

**Cecilia Henríquez Fernández**  
Curriculum Vitae

University of Michigan  
School of Information  
4432 North Quad, 105 South State Street  
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Ann Arbor, MI 48108  
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**EDUCATION**

- Ph.D. University of California, Los Angeles, 2017  
Graduate School of Education and Information Studies, Social Research Methodology  
Dissertation: *Investigating the Relationship Between Student Mathematical Talk, Mathematical Student Roles and Teacher Discourse Around Student Behavior in the Classroom*  
Committee: Noreen Webb (chair), Megan L. Franke, Noel Enyedy, Marjorie H. Goodwin
- M.A. University of California, Los Angeles, 2008  
Graduate School of Education and Information Studies, Social Research Methodology
- B.S. Massachusetts Institute of Technology, 2005  
Department of Mathematics

**PROFESSIONAL EXPERIENCE**

2018 – Present      Postdoctoral Research Fellow, School of Information, University of Michigan, Ann Arbor

**PUBLICATIONS**

**Peer Reviewed Journals**

- 2015      Franke, M.L., Turrou, A.C., Webb, N.M., Ing, M., Wong, J., Shin, N., & **Fernandez, C.H.** Student's Engagement with Other's Mathematical Ideas: The Role of Teacher Invitation and Support Moves. *The Elementary School Journal*, 116(1), 126-148
- 2015      Ing, M., Webb, N. M., Franke, M. L., Turrou, A. C., Wong, J., Shin, N., & **Fernandez, C. H.** Student participation in elementary mathematics classrooms: the missing link between teacher practices and student achievement? *Educational Studies in Mathematics*, 90(3), 341-356.

- 2014 Webb, N.M., Franke, M.L., Ing, M., Wong, J., **Fernandez, C.H.**, Shin, N., & Turrou, A.C. Engaging with others' mathematical ideas: Interrelationships among student participation, teachers' instructional practices and learning. *International Journal of Educational Research*, 63, 79-93
- 2013 Chan Turrou, A., & **Henríquez Fernández, C.** Mathematical Proficiency and Perseverance in Action: The Case of Maria and Andrew\*. *Journal of Mathematics Education at Teachers College*, 3(2), 67-72

### Book Reviews

- 2011 **Henríquez Fernández, C.** Latinos/as Mathematical Experiences: A Review of Latinos/as and Mathematics Education. *Journal of Urban Mathematics Education*, 4(2), 131-139

### Book Chapters

- 2009 Gutierrez, K., Ali, A., & **Henríquez, C.** Syncretism and Hybridity: Schooling, Language, and Race and Students from Non-dominant Communities. In M.W. Apple, S. J. Ball, & L.A. Gandin. (Eds.), *The Routledge International Handbook of the Sociology of Education*. (358-369) New York, NY: Routledge.

### Manuscripts Under Review

Garcia, P., **Fernandez, C.H.**, Jackson, A. 'Counternarratives of Youth Participation Among Black Girls, *Youth and Society*

### In Preparation

Black Girls and Technology: A Counternarrative, to be submitted to *Educational Studies*, Fall 2018

### CONFERENCE PRESENTATIONS

#### Papers

- 2018 Black Girl Participation in Technology: Past, Present, and Future. Paper to be presented at the 117<sup>th</sup> Annual American Anthropological Association Meeting in San Jose, CA.
- 2012 Beyond the Transcript: Toward Innovative Methods for Video-Based Classroom Interaction. Paper presented at the *American Educational Research Association Annual Meeting*. Vancouver, Canada.
- 2011 The Negotiation and Formation of Elementary School Children's Social Identities in Game Playing. Paper presented at the *American Educational Research Association Annual Meeting*. New Orleans, LA.

- 2010 “I Challenge You”: How Students Develop and Maintain Expert Identities and Expertise in Game Play. Paper presented at the *American Educational Research Association Annual Meeting*. Denver, CO.

### Posters

- 2015 Identifying with Math: A Case-Study of Math Student Identity Construction in Two Elementary Classrooms. Poster accepted to the *27<sup>th</sup> Annual Ethnographic and Qualitative Research Conference*. (Not presented due to illness)
- 2014 Student Identity and Participation in Mathematics Classroom. Poster Presented at the *Latina Researchers Networking Conference*. New York, NY.
- 2009 Battleship Sunk! A Case-Study of Mathematic Skills development in Children’s Game Playing. Poster presented at the *American Anthropological Association Annual Meeting*. Philadelphia, PA.

### INVITED PRESENTATIONS

- 2018 Culturally Relevant Mathematics: What is it?, Ascender: Catch the Next Spring Seminar San Antonio, TX, March 1
- 2018 Making Math Accessible: A Reflection on What is Math, Who has Access, and Why do We care? Ascender: Catch The Next Spring, San Antonio, TX, March 2

### TEACHING EXPERIENCE

#### **University of California, Los Angeles, Teaching Assistant for Graduate Courses**

Introduction to Research Design and Statistics (Fall 2009, 2010)

Linear Statistical Models in Social Science Research: Multiple Regression Analysis (Winter 2010, 2011)

Linear Statistical Models in Social Science Research: Analysis of Design Experiments (Spring 2010, 2011)

Introduction to Qualitative Methods and Design Issues in Educational Research (Fall 2011)

Participant-Observation Field Methods (Winter 2009, 2010, 2012)

#### **University of California, Los Angeles, Teaching Assistant for Undergraduate Course**

Culture, Communications and Human Development Research (Spring 2010)

#### **Long Beach City College, Long Beach, CA, Upward Bound Instructor**

Introduction to Physics (Summer 2008)

### **Other Teaching Activities**

#### **Fontana Unified School District, Fontana, CA, High School Math Teacher**

Algebra I, Geometry, Algebra II, Calculus AB (August 2005 – August 2007)

Instructed 9<sup>th</sup> – 12<sup>th</sup> grade Algebra I, Geometry, Algebra II, and Calculus AP, collaborated with instructors from the Science Department to create cross-subject projects for students, Instructed Algebra I in a self-paced computer lab using I CAN LEARN© software, developed and updated Algebra I curriculum including Algebra I Assessments

### **CERTIFICATIONS AND LICENSURE**

2005 Massachusetts State Educator License in Mathematics Education, grades 9 – 12

2005 California Preliminary Single Subject Credential in Mathematics

### **RESEARCH EXPERIENCE**

2010 – 2013 UCLA Mathematics Teaching and Learning Group, Advisors: Noreen Webb and Megan Franke

Prepared data for indexing and coding, developed, tested, and applied qualitative coding structure using StudioCode, Conducted Qualitative and Quantitative Data Analysis, Prepared Conference papers.

2008 – 2009 Las Redes Afterschool Game Club, Advisor: Kris D. Gutierrez

Facilitated the implementation of experimental learning games in an after school educational program, collected fieldnotes, photos, and videos for data analysis, Analyzed project data to determine impact of games on student identity, Produced weekly reports for the project database and Principal Investigator, Prepared conference papers

### **HONORS AND AWARDS**

2011 Graduate Summer Research Mentorship Fellowship, UCLA

2010 Department of Education Distinguished Teaching Assistant Award Recipient, UCLA

2009 Graduate Summer Research Mentorship Fellowship, UCLA

2008 Eugene V. Cota-Robles Doctoral Fellowship, UCLA

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2007 Graduate Opportunity Fellowship Program, UCLA

2005 Albert G. Hill Award Recipient, MIT

### **EDITORIAL POSITIONS, BOARDS, PEER REVIEW SERVICE**

Journal of Ethnographic and Qualitative Research, Editorial Board, May 2018 - present

American Educational Research Association, Conference Reviewer, 2011, 2012, 2019

TAPIA Conference, Abstract Reviewer, 2018

National Science Foundation, Proposal Review Panelist, 2018

### **PROFESSIONAL AFFILIATIONS**

National Council of Teachers in Mathematics (NCTM), 2012 - Present

American Educational Research Association (AERA), 2009 – Present

American Anthropological Association (AAA), 2009 – 2011, 2018 - Present

### **COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE**

American Educational Research Association, Graduate Student Council Program Chair, 2013

UCLA Kneller Endowed Chair Search Committee, Student Representative, 2012

American Educational Research Association, Graduate Student Council Community Leader, 2012

American Educational Research Association, Division G Graduate Student Senior Representative 2011

American Educational Research Association, Division G Graduate Student Junior Representative 2010

UCLA Graduate Students Association in Education, Division Representative (2008 – 2009)

UCLA Campus Programs Committee Member (2007-2008)

Latinas in STEM, Board Director, 2015 - 2017

Latinas in STEM, Workshop Presenter, March 2014, May 2015

### **LANGUAGES**

Cecilia Henríquez Fernández

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Spanish: Native Speaker, Fluent in reading and Writing

## References

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