

## Nicole M. Foti, PhD

Hecht-Levi Postdoctoral Fellow

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### EDUCATION

University of California San Francisco

Ph.D., Sociology

2023

*Open Pharma: Collective Action to Common Pharmaceutical Knowledge*

Committee: Janet Shim (chair), Osagie Obagosie, Howard Pinderhughes

University of Oregon

B.S., Women's and Gender Studies

2015

Oregon State University

B.S., Biology, Chemistry minor, Cum Laude

2011

### RESEARCH INTERESTS

Medical Sociology | Health Equity | Political Economy | Science and Technology Governance | Health Social Movements | Pharmaceuticals | Qualitative Methods | Community Engaged Research

### PUBLICATIONS

#### Peer-reviewed Articles

Foti, N. (Forthcoming, pre-proof currently online). "Beyond biomedical institutions: An ethnographic study of community science and the rise of alternative therapeutic imaginaries" *Social Science & Medicine*

Foti, N. (Forthcoming). "The open pharma movement: Social action to 'open' drug research and its implications for health." *Social Studies of Science*

McMahon, C. Foti, N., Jeske, M., Britton, W., Fullerton, SM., Bentz, M., Shim, J., Lee, S. (2023) "Interrogating the value of return of results for diverse populations." *AJOB Empirical Bioethics*

Vasquez E., Foti, N., McMahon, C., Jeske, M., Fullerton, SM., Saperstein, A., Shim, J., Lee, S. (2023). "Rethinking benefit and responsibility in the context of diversity: Perspectives from the frontlines of precision medicine research." *Public Health Genomics*

Shim, J., Foti, N., Vasquez E., Fullerton, SM., Bentz, M., Jeske, M., Lee, S. (2023). "Community engagement in precision medicine research: Organizational practices and their impacts for equity." *AJOB Empirical Bioethics*

Foti, N. (2022). "A 'tyranny of structurelessness'? The benefits and burdens of power sharing and governance models in citizen science." *Citizen Science: Theory and Practice*

Lee, S.S., Fullerton, S.M., McMahon, C., Bentz, M., Saperstein, A., Jeske M., Vasquez, E., Foti, N., Carmel-Saco, L., and Shim, J. (2022). “Targeting representation: Interpreting calls for diversity in precision medicine research.” *Yale Journal of Biology and Medicine*

Shim, J., Bentz, M., Vasquez, E., Jeske M., Saperstein, A., Fullerton, S.M., Foti, N., McMahon, C., and Lee, S.S. (2022). “Strategies of inclusion: The tradeoffs of pursuing “baked in” diversity through place-based recruitment.” *Social Science & Medicine*.

Jeske M., Vasquez, E., Fullerton, S.M., Saperstein, A., Bentz, M., Foti, N., Shim, J., and Lee, S.S. (2022). “Beyond inclusion: Enacting team equity in precision medicine research.” *PLoS ONE* 17(2): e0263750.

### **Policy Publications**

Foti, N. (2020). “Community-based insulin: An urgent response to systemic failures in the U.S. pharmaceutical regime.” Othing & Belonging Institute, University of California, Berkeley, CA. Retrieved from: <https://belonging.berkeley.edu/community-based-insulin>

### **Blogs**

Foti, N. (2014). “Female sexual dysfunction: ‘Pink Viagra,’ a dysfunctional approach to treatment.” nursingclio.org. Retrieved from: <https://nursingclio.org/2014/04/15/female-sexual-dysfunction-pink-viagra-a-dysfunctional-approach-to-treatment/>

### **Under Review**

Shim, J., McMahon, C., Saco, L., Bentz, M., Foti, N., and Lee, S.S. “Towards equity and inclusion in precision medicine research: Mapping diversity decisions along the study life course.” Revised and resubmitted. *Journal of Clinical and Translational Science*

### **AWARDS AND FELLOWSHIPS**

Distinguished Dissertation in Sociology Award, UC San Francisco	June 2023
Center for Engaged Scholarship Dissertation Fellowship (\$30,000)	2022 – 2023
Graduate Dean's Dissertation Completion Fellowship, UC San Francisco (\$27,500)	2022 – 2023
Presidential Graduate Opportunities for Leadership Development Fellowship (Declined)	2022 – 2023
Strauss Endowed Scholarship/Patricia Benner Award, UC San Francisco (\$3,000)	2022 – 2023
Harrington Health Policy Scholarship, UC San Francisco (\$3,000)	2021 – 2022
Patricia Benner Endowed Scholarship, UC San Francisco (\$3,000)	2020 – 2021
Rosenberg-Hill Graduate Research Fellow, UC San Francisco (\$40,000)	2019 – 2020
Diversity Achievement Award, Oregon State University (\$4,800)	2007 – 2011

## **TEACHING EXPERIENCE**

Guest Lecturer, Johns Hopkins University Course: SOM-E, Medical Humanities and Social Medicine in Practice Topic: Inequality and social change	2024
Guest Lecturer, University of California Davis Course: STS 122, Health and Medical Technologies Topic: DIY biology and social movements	2021
Guest Lecturer, University of California San Francisco Course: GRAD 210, Justice, Equity, Diversity, and Inclusion Academic Leadership Topic: Theorizing institutional systems of power and oppression	2021
Instructor, California State University East Bay Course: HSC 130, Health Humanities	2020
Guest Lecturer, University of California Berkeley Course: Sociology N1H, Introduction to Sociology Topic: Health social movements	2019
Teaching Assistant, University of Oregon Course: WGS 101, Introduction to Women's and Gender Studies	2013
Teaching Assistant, Oregon State University Course: CH 121, General Chemistry	2010 – 2011

## **PRESENTATIONS AND PANELS**

Foti, N. 2024. "Social change in an increasingly individualized, capitalized, and fragmented health system: An ethnographic study of the Open Insulin project." Paper presented at annual conference of American Society for Bioethics and Humanities. St. Louis, MO. September 20.

Foti, N. 2024. "Beyond biomedical institutions: An ethnographic study of community science and the rise of alternative therapeutic imaginaries." Paper presented at annual meeting of the American Sociological Association. Montréal. August 12.

Foti, N. 2024. "The open pharma movement: Assessing collective action to address drug pricing, access, and equity through 'open' research." Paper presented at Oxford Global Health and Bioethics International Conference. Oxford. July 9.

Shim, J. and Foti, N. 2024. "Community engagement in precision medicine research: Organizational practices and their impacts for equity." Paper presented to Ethics Working Group, Ancestral Populations Network, National Institute of Mental Health. Virtual. March 25.

Foti, N. 2022. "The open source pharmaceutical movement: Mapping social action for a medicine commons." Paper presented at joint annual meeting of the Society for the Social Studies of Science and

Asociación Latinoamericana de Estudios Sociales de la Ciencia y la Tecnología. Cholula, Mexico. December 7-10.

Foti, N., McMahon, C., Shim, J., Carmel-Saco, L., Fullerton, SM., Saperstein, A., Bentz, M., Lee, S. 2022. Panel: “How inclusion matters: The perceived benefits and impacts of diversity in precision medicine research.” Paper presented at annual conference of American Society for Bioethics and Humanities. Portland, OR. October 27.

Foti, N. 2022. “The spectre of expertise: The dilemma of expert knowledge in the struggle for community-based insulin.” Paper presented at annual meeting of the American Sociological Association. Los Angeles. August 7.

Foti, N., Vasquez E., McMahon, C., Jeske, M., Fullerton, SM., Saperstein, A., Bentz, M., Shim, J., Lee, S. 2022. “Mandating Diversity in the Context of Inequity: Re-examining the Research-Care Divide in Precision Medicine Research.” Paper presented at 5<sup>th</sup> ELSI Congress (ELSICon). New York City (Virtual). June 1.

Foti, N. 2020. “Politically engaged research within DIY/biohacked medicine efforts: opportunities and challenges from the Open Insulin Project.” Paper presented at annual meeting of the Society for the Social Studies of Science. Prague (Virtual). August 18.

Foti, N. 2019. “Community-based labs and innovations in open source pharmaceuticals.” Paper presented at annual meeting of the Society for the Social Studies of Science. New Orleans, LA. September 7.

Foti, N. 2019. “Open source insulin: an introduction to the Open Insulin Project” Presentation at the Open Source Pharma 3 conference. Paris. March 21.

Foti, N., Flanagan, M., Kim, R., Juul, M., D'haeseleer, P. (moderator). 2018. “Biohackers, open science and community labs.” Invited panelist for Synthetic Biology Week, associated with Global Synthetic Biology Summit (SynBioBeta) conference. Oakland, CA. October 4.

## **RESEARCH EXPERIENCE**

University of California San Francisco  
Graduate Student Researcher 2020 – 2022  
PI: Janet Shim and Sandra Soo-Jin Lee  
Study: Ethics of Inclusion: Diversity in Precision Medicine Research

University of California San Francisco  
Rosenberg-Hill Graduate Research Fellow 2019 – 2020  
PI: Arianne Teherani and D’Anne Duncan  
Study: Identity Dissonance in Biomedical Graduate Education

University of California San Francisco  
Research Data Analyst 2 2018 – 2019  
PI: Rena Pasick

Study: Second Opinions and the Treatment Gradient Experienced by African American Breast Cancer Patients: An Exploratory Study

### **PROFESSIONAL AND WORK EXPERIENCE**

HIV Alliance (nonprofit), Eugene, USA  
Health Social Worker 2014 – 2017

HIV Alliance, Eugene, USA  
Student Intern, Women's and Gender Studies Practicum 2013 – 2014

Child and Family Health International: Palliative Care, Thiruvananthapuram, India  
Non-student Intern, stipend and housing provided 2012

Child and Family Health International: Rural/Urban Himalayan Rotation and Maternal and Child Health, Dehradun and Pune, India  
Student Intern 2009

Summer Medical and Dental Education Program, University of California Los Angeles, David Geffen School of Medicine, Los Angeles, CA  
Student Intern, stipend and housing provided 2009

### **ACADEMIC SERVICE**

Fellow, Center for Medical Humanities & Social Medicine, Johns Hopkins University 2023 – Current

Affiliate Trainee, Hopkins Business of Health Initiative, Johns Hopkins University 2023 – Current

Student Council Member of the ASA Science, Knowledge, and Technology Section 2022 – 2023

Sociology Student Representative, Department of Social and Behavioral Sciences, University of California San Francisco 2019 – 2020

President of Oregon State University Rural and Minority Healthcare Advocates 2009 – 2011

### **PROFESSIONAL MEMBERSHIPS**

American Sociological Association (ASA)  
Collective Behavior and Social Movements, Section Member  
Economic Sociology, Section Member  
Medical Sociology, Section Member  
Science, Knowledge, and Technology (SKAT), Section Member  
American Society for Bioethics and Humanities (ASBH)  
Society for the Social Studies of Science (4S)