

## PAULA R. SLOAN

### Home:

109 Millbrae Lane  
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### Offices:

(919) 660-7737 Duke University

## EDUCATION

- 1971**      **U.C.L.A.**      **Los Angeles, CA**  
▪ M.A. in mathematics. Passed all qualifying examinations for Ph.D. program.
- 1967**      **Harvard University,**      **Cambridge, MA**  
▪ M.A.T. in mathematics. Awarded a Harvard Prize Fellowship.
- 1966**      **C.U.N.Y.,**      **Flushing NY**  
▪ B.A. in mathematics/minor in education. Magna cum laude, Phi Beta Kappa, awarded highest honors in both concentrations.

## CURRENT EMPLOYMENT

- 1993 - present**      **Adjunct Associate Professor of Management**  
**Duke University, Fuqua School of Business,**      **Durham, NC**
- Director of pre-program Math Review for day, and all executive MBA students
  - Member of Admissions Committees for WEMBA and GEMBA Executive MBA programs
- 1994 - 1998**      **Lecturer**  
**Meredith College, Department of Mathematics,**      **Raleigh, NC**
- Teaching undergraduate mathematics courses

## PAST TEACHING EXPERIENCE

- 1988-93**      **Associate Professor of the Practice of Mathematics in Management**  
**Vanderbilt University, Owen Graduate School of Management,**      **Nashville, TN**
- Directed all mathematics testing, review and training programs for 400 day-time and 100 executive MBA students.
  - Restructured "Math for Managers" course required for all first-year MBA students to ensure its relevance to other MBA courses and to accommodate students' varied competency levels.
  - Created "Executive MBA Math Review" comprised of diagnostic testing, individualized review, and an intense weekend of math with a business focus. Math Review has been a critical marketing, admission, and retention tool serving executive students.
  - Assisted Director of MBA Program and Director of Executive MBA Program by advising applicants on remedial work in quantitative skills and by interviewing selected students to assess their readiness for MBA study.



1987 "Executive MBA Programs: A Guide Through the Maze," Personnel Administrator, October 1987, pp. 88-98 (with Lynda Phillips-Madson).

### **Book Review:**

1988 Succeed with Math: Every Student's Guide to Overcoming Math Anxiety. Shelia Tobias, in Woman's VU, November 1988.

### **WORK IN PROGRESS**

1989 "Re-entry Math for Adults in Transition".

### **PRESENTATIONS AND OTHER PROFESSIONAL ACTIVITIES**

1997 "Math Mentoring--A Bride to High School," presentation at the Southeastern Section of the Mathematical Association of American (MAA). Atlanta, March 1997

1996 "Keeping the Enthusiasm Going: A Math Mentoring Program for Young Women in the 8<sup>th</sup> Grade," presentation at The North Carolina Council of Teachers of Mathematics meeting, Meredith College, March 15, 1996

1993 - present Director for the Math Mentoring Program in Wake and Durham Counties, NC, in conjunction with NC W&M Network(Woman and Mathematics Network).

- Program links 68 local professional women with eighth-graders in 23 middle schools. Program seeks to encourage bright young women to continue their interests in mathematics by exposing them to a multitude of career options.
- Program has received awards and two grants from the MAA. It receives corporate funding from GE Capital Mortgage, Ericsson, Reichhold, Glaxo Wellcome, and the Mary Duke Biddle Foundation.

1991 Teaching Adults in the 21<sup>st</sup> Century: Individuals Encounter Group-Centered Learning," presentation at the national meeting of the Association for Continuing Higher Education, Seattle, WA, October 29, 1991.

1989 "You Can Do Math!" a workshop on overcoming math anxiety presented to staff, students, and faculty, Vanderbilt University, Nashville, TN, February 21-22, 1989.

1985 "A Profile of Executive MBA Programs: Preliminary Research Findings," lead seminar at the American Assembly of collegiate Schools of Business annual meeting on Executive MBA Programs, Boston, MA, October 13, 1985.

"Math Anxiety - Not for Women Only," workshop presented to students and faculty as part of Women's Week, University of the South, Sewanee, TN, February 13, 1985.

1984 Math Anxiety: What is it? What Can We Do About It?" workshop presented to students and faculty as part of women's Week, Vanderbilt University, Nashville, TN, May 1984.

1983-84 "Math Competency," workshop designed to help word processor operators better understand the

quantitative symbols with which they work, Owen Graduate School of Management, Vanderbilt University, Nashville, TN, November 1983, 1984.

## **PROFESSIONAL ORGANIZATIONS**

Mathematical Association of America  
National Council of Teachers of Mathematics  
Association of Women in Mathematics  
Association of Women in Science  
Women and Mathematics

## **PERSONAL**

- Listed in Who's Who in American Education, 1992-1993 Edition.
- Board Member of Temple Ohabai Shalom, coordinator for Room-in-the-Inn (Homeless shelter program), computer literacy volunteer at local elementary schools (1984-1993).
- Leisure activities include sketching, gardening, reading detective novels and current literature on cognition.