

Ellen Abrams

PhD Candidate

Department of Science and Technology Studies
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EDUCATION

Ph.D. in Science & Technology Studies, Cornell University, Ithaca, NY, May 2020 (anticipated)
Dissertation Title: “Making Mathematics American: Gender, Professionalization, and Abstraction
During the Growth of American Mathematics, 1890-1945”
Committee: Suman Seth, Ronald Kline, Aaron Sachs
B.S. in Mechanical Engineering, Northwestern University, Evanston, IL, June 2011

RESEARCH AND TEACHING AWARDS

British Society for the History of Mathematics Taylor and Francis Early Career Prize (2018-2019)
National Academy of Sciences/National Research Council World War I Grand Prize (2018)
Sheila Jasanoff Prize for Academic Excellence in Science & Technology Studies (2017)
James F. Slevin Assignment Sequence Prize (2017)
Les Dames d’Escoffier Scholarship (2014)
Aramark Memorial Scholarship (2014)

RESEARCH GRANTS AND FELLOWSHIPS

Consortium for the History of Science, Technology and Medicine Research Fellowship (2019)
National Science Foundation Doctoral Dissertation Research Improvement Grant (2018)
National Academy of Sciences/National Research Council World War I Research Grant (2018)
Cornell University Graduate Research Travel Grant (2018)
Society for the Humanities Research Travel Grant (2017, 2019)
American Studies Research Travel Grant (2017)
Cornell University Sage Graduate Fellowship (2014, 2017)

PUBLICATIONS

“‘Indebted to No One’: Grounding and Gendering the Self-Made Mathematician.” *Historical Studies in the Natural Sciences* (forthcoming).
“A Letter from Dr. Caroline Eustis Seely.” In *Women in the History of Science: A Liberating the Curriculum Sourcebook*, edited by Rebecca Martin, Farrah Lawrence-Mackey, Sadie Harrison, Erika Jones, and Hannah Wills. London: UCL Press, (forthcoming).
“Training for Trade at the Nesin Mathematics Village.” In *Modern Natural Science from the Late Ottoman to the Present*, edited by Vefa Saygın Öğütle and Sanem Güvenç-Salgırlı. Istanbul: Doğu Batı Publishers, (2019).
Review of *American Mathematics 1890-1913: Catching up to Europe*, by Steve Batterson. *BSHM Bulletin: Journal of the British Society for the History of Mathematics* 33, no. 3 (2018): 200-201.
“Sake.” In *The SAGE Encyclopedia of Alcohol: Social, Cultural, and Historical Perspectives*, edited

by Scott C. Martin, 1101-1103. Thousand Oaks, CA: SAGE, 2015.

SELECTED CONFERENCE PRESENTATIONS

- “Indebted to No One: Grounding and Gendering the Self-Made Mathematician,” American Historical Association Annual Meeting, New York, New York, January 2020.
- “An Inalienable Prerogative of the Liberated Spirit’: Postulating American Mathematics.” The History of Science Society Annual Meeting, Utrecht, The Netherlands, July 2019.
- “My Dear Sir’ and ‘My Dear George’: The Relevance and Rhetoric of American Mathematics During and After World War I.” World War I and the National Academy of Sciences/National Research Council Public Conference for Invited Applicants, Washington, D.C., October 2018.
- “Invisible Labor in American Mathematics: 1894–1945.” European Society for the History of Science Biennial Conference, London, UK, September 2018.
- “Making Mathematics American: Postulate Theory and American Mathematics, 1900–1945.” The History of Science Society Annual Meeting, Toronto, ON, November 2017.
- “The Practice of Postulates in American Mathematics, 1900–1945.” The Society for the Social Studies of Science Annual Meeting, Boston, MA, August 2017.
- “Backwards Graphs: Negotiating the Local and the Global at the Nesin Mathematics Village.” The International Congress of History of Science & Technology, Rio de Janeiro, Brazil, July 2017.
- “Training for Trade at the Nesin Mathematics Village.” The History of Science Society Annual Meeting, Atlanta, GA, November 2016.
- “Participant Observation at the Leavitt Path Algebras and Graph C*-algebras CIMPA Research School.” Northeast Science and Technology Studies Graduate Student Conference, Rensselaer Polytechnic Institute, March 2016.
- “Swimmability: Values and Metrics in Cayuga Lake.” The Society for the Social Studies of Science Annual Meeting, Denver, CO, November 2015.
- “In the Name of the Father, the Son, and the Holy Samba,” The International Conference on Intercultural Communication Studies, Louisville, KY, November 2008.

CONFERENCE TRAVEL GRANTS

- American Historical Association Conference Travel Grant (2020)
- History of Science Society Conference Travel Grant (2016, 2017, 2018, 2019)
- Cornell University Conference Travel Grant (2016, 2017, 2018, 2019)
- British Society for the History of Science Butler-Eyles Conference Travel Grant (2018)
- Commission on Women in Science and Gender Studies Conference Travel Grant (2017)
- International Commission for the History of Mathematics Conference Travel Grant (2017)

TEACHING POSITIONS

- Instructor, *Science, Technology, and Politics*, Cornell University (Summer 2019, Summer 2020)
- Instructor, *Knowledge, Power, and Mathematics*, Cornell University (Fall 2019, Fall 2016)
- Instructor, *College Math & Writing*, Cornell Prison Education Program, Auburn Correctional Facility (2015-2017)

Instructor, *Power Writers College Prep*, University Heights High School, The Bronx, NY (Fall 2017)
Teaching Assistant, *Viruses, Humans, Viral Politics*, Cornell University (Spring 2020)
Teaching Assistant, *Computing Cultures*, Cornell University, Ithaca, NY (Spring, 2019)
Teaching Assistant, *Ethics and the Environment*, Cornell University, (Fall 2015, Spring 2017)
Teaching Assistant, *Ethical Issues in Health and Medicine*, Cornell University, (Spring 2016)

TEACHER TRAINING

Theater Techniques for Teaching, Cornell University (Fall 2019)
Teaching and Learning in the Diverse Classroom, Cornell Online (Fall 2018)
Teaching Writing, Cornell University (Fall 2015)

SERVICE

Member and Graduate/Early Career Representative, History of Science Society Committee on Diversity and Inclusion (2018-2019)
Diversity Co-Chair, History of Science Society Graduate and Early Career Caucus (2018-2019)
Treasurer, Science and Technology Studies Graduate Student Association, Cornell University (2015–2017)
Conference Organizer, Intersectional Feminisms on Campus: A Workshop, Cornell University, November 2015

PROFESSIONAL ASSOCIATIONS

The American Historical Association
The History of Science Society
The British Society for the History of Science
The Society for the Social Studies of Science

PREVIOUS EMPLOYMENT

Lead Teacher, Brooklyn Robot Foundry, Brooklyn, NY (2013–2015)
Program Assistant, Museum of Food and Drink, New York, NY (2013–2014)
IT Business Analyst, Coyote Logistics, Chicago, IL (2011–2014)
Research Assistant, Telethon Institute of Genetics and Medicine, Naples, Italy (2012–2013)

LANGUAGE/TECHNICAL SKILLS

Certified CELI Italian Language Speaker: Proficient (June 2013)
Early Intermediate Spanish Language Speaker
Programming Experience: SQL; HTML/CSS; Java; Matlab; Stata; CAD (NX 5.0)