

October 28, 2016

## David C. Manderscheid

College of Arts and Sciences  
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The Ohio State University  
Columbus, OH 43210  
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### Education

1976-81 Ph.D. in Mathematics, Yale University  
1973-76 B.S. in Mathematics, Michigan State University

### Employment

2013- Executive Dean of the College of Arts and Sciences, Vice Provost for Arts and Sciences, Professor of Mathematics, The Ohio State University  
2007-13 Dean of the College of Arts and Sciences and Professor of Mathematics, University of Nebraska-Lincoln  
2001-07 Professor and Chair, Department of Mathematics, University of Iowa  
1997-01 Associate Chair and Director of the Graduate Program, Department of Mathematics, University of Iowa  
1995 Member, Spring Semester, Mathematical Sciences Research Institute, Berkeley, CA  
1988-89 Member, Institute for Advanced Study, Princeton, NJ  
1988-01 Associate Professor, University of Iowa  
1988 Member, Spring and Summer Semesters, Mathematical Sciences Research Institute, Berkeley, CA  
1987-88 NSF Mathematical Sciences Postdoctoral Fellow and Assistant Professor, University of Iowa  
1985-87 NSF Mathematical Sciences Postdoctoral Fellow and Visiting Assistant Professor, University of Iowa  
1984-85 Instructor, University of Utah  
1983-84 Visiting Assistant Professor, University of Iowa  
1981-83 Instructor, University of Utah

### Honors and Awards

2013 Fellow, American Association for the Advancement of Science  
2012 Fellow, American Mathematical Society (AMS), member of the inaugural class of fellows  
2011 Admiralship in the Great Navy of the State of Nebraska (service to the State), from Governor Dave Heineman  
2009 Honorary Membership in Phi Beta Kappa  
2009 AMS Award for an Exemplary Program or Achievement in a Mathematics Department (one award given annually), University of Nebraska-Lincoln Department of Mathematics  
2008 AMS Award for an Exemplary Program or Achievement in a Mathematics Department, University of Iowa Department of Mathematics

- 2007 Sloan Foundation Special Recognition, for my work with underrepresented minority graduate students
- 2006 AMS Committee on the Profession, Programs That Make a Difference Award to the University of Iowa Department of Mathematics for its work with underrepresented minority graduate students
- 2005 Presidential Award for Excellence in Science Mathematics and Engineering Mentoring (PAESMEM), NSF and the White House, presented by President George W. Bush to the University of Iowa Department of Mathematics
- 2004 Marion L. Huit Award (outstanding teaching, research, and service to students), University of Iowa
- 2004 Graduate College Fall Commencement Speaker, University of Iowa
- 2002 Outstanding Mentor Award, University of Iowa Graduate College
- 2002-03 CIC (Big Ten) Academic Leadership Program Fellow
- 2001-07 Sloan Foundation designated minority Ph.D. student mentor
- 2001 Visiting Professor, Université Paris 7 (Denis Diderot)
- 1996 Commendation for Good Teaching, University of Iowa Panhellenic Council
- 1996 University of Iowa Homecoming Parade Judge
- 1995 Membership, Spring and Summer Semesters, Mathematical Sciences Research Institute (MSRI), Berkeley, CA
- 1991 Collegiate Teaching Award, University of Iowa
- 1989-90 Van Allen Fellowship, University of Iowa
- 1988-89 Academic Year Membership, Institute for Advanced Study, Princeton, NJ
- 1988 Membership, Spring & Summer Semesters, Mathematical Sciences Research Institute, Berkeley CA
- 1985-88 NSF Mathematical Sciences Postdoctoral Fellowship
- 1980 Yale College Teaching Prize
- 1975 Phi Kappa Phi, Michigan State University

### **Memberships and Offices**

- 2015-18 President Elect, President, Past President, three consecutive one year terms, Council of Colleges of Arts and Sciences (CCAS)
- 2012-18 Board of Directors, CCAS
- 2007- Member, CCAS
- 2006- Member, Society for Industrial and Applied Mathematics
- 2001- Member, American Association for the Advancement of Science
- 1998-01 Executive Committee, Iowa Section, Mathematical Association of America,
- 1999-00 Chair, Iowa Section, Mathematical Association of America
- 1986- Member, Mathematical Association of America
- 1979- Member, American Mathematical Society

## Scholarship and Creative Activity:

### External Funding

- 2010-13 NSF grant, PI, High-Power Laser Science Collaboratory, \$1,825,345
- 2009-10 NSF grant, co-PI, Finding and Keeping Graduate Students in the Mathematical Sciences II, a conference at the American Institute for Mathematics, Palo Alto, \$49,932
- 2008-13 NSF Grant, co-PI, ADVANCE Institutional Transformation Award: An institution-wide collaboration to hire, retain, and promote women STEM faculty at the University of Nebraska-Lincoln, \$3,801,448
- 2008-10 NSA (National Security Agency) Grant, co-PI, Travel Grants for Presentations by Undergraduate and Graduate Students at MathFest, \$30,238.
- 2007-10 GAANN (Graduate Assistance in Areas of National Need) Grant, PI, U.S. Dept. of Education, \$767,286 (turned over PI status upon leaving Iowa.)
- 2006-11 NSF Grant, PI, EMSW21-VIGRE: The Iowa Mathematics Initiative, \$3,000,000 (turned over PI status upon leaving Iowa.)
- 2006-07 NSF Grant, PI, Conference on the Representation Theory of p-adic Groups, \$20,000
- 2005-07 NSF Grant, PI, PAESMEM: Iowa Mathematics, \$10,000
- 2003-07 GAANN Grant, PI, U.S. Dept. of Education, \$693,432
- 2002 NSF-AMS Travel Grant, International Congress of Mathematicians, Beijing
- 2001-05 GAANN Grant, PI, U.S. Dept. of Education, \$543,420
- 2001 Visiting Professorship, Université Paris 7 (Denis Diderot), CNRS (French NSF)
- 2000-04 GAANN Grant, PI, U.S. Dept of Education, \$499,644
- 1998-02 GAANN Grant, co-PI, U.S. Dept. of Education, \$456,582
- 1997-00 NSA Grant, PI, Theta correspondences over p-adic fields, \$32,286
- 1997-99 GAANN Grant, co-PI, U.S. Dept. of Education, \$507,318
- 1995 Membership, Mathematical Sciences Research Institute, Spring Semester, partial support
- 1990-96 NSF Grant, co-PI, Representation theory of p-adic groups, \$609,500
- 1988-89 Membership, Institute for Advanced Study, fully supported by IAS
- 1988 Membership, Mathematical Sciences Research Institute, Spring and Summer Semesters, fully supported by the Institute and NSF
- 1985-88 NSF Mathematical Sciences Postdoctoral Fellowship, \$78,000
- 1984-86 NSF Grant, PI, Supercuspidal representations of reductive p-adic groups, \$36,964

### Publications (all refereed)

17. D. Manderscheid, *Lectures on the Local Theta Correspondence*, in the book *p-adic Representations,  $\Theta$ -Correspondence and the Langlands-Shahidi Theory*, Edited by Ye Yangbo and Tian Ye, Science Press, Beijing, 2013, 94-107.
16. D. Manderscheid, *Base change and theta correspondences for supercuspidal representations of  $SL(2)$* , *Journal of Algebra*, 375(2013), 13-21.
15. D. Manderscheid, invited review of *The Formation of Scholars: Rethinking Doctoral Education for the Twenty First Century*, *Notices of the American Mathematical Society* 56(2009), 611-613.

14. D. Manderscheid, *Changing the culture of a mathematics department: The Iowa experience*, invited paper, *Mathematicians and Education Reform (MER) Newsletter*, 16(#4)(2006), 1-4
13. D. Manderscheid, *Waldspurger's involution and types*, *Journal of the London Mathematical Society*, 70(2004), 567-586.
12. D. Manderscheid, *Base change for  $p$ -adic  $SL(2)$  as a theta correspondence II: Jacquet modules*, *Pacific Journal of Math*, 199(2001), 447-466.
11. D. Manderscheid, *Increasing the number of minority Ph.D.'s in mathematics*, invited paper, *Mathematicians and Education Reform Newsletter*, 12(#3)(2000), 10-13.
10. D. Manderscheid, *Base change for  $p$ -adic  $SL(2)$  as a theta correspondence III: Pairing*, *Journal of Number Theory*, 85(2000), 1-17.
9. D. Manderscheid, *Base change for  $p$ -adic  $SL(2)$  as a theta correspondence I: Occurrence*, *Proc. Am. Math. Soc.*, 127(1999), 1281-1288.
8. D. Manderscheid, *Supercuspidal representations and theta correspondences II,  $SL(2)$  and the anisotropic  $O(3)$* , *Trans. Amer. Math. Soc.*, 336(1993), 805-816.
7. D. Manderscheid, *Supercuspidal representations and the theta correspondence*, *Journal of Algebra*, 151(1992), 375-407.
6. P. Kutzko and D. Manderscheid, *On the supercuspidal representations of  $GL_N$ ,  $N$  the product of two primes*, *Ann. Sci. Ec. Norm. Sup.*, 4<sup>e</sup> série, t.23(1990), 39-88, erratum, 25(1991), 139-140.
5. P. Kutzko and D. Manderscheid, *On intertwining operators of  $GL_N(F)$ ,  $F$  a nonarchimedean local field*, *Duke Journal of Mathematics*, 57(1988), 275-294.
4. P. Kutzko and D. Manderscheid, *On the supercuspidal representations of  $GL_4$* , *Duke Journal of Mathematics*, 52(1985), 841-867.
3. D. Manderscheid, *Supercuspidal duality for the two-fold cover of  $SL_2$  and the split  $O_3$* , *American Journal of Mathematics*, 107(1985), 1305-1323.
2. D. Manderscheid, *On the supercuspidal representations of  $SL_2$  and its two-fold cover II*, *Mathematische Annalen*, 266(1984), 297-305.
1. D. Manderscheid, *On the supercuspidal representations of  $SL_2$  and its two-fold cover I*, *Mathematische Annalen*, 266(1984), 285-296.

**Invited Talks and Presentations:** Titles are given for talks and presentations since 1997.

2017

- AMS/MAA National Meeting, Special Session on Teaching Assistant Development Programs: *Why and How?*, *A Dean's Perspective*, Atlanta
- AMS/MAA National Meeting, panelist, *Education and Science Policy*, Atlanta

2016

- Mumei-Juku, *Translational Data Analytics*, Tokyo
- MAA MathFest, Panelist, *Applying for a Job in Mathematics*, Columbus
- MAA MathFest, Panel Moderator, *Education and Science Policy*, Columbus

2015

- AMS/MAA National Meeting, panelist, *Recruiting, Retaining, Mentoring, and Evaluating "Contract Faculty,"* San Antonio
- AAU Arts and Sciences Deans' Meeting, panelist, *Campus Climate: Issues relating to gender, race, international students*, Seattle
- MAA MathFest, panelist, *Special Panel Session on Science Policy*, Washington DC
- CCAS Annual Deans' Meeting, *Gender Issues Breakfast: Gender and Fundraising*, panelist, Washington DC
- CCAS Annual Dean's Meeting, *CRITICAL ISSUE FORUM: Talking to Legislators and Government Officials about the Arts & Sciences*, Washington DC

2014

- AMS/MAA National Meeting, Special Session on the Representation Theory of p-adic Groups, *Using Types and Lattice Models to Relate Theta Correspondences*, Baltimore
- AAU Arts and Sciences Deans' Meeting, panelist, *Managing Up and Down*, New Orleans
- Business Higher Education Forum Member Meeting, *Building the Talent Ecosystem: Strategic Collaborations between Business and Higher Education in Data Science*, panelist, Washington DC
- CCAS Annual Deans' Meeting, *Responsibility Center Management: Beginning, middle and beyond*, panelist, San Antonio
- CCAS Annual Deans' Meeting, *The Top Ten Things I Have Learned as Dean*, San Antonio

2013

- CCAS Annual Deans' Meeting, *New Deans Seminar*, panelist, Jacksonville
- CCAS Annual Deans' Meeting, *Twitter for Dummies (and Deans)*, organizer and panelist, Jacksonville
- University of Michigan, Department of Mathematics, *International Undergraduate Students: Challenges and Opportunities*, panelist

2012

- AMS/MAA National Meeting, Moderator, AMS Committee on Science Policy Session, *The Changing Landscape of Research Funding for Mathematics: A Conversation with NSF Director Dr. Subra Suresh*, Boston
- AMS/MAA National Meeting, AMS-MAA-SIAM Special Event, Moderator, *Forum for Community Input on the Proposed NSF Division of Mathematical Sciences Name Change*, Boston
- CCAS New Dean's Workshop, Facilitator and co-Director, Minneapolis
- CCAS Annual Deans' Meeting, *New Deans Seminar*, Panelist, Seattle

2011

- AMS/MAA National Meeting, Panelist, MAA Panel Discussion, *Career Options for Undergraduate Mathematics Majors*, New Orleans

- AMS/MAA National Meeting, Panelist, MAA Panel Discussion, *Interviewing for a Job in the Mathematical Sciences*, New Orleans
- AMS Regional Meeting, Special Session on Global and p-adic Representation Theory, *Base Change and Theta Correspondences for Supercuspidal Representations of  $SL(2)$* , Iowa City
- p-adic Beijing 2011 - Workshop on the Representation Theory of p-adic Groups, four lectures, *Theta Correspondences*, Morningside Center of Mathematics, Academy of Mathematics and System Science, Beijing
- CCAS New Dean's Workshop, Facilitator, St. Louis
- MAA MathFest, Special Session, Cultural and Philosophic Underpinnings of Western Science: Implications for American Mathematics in the Twenty-First Century, *Cultural Aspects of Finding and Keeping Graduate Students in the Mathematical Sciences*. Lexington
- CCAS Annual Deans' Meeting, *New Deans Seminar*, Panelist, Montreal.
- Tata Institute for Fundamental Research, Colloquium, *Theta Correspondences: An introduction*, Mumbai
- Tata Institute for Fundamental Research, Seminar, *Base Change for  $SL(2)$  as a Theta Correspondence*, Mumbai

2010

- AMS/MAA National Meeting, Panelist, AWM (Association for Women In Mathematics) Panel Discussion, *Dual Careers or Dueling Careers?: Jobs and the Two-Body Problem*, San Francisco
- AMS/MAA National Meeting, Panelist, MAA Panel Discussion, *Interviewing for a Job in the Mathematical Sciences*, San Francisco
- AAU Arts and Sciences Deans' Meeting, Panelist and Panel Chair, *Shared Governance*, Boulder
- MAA MathFest, Panelist, *Applying for a Job in Mathematics*, Pittsburgh
- National Alliance Mathematical Field of Dreams Conference, Panelist, *Careers in Academia*, Iowa City
- CCAS Annual Deans' Meeting, Panelist, *Innovative Practices that Support the Recruitment, Retention and Advancement of STEM Faculty*, New Orleans

2009

- AMS/MAA National Meeting, Panelist, AWM Panel Discussion, *What is the Right Job for Me?*, Washington, DC
- AMS/MAA National Meeting, Panelist, MAA Panel Discussion, *Interviewing for a Job in the Mathematical Sciences*, Washington, DC
- University of North Texas, Millican Lectures, *Mentoring: A Community Activity*
- University of North Texas, Millican Lectures, *Langlands Functoriality and Howe Correspondences*
- AAU Arts and Sciences Deans' Meeting, panelist, *Faculty Life Cycles*, Rochester, NY
- Leadership Workshop: Finding and Keeping Graduate Students in the Mathematical Sciences II, Panelist for two panels, *Recruitment and Perspective from the Dean's Office*, Moderator for two panels, *The Issues, Retention*, American Institute for Mathematics, Palo Alto
- MAA MathFest, Panelist, *Applying for a Job in Mathematics*, Portland
- MAA Project NEXt, Panelist, *Putting Together Pre-tenure Review Materials*, Portland

2008

- AMS/MAA National Meeting, AMS Special Session on Representation Theory and Character Theory, *Quadratic Base Change for  $SL(2)$  as a Theta Correspondence: Supercuspidal Representations*, San Diego
- AMS/MAA National Meeting, Workshop Leader, *AMS Workshop for Department Chairs and Department Leaders*, San Diego
- AMS/MAA National Meeting, Panelist, MAA Panel Discussion, *Interviewing for a Job in the Mathematical Sciences*, San Diego
- Northwest University, Colloquium, *Langlands Functoriality and Howe Correspondences: An example*, Xi'an, China
- Xi'an Jiatong University, Colloquium, *Langlands Functoriality and Howe Correspondences: Three Examples*, Xi'an
- MAA MathFest, Panelist, *Applying for a Job in Mathematics*, Madison
- MAA MathFest, Panelist, *Finding a Good Fit in a Graduate Program*, Madison
- Promoting Diversity at the Graduate Level in Mathematics: A National Forum, MSRI, Panel Moderator, *What Can be Done?*, Berkeley
- SINO-US Summit on Science Education and Research, co-Chair and Panelist, *Re-inventing Undergraduate Programs*, Beijing

2007

- AMS/MAA National Meeting, Workshop Leader, *AMS Workshop for Department Chairs and Department Leaders*, New Orleans
- AMS/MAA National Meeting, Panelist, MAA Panel Discussion, *Interviewing for your First Job*, New Orleans
- Deans Summit, Rice University, *Increasing the Number of Minority PhDs*
- Rice University, University of Houston and Rice AGEP Annual Meeting, *Mentoring: A Community Activity*
- University of Iowa College of Education, Yaeger Diversity Conference, Panelist, University Programs Panel, *Increasing the Number of Minority PhDs*
- University of Nebraska - Lincoln, Faculty Retreat, *Increasing the Number of Minority PhDs*
- AMSSI (Applied Mathematical Sciences Summer Institute), NSF/NSA REU, Loyola Marymount University, *The Distribution of Primes*
- MAA MathFest, Panelist, *Applying for Jobs in Mathematics*, San Jose
- NSF JAM (Joint Annual Meeting), Panelist, *Best Practices in Mentoring*, Washington, DC

2006

- AMS/MAA National Meeting, Workshop Leader, *AMS Workshop for Department Chairs and Department Leaders*, San Antonio
- AMS/MAA National Meeting, Panelist, MAA Panel Discussion, *Interviewing for your First Job*, San Antonio
- AMS/MAA National Meeting, MER Special Session on Mentoring, *The Mathematics Program at the University of Iowa: A Community of Mentors*, San Antonio
- AMS/MAA National Meeting, MAA Session "Models That Work: Building Diversity in Advanced Mathematics", *Increasing the Number of Minority PhD's in Mathematics*, San Antonio
- AMS/MAA National Meeting, AMS Committee on the Profession Session on Programs that Work, *The Mathematics Graduate Program at the University of Iowa*, San Antonio
- CIC Council of Graduate Deans Meeting, Panelist, *Best Practices in Graduate Student Recruitment*, Madison

- Wabash College NSF-REU, *The Distribution of Primes*
- SIAM National Meeting, *Increasing the Number of Minority Ph.D.'s*, Boston
- Summer School on the Representation Theory of  $p$ -adic Groups, Principal Lecturer, ten lectures, *The Representation Theory of  $GL(2, F)$ ,  $F$  a  $p$ -adic Field*, Shandong University, Weihai, China
- Chinese Academy of Sciences Institute of Mathematics, Colloquium, *Langlands Functoriality and Theta Correspondences*, Beijing
- Blackwell-Tapia Conference, Panelist, *Recruitment and Retention*, Institute for Mathematics and its Applications, Minneapolis
- University of Maryland Baltimore County, Department of Mathematics, Colloquium, *Increasing the Number of Minority PhDs in the Mathematical Sciences*
- Leadership Workshop: Finding and Keeping Diverse Graduate Students in the Mathematical Sciences, Panelist for two panels, *Recruitment, Retention*, American Institute for Mathematics, Palo Alto

2005

- AMS/MAA National Meeting, Panelist, *Interviewing for your First Job*, Atlanta
- Harvard University, National Bureau of Economic Research, Conference, *Diversifying the Science & Engineering Work Force: Women, Underrepresented Minorities, and their S&E Careers*, *Minorities in the Iowa Mathematics Ph.D. program*
- Clemson University, Third National Conference on Best Practices in Black Student Achievement, *The Iowa Mathematics Ph.D. program*
- NSF PAESMEM Symposium, *The Iowa Mathematics Ph.D. Program*, Washington D.C.
- Wabash College NSF-REU, *How Common are Primes?*
- XVI Coloquio Latinoamericano de Álgebra, Conference, *Quadratic Base Change for  $p$ -adic  $SL(2)$  as a Theta Correspondence*, Colonia del Sacramento, Uruguay
- Engaging Young Mathematicians: An NSF workshop on majors and the transition to graduate work, *Attracting More Groups to Mathematics*, Washington, DC
- University of Arizona, Colloquium, *Underrepresented Minorities in Mathematics: The Iowa Experience*
- University of Arizona, Number Theory Seminar, *Quadratic Base Change for  $p$ -adic  $SL(2)$  as a Theta Correspondence*
- University of Arizona, SUMS (undergraduate math club), *Being a Mathematician*
- University of Oklahoma, Colloquium, *Langlands Functoriality and Howe's Theory of Theta Correspondences: An Introduction and Some Examples*

2004

- University of Puerto Rico, Mayaguez, Colloquium, *Think Globally, Act Locally: An Introduction to  $p$ -adic Numbers*
- University of Iowa, *The Future of Graduate Education*, Conference, Panelist, *Mentoring*
- MAA Math Fest, co-Leader, *Workshop on Training TA's*, Providence

2003

- EMERGE Workshop, Panelist, *The Transition to Graduate School*, Atlanta
- Iowa State University, Workshop Leader, *Applying for GAANN Grants*
- University of Wisconsin at Madison, Number Theory Seminar, *Waldspurger's Involution and Types*
- STEM Pathways Workshop, Panelist, *Plenary Session: Panel of Program Directors*, NSF, Arlington, VA



2002

- AMS Regional Meeting, Special Session on Lie Groups and Representation Theory, *Supercuspidal Representations of the Two-fold Cover of  $SL(2)$  in the Case  $p=2$* , Madison
- International Congress of Mathematicians Satellite Conference, Number Theory and Arithmetic Geometry, Plenary Lecture, *Supercuspidal Representations of the Two-fold Cover of  $SL(2)$  in the Case  $p=2$* , Weihai, China
- Functorialité de Langlands: progrès récents, Conference, *Packets and Types for the Two-fold Cover of  $SL(2)$* , Luminy, France

2001

- AMS-MAA National Meeting, Panelist, *Increasing the Number of Minority Ph.D.'s in Mathematics through GAANN*, New Orleans
- Journées Solstice d'Ete, Conference, *Packets and Types for Covering Groups: The Example of  $SL(2)$* , Paris
- SIMU (Summer Mathematics Institute for Undergraduates), NSA/NSF REU, University of Puerto Rico, Humacao, *Think Globally, Act Locally: An Introduction to  $p$ -adic Numbers*
- AMS-MER (Mathematicians in Education Reform) Workshop on Professional Masters Programs, Panelist, *Department Case Studies in Designing, Implementing and Sustaining a Masters in Teaching Program*, Cincinnati

2000

- AMS-HKMS (Hong Kong Mathematical Society) International Meeting, Special Session on Representation Theory, *Waldspurger's Involution and Types*, Hong Kong
- AMS-MAA National Meeting, AMS Special Session on Mathematics Education Reform, *Increasing the Number of Minority Ph.D.'s in Mathematics*, Washington DC
- AMS-MAA National Meeting, Special Session on Innovative Teaching Assistant Development, *TA Development at Iowa*, Washington, DC
- XVth Interuniversity Mathematical Research Seminar of Puerto Rico, *Theta Correspondences and the Langlands Program: An Example*, Mayaguez, Puerto Rico

1999

- Workshop on representations of reductive  $p$ -adic groups, Centre de Recherches Mathématiques, *Quadratic Base Change for  $p$ -adic  $SL(2)$  as a Theta Correspondence*, Montreal

1998

- U of Wisconsin, Eau Claire, La Crosse and Stevens Point, Math Club Lecturer, *An Introduction to  $p$ -adic Numbers*

1997

- AMS regional meeting, Special Session on Lie Groups and Automorphic Forms, *On the Role of One-dimensional Representations in the Theta Correspondence*, College Park, MD

1996

- AMS-National Meeting, Special Session on Representation Theory and Harmonic Analysis, Orlando
- University of Oklahoma, Karcher Visitor, two lectures

1995

- Mathematical Sciences Research Institute
- University of Washington

1994

- Theta-correspondences, Dual Pairs and Automorphic Forms, Conference, University of Maryland

- Humboldt University, Berlin
- 1993
- Purdue University
- 1992
- University of Maryland
- 1991
- University of Washington
  - University of Missouri, St. Louis
- 1990
- US-France Conference on the Representation Theory of  $p$ -adic Groups, Luminy, France
- 1989
- Institute for Advanced Study
  - University of Washington
  - Yale University
  - Algebraic Number Theory Conference, Akademie der Wissenschaften, Binz, East Germany
- 1988
- Mathematical Sciences Research Institute
  - University of Maryland
  - Number Theory Conference, Union College
  - University of South Carolina
  - Rutgers University, Newark
- 1987
- AMS regional meeting, Special Session, Newark
  - North Carolina State University
  - Emory University
- 1986
- AMS-MAA national meeting, AMS Special Session, New Orleans
  - US-France Representation Theory Conference, Iowa City
- 1985
- Cambridge University
  - $p$ -adic Groups in the Tall Corn, Workshop, Iowa City
  - Oklahoma State University
- 1984
- University of California at Berkeley
  - Yale University
- 1983
- $p$ -adic Summer, Workshop, University of Chicago
- 1981
- Midwest Representation Theory and Automorphic Forms Conference, University of Chicago

## Service

### Departmental Service at Iowa

2001-07 Chair  
1998-07 Minority Student Recruitment and Development Committee  
1997-01 Associate Chair and Director of the Graduate Program  
1995-97 Graduate Committee  
1993-95 Evaluation of Teaching Effectiveness Committee, Chair  
1991-93 Ph.D. Comprehensive Exam Committee  
1991-92 Self-Study Committee  
1989-93 Hiring Committee

### College Service at Ohio State

2013- Executive Dean of the College of Arts and Sciences

### College Service at Nebraska

2007-13 Dean of the College of Arts and Sciences

### College Service at Iowa

2006-07 Executive Committee  
2005-06 Review Committee for Literature, Science and the Arts Program, Chair  
2004 Search Committee, Associate Dean for Academic Programs, Chair  
2003-06 Dean's Advisory Board  
2002-05 Executive Committee  
2001-07 Chair, Mathematics Department  
1999, 00 Workshop on TA training  
1998 Ad hoc Officer Nomination Committee, Faculty Assembly  
1998 Panelist, New Faculty Orientation  
1997-00 Faculty Assembly  
1993-96 Admissions Committee  
1994 Internal Review Committee for the Chemistry Department

### University Service at Ohio State

2016- Ohio State ADVANCE Advisory Board  
2016- Global Water Institute Oversight Committee  
2016- President's and Provost's Council on Strategic Internationalization  
2016 St. John Arena Site Redevelopment Steering Committee  
2016- Industry Partnerships Space Allocation Task Force  
2016- Executive Sponsor Group for the Standing Committee on Student Success and Retention  
2015-16 President and CEO of the OSU Alumni Association Search Committee  
2015 University Libraries Director and Vice Provost Search Committee, Chair  
2014- Enrollment Planning Committee  
2014- Discovery Themes Initiative, Executive Committee  
2014- Lead Dean, Translational Data Analytics Initiative  
2014- Data Analytics Collaborative Faculty Advisory Committee, Chair  
2014- Senior Management Council  
2014 Review Committee for Exec. Dean MacDonald

2013- Internal Advisory Board OSU James Comprehensive Cancer Center  
 2013- OSU Foundation Board of Directors  
 2013- Senate Steering Committee  
 2013- Senate Fiscal Committee  
 2013- University Senate  
 2013- Town/Gown Arts Advisory Committee  
 2013-15 President's Council (disbanded in 2015)  
 2013- Provost's Council  
 2013- Executive Deans Council  
 2013- Deans Council

### **University Service at Nebraska**

2010-11 College of Engineering Dean Search Committee, Chair  
 2010-11 Weaver-Douglas Professorship Committee  
 2009-11 Academic Planning Committee  
 2009-10 Ad-hoc Committee on Faculty Effort Apportionment  
 2009-10 Law School Dean Search Committee, co-Chair  
 2009-13 Faculty Compensation Advisory Committee  
 2008-09 Law School Dean Search Committee  
 2008 NuGrant Advisory Board  
 2007-10 International Programs Advisory Council  
 2007-12 Endowed Chairs and Professorships Committee  
 2007-13 Jeffrey S. Raikes School of Computer Science and Management (formerly JD Edwards Program) Academic Advisory Board  
 2007-10 Modeling Enrollment Management Committee  
 2007-11 Math in the Middle Advisory Board  
 2007-13 Deans Council

### **University Service at Iowa**

2006-07 Campus Wireless Advisory Committee  
 2006-07 University Charter Diversity Committee, co-Chair  
 2006 Catalyst Award (University-wide Diversity Award) Selection Committee  
 2005-07 Provost's Task Force on the Mentoring of Junior Faculty  
 2005-07 Provost and VP for Research Blue Ribbon Task Force on Academic and Research Programs in the Life Sciences and Physical and Mathematical Sciences  
 2005-06 Finkbine Dinner Committee (select Hancher-Finkbine Medallion winners, an award for faculty, student and alumni service to the University)  
 2004-05 President's Athletics Merger Review Committee  
 2004 Graduate College Summer Commencement Speaker  
 2004 CIC-ALP Fellow Selection Reviewer  
 2003-04 College of Education Search Committee for senior hire in Science Education  
 2003 Graduate College Outstanding Mentor Award Selection Committee  
 2002 Search Committee for Center for Teaching Director, Chair  
 2001-05 Faculty Senate Committee on Elections  
 2001-04 Graduate Council  
 2000-01 Graduate College Ad Hoc Committee on ESL and TAPE programs  
 1999-02 Faculty Council, an elected working subgroup of Faculty Senate  
 1999-02 Conflict of Interest in Research Committee  
 1998-00 President's Award for Technology Innovation Committee, Chair 1998

1998-00 VP for Research Advisory Committee in Physical and Mathematical Sciences, Convener 1999-2000  
 1998-99 Center for Teaching Review Committee, Chair  
 1997-00 Council on Teaching, Chair 1999-2000  
 1997-02 Faculty Senate  
 1990-93 Center for Advanced Studies at the University of Iowa, Advisory Committee  
 1989-90 VP for Research, Ad hoc Committee on Space Allocation at the Oakdale Campus

### Conferences Organized

2015 Harmonic Analysis, Group Representations, Automorphic Forms, and Invariant Theory, co-organizer, Yale University  
 2010 Mississippi Valley Deans Meeting, organizer, University of Nebraska-Lincoln  
 2009 Finding and Keeping Diverse Graduate Students in the Mathematical Sciences II, co-organizer, American Institute for Mathematics, Palo Alto  
 2007 Midwest Geometry Conference (in memory of Tom Branson), co-organizer, University of Iowa  
 2007 Iowa Mathematical Field of Dreams, co-organizer, University of Iowa  
 2006 Leadership Workshop: Finding and Keeping Diverse Graduate Students in the Mathematical Sciences, co-organizer, American Institute for Mathematics, Palo Alto  
 2006 Fourth bi-annual Blackwell-Tapia Conference, co-organizer, Institute for Mathematics and its Applications (IMA), Minneapolis  
 2006 Representation Theory of  $p$ -adic groups, co-organizer, University of Iowa  
 2004 AMS-NSF Conference on Mentoring in Mathematics, co-organizer, Tucson  
 1999 Iowa Section MAA, Annual Meeting, organizer, University of Iowa  
 1991-95  $p$ -adic Field of Dreams, annually, co-organizer, University of Iowa

### Conference Sessions Organized

2011 AMS/MAA National Meeting Panel, Interviewing for a job in the mathematical sciences, New Orleans, January  
 AMS/MAA National Meeting Poster Session, Professional Science Masters Degrees in the Mathematical Sciences, New Orleans, January  
 2010 AMS/MAA National Meeting Panel, Interviewing for a job in the mathematical sciences, San Francisco  
 AMS/MAA National Meeting Panel, Finding a research topic and thesis advisor, San Francisco  
 MAA MathFest Panel, How to Apply for Jobs, Pittsburgh  
 2009 AMS/MAA National Meeting Panel, Interviewing for a job, Washington DC  
 MAA MathFest Panel, How to Apply for Jobs, Portland  
 2008 AMS/MAA National Meeting Panel, Interviewing for a job, San Diego  
 MAA MathFest Panel, How to Apply for Jobs, Madison  
 2007 AMS/MAA National Meeting Panel, Interviewing for a job, New Orleans  
 MAA Math Fest Panel, How to Apply for Jobs, San Jose  
 2006 AMS/MAA National Meeting Panel, Workshop on Training TA's, San Antonio  
 AMS/MAA National Meeting Panel, Interviewing for a job, San Antonio  
 MAA Math Fest Panel, Workshop on Training TA's, Knoxville  
 MAA Math Fest Panel, How to Apply for Jobs, Knoxville  
 2005 MAA Math Fest Panel, Workshop on Training TA's, Albuquerque  
 MAA Math Fest Panel, How to Apply for Jobs, Albuquerque

1996 AMS Special Session, Theta Correspondences and Automorphic Forms,  
Central Section Spring Meeting, Iowa City

### **National Committees**

2015-16 CCAS CEO Search Committee  
2014- Big Ten Academic Alliance (formerly CIC) Arts and Sciences Deans Group, Chair  
2014-15 Committee on Governance, CCAS  
2014 Ad Hoc Board Committee on Governance, CCAS  
2014-17 Committee on Academic Freedom, Employment Security, and Tenure, AMS, Chair  
2015-16  
2013-17 Committee on Science Policy, MAA, Chair  
2013-17 MAA Council on the Profession  
2011-12 Committee on Education, AMS, ex-officio,  
2011- Committee on Gender Issues, CCAS  
2010-11 ADVANCE Initiative Standing Committee, CCAS  
2010-13 Science Policy Committee, AMS; Chair, 2011-12  
2009-11 Task Force on Professional Science Masters in Mathematical Sciences, Chair, MAA  
2009-11 Council on Programs for Students in the Mathematical Sciences, MAA  
2008-14 Nebraska Math (a NSF-MSP), National Advisory Board  
2008-09 GEMSTONES Advisory Board (NSF funded program to increase diversity in  
Mathematical Sciences graduate programs)  
2008-14 Committee on the Undergraduate Program (CUPM), MAA  
2007-17 Diversity Advisory Committee, SIAM  
2007-10 Mathematics Research Communities Steering Committee, AMS  
2006-07 Committee on Trustees, MSRI  
2006-09 Summer Mathematics Institute Advisory Board, Cornell University  
2006 Selection Committee for "Programs that Make a Difference" recognition,  
Committee on the Profession, AMS  
2006-07 Strategic Planning Committee, Working group on students, MAA  
2004-07 Educational Testing Service, GRE Mathematics Subject Exam, Committee of  
Examiners  
2003-08 CUPM Subcommittee on Curriculum Renewal Across the First Two Years (CRAFTY),  
MAA  
2002-11 Committee on Graduate Students, MAA, Chair 2005-2011  
2001-04 Representative to the AMS-MAA Committee on Research in Undergraduate  
Mathematics Education, AMS

### **Iowa Section of the MAA**

2003-05 Nominating Committee  
1998-01 Chair elect, Chair and Past Chair, 3 consecutive year long terms  
1997-07 MAA Liaison

### **Program Reviews**

2010 External Reviewer for the Department of Mathematics, Depaul University  
2007 External Reviewer for the Department of Mathematics, University of Nebraska-  
Lincoln  
2007 External Reviewer for Initial Accreditation of the BSc in Mathematics, American  
University of Sharjah, United Arab Emirates

- 2007 External Reviewer for Initial Accreditation of the BSc in Mathematics, University of Sharjah, United Arab Emirates
- 2004 External Reviewer for the Department of Mathematics, Louisiana State University

**Promotion Reviews**

- 1991- External Reviewer for promotion and tenure for various universities

**Grant Review**

- 2003- National Security Agency
- 2002 IMA Participating Institutions Conferences Selection Committee
- 1999-07 US Dept of Education, GAANN program peer site reviewer
- 1998 FONDECYT (Chilean NSF)
- 1983- National Science Foundation

**Refereeing and Reviewing**

- 1985- Referee for various journals
- 1985-07 Reviewer for Mathematical Reviews

**Select Recent Community Service**

- 2016-19 President Elect, President, Past President, three consecutive one year terms, Ohio State University Faculty Club
- 2016 Commencement Speaker Metro Early College High School (MECHS), Columbus OH
- 2015- Metro Institute of Technology, Columbus OH, Governing Board
- 2014- Columbus Symphony Orchestra, Board of Trustees
- 2013- MECHS Governing Board
- 2013-14 MECHS Principal Search Committee

## Teaching

### Classroom Teaching

At the University of Iowa and at the University of Utah I taught classes ranging in size from seminars to lectures of over 400 students. I taught first-year seminars, calculus, honors calculus, upper-division undergraduate courses, and graduate classes at all levels. Scores from student evaluations of teaching were uniformly very high.

### Seminars Organized at Iowa

1994-07 Representation Theory Seminar. Typically 15 students, 2 postdocs and 5 faculty members attended weekly. Students, postdocs and faculty presented. I supervised the presentations and also presented frequently.

### Postdocs Supervised at Iowa

2003-06 A. Raghuram, placement: Assistant Professor, Oklahoma State University  
2004 A. K. Anandavardhanan, placement: Assistant Professor, Indian Institute of Technology, Mumbai

### Ph.D. Supervisor at Iowa

3. Jitka Stehnova, Ph.D. August 2008, "Theta Correspondences for Unitary Groups in Two Variables, placement: Postdoc, Oklahoma State University
2. Ryan Stufflebeam, Ph.D. July 2004, "Theta Correspondences for  $(U(1), U(2))$ , the Quasi-split Case," placement: VIGRE Ross Assistant Professor, The Ohio State University
1. Manouchehr Misaghian, Ph.D. May 2000, "Theta Correspondences for  $(U(1), U(2))$ ," placement: Assistant Professor, Johnson C. Smith University

### Ph.D. Committees at Iowa (not as supervisor, year listed is year of graduation)

2002-03 S. Clarke  
2000-01 Y. Xiao  
1999-00 J. Gimenez  
1998-99 R. Aulwes  
1997-98 L. Caceres  
1995-96 H. Yu, R. Yan, R. Howe  
1994-95 R. Johnson, Z. Zhou  
1991-92 D. Kim

### Other Graduate Advising and Mentoring at Iowa

2004-07 Mentor for Abukuse Mbirika, Ph.D. 2010, placement: Asst. Prof., Bowdoin College  
2001-07 Mentor for Juan Ortiz, Ph. D. 2007, placement: Postdoc, University of Rochester

### Undergraduate Research Assistants at Iowa

2004-06 Patrick Holley, placement: Apple Computer, Operating System Division

### Undergraduate Advising at Iowa

1987-99 Averaged four undergraduate advisees per year