sociology of Bioethics Mini-Conference. Eastern Sociological Society Meetings. Washington, DC. March 20, 2005
- 2004-2006 Council Member for the Science, Knowledge, and Technology Section of the American Sociological Association (by election)
- 2005 Committee Member, Merton Book Award Prize. Science, Knowledge, and Technology Section of the American Sociological Association
- 2004 Member of Task Force on Recruitment and Hiring Practices. American Society of Bioethics and Humanities
- 2002 Session Organizer (with Natasha Schull). *Technologies of Pleasure*. Annual Meeting of the American Anthropological Association Meetings. New Orleans, Louisiana. November 22, 2002.
- 2001-2003 Student Member of Council for the Science, Knowledge, and Technology Section of the American Sociological Association (by election)
- 1999-2000 Awards Committee Member for the Science, Knowledge, and Technology Section of the American Sociological Association

**University Service, McGill University**

***Biomedical Ethics Unit***

Medical Ethics Curriculum Committee (2014-present)

Graduate Program Director, Master's Specialization in Bioethics (2008-present)  
 Rabinowitch Fellowship Application Committee (2008-present)  
 Bioethics Master's Specialization Admissions Committee (2008-present)

### ***Department of Sociology***

Sociology of Knowledge Comprehensive Exam Committee (2009-present)  
 Medical Sociology Comprehensive Exam Committee (2009-present)  
 Sociology of Gender Comprehensive Exam Committee (2009-present)

### ***Faculty of Medicine***

Graduate Programs Committee, Department of Family Medicine (2014-present)

### ***University-wide***

Council of Graduate and Postdoctoral Studies (2014-2017)  
 Advisory Committee Member, 2<sup>nd</sup> Annual Science and Policy Exchange (2011)  
 Clinical Ethics Committee, Ethics Advisor. McGill Reproductive Centre (2009-2012)  
 Co-Organizer, "Health, Gender, and Sexuality: A Forum Across Disciplines" Workshop (2009)

### **Media Appearances**

Invited Judge. The Top Ten Innovations for 2016. The Scientist.

"Do Women Need Their Own Viagra?" The Atlantic. December 18, 2014.  
<http://theatlantic.com/health/archive/2014/12/do-women-need-their-own-viagra/383720/>

"Written in your Genes: Direct-to-Consumer Genetic Testing- Fad or here to stay?" McGill Daily. January 27, 2014. <http://www.mcgilldaily.com/2014/01/written-in-your-genes/>

"Searching for the Elixir of Life." McGill Daily. January 13, 2014.  
<http://www.mcgilldaily.com/2014/01/searching-for-the-elixir-of-life/>

"Never Say Die." Matter Magazine. June 25, 2013. <https://www.readmatter.com/a/never-say-die/>

"Man and Superman: Are neurocognitive enhancing drugs the steroids of the academic world?" McGill Tribune. 22(13): November 27, 2012.

*Branding Illness*. Arte France, Documentary. 2010.

"The Science of Great Sex at 80." Discover Magazine. September 15, 2008.

"The Ethics of Human Enhancement" 90.3 at 9. National Public Radio. Cleveland, OH. July 14, 2005.

"Sex Patch for Women" On Point Radio Show. National Public Radio. Boston, MA. December 2, 2004.

### **Professional Membership**

American Sociological Association (1998-present)

Society for the Social Studies of Science (1999-present)

American Society for Bioethics and Humanities (2003-present)

National Women's Studies Association (2010-present)