

Yi Shang
2640 University Blvd Suite 203
University Heights, OH 44118
(216) 397-4767
yshang@jcu.edu

Department of Education and Allied Studies
AD 313
John Carroll University
20700 North Park Blvd
Univeristy Heights, OH 44118

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. (2012). Measurement error adjustment using the SIMEX method: An application to student growth percentiles. *Journal of Educational Measurement*, 49(4), 1-20.
- Betebner, 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).

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.

Presentation

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 will be 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 was presented at the 2010 annual conference of American Educational Research Association (AERA) in Denver, CO.

Betebner, 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.

Betebner, 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. Presented at the Annual Meeting of the New England Educational Research Organization, Portsmouth, NH, April 2004.

Other Professional Services:

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, (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

Dean's Award, Lynch Graduate School of Education, Boston College, April 2002

Teaching Experience:

John Carroll University, Department of Education and Allied Studies

Assistant Professor, (01/01/2010--)

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,

Course: *Multivariate Statistical Analysis* (01/01/09—05/31/09)

Teaching Assistant,

Courses Taught:

Introductory Statistics (09/01/2006—12/31/2006)

Intermediate Statistics (09/01/2005—12/31/2005; 01/01/2006—05/31/2006; 01/01/2007—05/31/2007)

General Linear Models (09/01/2004—12/31/2004)

Responsibilities included:

Gave weekly short lectures on conducting statistical analysis with software such as R and SPSS; wrote and graded assignments; held weekly office hours.

University of Massachusetts at Amherst, Department of Comparative Literature

Teaching Assistant

Courses Taught:

Folk Tales and Children's Literature (01/01/2001—05/31/2001)

International Short Story (09/01/2000—12/31/2000)

Responsibilities: *Taught weekly discussion sessions; held office hours; wrote and graded quizzes, papers, and exams*

Research Experience:

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

Research Assistant

Major projects include:

- *Program evaluation for Boston Connect, a project with multi-million dollar grant that brings comprehensive student intervention to a cluster of Boston Public Schools.* Supervisor: Dr. Mary Walsh (06/01/2008—12/31/2008; 01/01/2009—05/31/2009; 06/01/2009—06/30/2009)
- *Analyzed large-scale assessment data of the state accountability system of Colorado.* Supervisor: Dr. Damian Betebenner (06/01/2006—08/31/2006; 09/01/2006—05/31/2007)
- *Survey analysis of US Rhodes Scholars exploring the relationships between higher education, cultural and social capitals, and life satisfaction and success.* Supervisor: Dr. Ted Youn (09/01/2005—05/31/2006)
- *Research on socio-economic status and academic performance of students in charter schools and the effect of school facility on students and teachers.* Supervisor: Dr. Jack Buckley (09/01/2003—05/31/2004; 09/01/2004—12/31/2004; 01/01/2005—05/31/2005)

Boston College, Department of Counseling Psychology

Research Assistant

Research on school psychology and on mental health service in public schools

Supervisor: Dr. Mary Walsh (09/01/2001—05/31/2002)

Other Working Experience:

The Schiff Community Day Treatment Center, Cambridge, MA

Mental Health Intern

Conducted weekly individual therapies and group therapies for Schizophrenia patients, and managed case coordination

Supervisor: Tom Dallamora (09/01/2002—08/31/2003)

Statistical Softwares: R, STATA, SPSS, Winsteps, WinBUGS, BILOG, MULTLOG

Professional Affiliations:

American Educational Research Association