

Sister Madeleine Gregoire, D.H.S., Ph.D.
Associate Professor

Mathematical Sciences Department
Salve Regina University
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EDUCATION

- 1976 Ph.D. in Mathematics from The Catholic University of America, Washington, D.C.
- 1969 M.A. in Mathematics from The Catholic University of America, Washington, D.C.
- 1965 B.A. in Elementary Education from Diocesan Sisters' College, Putnam, CT.

EXPERIENCE

- 1980 - Salve Regina University
 - Teaching mathematics courses (all levels)
 - Integrating technology, programmable calculator, MATLAB and ODE software, into the teaching and learning of mathematics
 - Creating and maintaining WebCT websites for each course
 - Designed an online course in Mathematical Laboratories using Java programs
 - Taught EDC 499, a course in methods of teaching mathematics at the secondary level (1984 – 1988)
 - Taught EDC 321-322 / MTH 121-122 Elementary School Mathematics: Content & Methods I-II (1982 – 1985)
 - Taught computer sciences courses (courses I & II)
 - Chairperson of the Mathematical Sciences Department (1980 – 1982)
 - Serving on committees.
- 1971 – 1980 Annhurst College
 - Taught mathematics courses (all levels)
 - Taught all the courses for the computer science minor
 - Served on committees
 - Member and faculty advisor the Alpha Beta Chapter of the Sigma Zeta Honorary Science Society
 - Presented a workshop on computers (1979)
 - Presented a workshop on methods of teaching arithmetic to teachers at the Pomfret Community School in Pomfret, CT (1978 – 1979).
- 1965 – 1967 Annhurst College
 - Dean of Admissions
 - Instructor of introductory mathematics courses

GRANTS / CONTINUED EDUCATION

- June 12-15, 1996 NSF grant to participate in the ATLAST'96 workshop for the creation and use of MATLAB computer demonstrations and models in the teaching of Linear Algebra.
- June 16-19, 1997 Attended the short course entitled *Teaching Dynamical Systems* taught by Robert L. Devaney of Boston University.
- June 24-29, 1997 NSF grant to participate in the workshop on *Laboratory in Mathematical Experimentation* at Mount Holyoke College, South Hadley, MA. Upon attending this workshop, I designed and team-taught a one-credit course in learning mathematics through computer experimentation.
- June 28-July 2, 2004 PREP (Professional Enhancement Programs of the MAA) grant to participate in an online workshop from Saint Louis University entitled *Exploring Abstract Algebra Using Computer Software* using GAP software.

PUBLICATIONS

1976

On Variants of Turing Machines and Questions Concerning Recognizability of Sets

Ph.D. Dissertation

MEMBERSHIPS

The Mathematical Association of America (Departmental Representative 1980-1986)

The National Council of Teachers of Mathematics