

# ANNE S. BURGUNDER

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## ACADEMIC BACKGROUND

UNIVERSITY OF PLYMOUTH, UK, Centre for Teaching Mathematics, *PhD expected* 2012

PRINCETON UNIVERSITY, Princeton, New Jersey. *Coursework in Fractals and Chaos*, 1994-1995

RUTGERS UNIVERSITY, New Brunswick, New Jersey. *Coursework in Discrete Mathematics*, 1994-1995

BANK STREET COLLEGE, New York, New York. *Master of Science in Education*, 1993

DUQUESNE UNIVERSITY, Pittsburgh, Pennsylvania. *Bachelor of Science in Education*, 1987

## RESEARCH INTERESTS

- The role of visual images in learning mathematics.
- Mathematics representation techniques utilized by students of various achievement groups.
- Alternative algorithms, their effects and uses in helping underachievers.

## TEACHING EXPERIENCE

NYU, STEINHARDT, New York, NY, <i>Secondary Math Education Faculty</i>	2006-present
RAVENSWOOD COLLEGE, Sydney, Australia <i>Mathematics Teacher</i>	2003– 2005
NEW YORK UNIVERSITY, NY, NY. <i>Adjunct Math Education Teacher</i>	2002
HEBREW ACADEMY OF TOLEDO, Toledo, Ohio <i>Pre-algebra / Algebra Teacher</i>	1999 – 2000
OWENS COMMUNITY COLLEGE, Toledo, Ohio <i>Mathematics Teacher</i>	1998 – 1999
CARNEGIE MELLON UNIVERSITY, Pittsburgh, PA <i>C-Mites Math Teacher</i>	1994 – 1997
SHADY SIDE ACADEMY, Pittsburgh, Pennsylvania <i>Mathematics Teacher / Computer Camp Staff / Math Club Coordinator</i>	1988 – 1995

## PROFESSIONAL FIELD WORK

EARLY CAREER PROJECT, University Neighborhood High School, NY,NY  
2008. 2009

*Organize monthly professional development workshops and support for middle and high school teachers in New York City.*

SUPERVISE STUDENT TEACHERS. Schools in Manhattan, Brooklyn and the Bronx,  
2006-present

*Mentor undergraduate and graduate students in teaching mathematics.*

**MATHEMATICS CONSULTING EXPERIENCE**

AUSL Turn Around Schools, Chicago, IL	2010 - 2011
EVANSTON TOWNSHIP HIGH SCHOOL, Evanston, IL	2008-2009
ORANGE PUBLIC SCHOOLS, Orange, NJ	2008-2010
OPPORTUNITY CHARTER SCHOOL, NY, NY	2008-2009
FITCHBURG/LEOMINSTER PUBLIC SCHOOLS, Fitchburg, MA	2007-2008
BOCES, Salamanca, NY	2007
SIDE BY SIDE COMMUNITY SCHOOL, Norwalk, CT	2007
NEW YORK CITY PUBLIC SCHOOLS	2001 - 2003
CATHOLIC DIOCESE OF TOLEDO, Toledo, Ohio	2000 – 2001
NORTH CENTRAL REGIONAL EDUCATION LABORATORY, Chicago, Illinois	
Researcher and writer for the Ohio Math Science Consortium. Evaluation of the condition of math and science education for Grades K-16 in the state of Ohio.	
THE HEBREW ACADEMY OF TOLEDO, Toledo, Ohio	1998 – 2000
<ul style="list-style-type: none"><li>• Developed a curriculum, including all secular studies for a new middle school under a \$500,000 grant from the Partnership for Jewish Education.</li><li>• Oversaw the implementation of the new middle school as Middle School Coordinator.</li></ul>	
THE PINGRY SCHOOL, Short Hills, New Jersey	1996-1997
<ul style="list-style-type: none"><li>• Evaluated curriculum and assisted in the implementation of a peer-coaching model for the enhancement of the classroom environment.</li></ul>	
CARNEGIE MELLON UNIVERSITY, Pittsburgh, Pennsylvania	1995 – 1998
<ul style="list-style-type: none"><li>• Developed and implemented programs for continuous teacher training.</li></ul>	
PITTSBURGH PUBLIC SCHOOLS, Pittsburgh, Pennsylvania	1995 – 1997
<ul style="list-style-type: none"><li>• Provided professional development and teacher mentoring / support for program development.</li></ul>	

## REFERENCES

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#### NAME AND AFFILIATION

**Dr. Brenda Strassfeld**

Faculty  
New York University  
The Steinhardt School of Culture, Education, and Human  
Development  
Department: Teaching & Learning, Math Education

**Dr. Susan Picker**

Secondary Mathematics Specialist with the New York City Department  
of Education

Faculty  
New York University  
Division: The Steinhardt School of Culture, Education, and Human  
Development  
Department: Teaching and Learning

**Dr. Philippa Bragg**

Mathematics Specialist, Department of Teaching and Learning,  
Ravenswood College, New South Wales, Australia

**Dr. Jenny Tap**

Mathematics Specialist, Department of Teaching and Learning,  
Ravenswood College, New South Wales, Australia

#### CONTACT INFORMATION

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More References Will Be Furnished Upon Request