

CURRICULUM VITAE

Christopher P. Bendel

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Current Positions:

- Professor of Mathematics, University of Wisconsin-Stout, since August 2009.
- Associate Dean, College of Science, Technology, Engineering, Mathematics and Management, since May 2017.

Previous Positions:

- Chair, Mathematics, Statistics and Computer Science Department, University of Wisconsin-Stout, August 2006 – August 2017 (on sabbatical leave – Spring 2007).
- Associate Professor of Mathematics, University of Wisconsin-Stout, 2003-2009.
- Visiting Researcher, Department of Mathematics, University of Virginia, Spring 2007.
- Assistant Professor of Mathematics, University of Wisconsin-Stout, 1999-2003.
- Visiting Assistant Professor, University of Notre Dame, 1997-1999.
- Visiting Assistant Professor, Northwestern University, 1996-1997.
- Instructor, Northwestern University's University College, 1995-1996.
- Instructor, Oakton Community College, Des Plaines and Skokie, IL,
 - Summers of 1993, 1994, and 1995.
- Teaching Assistant, Northwestern University, 1991-1995.

Education

- Ph.D. Mathematics, Northwestern University, Evanston, IL, June 1996.
Dissertation: *Support Varieties for Infinitesimal Algebraic Groups*
Field: Representation Theory of Algebraic Groups
Thesis Advisor: Eric M. Friedlander
- M.S. Mathematics, Northwestern University, June 1993.
- B.A. Mathematics (Minor: Physics), University of St. Thomas, St. Paul, MN, May 1991.
Graduated: *summa cum laude*, Aquinas Scholar

Publications

- *On Donkin's tilting module conjecture II: counterexamples*, with D. Nakano, C. Pillen, and P. Sobaje, submitted, 2021.
- *On Donkin's tilting module conjecture I: lowering the prime*, with D. Nakano, C. Pillen, and P. Sobaje, *Representation Theory*, 26, 2022, 455-497; <https://doi.org/10.1090/ert/608>.

- *Counterexamples to the tilting and (p,r) -filtration conjectures*, with D. Nakano, C. Pillen, and P. Sobaje, *Journal für die reine und angewandte Mathematik (Crelle's Journal)*, 767, 2020, 193-202.
- *On tensoring with the Steinberg representation* with D. Nakano, C. Pillen, and P. Sobaje, *Transformation Groups*, 25, 2020, 981-1008; <https://doi.org/10.1007/s00031-019-09530-x>.
- *Third cohomology for Frobenius kernels and related structures* with D. Nakano and C. Pillen, *Proceedings of Symposia in Pure Mathematics*, 92, 2016, 81-118.
- *Bounding cohomology for finite groups and Frobenius kernels* with D. Nakano, B. Parshall, C. Pillen, L. Scott, and D. Stewart, *Algebras and Representation Theory*, 18, 2015, 739-760.
- *Bounding the dimensions of rational cohomology groups* with B. Boe, C. Drupieski, D. Nakano, B. Parshall, C. Pillen, and C. Wright, in *Developments and Retrospectives in Lie Theory, Algebraic Methods*, Developments in Mathematics, 38, Springer, 2014, 51-69.
- *Extensions for finite Chevalley Groups III: Rational and generic cohomology* with D. Nakano and C. Pillen, *Advances in Mathematics*, 262, (2014), 484-519.
- *Cohomology for quantum groups via the geometry of the nullcone* with D. Nakano, B. Parshall, and C. Pillen, *Memoirs of the American Mathematical Society*, 229, no. 1077, 2014.
- *Improving Mathematics Success Through Enhanced Support Services* with A. Basyrov, S. Dutter, and B. Jones, *Proceedings of the 2012 ASQ Advancing the STEM Agenda in Education, the Workplace and Society Conference*, (2012), extended abstract, 3 pages.
- *On the vanishing ranges for cohomology of finite groups of Lie type, II* with D. Nakano and C. Pillen, *Proceedings of Symposia in Pure Mathematics*, 86, (2012), 25-73.
- *On the vanishing ranges for cohomology of finite groups of Lie type* with D. Nakano and C. Pillen, *International Mathematics Research Notices* 2011; doi 10.1093/imrn/rnr130.
- *Computational mathematics: an opportunity for mathematical research*, Council on Undergraduate Research Quarterly, 29, no. 1, (2008), 48-51.
- *The "Perfect" Related Rates Lesson Study: A Lesson Study in Calculus* with J. Becker, P. Ghenciu, L. Schmidt, and R. Teleb, *University of Wisconsin System Teaching Forum*, March 2007.
- *Second cohomology groups for Frobenius kernels and related structures* with D. Nakano and C. Pillen, *Advances in Mathematics*, 209, (2007), 162-197.
- *Extensions for finite groups of Lie type II: filtrating the truncated induction functor* with D. Nakano and C. Pillen, *Contemporary Mathematics*, 413, (2006), 1-23.
- *Extensions for finite groups of Lie type: twisted groups* with D. Nakano and C. Pillen, in *Finite Groups 2003*, 29-46, Walter de Gruyter GmbH & Co. KG, Berlin, 2004.
- *Extensions for Frobenius kernels* with D. Nakano and C. Pillen, *Journal of Algebra*, 272, (2004), 476-511.
- *Extensions for finite Chevalley Groups, II* with D. Nakano and C. Pillen, *Transactions of the American Mathematical Society*, 354, (2002), 4421-4454.
- *Extensions for finite Chevalley Groups, I* with D. Nakano and C. Pillen, *Advances in Mathematics*, 183, (2004), 380-408.

- *On comparing the cohomology of algebraic groups, finite Chevalley groups and Frobenius kernels* with D. Nakano and C. Pillen, *Journal of Pure & Applied Algebra*, 163, (2001), 119-146.
- *Cohomology and projectivity of modules for finite group schemes*, *Mathematical Proceedings of the Cambridge Philosophical Society*, 131, (2001), 405-425.
- *Projectivity of modules for infinitesimal unipotent group schemes*, *Proceedings of the American Mathematical Society*, 129, (2001), 671-676.
- *Generalized reduced enveloping algebras for restricted Lie algebras*, *Journal of Algebra*, 218, (1999), 373-411.
- *Complexes and vanishing of cohomology for group schemes* with D. Nakano, *Journal of Algebra*, 214, (1999), 668-713.
- *Support varieties for infinitesimal group schemes* with E. Friedlander and A. Suslin, *Journal of the American Mathematical Society*, 10, (1997), 729-759.
- *Infinitesimal 1-parameter subgroups and cohomology* with E. Friedlander and A. Suslin, *Journal of the American Mathematical Society*, 10, (1997), 693-728.

Talks

National or Regional Conferences

- AMS Southeastern Sectional Meeting, U of Virginia, Charlottesville, VA: invited to speak – meeting cancelled twice – March 2020, March 2022.
- Southeastern Lie Theory Conference, U of Georgia, Athens, Ga, June 2018, 2-part mini-course.
- Mathematical Congress of the Americas, Montréal, Canada, July 2017.
- AMS National Meeting, Seattle, WA, January 2016.
- Southwestern Group Theory Day, U of Arizona, Tucson, AZ, March 2015.
- Representation Theory and K-Theory, U of Southern California, Los Angeles, CA, May 2014.
- ASQ Advancing the STEM Agenda in Education, the Workplace and Society, U of Wisconsin-Stout, Menomonie, WI, July 2012.
- Workshop at the American Institute of Mathematics, Palo Alto, CA, June 2012.
- Retirement Symposium in Honor of Dr. John Kemper, University of St. Thomas, St. Paul, MN, May 2011.
- MAA Wisconsin Section Meeting, Menomonie, WI, April 2011.
- Southeastern Lie Theory Conference, U of Georgia, Athens, GA, May 2010.
- AMS National Meeting, San Francisco, CA, January 2010.
- AMS Eastern Section Meeting, Raleigh, NC, March 2009
- MathFest – MAA National Meeting, Madison, WI, August 2008.
- Workshop at the American Institute of Mathematics, Palo Alto, CA, informal presentation, June 2007.
- AMS Eastern Section Meeting, Davidson, NC, March 2007.
- AMS National Meeting, New Orleans, LA, January 2007.
- MAA Wisconsin Section Meeting, Whitewater, WI, April 2006.
- Groups, Rings and Algebras, Madison, WI, June 2005.
- AMS National Meeting, Atlanta, GA, January 2005.
- AMS-IMS-SIAM Summer Research Conference, Snowbird, UT, July 2004.

- AMS National Meeting, Phoenix, AZ, January 2004.
- AMS Eastern Section Meeting, Chapel Hill, NC, October 2003.
- AMS Central Section Meeting, Madison, WI, October 2002.
- AMS-IMS-SIAM Summer Research Conference, Mount Holyoke College, June 2002.
- AMS National Meeting, New Orleans, LA, January 2001.
- AMS Eastern Section Meeting, Buffalo, NY, April 1999.
- AMS Central Section Meeting, Manhattan, KS, March 1998.
- AMS Summer Institute, Seattle, WA, July 1996.
- National Conference on Undergraduate Research, Caltech, March 1991.

University Seminars or Colloquia

- Loras College, February 1999.
- Northwestern University, February 1996, May 1997, May 1998, May 2000, January 2006.
- University of Georgia, January 2002.
- University of Minnesota-Twin Cities, March 2004.
- University of Minnesota-Morris, March 1999.
- University of Notre-Dame, September 1997, October 1997, September 1998, December 1998.
- University of South Alabama, January 2001, January 2013.
- University of Virginia, February 2007.
- University of Wisconsin-Eau Claire, May 2000, July 2007.
- University of Wisconsin-La Crosse, March 1999.
- University of Wisconsin-Madison, April 1996, May 2003.
- University of Wisconsin-Stout, February 2000, January 2001, May 2006, January 2008, April 2008 (poster presentation).
- Utah State University, December 1996, January 1998.
- Western Michigan University, March 1999.
- Project NExT Wisconsin Fall Workshop, September 2008.

Talks or Posters by Undergraduate Students at UW-Stout

- MAA Wisconsin Section Meeting, Whitewater, WI, April 2006.
- University of Wisconsin-Stout Research Day, May 2006.
- University of Wisconsin System Undergraduate Symposium, May 2006.
- University of Wisconsin-Stout Research Day, April 2007.
- University of Wisconsin System Undergraduate Symposium, April 2007.

Professional Development Activities

- Participant in MSCS Department Lesson Study in Calculus, 2008.
- Participant in MSCS Department Lesson Study in Calculus, 2005-2006.
- Co-Organized Lesson Study workshop at UW-Stout, September 2005.
- Attended the Joint Meetings of the AMS and MAA: January 1996, 1999, 2001, 2002, 2004, 2005, 2007, 2010, 2016, 2017.
- Attended MathFest (summer meeting of the MAA): August 2001, 2008.

- Attended the MAA Wisconsin Section Spring Meeting: April 2001, 2006, 2009, 2011, 2013, 2018 (first day), 2021 (virtual), 2022 (virtual).
- Attended the PIMS summer school and workshop on *Geometric and Topological Aspects of the Representation Theory of Finite Groups* at the University of British Columbia, July/August 2016.
- Attended the 2016 Southeast Lie Theory Workshop on *Algebraic Groups, Quantum Groups and Geometry* at the University of Virginia, Charlottesville, VA, May 2016.
- Attended workshop on *Homological Methods in Representation Theory* at the Mathematical Sciences Research Institute, Berkeley, CA, April 2008.
- Participated in the Project NExT-Wisconsin Fall Workshops:
 - Alumni Reunion, September 2008.
 - Presenting the Heart of Mathematics to All Students, September 2002.
 - Building a Research Career and Undergraduate Research, September 2001.
 - History of Mathematics, September 2000.
 - Research in Mathematics Education, October 1999.
- Participated in the Northwestern WI Collaborative for STEM Summit, June 2015.
- Attended ASQ Advancing the STEM Agenda conference, UW-Stout, July 2011, July 2012.
- Attended MSCS Department workshop on teaching online/hybrid math/stats courses, May 2009.
- Attended OPID sponsored WeBWork workshop, UW-Stout, March 2009.
- Attended 3-day UW-Stout Assessment Institute, June 2006.
- Attended American Mathematical Society Workshop for Department Chairs and Department Leaders, New Orleans, LA, January 2007.
- Attended UW-System System Legal Department Chairs Workshop, UW-Eau Claire, October 2006.
- Attended UW-System Legal Regional Law Day Workshop, UW-River Falls, August 2019.
- Attended several sessions of virtual UW-System Law Days presentations, April 2022.
- Attended UW-Stout sponsored chair/leader training workshops:
 - Crossing the Seven C's: Principles & Strategies for Navigating the Legal Waters, August 2008.
 - International Hiring, November 2008.
 - Chairs Workshops (2 days with various topics including Human Resources, Student Issues, Financial Management, Evaluations of Faculty/Staff, and Hiring), September 2009.
 - Curriculum Processes, November 2009.
 - Managing Conflict, January 2010.
 - Leading for Full Employee Engagement, January 2010.
 - Managing the Difficult Employee, September 2010.
 - Wisconsin's Public Records and Open Meetings Laws: A Guide for University Administrator, September 2010.
 - Recruiting and Retaining Minority Faculty and Staff, September 2010.
 - Establishing Performance Expectations and a Coaching Relationship, November 2010.

- A 3-Point System for Creating a More Respectful Campus: Implications for Leaders, January 2011.
- Providing Performance Feedback and Conducting Performance Reviews, January 2011.
- Everyday Civility, Respectful Engagement, and Performance on Campus, August 2011.
- 1st Amendment on Campus, October 2011.
- Faculty Recruitment and Hiring, October 2011.
- Strategic Planning, January 2012.
- Sexual Harassment Prevention Training, January 2014.
- Recruiting and Retaining Next-Gen Faculty, January 2014.
- Legal Tips for Dealing with Employment Related issues, January 2014.
- Department Chair/School Director Leadership Retreat, August 2014.
- Understanding the Intercultural Development Continuum, October 2014.
- Foundations of Intercultural Competence, January 2015.
- Department Chair/School Director Leadership Development Workshop, May 2015.
- Legal Issues in Academia, August 2015.
- Immigration Dos and Don'ts for Department Chairs, January 2016.
- Legal Issues in Academia, August 2016.
- Faculty Complaint Process & Managing Performance Issues, August 2016.
- Legal Issues in Academia, August 2017.
- Immigration Best Practices & Faculty Complaint Process, August 2017.
- Public Records, Open Meetings, and Records Retention for Department Chairs, January 2018.
- Legal Tips for Department Chairs, August 2018.
- Ethics Training, August 2018.
- Department Chair/College Leadership Training, August 2018, January 2019, August 2019, January 2020.
- Legal Considerations when Shifting to a Post-COVID Workplace, August 2021.
- Intercultural Development & EDI Activities:
 - Completion of Intercultural Development Inventory, March 2018, February 2019, May 2021.
 - Shift and Shout: Conflict and Intercultural Competence, April 2018.
 - SHIFT into Personal Leadership, May 2018.
 - SHIFT – Exploring the Needs of Minority Faculty, August 2018.
 - IDI Resource Group – parts of two meetings during 2018-19 year, two meetings Fall 2019.
 - NTLC Sharing Community participant – “*Me*” and *White Supremacy*, 2020-21.
 - Viewed recording of *Embracing Everyday Diversity: Agreement* workshop (held, Fall 2020), viewed January 2021.
 - Viewed recording of *The Intentional Diversity Part 2: Do Not Mistake Kindness for Allyship*, October 2021.
 - Co-facilitated NTLC Sharing Community on *EDI in Mathematics, Statistics and Computer Science*, bi-weekly meetings 2021-2022.

- Attended both keynote addresses during January 2022 EDI Professional Development Days
- Participated in Inclusive Excellence in the Hiring Process & Beyond Workshop, September 2020.
- Attended UW-System Arts and Sciences Deans Meeting
 - UW-Stout, October 2017, October 2019 (1 day), October 2021 (virtual, 1 day)
- Attended Council of Colleges of Arts and Science Annual Meeting
 - Chicago, IL, November 2018
- Attended ABET Symposium
 - San Diego, CA, April 2018
 - Virtual, April 2021
- Participated in Acquiring Talent Workshop, May 2017.
- UW System Women and Science STEM Inclusive Excellence Workshop, UW-Oshkosh, August 2017.
- Participated in MSCS Department Mentoring Program, Fall 2000.
- Attended UW-Stout College Teaching Seminar, Fall 1999.
- Participated in the UW System Women in Science Opening Workshop, October 1999.
- Session moderator for the Notre Dame Mathematics Department Summer Teaching Seminar, June 1998.
- Co-organizer of the Northwestern University Math Department Preparing Future Faculty Program, 1994-1995.

Professional Service Activities

- Guest editor for Volume 206 (2006) of the Journal of Pure and Applied Algebra, 2004-2005.
- Refereed journal articles for Advances in Mathematics; Algebra Colloquium; Algebras and Representation Theory (2); Bulletin of the London Mathematical Society; Communications in Algebra (2); Compositio Mathematica (brief review); Duke Mathematical Journal; Forum Mathematicum; Homology, Homotopy, and Applications; International Mathematics Research Notices; Inventiones mathematica; Journal of Algebra (2); Journal of Pure and Applied Algebra (5); Mathematical Proceedings of the Cambridge Philosophical Society; Note di Matematica; Proceedings of the AMS (2); Transactions of the AMS (2); Transformation Groups (2); and a conference proceedings published by Marcel Dekker.
- Article reviewer for Math Reviews since March 2002.
 - Book Review: *Modular Representation Theory of Finite Groups* by Peter Schneider, Summer 2013.
- Article reviewer for Zentralblatt MATH since February 2001.
 - Book Review: *Flag varieties – An Interplay of Geometry, Combinatorics, and Representation Theory* by V. Lakshmibai and J. Brown, Summer 2009.
 - Book Review: *Representations of Finite Groups: Local Cohomology and Support* by D. J. Benson, S. Iyengar, and H. Krause, Spring 2012.
- Co-organizer of the special session on *Cohomology, Representation Theory, and Lie Theory* at the AMS Southeastern Section Meeting, virtual, November 2021.

- Co-organizer of the special session on *Cohomology and Representation Theory of Groups and Related Structures* at the AMS Central Section Meeting, Eau Claire, WI, September 2014.
- Co-organizer of the summer school and workshop on *Cohomology and Support in Representation Theory and Related Topics*, University of Washington, Seattle, WA, July/August 2012.
- Co-organizer of MAA Wisconsin Section Spring Meeting, UW-Stout, April 2011.
- Facilitator at NSF VIGRE Summer School on Homological Methods in Representation Theory, U. of Georgia, May 2010.
- Co-organizer of the special session on *Cohomology and Representation Theory of Algebraic Groups and Related Structure* at the AMS Central Section Meeting, St. Paul, MN, April 2010.
- Co-organizer of the special session on *Computation in Modular Representation Theory and Cohomology* at the AMS Central Section Meeting, Kalamzoo, MI, October 2008.
- Co-organizer of workshop on *Cohomology and representation theory of finite groups of Lie type: computational methods* at the American Institute of Mathematics, Palo Alto, CA, June 2007.
- Co-organizer of the conference *Algebraic Cycles, K-theory, and Modular Representation Theory* at Northwestern University, Evanston, IL, September 2004.
- Co-organizer of the special session on *Representations of Groups and Related Objects* at the AMS Central Section Meeting, Notre Dame, IN, April 2000.
- Session chair for the Notre Dame Conference in Honor of Timothy O'Meara, May 1998.
- Site Director for ACM Regional Programming Competition, November 2002, November 2003, November 2007 (co-director).
- Judge at the ACM Regional Programming Competition, November 2000, November 2001.
- Judge of undergraduate poster session at the Joint Mathematics Meetings, January 2010.
- Judge at Northern Indiana Regional Science Fair, March 1998.
- Co-organizer of the Northwestern University Algebra Seminar, 1996-1997.
- Co-organizer of the Northwestern University Graduate Student Algebra/Topology Seminar, 1995-1996, 1996-1997.
- Outside peer reviewer for tenure and promotion applicant: Western Michigan University, 2004; Ithaca College, 2014.

University Service Activities

University Committees

- Faculty Senate – MSCS Departmental Representative, 2003-2006.
- Faculty Senate Elections Committee, 2003 – Fall 2006, 2007-2017.
- Faculty Senate Curriculum and Instruction Committee – Alternate, 2003-2005.
- Faculty Senate General Education Committee – Alternate, 2011-2014.
- Faculty Senate Personnel Policies Committee, 2000-2003.
 - Vice Chair, 2002-2003.
 - Promotion Policy Subcommittee, 2000-2003.
 - Professional Development Grant Review Subcommittee, Spring 2001-2003.
- Faculty Senate Positive Action Committee, 1999-2003.

- Served on three grievance committees (two hearings).
- Faculty Senate Planning and Review Committee, Fall 2014 – present
 - Vice chair 2015-2022.
- All University Full Professor Promotion Committee, 2010-2011, 2013-2014, 2015-2016.
- Indirect Funds Allocation Review Committee, Chair, Fall 2016 – Winter 2017.
- Classroom Utilization Subcommittee, Summer/Fall 2013.
- Diversity Advisory Council, Spring 2003 – Spring 2004.
- HR Work Group, Fall 2012 – Spring 2015.
- Research Advisory Council, 2005-2008.
- Sabbatical Leave Review Committee, 2007 - 2009.
- Search Committee for Dean of STEM College, 2008-2009, 2013-2014.
- Search Committee for Director of Instructional Resources, 2010-2011.
- Search Committee for Dean of STEMM College, 2015-2016.
- Search Committee for Registrar, Spring 2016.
- Door Access Replacement Committee, Spring 2018- Spring 2019.
- Acquiring Talent Workshop
 - Facilitator: August 2017, November 2017.
 - Section Leader: January 2018 (twice), May 2018, August 2018, October 2018, November 2018, March 2019, June 2019.

College of Science, Technology, Engineering, Mathematics and Management Committees

- College Council, since July 2016.
- Bylaws Drafting Committee, Fall 2016.
- Academic Department Associate Search Committee, Chair, Fall 2018.
- Dean Assistant Search Committee, Chair, Summer 2019, Summer 2021.

College of Science, Technology, Engineering and Mathematics Committees

- College Council, July 2008 – June 2016.

College of Arts and Sciences Committees

- College Council, Fall 2006, Summer 2007- June 2008.
- Science Wing Planning Committee, Summer 2005.
- College Promotion Committee, 2003-2004.
 - Secretary

Mathematics, Statistics and Computer Science Department Committees

- Hiring Committee, 2001-2005.
- Hiring Subcommittees, 2005-2006 (2), Fall 2006, 2008-2009, 2010-2011, 2011-2012, 2012-2013, 2014-2015, 2015-2016, 2016-2017, 2017-2018.
- Post-tenure Review Committee, Fall 2017, Fall 2018.
- By-Law Review Committee, 2003-2004, Fall 2004.
- Strategic Planning Committee, 2002-2006.
- Curriculum Committee, 2000-2002, 2005-2017.
- Travel Guidelines Committee, 2000-2001.
- Mathematics Teaching Minor Committee, 2004-2005.

- General Education Assessment Task Force, 2013-2014.
- Textbook Committees for Calculus I, II (2001-2002, 2007-2008, 2016-2017), Calculus and Analytic Geometry I, II, III (2002-2003, 2005-2006, 2012-2013), Calculus-all (2009-2010), Complex Variables (2000-2001), Differential Equations with Linear Algebra (1999-2000), Linear Algebra (2000-2001, 2003-2004, 2012-2013), Modern Algebra I, II (1999-2000, 2002-2003, 2005-2006), Real Analysis I, II (2000-2001), Modern Geometry (2004-2005).

Other Activities

- Organizer of the MSCS Department Research and Teaching Seminar, 2003 – Fall 2006, 2007 – Fall 2014.
- MSCS Department WeBWorK course coordinator, Spring 2017 – present.
- Program Advisory Committee Member:
 - Applied Mathematics and Computer Science, 2006 - 2017.
 - Customized Instruction, 2014-2017.
 - Engineering Technology, Spring 2005 – Spring 2017.
 - Game Design and Development, Spring 2009 – Spring 2017.
 - Industrial and Applied Mathematics, 2014 - 2017.
 - Manufacturing Engineering, 2011 - 2017.
 - Plastics Engineering, Spring 2010 – Spring 2017.
 - Vocational Rehabilitation (Graduate), Fall 2005-Spring 2010.
- Advisor of Applied Math and Computer Science majors since Fall 1999.
- Advisor of Game Design and Development/Computer Science majors since 2012-2013.
- Service in the MathLab: one hour per week, 1999-2000, Fall 2000, 2001 - Fall 2006, Fall 2007 – Fall 2014.
- Faculty advisor for the Applied Math and Computer Science Club, 2000 – Fall 2006.
- Faculty advisor for the Catholic Newman Student Association, since Fall 2008.
- Mentor for new faculty member, 2002-2003, 2004-2005.
- Honors contract advisor, Fall 2002, Spring 2006 (two).
- Directed independent studies: in geometry, Fall 2005; in complex analysis, Spring 2006; in modern algebra, Fall 2014.
- Discussion leader for University Honors Colloquium, November 2003.
- Discussion leader for *Into the Book*, August 2003, September 2005, September 2006.
- Participant in *Faculty.com* for freshmen, November 2000.
- Participant in *Take a new student to lunch*, August 2000.
- Panelist/Presenter for professional development sessions:
 - Making connections: An Evaluation of Relationships and Resources Available to New Faculty and Academic Staff at UW-Stout, January 2006.
 - Lesson Study, January 2006.
 - Tips for Successful Grant Writing, January 2005.

Service at Previous Institutions

- Member of the Northwestern University Math Department TA Orientation Committee, Fall 1993, Fall 1994, Fall 1995.

- Member of the Northwestern University Math Department Graduate Student Committee for Departmental Review, 1994-1995.

Fellowships and Awards

Professional Organizations

- Mathematical Association of America Wisconsin Section Distinguished Teaching Award, 2013.

University of Wisconsin-Stout

- Outstanding Researcher Award, 2006.
- Outstanding Teaching Award (CAS), 2004-2005.
- Top 15% in votes for Outstanding Teaching Award (CAS), 2003-2004.
- Project NExT-Wisconsin Fellow, 1999-2004.

Northwestern University

- University Fellowship, 1991-1992.
- Teaching Assistantship, 1992-1995.
- Mathematics Department Fellowship, 1995-1996.

University of St. Thomas

- Dean's List and Honors Program, 1987-1991.
- Mathematics Department Outstanding Graduating Senior Award, 1991.

Grants Awarded

- *Cohomology of finite groups of Lie type and algebraic groups*, Simons Foundation, Collaboration Grants for Mathematicians, \$35,000, September 2014 – August 2022.
- *UW System Closing the Achievement Gap grant: Improving Mathematics Success Through Enhanced Support Services* with S. Dutter, A. Basyrov, M. Horak, B. Jones, and L. Schmidt, \$30,000, 2011-2012.
- *UW System Growth Agenda Grant: Collaboration with the Menomonie High School community to enrich college preparation in the area of Mathematics* with J. Becker and P. Ghenciu, \$47,252, 2009-2010; \$18,544 (including 50% Provost Match), 2010-2011.
- *OPID Lesson Study Grant (funded by Provost's Office)* with A. Basyrov, J. Becker, P. Ghenciu, M. Horak, and H. Schroeder, \$2500, 2008.
- *OPID Lesson Study Grant* with A. Antonipillai, J. Becker, P. Ghenciu, L. Schmidt, R. Teleb, and H. Tian, \$1500, 2005-2006.
- *OPID Conference Development Grant – Lesson Study Workshop* with S. Deckelman and P. Ghenciu, \$1000, September 2005.
- *RUI: Modular Representations of Algebraic Groups and Related Structures*, National Science Foundation, \$155,568, June 2004 – May 2009.
- *Cohomology and Representation Theory of Finite Group Schemes*, National Security Agency, \$26,000, April 2002 – March 2004.
- *Attendance at the Joint Mathematics Meetings in January 2001*, UW-Stout Professional Development Grant, \$909, January 2001.

Professional Affiliations

- American Mathematical Society (AMS)
- Mathematical Association of America (MAA)
- Delta Epsilon Sigma (National Catholic Scholastic Honor Society)