

RALPH P. TUCCI

I. VITA

(a) Biographical Data

Present Address 1023 Chartres St. #8
N. O., La. 70116

Place and Date of Birth Providence, Rhode Island
September 1, 1949

Marital Status Single

Present Position Professor
Dept. of Mathematics and Computer Science
Loyola University New Orleans
6363 St. Charles Avenue
New Orleans, Louisiana 70118
(504) 865-2663
tucci@loyno.edu

(b) Education

M. S. Computer Science, Tulane University, 1985
Dissertation: A State Space Approach to the Analysis of Algorithms
Advisor: Dr. Larry Reeker

Ph.D. Mathematics, University of Wisconsin-Milwaukee, 1976
Dissertation: Krull Dimension and the Krull Radical in Arbitrary Rings
Advisor: Dr. Edmund H. Feller

M.S. Mathematics, University of Wisconsin-Milwaukee, 1972

B.A. Mathematics, Brown University, 1970

(c) Employment History

Loyola University New Orleans, Department of Mathematics and Computer Science
Fall 2002 to present Professor
Fall 1989 to 2002 Associate Professor
Fall 1984 to Fall 1989 Assistant Professor
Fall 1983 through Spring 1984 Visiting Assistant Professor

Roger Williams College, Division of Mathematics and Computer Science
Bristol, R.I.

Fall 1990 and Spring 1991 Visiting Faculty Member

Tulane University, Department of Computer Science
Spring 1983 Teaching Assistant

University of New Orleans, Department of Mathematics
Fall 1982 Part-time Lecturer
Fall 1977 through Spring 1982 Instructor

University of Wisconsin - Milwaukee, Department of Mathematics
Fall 1976 through Spring 1977 Part-time Lecturer
Fall 1970 through Spring 1976 Teaching Assistant, with complete responsibility for teaching
various undergraduate courses and a graduate seminar in
mathematics

II. TEACHING RECORD

(a) Courses Taught

Undergraduate Courses (Because of curriculum changes, many course numbers have changed. Old numbers are in parentheses.)

Cosc 105 Beginning Programming (formerly BASIC)
Cosc A106 Microcomputers and Personal Productivity
Cosc A115 COBOL
Cosc Z132 (130) The Computer Impact
Cosc A211 (210, 220) Programs and Problem Solving
Cosc A212 (215, 230, 255) Fundamental Structures of Computer Science (Data Structures)
Cosc A216 Fundamentals of Software Design
Cosc A225 (240 and 250) Real and Abstract Machines (Assembly Language)
Cosc A280 Introduction to Computer Graphics
Cosc A363 (260) Algorithms and Software Development
Cosc A350 Data Processing
Cosc A365 Operating Systems
Cosc A370 Automata and Computability
Cosc A375 Numerical Algorithms
Cosc A425 Computer Graphics
Cosc A430 Database Management
Cosc A451 Software Engineering
Cosc A465 Computer Architecture
Cosc A493 Special Project in Nondeterministic Automata
Cosc A493 Special Topics – Coding Theory

Cosc A493 Special Topics – Computer Security

Cosc A493 Special Topics - Cryptography
 Cosc A499 Directed Readings in Fuzzy Automata
 Cosc A499 Directed Readings in Advanced Automata Theory
 Cosc A499 Directed Readings in Formal Languages

Math A091 Basic Skills Mathematics
 Math A092 Fundamentals of Algebra
 Math A115 Introduction to Finite Mathematics
 Math A116 Survey of Calculus
 Math A118 Precalculus
 Math A122 Mathematical Models
 Math A203 Computational Matrix Algebra
 Math A204 Discrete Mathematics
 Math H233 Honors Mathematics
 Math A257 Calculus I
 Math A270 Mathematical Foundations of Computer Science
 Math A400 Abstract Algebra
 Math A495 Mathematical Foundations of Languages

Graduate Courses (for the Master of Science in Teaching program)

Math 701 Foundations of Mathematics
 Math 711 Computational Matrix Theory
 Math 712 Application Oriented Algebra
 Math 713 Abstract Algebra
 Math 726 Analysis II
 Math 735 Number Theory

(b) Courses Created

Cosc 415 (changed to Cosc A363 Algorithms and Software Development)

This course deals with the creation and analysis of computer algorithms for a wide variety of problems, both numerical and non-numerical.

Cosc A493 Coding Theory

Cosc A493 Cryptography

(c) Creative Teaching Techniques

In Computers and Society and The Computer Impact I was very careful to balance the technical material of the course with the impact of technology on society. I accomplished this through a careful use of an outside reading list and by requiring students to write papers on various topics

during the semester.

Student Projects

In Software Engineering I had my students model a real-world problem. I organized them into a group and sent them to the library to interview several librarians, including the Dean of the library. They learned the mechanism through which a book was purchased and designed a computer program to handle such a purchase.

In Computer Architecture I had the students work in a group to design a special-purpose computer for sorting.

I supervised a project in my Automata and Computability class in which the students wrote a program to implement several algorithms on automata. The project provided the participating students with a real-life programming experience, as well as giving them a deeper understanding of the theoretical aspects of automata theory. I have subsequently used this program to teach automata theory in lower-level classes with outstanding results.

A student of mine, Mr. Thair Judeh, wrote an Honor's Thesis on Coding Theory under my direction.

Another student of mine, Ms. Leah Birch, is working on a project on Abstract Algebra.

(d) Student Advising

Since joining the faculty I have advised between 8 and 20 students per semester.

(e) Normal Teaching Load

The normal full-time teaching load in the Mathematics and Computer Science Department is twelve hours unless a faculty member is granted release time by the Dean. During my first year it was customary for faculty in our department to teach four courses in their first semester, which I did. In my second year I went from extraordinary to ordinary faculty, so I again was required to teach four courses. I also taught four courses in the Fall of 1986 at the request of the Department. I have received three hours release time for scholarly activities for all other semesters.

In the Spring of 1993 I received a course release to prepare a new course, Cosc 216, which I taught in the Fall of 1993. From Fall 1993 until Spring 1995 I received an extra one-course reduction for serving as chairman. I received a course release in Spring 1997 from a grant and I received a course release in Spring 2007 for having served in previous semesters as Vice Chair of Computer Science.

(f) Evaluations Forthcoming to the CRTC

III. RESEARCH AND ARTISTIC ACTIVITY

(a) Publications

Aihua Li and **Ralph P. Tucci**, Zero-Divisor Graphs of Upper Triangular Matrix Rings, submitted to Communications in Algebra.

Henry E. Heatherly and **Ralph P. Tucci**, Rings Whose Semigroup of Right Ideals is J-Trivial, International Electronic Journal of Algebra Vol. 10 (2011), 151-161.

Henry E. Heatherly and **Ralph P. Tucci**. "Weak Regularity in Semigroups", J P Journal of Algebra, Number Theory, and Applications, Vol. 19, No.1, 2010, 1-12.

Henry E. Heatherly and **Ralph P. Tucci**, "Right Weakly Regular Semigroups", J P Journal of Algebra, Number Theory, and Applications, Vol. 17, No. 1, 2010, 27 – 40.

Henry E. Heatherly, Karl A. Kosler, and **Ralph P. Tucci**, "Semigroups of Ideals of Right Weakly Regular Rings", J P Journal of Algebra, Number Theory, and Applications, Vol. 15, No.2, 2009, 89 – 100.

Henry E. Heatherly and **Ralph P. Tucci**. "Right Weakly Regular Rings: A Survey", in Ring and Module Theory, Trends in Mathematics, Birkenmeier, Park, and Park (eds), Birkhauser, Basel, 2010, 121 – 129.

Henry E. Heatherly and **Ralph P. Tucci**. "The Multiplicative Semigroup of Right Ideals of a Ring", Mathematica Pannonica 18/1, 2007, 19 - 26.

Henry E. Heatherly, Karl. A. Kosler, and **Ralph P. Tucci**. "The Semigroup of Right Ideals of a Right Weakly Regular Ring", Mathematica Pannonica 18/2, 2007, 157 - 167.

Elias G. Khalaf and **Ralph P. Tucci**, "Semi-Contiguous Memory Allocation for Efficient Sequential Access", CDES '06 – The 2006 International Conference on Computer Design.

Ralph P. Tucci, "Commutative Semigroups and Groups Whose Proper Homomorphic Images are All of Smaller Cardinality", Kyungpook Journal of Mathematics 46 (2006), 231-233.

Ralph P. Tucci, "A Tight Inverse Semigroup Which is not Bisimple", Semigroup Forum Vol. 21(2005) 147 - 151.

Henry E. Heatherly and **Ralph P. Tucci**, "Maximal Ideals in Rings", Quaestiones Mathematicae 28 (2005), No .2, 137 – 143.

Ralph P. Tucci, "Inverse Semigroups All of Whose Proper Homomorphic Images are Groups", Bull. Austral. Math. Soc. 69 (2004), 395 – 401.

Henry E. Heatherly, John A. Lewallen, and **Ralph P. Tucci**, "The Adjoint Semigroup of a Ring", Pure Mathematics and Applications 14 (1-2) (2004), 57 – 67.

Henry E, Heatherly and **Ralph P. Tucci**, "Adjoint Clifford Rings", Acta Mathematica Hungarica, 95 (1-2) (2002), 75 – 82.

Henry E. Heatherly and **Ralph P. Tucci**, "Maximal Ideals in Near-rings and Semigroups", *Quaestiones Mathematicae* 25 (2002), 259 – 268.

Henry E. Heatherly and **Ralph P. Tucci**, "Adjoint Regular Rings", *International Journal of Mathematics and Mathematical Sciences*, 30:8 (2002), 459 – 466.

Henry E. Heatherly and **Ralph P. Tucci**, "The Circle Semigroup of a Ring", *Acta Mathematica Hungarica*, 90(3) (2001), 241 - 252.

Henry E. Heatherly and **Ralph P. Tucci**, "Central and Semicentral Idempotents", *Kyungpook Journal of Mathematics*, 40 (2000), 251 - 254.

Bogdan D. Czejdo and **Ralph P. Tucci**, "A Dataflow Graphical Language for Database Applications", *The Journal of Computing and Information Technology CIT2* 1994, 1, 39 - 50.

Bogdan D. Czejdo, David W. Embley, Stephen .W. Liddle, and **Ralph P. Tucci**, "Graphical Query Specification with Participation Constraints", *Proceedings of ICCI '93, ETC*, 433 – 437.

Bogdan D. Czejdo and **Ralph P. Tucci**, "A Graphical Language for Information Systems", *Proceedings of Information Technology Interfaces ITI '93, Zagreb, Croatia. ETC*, 97 – 110.

Bogdan D. Czejdo, David W. Embley, and **Ralph P. Tucci**, "Expressing Quantification in Relational Calculus by Participation Constraints", *Applied Mathematics Letters*, Vol. 6, No. 1 (1993), 53 - 56.

Bogdan D. Czejdo and **Ralph P. Tucci**, "A Graphical Language for Rapid Prototyping", *Proceedings of the Annual Conference of IACIS, New Orleans, 1992*, 322 - 329.

Bogdan D. Czejdo and **Ralph P. Tucci**, "Using an Object-Relationship Model for Rapid Prototyping" *Proceedings of the 1992 Symposium on Applied Computing, Kansas City, 1992*, 299 – 304.

Bogdan D. Czejdo, David W. Embley, and **Ralph P. Tucci**, "Graphical Specification of Recursive Queries", *Advances in Computing and Information: Proceedings of ICCI '91, Ottawa, Canada, Lecture Notes in Computer Science 497* (1991), 252 - 263.

Teresa. L. Santa Coloma and **Ralph P. Tucci**, "A Decomposition Theorem for Finite Automata", *American Mathematical Monthly*, Vol. 97, No. 1, (1990), 51 - 54.

Ralph P. Tucci, "A Decomposition Theorem for a Class of Infinite Transformation Semigroups", *Acta Cybernetica*, Tom. 9. Fasc. 1, (1989), 39 - 54.

Frederick E. Petry and **Ralph P. Tucci**, "A Note on the Definition of Trees", *IEEE Transactions on Computer Education*, Vol. 32, No. 3, (1989), 396 - 398.

Ralph P. Tucci, "A New Proof of the Krohn-Rhodes Theorem for Transformation Semigroups",

Applied Mathematics Letters, Vol. 1, No. 3, (1988), 291 - 293.

Gary F. Birkenmeier and **Ralph P. Tucci**, "Homomorphic Images and the Singular Ideal of a Strongly Right Bounded Ring", Communications in Algebra, Vol. 16, No. 6 (1988), 1099 - 1112. Corrigenda, Vol. 16, No. 12 (1988), 2661 - 2662.

Ralph P. Tucci, "A Note on the Decomposition of Infinite Automata", International Journal of Computer Mathematics (24) (1988), 141 - 149.

Ralph P. Tucci, "Krull Dimension, k -Primitive Rings, and Critical Rings", International Journal of Mathematical Sciences, No. 4 (1982), 763 - 777.

Carroll F. Blakemore, Ridgely Lange and **Ralph P. Tucci**, "A Differential Equation in Group Theory", Mathematics Magazine, Vol. 55, No. 4 (1982) 220 - 221.

Ann. K. Boyle and **Ralph P. Tucci**, "When Semicritical Rings are Semiprime", Communications in Algebra, 9(17) (1981) 1747 - 1761.

Gary F. Birkenmeier and **Ralph P. Tucci**, "Does Every Right Ideal of a Matrix Ring Contain a Nilpotent Element?", American Mathematical Monthly, Vol. 84, No. 8 (1977) 631 - 633.

(b) Papers read

In addition to the papers listed below, I have lectured at the Tulane Algebra at an average rate of two times per year since 1985.

Henry E. Heatherly and **Ralph P. Tucci**, Rings Whose Semigroup of Right Ideals is J -Trivial, Colloquium, University of Louisiana at Lafayette, September 2011.

Heatherly, Henry, and **Ralph P. Tucci**, "The Semigroup of Right Ideals of a Right Weakly Regular Semigroup", South Central Regional Algebra Conference, University of Southern Alabama, Mobile, Alabama, March 2009.

Heatherly, Henry E., Karl A. Kosler, and **Ralph P. Tucci**. "The Semigroup of Right Ideals of a Right Weakly Regular Ring", South Central Regional Algebra Conference, University of Louisiana at Lafayette, September 2007.

Ralph P. Tucci, "A Tight Inverse Semigroup Which is Simple and not Bisimple", South Central Regional Algebra Conference, Southeast Louisiana University, Hammond, LA., November 2004.

Ralph P. Tucci, "Inverse Semigroups Whose Homomorphic Images Are All Groups", Annual Mathematics Conference University of Louisiana at Lafayette October 2002, Invited Speaker.

Henry E. Heatherly and **Ralph P. Tucci**, "Maximal Ideals in Semigroups", South Central Regional Algebra Conference, University of Southern Mississippi, Hattiesburg, MS., April 2001.

Henry E. Heatherly and **Ralph P. Tucci**, "Adjoint Semigroups of Rings", Colloquium Talk, University of Louisiana at Lafayette, Lafayette, LA., March 2001.

Ralph P. Tucci, "Commutative Semigroups Whose Proper Subsemigroups are All of Smaller Cardinality", Weekly Algebra Seminar, University of Louisiana at Lafayette, Lafayette, LA., July 2000.

Ralph P. Tucci, "Semigroups Whose Equivalence Relations are All Congruences", Weekly Algebra Seminar, University of Louisiana at Lafayette, Lafayette, LA., Spring 2000.

Henry E. Heatherly and **Ralph P. Tucci**, "Adjoint Clifford Rings", Regional American Mathematical Society Meeting, Lafayette, LA., April 2000.

Henry E. Heatherly and **Ralph P. Tucci**, "The Circle Semigroup of a Ring", with Henry E. Heatherly, South Central Regional Algebra Conference, Lafayette, LA., October 1999, Invited Speaker.

Gary F. Birkenmeier and **Ralph P. Tucci**, "Homomorphic Images of Strongly Right Bounded Rings", National Meeting of the American Mathematical Society, San Antonio, TX., January 1987.

Ralph P. Tucci, "The Krull Radical", National Meeting of the American Mathematical Society, St. Louis, MO., January 1977.

Ralph P. Tucci, "Critical Rings", National Meeting of the American Mathematical Society, San Antonio, TX., January 1976.

(c) Research Proposals Authored or Co-authored

Ralph P. Tucci, Research in Rings and Semigroups, July 2001, funded by Loyola University New Orleans, \$616.

Janet G. Melancon and **Ralph P. Tucci**, LaCEPT Teaching Scholar Grant, August 1998 - July 1999, funded by LaCEPT, \$12,648.

Janet G. Melancon and **Ralph P. Tucci**, LaCEPT Teaching Scholar Grant, August 1997 - July 1998, funded by LaCEPT, \$18,000.

Janet G. Melancon, Anthony DiMaggio, and **Ralph P. Tucci**, "College Mathematics and Science: A Time for Learning", January 1997 - June 1999, funded by LaCEPT, \$51,300.

Bogdan D. Czejdo, Antonio M. Lopez, Kenneth C. Messa, X. Li, and **Ralph P. Tucci**, "Supporting Curriculum Changes in the Computer Information Systems and Computer Science Programs Using Visualization and Multimedia Laboratories", Fall 1996, funded by LEQSF, \$35,000.

Bogdan D. Czejdo, Antonio M. Lopez, Kenneth C. Messa, and **Ralph P. Tucci**, "REU Site: Research in Multi-Paradigm Software Design", May 1992 - October 1993, funded by

NSF, \$35,680.

Bogdan D. Czejdo, Antonio M. Lopez, Kenneth C. Messa, and **Ralph P. Tucci**,
"Software Engineering and CASE Lab", June 1991 – June 1992, funded by LEQSF, \$92,000.

(d) Exhibitions on or off campus

Not applicable.

(e) Plays or musical performances directed on or off Loyola's campus

Not applicable.

(f) Seminars on or off campus in which you were an invited participant or panel member

Since 1985 I have attended the Tulane Algebra Seminar once a week each semester and I have given on average one lecture per semester.

January 1998 meeting of the Greater New Orleans Teachers of Mathematics, Benjamin Franklin High School, New Orleans, LA., January 1998. I served as panelist on a discussion of high school mathematics and science education.

South Central Regional Algebra Conference, Lafayette, LA., October 1999.

"Congruences in Inverse Semigroups", UNO Colloquium Series, New Orleans, LA., Spring 1995.

"Infinite Automata", UNO ACM Student Chapter meeting, New Orleans, LA., Spring 1986.

(g) Conventions attended

South Central Regional Algebra Conference, University of Southern Alabama, Mobile, AL., March 2009.

South Central Regional Algebra Conference, University of Louisiana at Lafayette, September 2007.

South Central Regional Algebra Conference, Southeast Louisiana University, Hammond, LA., November 2004.

Annual Mathematics Conference University of Louisiana at Lafayette October 2002, Invited Speaker.

South Central Regional Algebra Conference, University of Southern Mississippi, Hattiesburg, MS., April 2001.

LaCEPT Mini-Conference for Education, Mathematics, and Science, Loyola University New Orleans, New Orleans, LA., December 2000.

Regional American Mathematical Society Meeting, University of Louisiana at Lafayette, Lafayette, LA., April 2000.

South Central Regional Algebra Conference, University of Louisiana at Lafayette, Lafayette, LA. October 1999.

GNOG Summer Workshop, University of New Orleans, New Orleans, LA., Summer 1999.

TIMMS Workshop, Baton Rouge, LA., May 1999.

GNOG Spring Conference, Southern University in New Orleans, New Orleans, LA., April 1999.

Conference in Honor of Laszlo Fuchs, Tulane University, New Orleans, LA., March 1999.

State LaCEPT Steering Committee Meeting, Woodworth, LA. August 1998.

GNOG Summer Workshop, University of New Orleans, New Orleans, LA., May 1998.

GNOG Fall Conference, University of New Orleans, New Orleans, LA., November 1998.

GNOG Spring Conference, Xavier University, New Orleans, LA., May 1998.

South Central Regional Algebra Conference, University of Southern Mississippi, Hattiesburg, MS., April 1998.

GNOTM Workshop, Ben Franklin High School, New Orleans, LA., January 1998.

GNOG Fall Conference, Loyola University New Orleans, New Orleans, LA., November 1997.

LaPROMPT2 Workshop, University of New Orleans, New Orleans, LA., May 1997.

State LaCEPT (Louisiana Collaborative for Excellence in Preparation of Teachers) Steering Committee meetings

SLU, Hammond, LA., Spring 1997,

LSU - Alexandria, Alexandria, LA., Fall 1997

Loyolathon: A Math Fair, Loyola University New Orleans, New Orleans, LA., May, 1997.

MAA-LA-MS Section Meeting, Millsaps College, Jackson, MS., February, 1997.

Shaping the Future of Undergraduate Science, Math, Engineering, and Technology, LSU, Baton Rouge, LA., January, 1997.

South Central Regional Algebra Conference, University of Louisiana at Lafayette, Lafayette, LA., October 1996.

LaPrompt2 Workshop, University of New Orleans, New Orleans, LA., May 1996.

Loyolathon - A Math Fair, Loyola University New Orleans, New Orleans, LA., May 1996.

Intermediate Benchmarks for Systemic Reform of Mathematics and Science Education, New Orleans, LA., December 1995.

Loyolathon - A Math Fair, Loyola University New Orleans, New Orleans, LA., May 1995.

South Central Regional Algebra Conference, University of Southern Mississippi, Hattiesburg, MS., April, 1995.

Conference on Semigroup Theory and its Applications in Memory of A. H. Clifford, Tulane University, New Orleans, LA., March 1994.

Loyolathon - A Math Fair, New Orleans, Loyola University New Orleans, New Orleans, LA., February 1994.

Teaching Science at the College Level, LSU, Baton Rouge, LA., January 1994.

South Central Regional Algebra Conference, University of Louisiana at Lafayette, Lafayette, LA., October 1993.

Arkansas /Louisiana/Mississippi 2000 Tri-State Invitational Conference in Mathematics and Science Education, New Orleans, LA., July 1993.

South Central Regional Algebra Conference, University of Louisiana at Lafayette, Lafayette, LA., October 1993.

South Central Regional Algebra Conference, University of Southern Mississippi, Hattiesburg, MS., 1992.

South Central Regional Algebra Conference, University of Louisiana at Lafayette, Lafayette, LA., 1991.

National Meeting of the Association for Computing Machinery, Louisville, Kentucky, Spring 1989.

South Central Regional Algebra Conference, University of Southern Mississippi, Hattiesburg, MS., 1989.

National Meeting of the American Mathematical Society, Atlanta, GA., January 1988.

Regional Meeting of the Association for Computing Machinery, Lafayette, LA., Fall 1987.

Greater New Orleans Mathematics Teachers Meeting, New Orleans, LA., Spring 1987.

National Meeting of the American Mathematical Society, San Antonio, TX., January 1987.

Regional Meeting of the Association for Computing Machinery, Dallas, TX., Fall 1986.

National Meeting of the American Mathematical Society, New Orleans, LA., January 1986.

National Meeting of the Association for Computing Machinery, New Orleans, LA., January 1985.

National Meeting of the American Mathematical Society, Atlanta, GA., January 1978.

National Meeting of the American Mathematical Society, St. Louis, MO., January 1977.

National Meeting of the American Mathematical Society, San Antonio, TX., January 1976.

(h) Written evaluations of the above items by competent authorities

Forthcoming to the CRTC.

IV. SERVICE TO THE COMMUNITY

(a) Service on university, college and/or departmental committees

University Service

Member of the Ad Hoc Committee to review the consequences of Pathways, Spring 2011

Chair, Ad Hoc Committee to advise the Provost's office on salary compression, Spring 2010 to present.

Member of the University Senate, 2009 to present.

Vice-Chair of the University Senate, Fall 2011 to present.

Member-At-Large of the Senate Executive Committee, Fall 2009 to Spring 2010.

University Handbook Revision Committee, Spring and Fall 2009.

University Budget Committee, Fall 2004 to Spring 2007.

Standing Committee for Academic Planning (SCAP), Fall 1988 to Spring 1999, Spring 2000, Fall 2003, Fall 2004 to Spring 2007.

Subcommittee to review Pathways Plan, Spring 2006.

University Senate, Fall 1986 to Spring 1988, Fall 2001 through Spring 2003, Spring 2006.

University Senate Faculty Awards Subcommittee, Spring 2003.

Student Affairs Policy Advisory Committee, Fall 1986 through Spring 1988.

University Graduate Council, Fall 2000 through Fall 2003.

University Planning Team, Fall 2000 through Spring 2002.

Arts and Sciences Subcommittee of the UPT on Institutional Objective #3 Educational and Co-Curricular Experience, Fall 2001.

Course Development/Faculty Development Committee, Fall 1998 through Spring 2001.

Chairman, Fall 1999 through Spring 2001.

Ad Hoc Committee to organize the opening celebration of the new library, Summer 1998.

Ad Hoc Committee to choose the Director of Academic Computing, Fall 1994 and Spring 1995.

College Service

Director, Computational Science Minor program, Fall 2009 to present .

Arts and Sciences Salary Oversight and Review Committee (SORC), Chairman, Fall 2003 to Spring 2006.

Arts and Sciences Graduate Council, Fall 2000 through Spring 2003.

Arts and Sciences College Elections Committee, Fall 2000 through Spring 2003.

Arts and Sciences Quality Enhancement Planning Team, Spring and Fall 2003.

Arts and Sciences Subcommittee of the UPT on Institutional Objective #3 Educational and Co-Curricular Experience, Fall 2001.

Assisted with the NCATE report for the Department of Education, Spring and Summer 2001.

Dean's Advisory Committee, Spring 1999.

Arts and Sciences Rank and Tenure Committee, Fall 1998 through Spring 2001.

Chairman, Fall 1998 through Spring 1999.

Administered campus LaCEPT (Louisiana Collaborative for Excellence in Preparation of Teachers) group, Spring and Fall 1997, Fall 1998, and Spring 1999.

- organized meetings for LaCEPT faculty three times per semester
- administered budget
- organized on-campus external review
- served as liaison to the state LaCEPT organization

Teaching Scholar organizer - organized mathematics and science activities for three Loyola Teaching Scholars, Summer and Fall 1997 and Summer and Fall 1998.

Working Committee to organize the GNOC Fall conference, Summer 1998.

LaSIP Advisory Board, Spring 1995 to Spring 1997.

Curriculum Committee of the College of Arts and Sciences, Fall 1986 through Spring 1989
Chairman, Fall 1988 through Spring 1989.

Ad Hoc Committee on Grade Appeal, Fall 1985.

Departmental Service

Departmental Vice Chairman for Computer Science, Fall 2001 to Spring 2006. Duties included:

Scheduling Computer Science courses

Handling student curriculum issues (course substitutions, etc.)

In Spring 2006, after the announcement of the cancellation of Computer Science, I was responsible for responsible for advising all of our Computer Science and Computer Information Systems majors, a total of 35 students. For each student I determined what they needed to take to complete their Computer Science course requirements by the end of academic year 2006 – 2007.

I wrote the in-depth review of Computer Science and Computer Information Systems as well as the SACS report for Computer Science, Fall 2004

Departmental Salary Committee, Spring 2001, Spring 2002, Spring 2003, Spring 2004, Spring 2005, Spring 2006.

Departmental Evaluation Committee, Fall 2002, Fall 2003, Fall 2004.

Chairman of the Search Committee for Computer Science, Fall 2001.

Departmental Student Honors Committee, Spring 2001, Spring 2002, Spring 2003, Spring 2005, Spring 2006.

Departmental Protocol Revision Committee, Fall 2000.

Departmental Executive Committee, Fall 1995 through Spring 1998.

Department Chairman, Fall 1993 through Fall 1995.

Departmental Protocol Revision Committee, Fall 1992 and Spring 1993.

Computer Science Curriculum Revision Committee, Spring 1992.

Coordinator for Computer Science 106, a service course that was then required for all business majors, Fall 1988.

Member of a departmental committee to prepare for an outside review of the computing curriculum, Spring 1988. My responsibility was to gather and prepare syllabi for all computer science courses and for mathematics courses required of computer science majors.

Departmental Curriculum Committee on Mathematics, Spring 1987.

Faculty Advisor for the Student Chapter of the Association for Computing Machinery, Fall 1986 through Spring 1988. In this capacity I ran two student programming contests at Loyola in the Fall of 1986 and 1987 to choose programming teams for the regional meetings. I also supervised the arrangements for the trips to the meetings and accompanied the students to the meetings.

(b) Special service for the benefit of Loyola University

President's Open House, Spring 1999, Spring 2000, and Spring 2001.

Phonathon for recruiting, Spring 1992.

I spoke on the Loyola undergraduate computer science curriculum at the Greater New Orleans Teachers of Mathematics Meeting, Spring 1987. (See III(i).)

Faculty recruiter for Loyola at the National Meeting of the American Mathematical Society, Atlanta, GA., January 1988.

Faculty recruiter for Loyola at the National Meeting of the Association for Computing Machinery, Louisville, KY., Spring 1988.

(c) Service to the New Orleans community

GNOC (Greater New Orleans Collaborative) Fall and Spring 1987

GNOC Steering Committee for Conferences

GNOC Working Committee for Summer 1997 LaPROMPT Workshop

GNOC Conference Committee for Fall 1987 GNOC Conference

(d) Service at the state and/or national level

Member, Local Arrangements Committee for the 1985 National Meeting of the Association for Computing Machinery

Member, State LaCEPT Steering Committee, 1997 and 1998.

(e) Contributions to the profession

Member, American Mathematical Society.

Treasurer, Loyola New Orleans AAUP Chapter, Fall 2004 to Spring 2006.

External Observer for the AAUP at Tulane University at a dismissal hearing for a tenured faculty member, Fall 2004.

Reviewed one paper for *The Journal of Mathematics and Computer Education*, Fall 2006.

Reviewed one paper for *The Bulletin of the Belgian Mathematical Society*, Spring 2004.

Reviewed one paper for *The Journal of Mathematics and Computer Education*, Spring 2001.

Reviewed one paper for *The Journal of Mathematics and Computer Education*, Spring 1999.

Reviewed three papers for ETCE Computers in Engineering Symposium, Fall 1992.

Reviewed three papers for ICCI '92, Spring 1992.