

Curriculum Vita

Robert Mignone
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Education

- Ph.D. Mathematics, The Pennsylvania State University, University Park, PA 1979
- BA Mathematics, Temple University, Philadelphia PA, 1968

Professional Experience

- Chair, Department of Mathematics, July 2007-present.
- Chair, Council of South Carolina University Faculty Chairs, Spring 2004- present.
- Speaker of the Faculty, The College of Charleston, May 2004-2007.
- The College of Charleston Representative to the South Carolina Commission on Higher Education for Performance Funding, May 1999- May 2002.
- Chair, Council of South Carolina University Faculty Chairs, Fall 1997- Summer 1999
- Speaker of the Faculty, The College of Charleston, June 1995-May 1998
- Professor of Mathematics, The College of Charleston, Charleston, SC, 1994-present
- Member, The Mathematical Sciences Research Institute, Berkeley California, 1989-90
- Associate Professor of Mathematics, The College of Charleston, 1987-1994
- Member, The Institute for Advanced Study, Princeton, New Jersey, Summer 1982.
- Assistant Professor of Mathematics, The College of Charleston, 1981-1987
- Visiting Assistant Professor, The University of Texas at Dallas, Richardson, TX, 1979-1981
- Teaching Assistant, The Pennsylvania State University, University Park, PA, 1972-1979
- Engineer, Litton Industries Data Systems Division, Van Nuys, CA, 1969-1971
- Engineer, The Boeing Company Vertol Division, Philadelphia, PA, 1968-1969

Grants and Awards

- College of Charleston Board of Trustee Appreciation Plaque for Service as Speaker of the Faculty from 1995-1998 and from 2004-2007, awarded April 2007.
- College of Charleston Distinguished Service Award, April 2006.
- College of Charleston R&D grant \$3200 for Summer 2004 research.
- Applied for and was granted a sabbatical for Spring 2004
- 1999 College of Charleston School of Sciences and Mathematics Distinguished Achievement Award
- 1994 National Science Foundation Instrument and Laboratory Improvement Matching Grant, @ \$120,000;
- First place in a Mathematica competition at Vanderbilt University, June 1993: project title, "The Weierstrass Approximation Theorem".
- 1993 College of Charleston Summer Research Award, \$2000;

- 1993 Southeastern Regional Education Board Research Travel Grant, \$750;
- 1990 MSRI Research Travel Award, \$450;
- 1989 College of Charleston Research Grant, \$3000;
- 1989 Southeastern Regional Education Board Research Travel Grant, \$750;
- 1987 College of Charleston Summer Research Award, \$2500;
 - 1987 Organized and cohosted the 3rd annual Southeastern Logic Conference, The College of Charleston, March;

Referee and Reviewer

- Modern Logic
- Mathematical Association of America Monthly;
- The Proceedings of the American Mathematical Society;
 - The Annals of Pure and Applied Logic.

Publications

- Closed Subsets of Stationary Sets in $P_{\aleph_1} \alpha$ for " $\aleph_1 \leq \alpha \leq \aleph_2$." In preparation
- "Almost Disjoint Families and Bounding Numbers." In preparation.
- "George Tourlakis' Lectures in Logic and Set Theory, Book Review, Volume 10, # Numbers 3&4, March 2005-May 2007, Issue 32, pages 225-230."
- "Closed Subsets of Stationary Sets in $P_{\aleph_1} \alpha$ for $\aleph_1 \leq \alpha \leq \aleph_2$." (Under revision).
- "Almost Disjoint Families and Bounding Numbers" (Manuscript).
- "A Decimal Approach To Real Numbers" (Manuscript).
- "Saharon Shelah's Cardinal Arithmetic" Book Review, Modern Logic, vol. 8, no 1 & 2, April 2000.
- "A Structural Approach to Stationary Sets", Mathematica Japonica 39, No. 3(1994);
- "A Restriction on the First Successor Cardinal which is Jonsson", The Rocky Mountain Journal of Mathematics, vol. 23, no. 4, Fall 1993;
- "Closure Sets of Functions and a Hierarchy of Filters", Proceedings of the American Mathematical Society, vol. 114, no. 3, March 1992;
- "A Direct Weakening of Normality for Filters", The Rocky Mountain Journal of Mathematics, vol. 22, no. 4, Fall 1992;
- "The Relative Consistency of a Large Cardinal Property for Omega-1", The Rocky Mountain Journal of Mathematics, vol. 20, no. 1, Winter 1990;
- "An Extension of the Closed Unbounded Filter", Proceedings of the American Mathematical Society, vol. 103, no. 4, August 1988;
- "The Ultrafilter Characterization of Huge Cardinals", Proceedings of the American Mathematical Society, vol. 90, no. 4, April 1984;
- "The Axiom of Determinateness Implies Omega-2 has Precisely Two Countably Complete, Uniform, Weakly Normal Ultrafilters", Fundamenta Mathematica, CXVII, 1983;
- "Ultrafilters Resulting From the Axiom of Determinateness", Proceedings of the London Mathematical Society, vol. 42, no. 3, November 1981.

Presentations

- “Almost Disjoint Families and Bounding Numbers”, scheduled for the Annual meeting of the Association for Symbolic Logic, March 2005, Stanford University.
- “Closed Subsets of Stationary Sets in P_{ω_1} ”, the joint meeting of the American Mathematical Society and the Association for Symbolic Logic, Atlanta, Georgia, January 2005.
- “A Unified Approach Toward Success in Calculus (Fostering Inclusiveness in the Mathematics Major)”, presentation of the results of NSF Grant #9452621, Annual Meeting of the American Mathematical Society, San Diego, California, January 1997.
- “A Structural Approach to Stationary Sets”, Annual Meeting of the Association for Symbolic Logic, Notre Dame University, March 1993;
- “A Restriction on the First Successor Cardinal which is Jonsson”, Annual Meeting of the Association for Symbolic Logic, Duke University, March 1992;
- “Closure Sets of Functions and a Hierarchy of Ideals”, Spring Meeting of the Association for Symbolic Logic, The Pennsylvania State University, April 1990;
- “Weakly Normal Filters”, Annual Meeting of the American Mathematical Society, Phoenix, Arizona, January 1989;
- “Set Theory and Large Cardinals”, Colloquium Speaker, University of North Carolina-Wilmington, February 1988;
- “An Extension of the Closed Unbounded Filter”, Annual Meeting of the American Mathematical Society, San Antonio, Texas, January 1987;
- “Some Aspects of Radin Forcing”, Southeastern Logic Conference, Auburn, Alabama, February 1986;
- “A Generic Extension for Huge Cardinals”, Southeastern Logic Conference, Gainesville, Florida, February 1985;
- “The Relative Consistency of a Large Cardinal Property for Ω_1 ”, Annual Meeting of the American Mathematical Society, Anaheim, California, January 1985;
- “The Returning Ultrafilter over $P_{\kappa\lambda}$ ”, Annual Meeting of the American Mathematical Society, Denver, Colorado, January 1983;
- “Large Cardinals and the Development of Set Theory”, Colloquium Speaker, Stephen F. Austin State University, November 1982;
- “On The Ultrafilter Characterization of Huge Cardinals”, Summer Meeting of the Association for Symbolic Logic, Florence, Italy, August 1982;
- “A Large Cardinal Property of the First Uncountable Cardinal”, Annual Meeting of the American Mathematical Society, Cincinnati, Ohio, January 1982;
- “Normal, Fine, Ω_1 -Complete Ultrafilters on P_{Ω_1} ”, Fall Meeting of the American Mathematical Society, Syracuse University, October 1978.

Other Teaching Related Activities

- Faculty Technology Institute participant, Summer 2003.
- Team participant in the Project Kaleidoscope workshop in “Revitalizing Undergraduate Mathematics”, July 19-21, 1996 University of Iowa, Iowa City, Iowa.
- Team participant in the Project Kaleidoscope workshop in “The Future of Mathematics in Undergraduate Education”, June 12-14, 1997, St. Mary’s College, Moraga, California.
- Participant in the Project Kaleidoscope workshop in “The Research-Rich Environment”, July 18-20, 1997, Bryn Mawr College, Bryn Mawr, Pennsylvania.
- Attended the spring meeting of the American Association of Colleges (AAC) on re-forming the major, Chicago, IL, March 1992;
- Attended the annual meeting of the American Association of Colleges, Seattle, WA, January 1993;
- Member of the College AAC committee since Spring 1992, which was awarded a \$20,000 grant from the AAC to foster change in the majors at the College of Charleston;
- Awarded @\$1500 grant from the College AAC committee to attend a week long Mathematica Workshop at Vanderbilt University and to observe the Summer Math Institute at the University of California-Berkeley, see teaching statement for more details;

Recently Attended Professional Meetings

- American Mathematical Society, Committee on Education, invited participant, October, 2013.
- American Mathematical Society, Committee on Education, invited participant, October 2012.
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, Boston, MA, January 2012
- American Mathematical Society, Committee on Education, invited participant, October, 2011.
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, New Orleans, LA, January 2011
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, San Francisco, CA, January 2010
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, Washington, DC, January 2009
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, San Diego, CA, January 2008
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, New Orleans, LA, January 2007
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, San Antonio, Texas, January 2006
- FIPSE Conference on Accountability, Charleston, SC, September 2005
- Annual Meeting of the Association for Symbolic Logic, Stanford University, March 2005
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, Atlanta, Georgia, January 2005
- Annual Meeting of the American Mathematical Society and the Winter Meeting of the Association for Symbolic Logic, Phoenix, Arizona, January 2004

- Annual Meeting of the American Mathematical Society, Baltimore, Maryland, January 2003
- Logic Conference in honor of Jan Mycielski, The University of Colorado, Boulder Colorado, June 2002
- FIPSE Conference on Performance Funding, Presented a paper on Post-Tenure Review, Hilton Head, SC, February 2002
- Joint Annual Meeting of the American Mathematical Society and the Association for Symbolic Logic, San Diego, California, January 2002
- Annual Meeting of the Association for Symbolic Logic, University of Pennsylvania, March 2001
- Annual Meeting of the Association for Symbolic Logic, University of Illinois at Urbana-Champaign, June 2000
- Mid-Atlantic Mathematical Logic Symposium, Rutgers University, New Brunswick, New Jersey, October 1999.

Service

2012-13

College

- Chair of the General Education Committee
- Member of the Ad hoc Committee to develop approval criteria and learning outcomes for the Mathematical Reasoning and Analysis competency in our General Education program.
- Initiated, organized and developed an articulation agreement between College of Charleston and Governor's School for Math and Science.
- Initiated, developed, organized and coordinated a student exchange between Xiamen University and College of Charleston

Department

- Evaluation Panel
- Department Chair
- Recruitment Committee

Community

- Math Meet

2011-12

College

- Chair of the General Education Committee
- Member of the Faculty Club Board of Directors,
- Member of the Ad hoc Committee to develop approval criteria and learning outcomes for the Mathematical Reasoning and Analysis competency in our General Education program.

Department

- Evaluation Panel
- Department Chair
- Recruitment Committee

Community

- Math Meet

2010-11

College

- Advisory Committee to the President
- SSM Dean Search Committee
- Member of the Faculty Club Board of Directors,

Department

- Evaluation Panel
- Department Chair
- Recruitment Committee
- NCATE Reaccreditation Group
- Revised Math Major Tracks

Community

- Math Meet

2009-10

College

- Advisory Committee to the President
- Provost Search Committee
- SSM Dean Search Committee
- Member of the College of Charelston Distinguished Service Award Selection Committee,
- Member of the Faculty Club Board of Directors,
- Member of the Ad Hoc Committee on Faculty Governance

Department

- Evaluation Panel
- Department Senator
- Department Chair
- Recruitment Committee
- NCATE Reaccreditation Group
- Revised Math Major Tracks

Community

- Math Meet

2008-2009

College

- Advisory Committee to the President
- SSM Dean Search Committee
- Member of the College of Charelston Distinguished Service Award Selection Committee,
- Member of the Faculty Club Board of Directors,
- Member of the Ad Hoc Committee on Faculty Governance

Department

- Evaluation Panel
- Department Chair
- Department Senator
- Recruitment Committee
- NCATE Reaccreditation Group

Community

- Math Meet

2007-2008

College

- Ad Hoc Committee on General Education
- Presidential Search Committee
- Ad Hoc Committee on Program Approval Process

Department

- Evaluation Panel
- Department Chair
- Recruitment Committee
- NCATE Reaccreditation Group

Community

- Math Meet

2006-2007

College

- Speaker of the Faculty
- College Facilities and Campus Planning Committee
- Ad Hoc Committee on General Education
- Presidential Search Committee

- Ad Hoc Committee on Program Approval Process

Department

- Evaluation Panel
- Chair's Advisory Committee
- Recruitment Committee

Community

- Council of South Carolina University Faculty Chairs (Chair) (State-wide organization of faculty governance leaders from all senior public higher education institutions.)
- Math Meet
- Served on an NSF review panel for the CCLI grants, Washington, DC (Summer 2006)

2005-2006

College

- Speaker of the Faculty
- Retention Coordinating Committee
- College Facilities and Campus Planning Committee
- Ad Hoc Committee on General Education
- Greek Life Task Force

Department

- Evaluation Panel
- Chair's Advisory Committee
- Recruitment Committee

Community

- Council of South Carolina University Faculty Chairs (Chair) (State-wide organization of faculty governance leaders from all senior public higher education institutions.)
- Math Meet
 - Kiawah Island Recreation Advisory Committee Fall
 - Served on an NSF review panel for the CCLI grants, Washington, DC (Summer 2004)

2004-2005

College

- Speaker of the Faculty
- Retention Coordinating Committee
- College Facilities and Campus Planning Committee
- Ad Hoc Committee on General Education
- Greek Life Task Force

Department

- Evaluation Panel

- Chair's Advisory Committee
- Recruitment Committee
- Research and Development Committee (Chair) (including Colloquium Coordinator)

Community

- Council of South Carolina University Faculty Chairs (Chair) (State-wide organization of faculty governance leaders from all senior public higher education institutions.)
- Math Meet
 - Kiawah Island Recreation Advisory Committee
 - Served on an NSF review panel for the CCLI grants (July 2004)

2003-2004

College

Spring 2004 (on Sabbatical)

- Elected Chair of the South Carolina Council of University Faculty Chairs
- Candidate for Speaker of the Faculty

Fall 2003

- Program Director WebCt Ubiquitousness Vision (part of the @\$1,000,000 lottery grant project: Building Learning Communities, received by The College of Charleston.

Department

- Evaluation Panel
- Chair's Advisory Committee
- Recruitment Committee
- Space Committee
- Research and Development Committee (Chair) (including Colloquium Coordinator)

Community

- Kiawah Island Recreation Advisory Committee

2002-2003

College

- By-Laws Committee (Chair)
- At-Large Senator (Spring 2003)
- Program Director WebCt Ubiquitousness Vision (part of the @\$1,000,000 lottery grant project: Building Learning Communities, received by The College of Charleston.

Department

- Special Project for Chair accessing the SIS system using Connx
 - Evaluation Panel
 - Chair's Advisory Committee
 - Recruitment Committee

- Space Committee
 - Research and Development Committee (Chair) (including Colloquium Coordinator)
- Community
- Math Meet
 - Kiawah Island Recreation Advisory Committee
 - Served on an NSF review panel for the CCLI/A&I grants (January 2003)

2001-2002

College

- Senator representing the Mathematics Department, beginning January 2002
- Senate Parliamentarian beginning January 2002
- By-Laws Committee (Chair)
- Nominations and Elections Committee (Chair)
- College Representative to the South Carolina Commission on Higher Education
- Working Group 6 (Graduate Education) of the Long-Range Strategic Plan.

Department

- Evaluation Panel
- Chair's Advisory Committee
- Recruitment Committee

Community

- Math Meet
- Core group of Parents for Public Schools
- Kiawah Island Recreation Advisory Committee

2000-2001

College

- Budget Committee (Chair)
- Nominations and Elections Committee (Chair, beginning Spring 2001)
- College Representative to the South Carolina Commission on Higher Education

Department

- Evaluation Panel
- Chair's Advisory Committee

Community

- Math Meet

1999-2000

College

- At-Large Senator (Speaker pro tempore)
- Budget Committee (Chair)
- Post-Tenure Review Committee (Chair)
- College Representative to the South Carolina Commission on Higher Education

Department

- Recruitment Committee
- Evaluation Panel
- Chair's Advisory Committee

Community

- Math Meet

1998-1999

College

- At-Large Senator (Speaker pro tempore)
- Budget Committee
- College Representative to the Commission on Higher Education (Unofficial)
- Member of the Provost's performance funding committee (Ad Hoc)
- Director of the Science Fair/Math Meet
- Served on the Finance and Facilities Working Group of the Long-Range Strategic Planning Committee.

Department

- Recruitment Committee
- Evaluation Panel

Community

- Council of South Carolina University Faculty Chairs (Chair) (State-wide organization of faculty governance leaders from all senior public higher education institutions.)
- Math Meet
- State-wide Task Force for implementing recommendations to the Commission on Higher Education from the state-wide Business Advisory Council. Task Force composed of representatives from the Governor's Office, Chairs of Boards of Trustees, Council of College Presidents, the Business Advisory Council, the Commission on Higher Education, and the Council of Faculty Chairs.
- Served in a newly created seat on the state wide Advisory Committee on Academic Programs as Council of South Carolina University Faculty Chairs' representative. (Successfully gaining a seat on ACAP for the Council of Chairs, along with organizing and coordinating institutional responses to the law requiring post-tenure review in a way that did not undermine tenure, are what I consider my two most noteworthy achievements as Chair.)

1997-1998

College

- Speaker of the Faculty
- Faculty Representative to the Commission on Higher Education (Unofficial)
- Architectural Selection Committee for the new library
- Information Technology Committee

Department

- Recruitment Committee
- Evaluation Panel

Community

- Council of South Carolina University Faculty Chairs (Chair)
- Math Meet

1996-1997

College

- Speaker of the Faculty
- Faculty Representative to the Commission on Higher Education (Unofficial)
- Information Technology Committee

Department

- Recruitment Committee
- Evaluation Panel

Community

- Council of South Carolina University Faculty Chairs
- Math Meet

1995-1996

College

- Speaker of the Faculty
- Faculty Representative to the Commission on Higher Education (Unofficial)
 - Self-Evaluation Committee for SACS Re-accreditation

Department

- Recruitment Committee
- Evaluation Panel
- Math Major Committee

Community

- Council of South Carolina University Faculty Chairs
- Math Meet

1994-1995

College

- At-Large Senator (Speaker pro tempore)
- Hearing Committee

Department

- Recruitment Committee
- Evaluation Panel

Community

- Math Meet

1993-1994

College

- Faculty Senator (Mathematics Department) (Speaker pro tempore)
- Committee on Nominations (Chair)
- Graduate Council

Department

- Recruitment Committee
- Evaluation Panel
- Colloquium Speaker Committee
- Graduate Steering Committee

Community

- Math Meet

1992-1993

College

- Committee on Nominations (Chair)
- Graduate Council
- Ad Hoc Committee to develop a new design for scheduling and routing additions and changes in graduate programs

Department

- Recruitment Committee
- Evaluation Panel
- Math 103 Planning Committee
- Graduate Steering Committee

Community

- Math Meet

1991-1992

College

- Graduate Council
- Judicial Board
- Ad Hoc Committee on English oral and writing proficiency

Department

- Recruitment Committee
- Evaluation Panel
- Developed Master's Degree Brochure

Community

- Math Meet

1990-1991

College

- Ad hoc committee on the Assessment Committee (?)

Department

- Recruitment Committee
- Evaluation Panel

Community

- Math Meet

1989-1990

- Sabbatical year

1988-1989

College

- Committee on Nominations (Chair)

Department

- Recruitment Committee
- Evaluation Panel
- Master's degree development committee

Community

- Math Meet

1987-1988

College

- Committee on Nominations (Chair)
- Advisory Committee to the President

Department

- Recruitment Committee
- Evaluation Panel
- Master's degree development committee

Community

- Math Meet

1986-1987

College

- Committee on Nominations
- Advisory Committee to the President

Department

- Recruitment Committee
- Evaluation Panel
- Library Liason

Community

- Math Meet

1985-1986

College

- Advisory Committee to the President
- Ad Hoc Committee on the Faculty Handbook

Department

- Recruitment Committee
- Evaluation Panel
- Library Liason

Community

- Math Meet

1984-1985

College

- Ad Hoc Committee on the Faculty Handbook
- Faculty Research and Development Committee (Chair)

Department

- Recruitment Committee
- Evaluation Panel
- Curriculum Committee
- Prepared Math Department flyer

Community

- Math Meet
- Judged at the Low Country Science Fair
- Member of the Consortium Committee

1983-1984

College

- Ad Hoc Committee on the Faculty Handbook
- Faculty Research and Development Committee (Secretary)

Department

- Recruitment Committee
- Curriculum Committee
- Teaching Seminar

Community

- Presented to the South Carolina Science Teachers convention in Columbia
- Assisted at the Low Country Science Fair

1982-1983

College

- Faculty Research and Development Committee
- Ad Hoc Committee on the Faculty Handbook
- International Student Exchange Program Screening Committee

Department

- Recruitment Committee
- Curriculum Committee
- Committee to revise promotion and tenure standards

Community

- Presented to students at Burke High School