

PATRICIA ANDERSON RYAN

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EDUCATION

- 2009-Present Physical Ocean Science and Engineering Program, University of Delaware, Newark, DE, USA. PhD candidate.
- 1987-1988 Widener University, Chester, PA, Graduate courses in Education.
- 1982 Villanova University, Villanova, PA USA, BS Mathematics.

Honors and Awards: As an undergraduate, I served as a member on Committee on the Undergraduate Mathematics Program (curriculum review board) and was inducted as a member of Pi Mu Epsilon (Mathematics Honor Society). I received a Commended Scholar award from the National Merit Society.

PROFESSIONAL EXPERIENCE

1994-2009 *AXA Financial*, Karr Barth Associates, Bala Cynwyd, PA

- **Director of Computer Programming** (2002-2009)
- **Network Administrator/Programmer** (1998-2002)
- **Plan Administrator/Programmer** (1994-1998)

1992-1994 *Thomas Jefferson University Hospital*, Phila., PA, **Lekotek Leader**

1988-1992 Management Information Sciences Department, *Widener University*, Chester, PA, **Adjunct Professor**

1988-1989 *Saint Dorothy School*, Drexel Hill, PA, **Computer Technology Instructor** (part-time)

1979-1988 *The Penn Mutual Life Insurance Co.*, Philadelphia, PA

- **Senior Programmer Analyst** (1982-1988)
- **Programmer Analyst** (1981-1982)
- **Programmer** (1979-1981)

Technical skills: I have programmed on a variety of hardware platforms running different operating systems including IBM Mainframes (OS/MVS), Novell Server (Netware), IBM PC and Compatibles (DOS, Windows), Macintosh (OS X) and cluster-configured super computer (Linux). My software development experience is varied and includes proficiency in FORTRAN, C, Pascal, PL/I, COBOL, Visual Basic, C-Shell, MATLAB, LaTeX, Microsoft Office Suite, Lotus 1-2-3. I utilize sundry utilities and packages, among them are GMT, ROMS and CICE.

Accomplishments and Activities: I participated in an Arctic research cruise and had the opportunity to experience many aspects of observational oceanography. I successfully completed an actuarial, a number of CLU and NASD Series 6 examinations. I have served as a board member and President of the Greater Philadelphia Chapter of the Autism Society of America as well as President of Lekotek of Southeastern PA.