

# 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

- EDFN6020: Research Methodologies for Urban Educational Leadership (Fall 2018, Fall 2017)
- EDFN5000: Research Methodologies (Spring 2018)
- EDFN4520: Statistics in Education (Spring 2017, Fall 2016, Spring 2016)

Noil Middle School, Seoul Metropolitan Office of Education in Korea

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

## PUBLICATIONS

### Journal Articles

Shin, N. (2018). The effects of the initial English language learner classification on students' later academic outcomes. *Educational Evaluation and Policy Analysis, 40*(2). 175-195.

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 and Submissions

Shin, N. (under review). Stuck in the middle: Examination of Long-term English Learners. *International Multilingual Research Journal*.

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

**Shin, N.**, Keum, E., & Hansen, M. (in preparation). Length of practice session and performance on a computer-based English language proficiency screener.

Sato, E., **Shin, N.**, McCoy, M., Ho, M. (in preparation). Assessing English learners (ELs) and

ELs with disabilities: A framework for fairness and validity in a test of English language proficiency.

## CONFERENCE PRESENTATIONS

Shin, N. (2018, April). Long-term English learners' performance on English language proficiency tests and content assessments. Paper presented at the annual meeting of the National Council on Measurement in Education, New York City, NY.

Shin, N. (2018, April). Psychometric perspectives on fairness in English language proficiency assessments. Paper presented at the annual meeting of the National Council on Measurement in Education, New York City, NY.

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). *Long-term English Learners' Performance: In-depth Examination of Assessments and District-Level Factors* (PI: Li Cai). \$1,400,000.

Co-Principal Investigator (Submitted August 2017; Unfunded). Institute of Education Sciences (IES). *Examining Long-term English Learners' Performance in English Language Proficiency Assessments* (PI: Li Cai). \$595,309.

Principal Investigator. (2014-2015; Funded). 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

## **MEDIA COVERAGE OF RESEARCH**

November 9, 2017. *Education Week*. Does English-Language-Learner Classification Help or Hinder Students?