

Education

M.A. in Curriculum and Teacher Education, Stanford University, Stanford, California: June 2002
B.A. in Mathematics, Brown University, Providence, Rhode Island: May 1999
B.A. in English & American Literature, Brown University, Providence, Rhode Island: May 1999
Honors Thesis in Creative Writing

Professional Experience

2006-present

Program Director; *Math for America; New York, NY*

·Oversee all aspects of teacher training and induction program including marketing, recruitment, screening and selection, relationships with the NYC Department of Education (NYC DOE), mentoring, and professional development programs. Manage a program budget in excess of \$7 million. Supervise a full-time program staff of 5 while overseeing 5 teacher advisors providing school-based support to newly inducted teachers. Work with partner universities on pre-service training. Develop partnerships with local and national entities including school principals, NYC DOE officials, the National Board for Professional Teaching Standards, the New Teacher Center, Achievement First, Uncommon Schools, and the Park City Math Institute (PCMI). Work with third party evaluators (including the National Science Foundation) on the design and implementation of program evaluation. Prepare quarterly board and end-of-year programmatic reports.

2005-2006

Program Manager; *Math for America; New York, NY*

·Designed and coordinated professional development activities for newly inducted and pre-service mathematics teachers. Conducted site visits at mathematics classrooms in public schools around New York City. Provided school-based instructional support.

2002- 2005

Middle and Upper School Teacher; *Nightingale Bamford School; New York, NY*

·Taught mathematics, including AP Calculus AB, calculus, pre-calculus, pre-algebra, algebra, and geometry. Taught all grades from Grade 5 to Grade 12. Incorporated technology including TI-83/84 Graphing Calculators and The Geometer's Sketchpad at all levels.

1999- 2001

Middle and Upper School Teacher; *Lincoln School; Providence, RI*

·Taught mathematics, English and computer science.

1998- 1999

Teaching Assistant; *Brown University Department of Mathematics*

·Ran weekly section for a calculus course.

Curriculum Development Experience

2006

AP Calculus; *The Princeton Review; New York, NY*

·Developed curriculum materials for two 16 week courses to help students prepare for the AP Calculus AB and BC exams. Trained The Princeton Review tutors in curriculum implementation.

2003

Problem Solving Curriculum; *Nightingale Bamford School; New York, NY*

·Developed curriculum materials for pre-calculus and algebra classes, including dynamic applications for The Geometer's Sketchpad, to help introduce calculus concepts in problem solving situations.

2002

Zoo Space; *Gir's' Middle School; Mountain View, CA*

·Coauthored collaborative mathematics and science based curriculum for use by the Girls' Middle School and the San Francisco Zoo. Zoo Space required sixth and seventh grade students to design enclosures for animals based on the biological, economic, and physical constraints of the space.

2001

Systems Dynamics Curriculum; *Lincoln School; Providence, RI*

·Designed a course for senior students focusing on an introduction to Computer Science and basic programming in a C++ environment.

Editorial Experience

2005-2006

Editor; *The Princeton Review; New York, NY*

·Created test items and edited AP Calculus AB and BC exams for the *12 Practice Tests for the AP Exams* book.

2004

Freelance Editor; *Anaxos*

·Edited mathematics content of a review text for the CLEP College Mathematics examination.

Jonathan D. Schweig

Grants and Conference Presentations

- March 2008 **Panelist; AERA 2008 Annual Meeting; New York, NY**
·Facing Challenges of Instructional Improvement through Teacher Education
- March 2008 **Co-Presenter; Institute for Mathematics and Education, University of Arizona, Tucson AZ:**
·Secondary Teacher Preparation in Mathematics
- February 2008 **Lead Presenter; PTEC 2008 Conference on the Preparation of Physics and Physical Science Teachers; Austin, TX**
·Creating and maintaining a community of mathematics teachers in New York City
- February 2008 **Lead Presenter; New Teacher Center Symposium; San Jose, CA**
·Mentoring Mathematics Teachers: New Teacher Induction and the Math for America Fellowship Program
- January 2008 **Professional Development and Outreach Group Grant; Park City Math Institute; Park City, UT**
·Successfully applied for a grant to develop a Professional Development and Outreach (PDO)Group in New York City. This group offers professional development opportunities for secondary school teachers in New York City, and is co-facilitated by a mathematician and a math education specialist. (www.mathforamerica.org/outreach)
- January 2008 **Curriculum Development Grant; Curriki**
· Successfully applied for a grant to assemble a cohort of teachers to develop online, open source curricula for Algebra and Geometry courses compliant with New York State Content Standards.
- May 2007 **Co-presenter; Critical Issues in Education Workshop: Teaching Teachers Mathematics, MSRI, Berkeley, CA**
·MfA: A replicable NYC program

Select Professional Activities

- 2009 **Institute for Advanced Study Park City Math Institute; Park City, UT**
· Designing and Developing Professional Development program. Weeklong summer program for mathematicians, university math educators, and mathematics supervisors responsible for planning and implementing professional development activities for secondary school math teachers.
- 2007 **NCTM Annual Meeting; Salt Lake City, UT**
- 2006 **Critical Issues in Education Workshop; MSRI; Berkeley, CA**
- 2006 **New Teacher Center Symposium; San Jose, CA**
·Attended multi-day conference on best practices in mentoring and new teacher induction.
- 2005 **Educational Entrepreneurship Conference; American Enterprise Institute; Washington, DC**
·Day-long conference on public-private partnerships and the role of entrepreneurship in educational policy
- 2003 **Columbia University Math Educator's Roundtable; Columbia University, New York, NY**
·Attended multi-part conference involving university mathematics professors and high school educators to discuss how to better align math objectives at the high school and college level.
- 2003 **Anja S. Greer Mathematics and Science Conference; Phillips Exeter Academy; Exeter, NH**
·Attended week-long intensive workshops: Calculus in Motion and Calculus before Calculus.
- 2002 **AP Calculus Conference; Baruch College; New York, NY**
·Attended conference with AP Calculus educators to discuss test topics and best practices.
- 2002 **Key Curriculum Press Workshop; The Chapin School; New York, NY**
·Intensive workshop on *The Geometer's Sketchpad* software.

Hobbies and Skills

Juggling, long distance running, crossword puzzles.