Meghna Mukherjee

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EDUCATION

Ph.D.

University of California, Berkeley, CA Fields: Gender, Health and Medicine, Reproductive Technologies Sociology Qualifying Exams & Dissertation Committee: Raka Ray (co-chair), Neil Fligstein (co-chair), Armando Lara-Millan, Osagie Obasogie, Daniel Navon M.A. University of California, Berkeley, CA (2019) Thesis: "How Do You Want Your Eggs? Kin Making in the Clinic and Social Sociology Reproduction in the Bay Area and Kolkata" B.A. Columbia University in the City of New York, Columbia College (2015) Magna Cum Laude, Departmental Honors Sociology, Thesis: "Commercial Surrogacy in India: Understanding and Protecting Non-Human Rights

Traditional Maternity in the Traditional Society

PEER-REVIEWED PUBLICATIONS

- 2023 Mukherjee, Meghna, Konrad Posch, Santiago Molina, Ken Taymor, Ann Keller. Comparing Regulatory Processes in Genome Editing and Autonomous Vehicles: How Institutional Environments Shape Sociotechnical Imaginaries. Review of Policy Research. pp. 1-25.
- 2022 Mukherjee, Meghna. How Do You Want Your Eggs? The Medical Management of Kin-Making and Reproductive Inequalities in the United States and India. Social Problems.
- 2022 Mukherjee, Meghna, Margaret Eby, Skyler Wang, Armando Lara-Millán, Althea Maya Earle. Medicalizing Risk: How Experts and Consumers Manage Uncertainty in Genetic Health Testing. PLOS **ONE**. Vol. 17(8), pp. 1-20.
- 2022 Pereira, Stacey, Shai Carmi, [...] Meghna Mukherjee, [...] Gabriel Lázaro-Muñoz, Todd Lencz. Polygenic Embryo Screening: Four Clinical Considerations Warrant Further Attention. Human **Reproduction**. Vol 37(7), pp. 1375-1378.
- 2022 Barlevy, Dorit, Todd Lencz, Shai Carmi, Kristin Kostick, Meghna Mukherjee, Stacey Pereira, and Gabriel Lázaro-Muñoz. Capacities and Limitations of Using Polygenic Risk Scores for Reproductive Decision Making. *The American Journal of Bioethics*. Vol 22, pp. 42-45.
- Mukherjee, Meghna. The Management of Unequal Patient Status in Fertility Medicine: Donors' and 2020 Intended Parents' Experiences of Participatory and Imposed Enrollment. Social Science and Medicine. Vol. 247, pp. 1-8.
- Mukherjee, Meghna. More Than a Womb: Recognizing and Protecting 'Gestational Motherhood' in 2018 India's Commercial Surrogacy Industry. *Journal of Research on Women and Gender*. Vol. 8, pp. 64-79.

OTHER PUBLICATIONS

- 2022 Meghna Mukherjee. Review of Skomorowsky, Anne, The Carriers: What the Fragile X Gene Reveals About Family, Heredity, and Scientific Discovery. **H-Sci-Med-Tech, H-Net Reviews**.
- Mukherjee, Meghna and Nairi Shirinian. Engineering for Perfection: The False Promises of Heritable Genome Editing in Assisted Reproduction. *The Othering & Belonging Institute*.
- 2022 Mukherjee, Meghna. Hamstrung by Hardship: The Clinic's Role in Protecting Egg Donors' Reproductive Labor in Kolkata, India. In *Birth Controlled: Selective Reproduction and Neoliberal Eugenics in South Africa and India*, 1st ed. *Manchester University Press*.
- 2021 Mukherjee, Meghna, and Margaret Eby. Making Better Babies? Past and Future State Fair Contests Evaluating Geneticized Worth. In *Birthing Techno-Sapiens: Human-Technology Co-Evolution and The Future of Reproduction*, 1st ed. *Routledge*.
- 2018 Mukherjee, Meghna. Ed. Susan M. Shaw et al. Kingdom of Saudi Arabia. In *Women's Lives Around the World: A Global Encyclopedia*. Santa Barbara: *ABC-CLIO*. Vol. 4, pp 163-174.

AWARDS

- 2022 Graduate Student Paper Award by the Pacific Sociological Association
 - "Hamstrung by Hardship: The Clinic's Role in Protecting Egg Donors' Reproductive Labor in Kolkata, India"
- 2021 Outstanding Graduate Student Instructor by UC Berkeley Graduate Division
- 2021 Graduate Student Paper Honorable Mention by the Pacific Sociological Association
 - "How Do You Want Your Eggs? Kin-making in the Clinic and Social Reproduction in Kolkata and the Bay Area"
- 2020 Graduate Student Paper Honorable Mention by the Council on Anthropology and Reproduction
 - "Hamstrung by Hardship: Protecting Egg Donors' Reproductive Labor in Kolkata, India"
- 2015 Departmental Honors by Columbia University Department of Sociology
 - "Commercial Surrogacy in India: Understanding and Protecting Non-Traditional Maternity in a Traditional Society"
- 2014 Human Rights Essay of the Year by Columbia University's Institute for the Study of Human Rights
 - "A Bridge of a Difference: The Underlying Factors Characterizing the Kingdom of Bahrain's and Saudi Arabia's Respective Approaches to Women's Public Participation"
- 2013 King's Crown Leadership Excellence for Civic Responsibility by Columbia University

FELLOWSHIPS & GRANTS

- 2022-2023 Charlotte W. Newcombe Doctoral Dissertation Fellowship awarded by Institute for Citizens & Scholars
 - Fellowship awarded to 22 scholars nationwide to support a year of dissertation writing.
- 2021-2022 Graduate Research Grant awarded by UC Berkeley's Center for Race and Gender
- 2021-2022 Berkeley Connect Fellowship awarded by UC Berkeley Graduate Division
- 2020-2021 Lowenthal Fellowship awarded by UC Berkeley Department of Sociology
- 2019-2020 Graduate Division Summer Research Grant awarded by UC Berkeley Graduate Division
- 2019-2020 Albireo Group Fellowship awarded by the Albireo Group

2019-2020	Research Team funding awarded by UC Berkeley Social Science Matrix • Grant to study consumer genetic testing impact on health diagnoses and risk management
2018-2019	Graduate Division Conference Travel Grant awarded by UC Berkeley Graduate Division
2018-2019	Bhattacharya Research Fellowship awarded by UC Berkeley's Institute for South Asia Studies
2018-2019	Regents Fellowship awarded by UC Berkeley
2017-2018	Regents Fellowship awarded by UC Berkeley

TEACHING

2021	Instructor of Record, "Introduction to Sociology for Pre-Health majors" (Summer)	
2021	Head Graduate Student Instructor, "Evaluation of Evidence." Instructor: Dr. Edwin Lin. (Spring)	
2020	Head Graduate Student Instructor, "Evaluation of Evidence." Instructor: Dr. Edwin Lin. (Fall)	
2020	Co-Instructor, "Qualitative Research Methods." Center for Ethnographic Research (Summer)	
2020	Head Graduate Student Instructor, "Introduction to Sociology." Instructor: Dr. Robert Braun. (Spring)	
2019	Co-Instructor, "Qualitative Research Methods." Center for Ethnographic Research (Summer)	
2019	Graduate Student Instructor, "Introduction to Sociology." Instructor: Dr. Robert Braun. (Spring)	
Invited Lectures		
2022	"Genetic Counseling and ELSI" UC San Francisco Genetic Counselors Master's Program	
2021	"Human Contexts and Ethics" UC Berkeley Undergraduate Data Science Program	

"Human Contexts and Ethics" UC Berkeley Undergraduate Data Science Program "Qualitative Research Methods" Carnegie Mellon University Graduate Workshop Series

- 2020 "Human Contexts and Ethics" UC Berkeley Undergraduate Data Science Program
- 2019 "Medical Case Studies" UC Berkeley Undergraduate Course
- 2019 "Sociology of Health & Medicine" UC Berkeley Undergraduate Course
- 2019 "NICU infants and women's health" UC Berkeley Undergraduate Course
- 2018 "Medical Case Studies" UC Berkeley Undergraduate Course
- 2018 "Sociology of Medicine" UC Berkeley Undergraduate Course

INVITED TALKS

- 2022 National Institutes of Health "Irreducible Subjects: Disability and Genomics in the Past, Present and Future"
 - Speaker, research on prenatal genetic testing and wrongful birth/life cases from 1960-2015
- 2019 National Science Foundation "Science & Innovation Policy Grantee Conference"
 - Panelist; 'Early Career Scholars' on future research directions in science and innovation studies

CONFERENCE PRESENTATIONS

2022 "Adjudicating Existence in Wrongful Birth and Life Cases: The Changing Socio-legal Landscape of Health and Reproduction Alongside Prenatal Genetic Technologies." Pacific Sociological Association Annual Meeting. Sacramento, CA.

- 2022 "Toward an Era of Consumerist Eugenics: Polygenic Embryo Screening and the Market for Stratified Existence." Reproductive Ethics Annual Conference. Virtual.
- 2022 "Adjudicating Existence in Wrongful Birth and Life Cases." Reproductive Ethics Annual Conference. Virtual.
- 2022 "Hamstrung by Hardship: The Clinic's Role in Protecting Egg Donors' Reproductive Labor in Kolkata, India." Pacific Sociological Association Annual Meeting. Sacramento, CA.
- 2021 "How Do You Want Your Eggs? The Medical Management of Kin-Making and Stratified Reproduction in the US and India." American Sociological Association Annual Meeting. Virtual.
- 2021 "Medicalizing Risk: How Experts and Consumers Manage Uncertainty in Genetic Health Testing." American Sociological Association Annual Meeting. Virtual.
- 2021 "Hamstrung by Hardship: The Clinic's Role in Protecting Egg Donors' Reproductive Labor in Kolkata, India." Birth Rights Bar Association. Virtual.
- 2021 "How Do You Want Your Eggs? Kin-making in the Clinic and Social Reproduction in Kolkata and the Bay Area" Pacific Sociological Association Annual Meeting. Virtual.
- 2021 "The Management of Unequal Patient Status in Fertility Medicine: Donors' and Intended Parents' Experiences of Participatory and Imposed Enrollment." Reproductive Ethics Annual Conference. Virtual.
- 2019 "The Costs of Unequal Patient Status in Fertility Medicine: Nurturing Embryos while Obscuring the Women behind the Egg." Pacific Sociological Association Annual Meeting. Oakland, CA.
- 2019 "How Do You Want Your Eggs? Kin-making in the Clinic and Social Reproduction in Kolkata and the Bay Area." American Sociological Association Annual Meeting. New York City, NY.
- 2019 "How Do You Want Your Eggs?" Reproductive Ethics Annual Conference. Albany, NY.
- 2019 "How Do You Want Your Eggs? Kin-making in the Clinic and Social Reproduction in Kolkata and the Bay Area." XI International AFIN Conference Towards Reproductive (In)Justice: Mobilities, Technologies, Laborings & Decisions.' Granada, Spain.
- 2018 "Idealization of Embryos as Patients in Fertility Care: Nurturing Embryos While Obscuring Women Behind the Egg." American Anthropological Association. San Jose, CA.

ACADEMIC RESEARCH

Baylor College of Medicine/Harvard Medical School

Texas, Massachusetts, USA (May 2021-October 2022)

Pre-doctoral Fellow, Center for Medical Ethics and Health Policy (NIH Grant #R01HG011711)

- Supported research team studying ethical, social, and legal implications of polygenic embryo screening.
- Assisted research development (e.g. recruitment, interview protocols), data collection, and analyses.

UC Berkeley Data Science Education Program

California, USA (May 2020 - 2021)

Graduate Student Researcher, Human Contexts and Ethics

- Led incorporation of critical social science methods into data science pedagogy and student projects.
- Assisted leadership with higher level conceptual design of HCE content and projects.

UC Berkeley Social Science Matrix

California, USA (May 2018 – March 2021)

Co-Researcher, 'DNA of Media Accounts on Genetic Ancestry Testing'

- Studied how genetic test results reconfigure understandings of diagnoses and health risk management.
- Analyzed health forum discussions pertaining to consumer genetic technology.

UC Berkeley Department of Public Health

California, USA (August 2018 – August 2020)

Graduate Student Researcher for Dr. Ann Keller and Dr. Ken Taymor (NSF Grant #1735661)

- Studied federal-level uptake of emerging technologies CRISPR/Cas-9 and Automated Vehicles.
- Supported research development (e.g., targeted recruitment, interview protocols), project management, and publications.
- Interviewed scientists and regulators and analyzed transcripts.

UC Berkeley Department of Sociology

California, USA and Kolkata, India (January – December 2018)

Master's Thesis (advisors: Dr. Raka Ray, Dr. Armando Lara-Millan)

- Studied culturally variant kin-making logics and medicalized reframing of donor eggs' heritable traits.
- Conducted ethnography at fertility clinics, and 40 interviews with egg donors and clinicians.

UC San Francisco, School of Nursing

California, USA (January – July 2018)

Graduate Student Researcher for Dr. Diane Tober

• Analyzed 100-150 egg donor experience surveys (Qualtrics, STATA) to understand correlations between medical risks, types of hormonal injections, frequency of donation, and the number of eggs donated.

UC Berkeley Department of Sociology

California, USA and Siliguri, India (April – July 2018)

Graduate Student Researcher for Dr. Raka Ray

- Studied economic aspirations, gendered assumptions of labor and employment, and upward mobility.
- Conducted 30 interviews and ethnography at two vocational training institutes.

Columbia University Department of Sociology

New York, USA and Kolkata, India (Oct 2014 – May 2015)

Senior Honors Thesis (advisor: Dr. Thomas DiPrete)

- Interviewed 20 surrogate mothers, recruiters, and clinicians.
- Proposed policy framework, incorporating recommendations that respond to research findings.

WORK EXPERIENCE

The Albireo Group

New York, USA (October 2016 – December 2020)

Research and Strategy Consultant

- Coordinate with research and social development organizations to create strategic toolkits, funding plans, and communications materials for non-profit organizations based on their specific needs.
- Projects: (i) two-generation early childhood development toolkit, (ii) Black teacher-driven K-12 pedagogy model, (iii) data governance toolkit, (iv) National Black MBA White Paper.

<u>The Door – A Center of Alternatives, Inc.</u>

New York, USA (June 2015 – September 2016)

Grants Officer

- Managed a portfolio of 7 programs across two organizations, including writing all proposals and reports for public and private funders, and managing administrative duties.
- Coordinated data reporting and analysis, relevant policy research, and budget preparation.
- Supervised and designed an internship program for the Development Department.

Human Rights Watch

New York, USA (September 2014 – May 2015)

Foundations & Development Intern

- Coordinated donor relations by conducting prospect donor research, writing customized acknowledgement letters, and updating Raiser's Edge database.
- Managed administrative tasks: filing, monthly budget preparation, and payment installment scheduling.

Communications & Fundraising Intern

- Conducted research on Jordan's social and economic development areas for program design.
- Led renovation of organization website and applied for an USAID grant to support the process.
- Developed fundraising schemes, event management materials, and media publications.

National Economic and Social Rights Initiative

New York, USA (September – December 2013)

Research & Policy Intern

- Assembled comprehensive research reports on housing legislation across US.
- Designed and produced informative materials and graphics for partner grassroots organizations.

Apne Aap Women's Collective

Mumbai, India (June – August 2013)

Research & Strategic Communications Intern

- Conducted fieldwork to understand cultural boundaries oppressing sex workers and their children.
- Strengthened organizational capacity by redeveloping the annual report and website.
- Developed and launched a spoken English curriculum for school- and college-aged girls.

PROFESSIONAL ACTIVITIES

Service	
2020-2023	Founder, Coordinator, and Mentor. UC Berkeley "Social Science Research Pathways" program
2022	Reviewer. Social Problems peer-reviewed journal.
2022	Committee Member. UC Berkeley, Department of Sociology, Graduate Student Admissions.
2021	Presider, 'Race, Class, Gender' session on Reproductive Justice. American Sociological Association.
2020-2021	Mentor. UC Berkeley "NavCal" program.
2020	Reviewer. Social Science and Medicine peer-reviewed journal.
2020	Member and Facilitator. UC Berkeley Sociology Anti-Racism Working Group.
2020	Student Organizer. ReproScholars Graduate Network:
2019-2020	Program Coordinator. UC Berkeley Sociology Undergraduate Honors Thesis Mentoring Program.
2019	Presider, 'Inequality, Gender, and Health' session. Pacific Sociological Association.
2017-2019	Mentor. UC Berkeley Sociology Undergraduate Honors Thesis Mentoring Program.

Memberships

- American Sociological Association
- Pacific Sociological Association

Affiliations

- Institute for the Study of Societal Issues
- Berkeley Center for Social Medicine
- Center for Ethnographic Research

SKILLS

Research Methods: Proficient at conducting mixed-methods research. Expertise with in-depth interviews and participant observation. Intermediate abilities with survey methods and quantitative analysis.

Technology: MaxQDA, ATLAS.ti, Survey Monkey, Google Suite, Microsoft Office, Raiser's Edge Database. Intermediate abilities with STATA, R, Python, Qualtrics.

Languages: English (fluent), Bengali (fluent), and Spanish (intermediate)