

Curriculum Vitae

Thomas W. Polaski

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Education

- Ph.D. in Mathematics, Duke University, Durham, North Carolina, 1991.
- M.A. in Mathematics, Duke University, Durham, North Carolina, 1988.
- B.S. in Mathematics *summa cum laude*, Furman University, Greenville, South Carolina, 1986.

Employment

- Professor, Department of Mathematics, Winthrop University, August 2004 - Present. Chair of the Department, August 2013-Present.
- Associate Professor, Department of Mathematics, Winthrop University, August 1997 - August 2004.
- Assistant Professor, Department of Mathematics, Winthrop University, August 1991 - August 1997.
- Part-Time Instructor, Department of Mathematics, Duke University, Durham, North Carolina, August 1987 - May 1991.

Courses Taught:

Principles of the Learning Academy; Introduction to *Mathematica*; Applied College Algebra; Precalculus Mathematics; Trigonometry for Calculus; Introductory Discrete Mathematics; Quantitative Methods in Critical Thinking; Applied College Algebra; Calculus I; Calculus II; Calculus III; Honors Calculus II; Honors Calculus III; Linear Algebra; Algebra, Data Analysis, and Geometry Concepts for Teachers; Real Analysis I; Elements of Set Theory and Introduction to Topology; Probability and Statistics I; Probability and Statistics II; Introduction to Stochastic Processes; Introduction to Stochastic Modeling; Measure Theory I; Measure Theory II; Measure-Theoretic Probability; Content and Pedagogy for AP Calculus Teachers

Research Interests

Stochastic Processes, Mathematical Biology, Mathematical Modeling, Technology in Mathematics Education

Honors

- Presidential Citation for service to Winthrop University, 2010.
- Named “Professor of the Year” by the Winthrop University Kappa Mu Epsilon chapter, 2004.
- Outstanding Junior Professor Award, Winthrop University, 1997.
- Named a faculty mentor by initiates into the Phi Kappa Phi honor fraternity, Winthrop University, 1996, 1997, 2001.
- Nominee for Phi Kappa Phi Excellence in Teaching Award, Winthrop University, 1995, 1996.
- Visiting Lecturer for the Mathematical Association of America, 1995-1999.
- L.P. and Barbara J. Smith award for excellence in teaching, Mathematics Department, Duke University, 1989.
- Phi Beta Kappa, 1985-Present.

Books and Supplements Published

- *Mathematica Manual*. Supplement to *Fundamentals of Differential Equations* (Eighth Edition) and *Fundamentals of Differential Equations and Boundary Value Problems* (Sixth Edition) by R. Kent Nagle, Edward B. Saff, and Arthur David Snider. Boston: Pearson/Addison Wesley, 2011.
- *Instructor's Solutions Manual* (with J. McDonald). Supplement to *Linear Algebra and its Applications* by David C. Lay. Fourth Edition. Boston: Pearson/Addison Wesley, 2011.
- *Calculus*. (contributing author with Howard Anton, Stephen Davis and Irl Bivins). Ninth Edition. Hoboken: John Wiley and Sons, 2009.
- *Mathematica Manual*. Supplement to *Fundamentals of Differential Equations* (Seventh Edition) and *Fundamentals of Differential Equations and Boundary Value Problems* (Fifth Edition) by R. Kent Nagle, Edward B. Saff, and Arthur David Snider. Boston: Pearson/Addison Wesley, 2007.
- *Mathematica Manual*. Supplement to *Fundamentals of Differential Equations* (Sixth Edition) and *Fundamentals of Differential Equations and Boundary Value Problems* (Fourth Edition) by R. Kent Nagle, Edward B. Saff, and Arthur David Snider. Boston: Pearson/Addison Wesley, 2004.
- *Instructor's 48-G Manual*. Supplement to *Linear Algebra and its Applications* by David C. Lay. Third Edition. Boston: Addison-Wesley, 2003.
- *Instructor's Solutions Manual*. Supplement to *Linear Algebra and its Applications* by David C. Lay. Third Edition. Boston: Addison-Wesley, 2003.
- *Instructor's 48-G Manual*. Supplement to *Linear Algebra and its Applications* by David C. Lay. Updated Second Edition. Reading: Addison-Wesley, 1999.
- *Instructor's 48-G Manual*. Supplement to *Linear Algebra and its Applications* by David C. Lay. Second Edition. Reading: Addison-Wesley, 1997.

Chapters in Books Published

- *Finite-State Markov Chains*. Chapter 10 in *Linear Algebra and its Applications* (Fourth Edition) by David C. Lay. Boston: Pearson/Addison Wesley, 2011.
- *Notes for the HP-48G Calculator*. Appendix in *Study Guide for Linear Algebra and its Applications* by David C. Lay. Third Edition. Boston: Addison-Wesley, 2003.
- *A Component System for College Mathematics and Student Readiness* (with Ron C. Goolsby). Chapter 11 in *Readings in Innovative Ideas in Teaching Collegiate Mathematics*. Edited by Mohammad H. Ahmadi. Lanham: University Press of America, 2002.
- *Programs*. Part III of *Graphing Calculator Manual*. Supplement to *Finite Mathematics, Calculus with Applications, and Finite Mathematics and Calculus with Applications* by Margaret L. Lial, Raymond N. Greenwell, and Nathan P. Ritchey. Boston: Addison -Wesley, 2002.
- *Notes for the HP-48G Calculator*. Appendix in *Study Guide for Linear Algebra and its Applications* by David C. Lay. Updated Second Edition. Reading: Addison-Wesley, 1999.
- *Programs*. Part III of *Graphing Calculator Manual*. Supplement to *Finite Mathematics, Calculus with Applications, and Finite Mathematics and Calculus with Applications* by Margaret L. Lial, Raymond N. Greenwell, and Nathan P. Ritchey. Boston: Addison -Wesley, 1998.
- *Notes for the HP-48G Calculator*. Appendix in *Study Guide for Linear Algebra and its Applications* by David C. Lay. Second Edition. Reading: Addison-Wesley, 1997.

Academic Articles Published

- Dominance Matrices and Team Rankings. *The MathMate: the Official Journal of the South Carolina Council of Teachers of Mathematics* **31**(2008), no. 1, 35-40 (electronic).
- Extraneous Solutions and Graphing Calculators (with R. Goolsby). *The Mathematics Teacher* **90**(1997), 718-720.
- Multi-Section Scheduling for Retention and Remediation (with R. Goolsby). *PRIMUS* **7** (1997), 106-114.
- A Computer Program for the Double Variation Method (with J. Hollifield). *MicroNotes* **1**(1997).
- Harnack Inequalities and Difference Estimates for Random Walks with Infinite Range (with G. Lawler). *J. Theo. Prob.* **6** (1993), 781-802.
- On the Critical Exponent for Random Walk Intersections (with K. Burdzy and G. Lawler). *J. Stat. Phys.* **56**(1989), 1-12.

Translations Published

- Euler, Leonhard. Specimen de Constructione Aequationum Differentialium sine Indeterminatarum Separatione (An Example of the Solution of Differential Equations without Separation of Variables). *Comm. Acad. Sci. Imp. Petropol.* **6** 1732/3, pp. 168-174. In the Euler Archive <http://eulerarchive.maa.org>.

Popular Articles Published

- The Alternate Exam -- Five Years in an Alternate Universe. The North Carolina Association of Advanced Placement Mathematics Teachers Newsletter **15**(2007), no. 2, 14-15.
- On Mathematical Lore and Proof. Printed in the program accompanying the Charlotte Repertory Theatre production of *Proof* by David Auburn. April 2002.

Supplementary Materials Published

- Eight projects to accompany *Brief Calculus: an Applied Approach* by Michael Sullivan. Eighth Edition. New York: Wiley, 2005.
- Eight projects to accompany *Finite Mathematics* by Michael Sullivan and Abe Mizrahi. Ninth Edition. New York: Wiley, 2003.
- Seven projects to accompany *Mathematics: an Applied Approach* by Michael Sullivan and Abe Mizrahi. Eighth Edition. New York: Wiley, 2003.
- Twenty-seven case studies and application projects (in text and *Mathematica* notebook format) to accompany *Linear Algebra and its Applications* by David C. Lay. Third Edition. Reading: Addison-Wesley, 2003.
- Two case studies for *Mathematics with Applications* by Margaret L. Lial and Thomas W. Hungerford. Eighth Edition. Boston: Addison-Wesley, 2002.
- Twenty-seven case studies and application projects to accompany *Linear Algebra and its Applications* by David C. Lay. Updated Second Edition. Reading: Addison-Wesley, 1999.
- *Matrix Operations and Determinants* (with T. de Alwis, J. McNulty, and L. Riddle). ATLAST Developer's Conference 1996.

Mathematical Reviews

Reviewer, 1992 - Present. Reviewed 67 articles and 6 books. List of articles and books reviewed available upon request.

Papers and Workshops Presented

- "A One-Parameter Markov Chain Model for Baseball Run Production." Carolina Sports Analytics Meeting, Greenville, South Carolina, 2013.
- Advanced Placement Teachers Institute, Winthrop University, March-June, 2012.
- "Mathematical Reasoning at Winthrop University." Joint Mathematics Meetings, San Diego, California, 2008.
- "Baseball Decision-Making with Markov Chain Models." Joint Mathematics Meetings, San Antonio, Texas, 2006.
- "Run Production in Baseball: A Markov Chain Model." Joint Mathematics Meetings, Phoenix, Arizona, 2004.
- "The QR Method for Finding Eigenvalues." Joint Mathematics Meetings, Baltimore, Maryland, 2003.
- "Matrix Operations and Computer Graphics." Joint Mathematics Meetings, San Diego, California, 2002.

- “Dominance Matrices and Team Rankings.” Joint Mathematics Meetings, San Diego, California, 2002.
- “‘The Private History of a Reform that Failed:’ College Algebra and Student Readiness” (with R. Goolsby). Joint Mathematics Meetings, New Orleans, Louisiana, 2001.
- “Branching Processes in Varying Environment and a Carcinogenesis Model” (with J. Kimbell). Joint Mathematics Meetings, Washington, District of Columbia, 2000.
- “A Step Beyond: Using Case Studies in Linear Algebra.” Twelfth Annual International Conference on Technology in Collegiate Mathematics, San Francisco, California, 1999.
- “Conics and the TI-92.” Eleventh Annual International Conference on Technology in Collegiate Mathematics, New Orleans, Louisiana, 1998.
- “How Foggy is it? Writing Assignments and Assessment in Linear Algebra.” Seventh Conference of the International Linear Algebra Society, Madison, Wisconsin, 1998.
- “Teaching Linear Algebra Using the HP-48G.” Workshop. Ninth Annual International Conference on Technology in Collegiate Mathematics, Reno, Nevada, 1996.
- “Visualizing Linear Transformations on the HP-48G.” Joint Mathematics Meetings, Orlando, Florida, 1996.
- “A Segment Approach to College Mathematics Classes” (with R. Goolsby). Joint Mathematics Meetings, Orlando, Florida, 1996.
- “Technology-Based Writing in Linear Algebra.” Eighth Annual International Conference on Technology in Collegiate Mathematics, Houston, Texas, 1995.
- “Laboratory Exercises with Difference Equations.” Joint Mathematics Meetings, Cincinnati, Ohio, 1994.

Consulting

- MAA Linear Algebra Working Group, 2014. Aided in the development of a new collection for Course Communities within the MAA website by identifying and cataloging resources for a Linear Algebra course.
- Mathematical consultant, John Wiley and Sons, 2004-2005. Coordinated the many major edits necessary to produce a “Late Transcendentals” version of the text from an “Early Transcendentals” version of *Calculus* by Howard Anton, Stephen Davis and Irl Bivins. Eighth Edition.
- Mathematics consultant, Charlotte Repertory Theatre production of *Proof* by David Auburn, 2002.
- MicroAnalytical, Inc., Greenville, South Carolina, 2000. Discussed methods for solving systems of linear equations arising in their work.
- Southeastern Liquid Analyzers, Inc., York, South Carolina, 1992-1995. Interpreted EPA protocols for use in determining underground oil tank leak rates.
- South Carolina Law Enforcement Division, Columbia, South Carolina, 1992 -1993. Developed computer code to calculate refractive index of glass samples.

Honors Theses and Student Work Directed

- Sean Rae. "A Distributed Algorithm for Counting Finite Topologies." Poster presented at the annual meeting of Southeastern Section of the Mathematical Association of America, March 2003.
- Nathan Foth. "Baseball as a Markov Chain." Honors Thesis, 2003.
- Chris Howle. "To Serve Winthrop Better: an Analysis of a Survey Examining Student Opinion about Dacus Library." Honors Thesis, 1996.
- Donna Shaver. "Critical Exponents for Random Walk Intersections." Honors Thesis, 1994.

Undergraduate Talks Given

- "Adventures in Random Walk." Keynote Address, Francis Marion University Undergraduate Mathematics Conference, Florence, South Carolina, March 2011
- "Population Models and Chaos." Mathematics and Computer Science Colloquium, Georgia College and State University, Milledgeville, Georgia, May 1998.
- "Questions on Simple Random Walk." Math Coffee, Davidson College, Davidson, North Carolina, March 1998.
- "The Mathematics of Postal Codes." Kappa Mu Epsilon induction ceremony, Winthrop University, March 1996.
- "Polyhedra: Plato, Euler, and Descartes." Senior Seminar in Mathematics, Belmont Abbey College, Belmont, North Carolina, October 1994.
- "Difference Equations and Linear Algebra." Senior Seminar in Mathematics, Belmont Abbey College, Belmont, North Carolina, October 1993.
- "Basins of Attraction and Chaos." Senior Seminar in Mathematics, Belmont Abbey College, Belmont, North Carolina, October 1992.
- "The Unusual Number Phi." Kappa Mu Epsilon induction ceremony, Winthrop University, March 1992.
- "Fluctuations in Coin-Tossing and Random Walk." Senior Seminar in Mathematics, Belmont Abbey College, Belmont, North Carolina, October 1991.

Grants Funded

- "Advanced Placement Teachers' Institutes." South Carolina State Department of Education, 2012.
- "Trigonometry for Calculus: A Self-Contained Study Guide for Mathematics." Winthrop University Research Council, 2009-2010.
- "On the Incorporation of Technology into Linear Algebra Instruction." Winthrop University Research Council, 1992-1993.

Invited Conference Participation

- ATLAST (Augmenting the Teaching of Linear Algebra through the use of Software Tools) Workshop Developer's Conference, University of Washington, Seattle, Washington, August 13-16, 1996.

Workshop Participation

- MAA Minicourse, "Developing department self-studies," Washington, District of Columbia, 2009.
- Addison-Wesley workshops on linear algebra instruction and new methods in teaching liberal arts mathematics, Raleigh, North Carolina, February 2000.
- MAA Minicourse, "*Mathematica* laboratories in calculus instruction," Baltimore, Maryland, January 1998.
- Graphics Calculator Workshop, University of South Alabama, Mobile, Alabama, June 1997.
- Computer Minicourse, "Using MATLAB as a Numerical and Symbolic Tool in Linear Algebra," Houston, Texas, November 1995.
- Calculator Workshop, "A Laboratory Approach to Teaching Calculus with the HP48G Calculator," Houston, Texas, November 1995.
- ATLAST (Augmenting the Teaching of Linear Algebra through the use of Software Tools) Workshop, Georgia State University, Atlanta, Georgia, July 1993.
- MAA Minicourse, "Using supercalculators to enhance instruction and learning in linear algebra," San Antonio, Texas, January 1993.
- MAA minicourse, "Why, when, and how to use CAS calculators in calculus and linear algebra instruction" Baltimore, Maryland, January 1992.

Professional Service

- Presenter, Advanced Placement Calculus class, Weddington High School, May 2014.
- Faculty Consultant, Advanced Placement Calculus Reading, 1994-Present.
- Presenter, Advanced Placement Calculus classes, Nations Ford High School, April 2013.
- Presenter, Teaching Excellence and Achievement Program, Winthrop University, February 2012.
- Presenter, Advanced Placement Calculus class, Weddington High School, May 2011.
- Editorial assistant for *Calculus* (First Edition) by Carl V. Lutzer and H. T. Goodwill, 2010-2011.
- Editorial assistant for *Linear Algebra and its Applications* (Fourth Edition) by David C. Lay, 2010-2011.
- Editorial assistant for *Thomas' Calculus* (Twelfth Edition) by George B. Thomas, Maurice D. Weir and Joel Hass, 2009-2010.
- Presenter, Advanced Placement Calculus class, Weddington High School, May 2009.
- Reviewer for the first edition of *Calculus* by William Briggs and Lyle Cochran, 2008-2009.
- Post Secondary Editor for The MathMate: the Official Journal of the South Carolina Council of Teachers of Mathematics, 2007-2008.
- Presenter, Advanced Placement Calculus class, Chester High School, April 2007.

- Reviewer for a preliminary draft of the second edition of *Mathematical Proofs: A Transition to Advanced Mathematics* by Gary Chartrand and Ping Zhang, 2006.
- Reviewer for a preliminary manuscript of *Calculus* by Soo T. Tan for Thomson/Brooks-Cole Publishing, 2006.
- Reviewer for a computational calculus text for potential adoption by John Wiley and Sons, 2004-2005.
- Referee for a project proposal for Council of Physical Sciences of the Netherlands Organization for Scientific Research (NWO), Mathematics Open Competition, 2004.
- Invited participant in focus groups, Committee on the Undergraduate Program in Mathematics of the Mathematical Association of America, 2001 and 2003.
- Reviewer and editor for *Numerical Analysis* by Curtis F. Gerald and Patrick O. Wheatley. Seventh Edition. Boston: Addison-Wesley, 2003.
- External reviewer, University of the South, 2002. Reported on the scholarly activity and suitability for tenure and promotion of a candidate.
- Reviewer for *Calculus* and *Calculus: An Interactive Text* by Robert Smith and Roland Minton. Dubuque: McGraw-Hill, 2002.
- Reviewer and editor for *Mathematica* notebooks to accompany *Calculus* by Elgin Johnston and Jerold Mathews. First Edition. Boston: Addison-Wesley, 2001.
- Reviewer for *Mathematica* modules to accompany *Calculus and Analytic Geometry* by George Thomas and Ross Finney. Tenth Edition. Boston: Addison-Wesley, 2000.
- External reviewer, Cornell University, 2000. Reported on the suitability for tenure of a candidate for a position.
- External reviewer, Occidental College, 2000. Reported on the scholarly activity and suitability for tenure and promotion of a candidate.
- Reviewer for *Calculus: a New Horizon* by Howard Anton. Sixth Edition. New York: Wiley, 1999.

University Service

Departmental Committees

- Search Committee, 1991-1992, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2009-2010, 2010-2011, 2013-2014. Chair of the committee: 2003-2004, 2004-2005. Co-Chair of the Committee 2005-2006, 2006-2007.
- Curriculum Committee, 1992-1997, 1998-2005, 2010-2012. Chair of the committee: 2005-2006.
- Personnel Committee, 1997-1998, 1999-2002, 2004-2008, 2009-2010, 2011-Present. Chair of the committee: 1997-1998, 1999-2000.
- Departmental Direction Committee, 2006-2007.
- CTQR 150 Committee, 2004-2005.
- MATH 101 Committee, 1993-1997, 1999-2003.
- Text Selection Committees, 1992, 1997, 2000, 2006.
- Student Recruitment Committee, 1997-1998.

- Graduate Committee, 1993-1997.
- Statistics Committee, 1993-1996.
- Winthrop-Wylie Mathematics Tournament Committee, 1991-1992.

Other Departmental Service

- Chair, 2013-Present.
- Assistant Chair for Personnel, 2011-2013.
- Author of the Self-Study of the Winthrop University Mathematics Department for the South Carolina Commission on Higher Education, 2000.
- Author of the proposal for the Concentration in Statistics submitted to the South Carolina Commission on Higher Education, 1996.

College Committees

- Dean's Advisory Committee on Tenure and Promotion, 2004-2006, 2009-2011. Chair of the Committee, 2005-2006, 2010-2011.
- Curriculum Committee, 1992-1994, 2003-2005, 2011-2013. Secretary to the Committee, 1993-1994, 2003-2004. Chair of the Committee, 2004-2005, 2011-2012.
- Ad Hoc General Education Committee, 2001-2002.
- Mathematics Department Chair Review Committee, 1998-1999. Chair of the Committee: 1998-1999.

Other College Service

- Personnel Committee, Department of Psychology, 2008-2009.
- Personnel Committee, Department of Political Science, 2006-2007.
- Personnel Committee, Department of Philosophy and Religious Studies, 2006-2007.
- Third-Year Review Committee, Department of Psychology, 2005-2006.
- Third-Year Review Committee, Department of Philosophy, 2003-2004.
- Secretary to Faculty Assembly, 1995-1996.

University-Wide Committees

- Graduate Council, 2004-2006, 2010-2014.
- Committee on University Curriculum, 2010-2014.
- Honors Committee, 1997-1999, 2010-2012.
- Faculty Governance Review Committee, 2007-2009. Co-Chair of the Committee, 2007-2009.
- Phi Beta Kappa Committee, 2005-Present. Chair of the Committee, 2005-Present.
- Academic Council, 1997-2000, 2005-2008. Chair of the Council and Vice-Chair of Faculty Conference, 2006-2008.
- Ad Hoc Committee on the Academic Calendar, 2006-2008.
- Peace Studies Committee, 2005-2008.
- Rules Committee, 2005-2008.
- General Education Committee, 1994-1996, 2004-2007. Chair of the Committee 2005-2006.
- Nature and Character of the University Task Force, 2002-2006.

- Faculty/Staff Assessment and Institutional Research Advisory Board, 1999-2002.
- General Education Quantitative Group, 2002.
- Institutional Self-Study Steering Committee, 1998-2001.
- Budget Priorities Committee, 1998-2000. Chair of the Committee: 1999-2000.
- Committee on Undergraduate Instruction, 1998-2000. Chair of the Committee: 1998-2000.
- Professor Awards Committee, 1997-2000.
- Undergraduate Program Self-Study Committee, 1998-2000.
- Academic Strategic Plan Committee, 1996-1998.
- Library Committee, 1995-1998. Chair of the Committee, 1996-1997.
- Faculty Concerns Committee, 1993-1996.
- Math-Science Annex Dedication Committee, 1995-1996.

Other University-Wide Service

- Faculty Marshal, 2011-Present.
- WISE Advisory Committee, 2010-Present.
- Prepared the application for Winthrop University to shelter a chapter of Phi Beta Kappa, 2006.
- Parliamentarian to Graduate Faculty Assembly, 1996-1997.
- Reviewed applications for the Truman Scholarship, 1997.
- Participated in the post-tenure review of faculty for three candidates in 1999-2000, two candidates in 2002-2003, and one candidate in 2013-2014. Chaired two of these committees.
- Served on a committee which developed a proposed course for the new general education curriculum, 2001. This course (Human Experience II: Modes of Inquiry) was not added to the program.
- Faculty Representative to Attend Student Senate Meetings, 1992-1993.

Student Service

- Advisor, Book and Key, 2009-Present.
- Advisor, Kappa Mu Epsilon Winthrop Chapter, 2005-Present.
- Advisor, Winthrop Math Club, 1991-1998.
- Academic Advisor, 1992-Present.
- Judge, Winthrop Model United Nations, 1993-1995.

Community Service

- Moderator, Park Road Baptist Church, Charlotte, North Carolina, 2010-Present.
- Deacon, Park Road Baptist Church, Charlotte, North Carolina, 2010-2014.
- Member, Board of Directors, Colonial Village Neighborhood Association, 2011-2014.
- Member, Board of Directors, Alliance of Baptists, 2006-2010. Chair of the Missions Committee, 2008-2010. Member of the Personnel Committee, 2008-2010. Member of the Executive Committee, 2008-2010.

- Local Arrangements Coordinator, Alliance of Baptists National Convocation, Charlotte, North Carolina, 2008-2009.
- Organizer, Ten Thousand Villages Christmas Sale, Oakland Avenue Presbyterian Church, 2000-Present.
- Cuba Action Team, Park Road Baptist Church, Charlotte, North Carolina, 2006-Present. Chair, 2010-Present.
- Room in the Inn Ministry, Park Road Baptist Church, Charlotte, North Carolina, 2006-Present.
- Co-Teacher, Senior High Sunday School, Park Road Baptist Church, Charlotte, North Carolina, 2006-2010.
- Children's Committee, Park Road Baptist Church, Charlotte, North Carolina, 2005-2008.
- Chair, Ministerial Consultation Committee for a candidate for a Masters of Divinity Degree, Baptist Theological Seminary in Richmond, Richmond, Virginia, 2006-2007.
- Member, Board of Directors, Baptist House of Studies at Duke University, 1997-2001. Secretary to the Board, 1999-2001.
- Member, Board of Directors, Ten Thousand Villages Charlotte, 1997-2003. Secretary to the Board, 1997-2003.
- Sponsor and Exhibitor Liaison, Southeastern Section Meeting of the Mathematical Association of America, Winthrop University, 2012-2013.
- Local Arrangements Co-Chair, Southeastern Section Meeting of the Mathematical Association of America, Charlotte, North Carolina, 2000.
- Local Arrangements Coordinator, Alliance of Baptists National Convocation, Charlotte, North Carolina, 1996.
- Moderator, Wedgewood Baptist Church, Charlotte, North Carolina, 1999-2003.
- Co-Chair, Board of Deacons, Wedgewood Baptist Church, Charlotte, North Carolina, 1999-2001.