

# NAMI SHIN

University of California, Los Angeles

National Center for Research on Evaluation, Standards, and Student Testing (CRESST)

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## EMPLOYMENT

- 2016 – present     Research Scientist at UCLA/CRESST
- 2016 – present     Part-time faculty at Charter College of Education, California State University, Los Angeles
- 2015 – 2016        Senior Statistician at UCLA/CRESST
- 2013 – 2015        Graduate Student Researcher at UCLA/CRESST
- 2010 – 2015        Graduate Student Researcher to Professors Noreen Webb and Megan Franke, UCLA
- 2008 – 2010        Graduate Student Researcher to Professor Anne Hafner, California State University, Los Angeles
- 2004 – 2007        Teacher, Noil Middle School, Seoul, South Korea

## EDUCATION

**Ph. D., Education, Social Research Methodology Division**, September 2015

University of California, Los Angeles

Dissertation: *The Effects of English Language Learner Classification on Students' Later Educational Experiences and Academic Achievement*

Committee Chair: Dr. Noreen Webb

Committee Members: Dr. Michael Seltzer, Dr. Alison Bailey, Dr. Meredith Phillips

**M.A., Education with an emphasis in Research and Evaluation**, June 2010

California State University, Los Angeles

**M.A., TESOL (Teaching English to Speakers of Other Languages)**, June 2010

California State University, Los Angeles

**M.Ed., English Education**, February 2007

Ewha Womans University (Seoul, Korea)

**B.A., English Education**, February 2004

Ewha Womans University (Seoul, Korea)

**Exchange Student**, August 2002 to May 2003

Wilson College (Chambersburg, PA)

## RESEARCH & TEACHING INTERESTS

Quantitative research methods; educational policies, programs, and interventions for English language learners; quasi-experimental methods and longitudinal data analysis; causal inference; the validity and reliability of tests for English language learners

## RESEARCH EXPERIENCE

### Research Scientist, March 2016 to Present

UCLA National Center for Research on Evaluation, Standards & Student Testing (CRESST)

*The English Language Proficiency Assessment for the 21st Century (ELPA21)*, May 2017 to present

- Conduct psychometric and statistical analysis and write reports on the analysis
- Lead research projects

*Smarter Balanced Assessment Consortium (SBAC)*, September 2015 to June 2017

- Conduct psychometric and statistical analysis and write reports on the analysis
- Lead research projects

*Evaluation of the Utah Item Pool and Adaptive Algorithm*, March to June 2016

- Conduct psychometric and statistical analysis and write reports on the analysis

### Senior Statistician, September 2015-March 2016

UCLA National Center for Research on Evaluation, Standards & Student Testing (CRESST)

*Smarter Balanced Assessment Consortium (SBAC)*, September 2015 to June 2017

- Conduct psychometric and statistical analysis and write reports on the analysis

### Graduate Student Researcher, December 2008- August 2015

UCLA National Center for Research on Evaluation, Standards & Student Testing (CRESST)

*Smarter Balanced Assessment Consortium*, March to August 2015

- Conduct quantitative data analysis and write reports on the analysis

*Evaluation of Mobilizing for Innovative Computer Science Teaching and Learning (MOBILIZE)*, September 2013 to June 2014

- Conduct quantitative data analysis and write reports on the analysis

*Evaluation of Magnet Schools Assistance Program (MSAP)*, January 2013 to June 2014

- Conduct quantitative data analysis and write reports on the analysis

Graduate School of Education and Information Studies, University of California, Los Angeles

*Improving Mathematics Achievement Through Active Student Participation in Mathematics Classrooms (Principal Investigators: Professors Noreen Webb and Megan Franke)*, June 2010 to June 2013

- Code video data of classroom interactions and analyze the data

California State University, Los Angeles

***Preparing for WASC (Western Association of Schools and Colleges) evaluation of California State University, Los Angeles (Supervisor: Professor Anne Hafner), December 2008 to August 2010***

- Conduct quantitative and qualitative data analysis and write reports on the analysis

## TEACHING EXPERIENCE

**California State University, Los Angeles**

- EDFN4520: Statistics in Education (Spring 2016, Fall 2016, Spring 2017)
- EDFN6020: Research Methodologies for Urban Educational Leadership (Fall 2017)

**Noil Middle School, Seoul Metropolitan Office of Education in Korea**

- Teach English as a second language (2004 to 2007)

## PUBLICATIONS

### Journal Articles

**Shin, N.** (in press). The effects of the initial English language learner classification on students' later academic outcomes. *Educational Evaluation and Policy Analysis*.

Franke, M. L., Turrou, A.C., Webb, N.M., Ing, M., Wong, J., **Shin, N.**, & Fernandez, C. (2015). Student engagement with others' mathematical ideas. *The Elementary School Journal*, 116(1), 126-148.

Ing, M., Webb, N. M., Franke, M. L., Turrou, A. C., Wong, J., **Shin, N.**, & Fernandez, C. (2015). Student participation in elementary mathematics classrooms: The missing link between teacher practices and student achievement? *Educational Studies in Mathematics*, 90(1).

Webb, N. M., Franke, M. L., Ing, M., Wong, J., Fernandez, C.H., **Shin, N.**, & Turrou, A. C. (2014). Engaging with others' mathematical ideas: Interrelationships among student participation, teachers' instructional practices, and learning. *International Journal of Educational Research*, 63, 79-93.

### Working Papers

Shin, N. (in preparation). The effects of test-based English language learner classification criteria on academic achievement.

Shin, N. (in preparation). Stuck in the middle: Examination of English learners with "Intermediate" English proficiency.

Shin, N. (in preparation). Initial English proficiency level and long-term English learners.

## CONFERENCE PRESENTATIONS

Shin, N. (2017, April). *The effects of test-based English language learner classification criteria on academic achievement*. Paper presented at the annual meeting of the National Council on

Measurement in Education, San Antonio, TX.

Shin, N. (2016, April). *A longitudinal analysis of long-term English language learners' academic performance and educational experiences*. Paper presented at the annual meeting of the American Educational Research Association, Washington, D.C.

**Shin, N.**, Hansen, M., & Cai, L. (2016, April). *Comparability study of computer-based and paper-based tests for English language learners*. Paper presented at the annual meeting of the National Council on Measurement in Education, Washington, D.C.

Shin, N. (2015, April). *The Effects of English Language Learner Classification on Students' Educational Experience and Later Academic Achievement*. Paper presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL. (Oral Presentation)

Shin, N. (2014, April). *The Effects of Afterschool Program on English Language Learners' Academic Achievement: Hierarchical Linear Modeling Approach*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA. (Poster Presentation)

**Shin, N.**, Ing, M.M., & Webb, M.N., Franke, L.M., Turrou, A.G., Wong, J., & Hernandez, C. (2014, April). *Measuring Classroom Contexts That Support Student Participation and Learning: Applications of Social Network Analysis*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA. (Oral Presentation)

Ing, M.M., Webb, N.M., Franke, M.L., Turrou, A.C., Wong, J., **Shin, N.**, & Fernandez, C.H. (2014, April). *How Student Participation Mediates the Relationship Between Teacher Practices and Student Achievement*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA. (Oral Presentation)

Lee, M., & **Shin, N.** (2013, April). *Analysis of Differential Item Functioning of English Language Learners and English Only Students using Multi-level Models*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA. (Poster Presentation)

Fernandez, C., Franke, M., Ing, M., **Shin, N.**, Turrou, A., Webb, N., & Wong, J. (2013, April). *The Teacher's Role in Promoting Productive Student Dialogue in Elementary Mathematics Classrooms*. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA. (Oral Presentation)

Shin, N. (2012, April). *Generalizability Analyses of Postsecondary Students' Needs Analysis Survey of Academic Language Skills*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada. (Oral Presentation)

Webb, N., Franke, M., Ing, M., Turrou, A., **Shin, N.**, Fernandez, C., Monroe, S., & Wong, J. (2012, April). *Facilitating Productive Student Dialogue in Mathematics Classrooms*. Paper presented at the

annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada. (Oral Presentation)

Webb, N., Franke, M., Ing, M., Turrou, A., **Shin, N.**, Fernandez, C., Monroe, S., & Wong, J. (2012, April). *Beyond the Transcript: Towards Innovative Methods for Video-Based Analysis of Classroom Interaction*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada. (Oral Presentation)

Hafner, A., & **Shin, N.** (2010, April). *Evaluating Value Added in Learning Outcomes in Higher Education using the Collegiate Learning Assessment*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO. (Poster Presentation)

**Shin, N.**, Kato, N., & Wisenhunt, M. (2010, March). *Needs Assessment of Native and Non-Native TESOL Graduate Students*. Paper presented at the annual meeting of Teachers of English to Speakers of Other Languages (TESOL), Boston, MA. (Oral Presentation)

## RESEARCH GRANTS

Co-Principal Investigator (Under Review). Institute of Education Sciences (IES). *Examining Long-term English Learners' Performance in English Language Proficiency Assessments*. \$595,309.

Principal Investigator. (2014-2015). University of California Los Angeles Graduate Programs Dissertation Year Fellowship. *The Effects of English Language Learner Classification on Students' Later Educational Experiences and Academic Achievement*. \$20,000 plus standard tuition and fees.

## FELLOWSHIPS AND AWARDS

**Dissertation Year Fellowship**, 2014-2015  
University of California, Los Angeles

**Graduate Division Fellowship**, 2010-2014  
University of California, Los Angeles

**Ewha Alumni Scholarship**, December 2001  
Ewha Womans University (Seoul, Korea)

**Dean's List**, December 2002 – May 2003  
Wilson College (Chambersburg, PA)

**The James Applegate Academic Award**, April 2003  
Wilson College (Chambersburg, PA)

## PROFESSIONAL AFFILIATIONS

Member, American Educational Research Association

Member, National Council on Measurement in Education  
Member, Teachers of English to Speakers of Other Languages

**CERTIFICATE**

Secondary Teacher Certificate for English granted by the Korean Ministry of Education

**LANGUAGES**

Native in Korean; Fluent in English