

Yi Shang

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Curriculum Vitae**Education:**

- Ph.D. Educational Research, Measurement, and Evaluation
Thesis: Measuring Student Growth with the Conditional Growth Chart Method
Thesis Advisor: Dr. Henry Braun
Boston College, December 2009
- M.A. Statistics
Department of Mathematics and Statistics
Boston University, January 2009
- M.A. Counseling Psychology
Boston College, May 2003
- B.A. English Language and Literature
Beijing (Peking) University, Beijing, China, June 2000

Publications**Refereed Articles**

- Shang, Y., VanIwaarden, A., & Betebenner, D. W. (2015). Covariate measurement error correction for Student Growth Percentiles using the SIMEX method. *Educational Measurement: Issues and Practice*, 34(1), 4-15.
- Roskos, K., Burstein, K., Shang, Y., & Gray, E. (2013). Young children's engagement with e-books at school: Does device matter? *Sage Open*. DOI: 10.1177/2158244013517244
- Shang, Y. (2012). Measurement error adjustment using the SIMEX method: An application to student growth percentiles. *Journal of Educational Measurement*, 49(4), 446-465.
- Betebenner, D. W., Shang, Y., Xiang, Y., Zhao, Y., & Yue, X. (2008). The impact of performance level misclassification on the accuracy and precision of percent at performance level measures. *Journal of Educational Measurement*, 45(2), 119-137.

Buckley, J., Schneider, M., & Shang, Y. (2005). Fix it and they might stay: The effect of facilities quality on teacher retention in urban school districts." *Teachers College Record*, 107(5).

Buckley, J., & Shang, Y. (2003). Estimating policy and program effects with observational data: The differences-in-differences estimator" *Practical Assessment, Research, and Evaluation*, 8(4).

Published Software

Betebenner, D., VanIwaarden, A., Domingue B., and Shang, Y. (2014). SGP: An R Package for the Calculation and Visualization of Student Growth Percentiles & Percentile Growth Trajectories. URL <http://cran.r-project.org/web/packages/SGP/index.html>

Reports and Papers

Buckley, J., Schneider, M., & Shang, Y. (2004). LAUSD school facilities and academic performance. National Clearinghouse for Educational Facilities. <http://www.edfacilities.org/pubs/LAUSD%20Report.pdf>

Buckley, J., Schneider, M., & Shang, Y. (2004). Are charter school students harder to educate? evidence from Washington, D.C. National Center for the Study of Privatization in Education, Occasional Paper Series, No. 96, Teachers College, Columbia University, New York.

Book Review

Shang, Y. (2011). University autonomy and the state—the official story. [Review for *University Autonomy, the State, and Social Change in China* (Author: Su-Yan Pan) Hong Kong: Hong Kong University Press, 2009 ~ 264 pp.] *Asia Policy*, 11, 165-68.

Presentations

Shang, Y., VanIwaarden, A., & Betebenner, D. W. (2014). Covariate measurement error correction for Student Growth Percentiles using the SIMEX method. Paper presented at the 2014 annual meeting of the National Council on Measurement in Education (NCME) in Philadelphia, PA on April 4, 2014.

Youn, T.I.K., Shang, Y., & Rhodes, A. (2013). The changing landscape of civic life of the best and the brightest in the American democracy. Paper presented at the 2013 annual meeting of American Sociological Association in New York, NY on Aug. 12, 2013.

Youn, T., Arnold, K. D., & Shang, Y. (2012). Of unequal advantages in the American meritocracy: Baccalaureate education and leadership attainment among the best and the brightest. Paper presented at the 2012 annual conference of The Association for the Study of Higher Education (ASHE) in Las Vegas, NE, on Nov. 16, 2012.

Shang, Y. (2010). Correcting for bias induced by measurement errors in growth model—the SIMEX method. Paper presented at the 2010 annual conference of American Educational Research Association (AERA) in Denver, CO.

Betebenner, D. W., & Shang, Y. (2008). On defining a year's growth. Paper presented at the 2008 annual conference of American Educational Research Association (AERA) in New York, NY.

Betebenner, D. W., & Shang, Y. (2007). Educational growth charts: A means for communicating change.” Paper presented as part of the symposium *Merging Growth with Accountability: Conceptualization, Implementation, and Consequences* at the 2007 annual conference of AERA in Chicago, IL.

Shang, Y. (2004). Measuring the Chinese people’s sexual attitude—A Rasch model application. Paper presented at the Annual Meeting of the New England Educational Research Organization, Portsmouth, NH, April 2004.

Professional Services:

Reviewer, *The American Statistician*, (2014).

Reviewer, *Journal of Educational and Behavioral Statistics*, (2014).

Reviewer, *Mid-Western Educational Researcher*, (2013).

Reviewer, *Economics of Education Review*, (2012).

Reviewer, the American Educational Research Association (AERA) Division D (Division of Measurement and Research Methodology) Graduate Student In-progress Research Gala, (2011-2012).

Reviewer, *Educational Measurement: Issues and Practice*, (2007- 2008).

Honors and Awards:

Dissertation Fellowship, Lynch School of Education, Boston College, September 2007

Donald J. White Teaching Excellence Award, Boston College, April 2007

Passed Doctoral Comprehensive Exams with Distinction, Boston College, August 2006

Outstanding Graduate Student, Boston College, April 2004

Teaching Experience:

John Carroll University, Department of Education and School Psychology

Associate Professor (09/2015—)

Courses: *Research Methods; Introductory Statistics; Tests and Measurements; Assessment, Learning, and Individual Differences; Making Sense of Data*

Assistant Professor (01/2010—05/2015)

Courses: *Research Methods; Introductory Statistics; Tests and Measurements; Assessment, Learning, and Individual Differences; Introduction to Education; Logic of Inquiry*

Instructor (09/01/2009—12/31/2009)

Courses: *Research Methods; Tests and Measurement*

Boston College, Lynch Graduate School of Education

Adjunct Lecturer (01/01/09—05/31/09)

Course: *Multivariate Statistical Analysis*

Teaching Assistant (09/01/2004—12/31/2006)

Courses: *Introductory Statistics; Intermediate Statistics; General Linear Models*

University of Massachusetts at Amherst, Department of Comparative Literature

Teaching Assistant (09/01/2000—5/31/2001)

Courses: *International Short Story; Folk Tales and Children's Literature*

Research Experience:

Boston College, Department of Educational Research, Measurement, and Evaluation

Research Assistant (09/01/2003-06/30/2009)

Boston College, Department of Counseling Psychology

Research Assistant (09/01/2001—05/31/2002)

Other Working Experience:

The Schiff Community Day Treatment Center, Cambridge, MA

Mental Health Intern (09/01/2002—08/31/2003)

Statistical Software: R, STATA, SPSS, Winsteps, WinBUGS, BILOG, MULTILOG

Professional Affiliations:

National Council on Measurement in Education