

Division of Educational Studies
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EDUCATION

Ph.D. Candidate, Division of Educational Studies, Emory University, Atlanta, GA. Major field: Mathematics education. Research interests: academic help-seeking, computer science education. Chair: Dr. Frank Pajares. Began program fall 1998. Expected completion: May 2002.

Master of Education, Mathematics Education, Emory University, Atlanta, GA. Professional specialization: High School Mathematics. Master's Thesis: *Academic Help Seeking and Peer Interactions of High School Girls in Computer Science Classes*. May, 2000.

Bachelor of Arts, Mathematics, Drew University, Madison, NJ. Minors: Economics, Sociology. Summa cum laude. Phi Beta Kappa. May, 1998.

TEACHING AND SUPERVISION EXPERIENCE

Graduate Teaching

2000-2002	Supervision of Preservice Teachers, Emory University. Observed and evaluated preservice teachers of English, science, and history. Implemented cooperative individualized improvement program for each individual.
Summer 2000	Computer Applications (EDS 555), Emory. Instructed preservice teachers in creation of effective web sites and PowerPoint presentations.
Spring 2000	Math Curriculum and Instruction: Secondary (EDS 532S), Emory.
Fall 1999	Inferential Statistics I (EDS 553A), Teaching Assistant, Emory.
Summer 1999	Computer Applications (EDS 555), TA, Emory.
Spring 1999	Math Curriculum and Instruction: Secondary (EDS 532S), TA, Emory.

Undergraduate Teaching

Fall 1998	Problem Posing (EDS 190G), TA, Emory University
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High School Teaching

1994-1998	Computer science and mathematics, Marist School, Atlanta, GA. Varsity swimming coach, American Computer Science League team adviser.
1989-1994	Computer science, Choate Rosemary Hall, Wallingford, CT. Varsity water polo coach, varsity diving coach. Advisor: dormitory, yearbook, and Jewish student group.

RELATED JOB EXPERIENCE

- 1999-2002 Residence Hall Director, Emory University. Supervised staff of 21 undergraduates. Responsible for \$3500 programming budget.
- Summer 1999 GRE Mathematics Preparation Instructor, Georgia State University.
- 1988-1989 Software consultant, CSC Partners, NJ. Programmed in COBOL and JCL. Drafted program specifications and installed software systems as part of team.

PROFESSIONAL DEVELOPMENT AND SERVICE

Affiliations

American Educational Research Association, Division C, Computer SIG, 1998-present.
International Society for Technology in Education, 1998-present.
Georgia Educational Research Association, 1998-present.
National Council of Teachers of Mathematics, 1994-present.

Professional Development

Web Page Production Training, Emory University, 1999.
TATTO Teacher Training, Emory, 1999.
Endnote Training, Emory, 1999.
Designing Surveys, American Educational Research Association, Montreal, 1999.

Professional Conferences and Workshops

Spencer Research Training Grant Conference, Research on Practice, Michigan State University, 1999.
Klingenstein Fellowship, Columbia University, 1992.

Statistical, Word Processing, Presentation, and Qualitative software programs

Microsoft Word; WordPerfect; Excel; Lotus 1-2-3; Microsoft PowerPoint; Front Page; Dreamweaver; Ethnograph

Computer Languages

HTML, Visual BASIC, QBASIC, True BASIC, C, C++, Pascal, COBOL, JCL, Assembly Language

HONORS AND AWARDS

Woodruff Scholar, Emory University, 1998-present.
Full Tuition Scholarship, Emory University, 1998-present.
Klingenstein Fellowship, Columbia University, Summer 1992.
Drew Scholar, Drew University, 1984/1988.

PUBLICATIONS

- Oberman, P. (2001). One of my favorite assignments: Tic-tac-toe. *Journal of Computer Science Education*, 14, 34-37.
- Oberman, P. (1999). Visual BASIC: A great place to start. *Journal of Computer Science Education*, 13, 14-17.
- Oberman, P. (1999). One of my favorite assignments: The address book program. *Journal of Computer Science Education*, 13, 6-7.

PRESENTATIONS

- Oberman, P. (2000, April). *Academic help-seeking and peer interactions of high school girls in computer science classes*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans.
- Oberman, P. (1999, October). *Academic help-seeking and peer interactions of high school girls in computer science classes*. Paper presented at the annual meeting of the Georgia Educational Research Association, Atlanta, GA.
- Oberman, P. (1997, October). *How to make programming educational and fun*. Paper presented at the annual meeting of the Georgia Independent School Association, Atlanta, GA.

REFERENCES

- Dr. Frank Pajares, Winship Distinguished Research Professor, Division of Educational Studies, 1784 N. Decatur Rd., Emory Univ., Atlanta, GA 30322. Tel.: (404) 727-1775, email: mpajare@emory.edu
- Dr. Robert Jensen, Associate Professor, Division of Educational Studies, 1784 N. Decatur Rd., Emory Univ, Atlanta, GA 30322. Tel.: (404) 727-0606, email: rjensen@emory.edu
- Dr. Vanessa Siddle Walker, Winship Distinguished Research Professor, Division of Educational Studies, Emory University, Atlanta, GA 30322. Tel.: (404) 727-0609, email: vwalker@emory.edu