

PATRICIA GARCIA

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School of Information
University of Michigan
4322 North Quad
Ann Arbor, MI 48109

EDUCATION

PhD	University of California, Los Angeles Information Studies	2015
MLIS	University of California, Los Angeles Archival Studies	2013
MA	University of Texas, Austin English Literature	2007
BA	St. Edward's University English Literature	2005

RESEARCH APPOINTMENTS

Assistant Professor School of Information, University of Michigan	2017 to Present
Research Fellow School of Information, University of Michigan	2016 to 2017
Postdoctoral Scholar Center for Gender Equity in Science & Technology, Arizona State University	2015 to 2016
Graduate Student Researcher Institute for Society & Genetics, Participatory Lab, UCLA	2012 to 2015

AWARDS

Feminist Research Seminar on the Theme of Feminist Data 2018 Institute for Research on Women and Gender University of Michigan	2018
Diversity, Equity and Inclusion Award University of Michigan	2018

Dissertation Year Fellowship University of California, Los Angeles	2014
Information Studies Diversity Paper Award University of California, Los Angeles	2014
Archival Education and Research Institute Scholarship University of Texas, Austin	2013
Eugene Cota-Robles Fellowship University of California, Los Angeles	2010

GRANTS

University of Michigan MCubed (Co-PI) Rise Up: Designing Effective Computer Science Mentoring Experiences for High School Students Award amount: \$60,000	2018-2020
National Science Foundation (PI) Developing a Culturally Responsive Framework for Promoting Computing Among Adolescent Girls in STEM Programs (#1651653). Award amount: \$294,115.	2016-2018
Institute for Museum and Library Services (Co-PI) Engaging Libraries in Culturally Responsive STEM Programming (#LG-80-16-0116-16). Award amount: \$249,999.	2016-2018
ASU Program for Transborder Communities (Co-PI) Border Quants: Feminist Approaches to Data, Bodies, and Technologies Across Borders. PI: Marisa Duarte, Co-PI: Jacqueline Wernimont, Jessica Rajko, Heather Ross. Award amount: \$17,500.	2016-2017

PUBLICATIONS

Peer-Reviewed Journal Articles

Garcia, P., Fernandez, C., Jackson, A. (2019). Counternarratives of youth participation among Black girls. *Youth & Society*.

Garcia, P., Lueck, J., Yakel, E. (In press, 2019). The pedagogical promise of primary sources: Research trends, persistent gaps, and new directions. *The Journal of Academic Librarianship*.

Garcia, P. (2017). Accessing archives: Teaching with primary sources in K-12 classrooms. *The American Archivist*, 80(1).

Garcia, P. & Scott, K. (2016). Traversing a political pipeline: An intersectional and social constructionist approach toward technology education for girls of color. *InterActions, UCLA Journal of Education and Information Studies* 12(2).

Scott, K.A. & **Garcia, P.** (2016). Techno-social change agents: Fostering activist dispositions among girls of color through a culturally responsive technology program. *Meridians: Feminism, Race, Transnationalism* 15(1).

Garcia, P. (2014). Documenting and classifying labor: the effect of legal discourse on the treatment of H-2A workers. *Archival Science*. DOI: 10.1007/s10502-014-9230-4

Kelty, C., Panofsky, A., Erickson, S., **Garcia, P.**, Currie, M., Crooks, R. & Wood, S. (2014). Seven dimensions of contemporary participation disentangled. *Journal of the American Society for Information Science and Technology*. DOI: 10.1002/asi.23202

Conference Proceedings (Refereed & Archived)

Garcia, P., Fernandez, CH., Jackson, A. (2019). Black Girls as Community Change Agents: Sustaining Participatory Practices in STEM Learning. Paper to be presented at 2019 *American Educational Research Association (AERA) Annual Meeting*, April 2019.

Fernandez, CH., **Garcia, P.** (2019). Counternarratives of STEM participation among Black girls. Paper to be presented at 2019 *American Educational Research Association (AERA) Annual Meeting*, April 2019.

Cifor, M. & **Garcia, P.** (2019). Inscribing Gender: A Duoethnographic Examination of Gendered Values in Fitness Tracker Design. Paper presented at *Hawaii International Conference on System Sciences (HICSS) 52*, January 2019.

Special Issues

Garcia, P. & Murillo, M. (Eds.). (2015). Immigration and documentation: An interdisciplinary research approach. *InterActions: UCLA Journal of Education and Information Studies*, 11(1).

INVITED TALKS

Garcia, P. (2018). **Expressive electronics: Broadening STEM participation through intersectional identity exploration.** Colloquium, School of Information and Computer Science, UC-Irvine.

Garcia, P. (2017). **Intersectional approaches for designing computing programs.** Keynote speaker. Rackham Critical Intersectionality Conference, University of Michigan.

Garcia, P. (2017). **Creating culturally responsive pipeline programs**. Towards Inclusive Tech Symposium, School of Information, UC- Berkeley.

Garcia, P. (2017). **Experiencing data: Duoethnography as a feminist methodology for studying wearables**. Forum on Big Data in Information and Education Studies, School of Information, UCLA.

Garcia, P. (2016). **Promoting computational thinking among girls in tech programs through participatory design**. Colloquium, School of Information, University of Texas at Austin.

Garcia, P. (2016). **Culturally responsive approaches for engaging girls of color in computer science**. The White House Conference on Inclusive STEM Education for Youth of Color. Event held on October 28, 2016 and hosted by the White House Council on Women and Girls, My Brother's Keeper Initiative, Office of Science and Technology Policy, U.S. Department of Energy, and the National Math and Science Initiative (NMSI).

Garcia, P. (2016). **Developing a culturally responsive framework for promoting computing among adolescent girls**. The White House "Champions of Change" event for extracurricular enrichment, afterschool, and summer programming for marginalized girls. Event held on September 30, 2016 and hosted by the White House Council on Women and Girls.

Garcia, P. (2016). **Transdisciplinary Technologies**. Colloquium, School of Social Transformation, Arizona State University.

Garcia, P. (2015). **Platform politics: Design practices and the construction of scholarly knowledge**. Colloquium, School of Information, University of Arizona.

CONFERENCES & WORKSHOPS

Garcia, P. (2018). **Promoting critical data literacy in youth tech programs**. ASIST 2018. Vancouver.

Garcia, P., Lueck, J., Monte-Sano, C., Yakel, E., McDonald, T. (2017). **Promoting undergraduate student learning with primary sources**. MCubed Symposium, University of Michigan, Ann Arbor.

Garcia, P. (2017). **Border Quants: Feminist approaches toward studying self-quantification**. Society for Social Studies of Science (4S), Boston.

Garcia, P. (2017). **Engaging the archive: Evaluating student learning with primary sources**. Archival Education and Research Institute, University of Toronto.

Garcia, P. (2017). **Expressive electronics: Low-cost STEM programs for Girls**. Allied Media Conference, Detroit.

Garcia, P. (2017). **Embodying data: Duoethnography as a feminist methodology for studying wearables**. Computer Supported Cooperative Work (CSCW) workshop, Portland.

Garcia, P. (2016). **Rethinking user agency through modular wearables**. Presentation at Critical Making and Body Politics workshop hosted by the University of Michigan's Designers of Interactive, Intelligent, Internet of Things (DolIIT) group at the School of Information.

Garcia, P. (2016). **Accessing archives: Primary sources and inquiry-based learning in K-12 Classrooms**. Archival Education and Research Institute, Kent State University.

Garcia, P. (2015). **Open archives: Assessing the 'participatory turn' in archival studies**. Archival Education and Research Institute, University of Maryland.

Garcia, P. (2015). **Standardizing education: Teaching with primary sources and the effects of academic standards on innovative teaching**. iConference Doctoral Colloquium, University of California, Irvine.

Garcia, P. (2014). **Beyond the textbook: Primary sources and inquiry-based learning in K-12 classrooms**. Archival Education and Research Institute, University of Pittsburgh.

Garcia, P. (2013). **Primary sources in elementary classrooms: Exploring the integration process**. Archival Education and Research Institute, University of Texas, Austin.

Garcia, P. (2012). **Primary sources, school children, and our libraries: The case for collaborative initiatives to promote the use of primary sources**. California Library Association Annual Meeting, San Jose.

TEACHING EXPERIENCE

SI 435: Exploring Computational Thinking Through Making

Instructor, School of Information, University of Michigan

SI 632: Archival Appraisal

Instructor, School of Information, University of Michigan

SI 580: Understanding Records and Archives: Principles and Practices

Instructor, School of Information, University of Michigan

Archival Appraisal and Description

Instructor, University of Hong Kong, EASTICA

IS 431: Archives & Manuscripts

Special Reader, Information Studies Department, UCLA

ADVISING & MENTORING

NSF Research Experiences for Undergraduates (REU)

Advisor, Arizona State University & University of Michigan

2015 to Present

Research Experiences for Master's Students (REMS) 2015 to Present
School of Information, University of Michigan

PROFESSIONAL EXPERIENCE

Technical Services, Rare Book Cataloging & Archival Processing 2013 to 2015
William Andrews Clark Memorial Library

Digital Projects Assistant 2011 to 2012
UCLA Center for Oral History Research

Digital Resources Metadata Assistant 2010 to 2013
UCLA Cataloging & Metadata Center

ACADEMIC & PROFESSIONAL SERVICE

Diversity Committee Member 2017 to current
University of Michigan, School of Information

Deputy Chair for Panels and Workshops 2017 to current
ACM Richard Tapia Celebration of Diversity in Computing Conference

Grant Reviewer 2017
National Science Foundation

Grant Reviewer 2017
Institute for Museum and Library Services

Ad Hoc Reviewer 2017
ACM Transactions on Computing Education (TOCE)

Ad Hoc Reviewer 2016
ACM Conference on Human Factors in Computing Systems (CHI)

NEH Advisory Board 2016
"The Eugenic Rubicon: California's Sterilization Stories"

Ad Hoc Reviewer 2015
Archival Science

Ad Hoc Reviewer 2014
iConference 2015

Committee on Race and Ethnic Relations Graduate School of Education and Information Studies	2014
Primary Source Institute for LAUSD Educators Lab School, University of California, Los Angeles	2013 to 2014
Doctoral Program Committee Student Representative Department of Information Studies, UCLA	2012 to 2013

PROFESSIONAL MEMBERSHIPS

Association for Computing Machinery (ACM)

Society for Social Studies of Science (4S)

Association for Library and Information Science Education (ALISE)

Society of American Archivists (SAA)

American Educational Research Association (AERA)