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# MARCELA R. REYES, Ph.D.

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## EDUCATION

- Ph.D. Education, specialization in Educational Policy and Social Context, 2016  
University of California, Irvine  
*Dissertation Title:* English Language Learners Opportunities to Learn: Language Proficiency Classification and its Consequences in Diverse Middle Schools  
*Dissertation Committee:* Greg Duncan (Chair) Thurston Domina (Co-Chair), Maria Fernanda Rosales-Rueda, and Jamal Abedi
- M.A. Education, specialization in Educational Policy and Social Context, 2014  
University of California, Irvine  
Qualifying Paper: *Motivational Predictors of Math Course Persistence*  
*Advisor:* Thurston Domina
- M.A. Education, specialization in Social Research Methodology, 2009  
University of California, Los Angeles  
*Advisor:* Frederick Erickson
- B.A. Sociology & minor in Mathematics, 2005  
Mount St. Mary's College  
*Advisor:* Pam Haldeman

## ACADEMIC APPOINTMENTS

**Postdoctoral Scholar** 2017-Present  
University of California, Irvine  
PI: Chancellor Carol Connor  
Project: Creating Opportunities for Disadvantaged Children Cluster

## RESEARCH EXPERIENCE

**Graduate Student Researcher** 2014-2016  
University of California, Irvine  
Program Director: Thurston Domina  
Project: Evaluating the Quality of Universal Algebra Learning (EQUAL) Project

**Graduate Student Researcher** 2012-2015  
University of California, Irvine  
Program Director: Greg Duncan  
Project: Child Development Meta-Analysis 1960-Present

**Public Administration Analyst** 2009-2011  
UCLA, National Center for Research on Evaluation, Standards, & Student Testing  
Program Director: Noelle Griffin, Eva Baker, Joan Herman  
Projects: Green Dot, Evaluation of the Enhanced Assessment Grants, CDE after school, etc.

**Field Interviewer** 2007-2008 & 2010-2011  
RAND  
Program Director: Jennifer Hawes-Dawson  
Project: Healthy Passages

**Graduate Student Researcher (Project Coordinator)** 2008-2009  
UCLA Center for Health Policy Research  
Program Director: Peggy Toy  
Project: Health Data (*Datos y Democracia*)

**Professional Expert** 2006-2008  
Los Angeles Unified School District  
Program Director: Katherine Hayes, Deborah Oliver, Alicia Fernandez, Ebrahim Maddahian  
Projects: Spanish Language Arts, Kindergarten project, Modified Consent Decree, etc.

**Consultant/Research Intern** 2004-2006  
Mount St. Mary's College, Institutional Research and Assessment  
Program Director: Don Haviland  
Project: MSMC Internal Reviews

## TEACHING EXPERIENCE

**Tutor/College Counselor** Help increase SAT scores and apply to colleges 2017-Present  
**Teacher Assistant** EDU 50: Origins, Purposes & Central Issues in K-12 Education 2012  
**Project Coordinator** UCLA Center for Health Policy Research 2008-2009  
**Math Tutor** Mount St. Mary's College (The Scholar Mentor Club) 2003-2005  
**K-12 Lead Tutor** Century Lift 2003-2006

## INVITED/GUEST LECTURES

Spring2015: "High School Curriculum/Higher Education" EDU 50: Origins, Purposes and Central Issues in K-12 Education  
Fall2014: "Math Policies and Inequalities" EDU 50: Origins, Purposes and Central Issues in K-12 Education  
Summer2014: "Math Policies and Inequalities" EDU 50: Origins, Purposes and Central Issues in K-12 Education  
Winter2014: "Math Policies and Inequalities" EDU 50: Origins, Purposes and Central Issues in K-12 Education  
Winter2013: "Achievement Motivation and Social Context" EDU108: Adolescent Development and Education

## PUBLICATIONS

**Reyes, M.** and Domina, T. (2017). "Track placement and the motivational predictors of math Course enrollment." *Teachers College Record*.

Hwang, N., **Reyes, M.**, and Eccles, J. (2016). "Implicit theories of intelligence by gender, race, and achievement: Who holds a fixed mindset and who does it harm in high school mathematics?" *Youth and Society*.

Simzar, R., **Martinez, M.**, Rutherford, T., Domina, T., and Conley, A.M. (2015). "Raising the stakes: How students' motivation for mathematics associates with high- and low-stakes test achievement." *Learning and Individual Differences*.

## WORK UNDER REVIEW

**Reyes, M.** and Hwang, N. (revise and resubmit). "Middle school language classification effects on high school students' achievement and behavioral outcomes"

**Reyes, M.**, Powell, M. and McDaniel, A. (revise and resubmit). "Tracking high school students' pathways to male- and female-dominated STEM careers: The influence of career expectations, math course-taking and self-efficacy"

**Reyes, M.** and Domina, T. (under review). "A mixed-method study: Districts' implementation of language classification policies and the implications for male, Hispanic, and low-income middle school students"

**Reyes, M.** (under review). "A mixed-method study: Language classification, and English and math course placement in middle schools"

## REPORT

Herman, J., Dai, Y., Htut, A., **Martinez, M.**, Rivera, N. (2010). *Evaluation of the Enhanced Assessment Grant (EAG)*. Angeles: University of California, National Center for Research on Evaluation, Standards, and Student Testing. Retrieved from:  
<http://www.cse.ucla.edu/products/reports/R791.pdf>

## CONFERENCES/PRESENTATIONS

**Reyes, M.** and Hwang, N. (2017, March). "Middle school language classification effects on high school students' achievement and behavioral outcomes." Paper presented at the biennial meeting of the Society for Research on Educational Effectiveness, Washington, D.C.

**Reyes, M.**, Powell, M. and McDaniel, A. (2016, April). Tracking male and female high school pathways to male- and female-dominated STEM careers: The influence of career expectations, math course-taking and self-efficacy. Paper presented at the annual meeting of the American Educational Research Association.

Hwang, N., **Reyes, M.**, and Eccles, J. (2016, April). Implicit theories of intelligence by gender, race, and achievement: Who holds a fixed mindset and who does it harm in high school mathematics? Paper presented at the annual meeting of the American Educational Research

Association.

Simzar, R.M., **Martinez, M.**, Sanabria, T., Rutherford, T., Domina, T., & Conley, A.M. (2014, August). *Student motivation for mathematics and high-stakes versus low-stakes test achievement*. Paper presented at the annual meeting of the American Psychological Association, Washington, D.C.

**Martinez, M.** (2014, April). *Motivational predictors of math course persistence*. Paper presented at the annual symposium of UC Irvine Associated Graduate Students, Irvine, CA.

**Martinez, M.** (2014, March). *Motivational predictors of math course persistence*. Paper presented at the biennial meeting of the Society for Research on Educational Effectiveness, Washington, D.C.

**Martinez, M.** (2012, October). *Math track: Parent's expectations and theories of intelligence*. Poster presented at the annual UC Irvine Interdisciplinary Conference on Researching Equity, Irvine, CA

## **RECENT AWARDS**

Keith Curry Award 2015-2016

Ford Foundation Honorable Mention Fellowship 2015-2016

Faculty Mentor Program Honorable Mention Fellowship 2014-2015

Eugene Cota-Robles Fellowship 2011-2015

Leadership Award (Scholar Mentor Club, Tutor) 2005

Outstanding Scholar in Theory and Research in Sociology 2005

## **LANGUAGE**

Spanish (Full Professional Proficiency)

## **ACADEMIC SERVICE**

Fall 2012-Spring 2015: **Chicano/Latino Graduate Student Collective** at UC Irvine (Member and Web Designer) Website: [http://clubs.uci.edu/clgsc/?page\\_id=182](http://clubs.uci.edu/clgsc/?page_id=182)

Fall 2013/Winter 2014: **PhD Admissions Committee in Educational Policy and Social Context** at UC Irvine, SOE

Fall 2013: **California Forum for Diversity in Graduate Education** at Saint Mary's Forum (SOE Representative)

Summer 2013: **Competitive Edge Summer Research Program** at UC Irvine (Mentor)

Spring 2013: **California Forum for Diversity in Graduate Education** at UCI (SOE Representative)

## **PEER REVIEWER**

*American Educational Research Journal*

*Asian Social Science Journal*

*Education Researcher*  
*Gender and Society*  
*Journal of Engineering Education*  
*Sociology of Education*  
*Youth & Society*

## **PROFESSIONAL ASSOCIATIONS**

American Educational Research Association (AERA)  
American Psychological Association (APA)  
Society for Research on Educational Effectiveness (SREE)

## **SPECIALIZED TRAININGS**

AERA Institute of Statistical Analysis: Math Education and Equity on May 20-23, 2013  
(Washington, DC)  
University of California Evaluation Center (UCEC) program on July 24-26, 2012  
(Santa Barbara, CA)

## **STATISTICAL PROGRAMS**

STATA, SPSS, CMA, Atlas.ti, and Dedoose

## **STATISTICAL SKILLS**

Applied Regressions, Structural Equation Models (SEM), Hierarchical Linear Model (HLM),  
Regression Discontinuity (RD), RD with Multiple Rating-Score Variables