

Marjorie W. Schaeffer

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EDUCATION

University of Chicago, Chicago, IL 2013- Present
Ph.D. Student in Developmental Psychology
Advisor: Sian Beilock, Ph.D.

Wellesley College, Wellesley, MA 2005—2009
B.A. in Psychology with honors, minor in education studies
Cum laude, Advisor: Beth Hennessey, Ph.D.
Thesis: *Effects of High Stakes Testing on Elementary School Students' Anxiety Levels.*

RESEARCH INTERESTS

My research interests lie at the intersection of cognitive and developmental psychology and education. I explore the cognitive and social factors that influence performance in schools. In particular I focus on the influence of parents and teachers on children's numerical competency, anxiety, and stereotype endorsement.

PUBLICATIONS & BOOK CHAPTERS * indicates authors contributed equally to the manuscript

Park, D.*, **Schaeffer, M. W.***, Nolla, K., Levine, S. C., & Beilock, S. L. (in press). How do generic statements impact performance? Evidence for entity beliefs. *Developmental Science*.

Beilock, S.L., **Schaeffer, M.W.**, & Rozek, C.S. (2016). Understanding and Addressing Performance Anxiety. In A.J. Elliot, C.S. Dweck, & D.S. Yeager (Eds.), *Handbook of Competence and Motivation (2nd Edition): Theory and Application*. Guilford Press.

Berkowitz, T., **Schaeffer, M. W.**, Rozek, C. S., Maloney, E. A., Levine, S. C., & Beilock, S. L. (2016). Response to Comment on "Math at home adds up to achievement in school". *Science*, 351(6278), 1161-1161.

Berkowitz, T.*, **Schaeffer, M. W.***, Maloney, E. A., Peterson, L., Gregor, C., Levine, S. C., & Beilock, S. L. (2015). Math at home adds up to achievement in school. *Science*, 350(6257), 196-198.

Maloney, E. A., **Schaeffer, M. W.**, & Beilock, S. L. (2013). Mathematics anxiety and stereotype threat: Shared mechanisms, negative consequences, and promising interventions. *Research in Mathematics Education*.

SELECTED CONFERENCE PRESENTATIONS

Schaeffer, M.W. (2015). Bedtime Learning Together: Can an app improve children's math knowledge? Symposium talk presented at the Annual inter-Science of Learning Centers Conference, San Diego, CA.

Schaeffer, M.W. (2013). Teachers' Efficacy Beliefs Relates to Children's Math Learning When Controlling for

Math Anxiety. Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, Illinois.

SELECTED CONFERENCE POSTER PRESENTATIONS

- Berkowitz, T., **Schaeffer, M.**, Rozek, C., Levine, S.C., & Beilock, S.L. (2016). Bedtime Learning Together: Boosting children's math achievement through bedtime math. Poster presented at the Education and Inequality in 21st Century America Conference, Palo Alto, CA.
- Fine, R.D., Rozek, C.S., Maloney, E., **Schaeffer, M.W.**, Ramirez, G., Beilock, S.L., & Levine, S.C. (2016). Socioeconomic Status Moderates the Relation Between Parents' Math Anxiety and Their Math Expectations for Their Children. Poster presented at the Association for Psychological Science annual conference, Chicago, IL.
- Schaeffer, M.**, Berkowitz, T., Levine, S., & Beilock, S. (2015) Bedtime Learning Together: Boosting Children's Math Achievement by Doing Bedtime Math. Poster presented at the 56th annual meeting of the Psychonomics Society in Chicago, IL.
- Fine, R., **Schaeffer, M.**, Maloney, E., Ramirez, R., Beilock, S.L., & Levine, S.C. (2015) Differences in Pedagogy between High and Low Math Anxious Teachers and Subsequent Student Performanc. Poster presented at the Ninth Biennial Meeting of the Cognitive Development Society in Columbus, OH.
- Berkowitz, T., **Schaeffer, M.**, Beilock, S., & Levine, S. (2015) Bedtime Learning Together: Boosting Children's Math Achievement by Doing Bedtime Math (2015). Poster presented at the Ninth Biennial Meeting of the Cognitive Development Society in Columbus, OH.
- Schaeffer, M.**, Park, D., Nolla, K., Levine, S. & Beilock, S. (2015) Understanding the Mechanism by which Generic Language Impacts Performance. Poster presented at the biennial meeting of the Society for Research on Child Development in Philadelphia, PA.
- Berkowitz, T., **Schaeffer, M.**, Beilock, S. & Levine, S. (2015). Bedtime Learning Together: Exploring the use of technology to support children's math learning and attitudes. (2015). Poster presented at the biennial meeting of the Society for Research on Child Development in Philadelphia, PA.
- Gregor, C., Lyu, J., Berkowitz, T., **Schaeffer, M.**, Beilock, S., & Levine, S. (2015) The impact of app usage on elementary children's math performance. Poster presented at the 87th annual meeting of the Midwestern Psychological Association in Chicago, IL.
- Gregor, C., Lyu, J., **Schaeffer, M.**, Berkowitz, T., Levine, S., & Beilock, S. (2105). The effects of parent math anxiety on their likelihood to engage children with math-related content. Poster presented at the 87th annual meeting of the Midwestern Psychological Association in Chicago, IL.
- Owens, W. L., **Schaeffer, M. W.**, Park, D., Gunderson, E.A., Levine, S. C., & Beilock, S. L. (2012). Children's domain-specific theories of intelligence relate to domain-specific academic anxieties. Poster presented at the Association for Psychological Science, Chicago, IL.
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GRANTS AND AWARDS

Norman Anderson Research Award, The University of Chicago	2015, 2016
Successful Pathways from School to Work grant—\$50,000	2014-2016
National Science Foundation Pre-Doctoral Fellowship-Honorable Mention	2014
Summer Research Award—Wellesley College	2008—2009
Undergraduate Research Award—Wellesley Center for Women	2007—2008
First Year Academic Distinction—Wellesley College	2006—2007

RESEARCH EXPERIENCE

Human Performance Lab at University of Chicago, Chicago, IL August 2011—September 2013
Research Assistant for Professor Sian Beilock

- Liaison between the lab and numerous teachers and principals in public and private schools
- Recruited over 70 teachers and 700 children for a study examining the effect of teachers' math anxiety on first and second graders.
- Administered standardized and unstandardized assessments of math achievement and attitudes to children
- Scheduled and managed seven part time research assistants.

Political Science Department, Wellesley College, Wellesley, MA June 2008—May 2009
Research Assistant for Professor Hahrie Han

- Recruited participants for research interviews
- Scheduled and conducted 58 interviews with civically involved individuals
- Transcribed interviews and analyzed transcripts to find emerging trends
- Research was used in *Moved to Action: Motivation, Participation and Inequality in American Politics* by Hahrie Han, Stanford University Press.

Wellesley Centers for Women, Wellesley, MA September 2008—August 2009
Research Assistant for Georgia Hall and Recipient of Undergraduate Research Award

- Administered the Peabody Picture Vocabulary Test (PPVT) and the Expressive Vocabulary Test (EVT) to 125 children at four different research sites.
- Scored, coded and analyzed data using SPSS to evaluate FasTracKids, an international after-school enrichment program.

Feminist Majority, Arlington, VA June 2007—July 2008
Summer Intern

- Researched the effect of recent changes to Title IV on access to sports and academic research grants for women and girls.
- Collected research from multiple online databases, analyzed relevant data using STATA, and wrote related abstracts.

TEACHING EXPERIENCE

Teach For America, Saint Louis, MO August 2009—June 2011
5th Grade Teacher, Larimore Elementary

- Taught 68 students in four different subjects.
 - Worked within district, state and federal requirements to prepare students for state assessment.
 - Tracked student growth using eValue by Edison Learning.
- Kindergarten Teacher, Confluence Academy—South City,*
- Taught 25 students full kindergarten curriculum.
 - Tracked student academic growth using DIBELS, NWEA and self-created assessments.

- Students showed an average of 2.0 years growth in reading and 1.5 years growth in math as measured by the NWEA.

Benchmark School, Media, PA

June 2005—August

Teaching Assistant

- Assisted with two classes of nine students with language based learning disabilities.
- Worked on reading and writing skills, especially using “key words” to decode unknown words and writing about the elements of a story.
- Marked papers and made recommendations for admission to school.

SERVICE

Psychology Graduate Students Organization, Chicago IL

September 2013—Present

Member, Travel and Research Committee

Chicago Wellesley Club, Chicago, IL

June 2011—June 2013

Co-Vice President of Community Service

Students for Reproductive Rights, Wellesley College

September 2008—June 2009

President

Wellesley Words on Wheels, Framingham School District

September 2007—June 2009

Coordinator and Reading Tutor

MEMBERSHIP/ ASSOCIATION

Association for Psychology Science

Cognitive Development Society

Society for Research in Child Development

Sigma Xi

Psi Chi