Born July 30, 1964 in Seattle, Washington
Citizenship: United States
Married, two children

Education

1986	A.B.	Mathematics	University of California, Berkeley
1988	M.S.	Mathematics	Yale University
1989	M.Phil	Mathematics	Yale University
1990	Ph.D.	Mathematics	Yale University

Thesis Advisor: George B. Seligman
Thesis: Projective Modules over Lie Algebras of Cartan Type

Employment

1990–91	Visiting Assistant Professor	Auburn University
1991–95	Visiting Assistant Professor	Northwestern University
1992–95	NSF Postdoctoral Fellow	Northwestern University
1994–98	Assistant Professor	Utah State University
1998–02	Associate Professor	Utah State University
2001–03	Associate Professor	University of Georgia
2003–10	Professor	University of Georgia
2010–	Distinguished Research Professor	University of Georgia

Research Interests

Representation Theory of Algebraic Groups, Quantum Groups, and Lie Superalgebras
Categorical and Homological Methods in Representation Theory
Cohomology and Support Varieties for Algebraic and Finite Groups
Algebraic and Geometric Methods in Lie Theory
Monoidal (Tensor) Triangulated Categories

Visiting Research Positions (with funding)

April 1993	University of Virginia
April 1995	University of Virginia
July 1998	Aarhus University, Denmark
June–July 2002	Visiting Professor, Osaka City University, Japan
Jan–June 2003	EPSRC Research Fellow, Oxford University, England
May 2004	Institute for Mathematical Sciences, University of Virginia
June 2005	Ecole Polytechnique Federale, Lausanne, Switzerland
Jan–June 2006	Visiting Professor, University of Virginia
March 2008	General Member, Mathematical Sciences Research Institute, Berkeley, CA

July 2009	East China Normal University, Shanghai, China
July 2009	Peking University, Beijing, China
Jan–June 2010	Visiting Professor, University of Sydney, Australia
March–June 2010	University of New South Wales, Sydney, Australia
April 2010	University of Melbourne, Australia
July 2013	Morningside Institute, Beijing, China
May-June 2014	Centre de Recherches Mathematiques (CRM), Montreal, Canada
Feb-March 2015	Mittag-Leffler Institute, Stockholm, Sweden
Feb-March 2018	General Member, Mathematical Sciences Research Institute, Berkeley, CA
Jan 2020	Visiting Professor, SUSTech Mathematical Institute, Shenzhen, China
April 2023	Visiting Professor, Northeastern University
May-June 2023	Université Clermont Auvergne, Clermont-Ferrand, France
March 2024	Academia Sinica, Taipei, Taiwan
March 2024	Peking University, Beijing, China
May 2025	SUSTech International Center for Mathematics, Shenzhen, China

NSF Individual Research Grants: Principal Investigator

1. National Science Foundation Grant DMS–9206284, Mathematical Sciences Postdoctoral Research Fellowship, 1992-95, $75,000

2. National Science Foundation Grant DMS–9500715, *Cohomology and Representation Theory of Algebraic Groups and Lie Algebras*, 1995-98, $59,050

3. National Science Foundation Grant DMS–9800960, *Cohomology and Representation Theory: Algebraic Groups, Finite Groups and Lie Algebras*, 1998-2001, $72,900

4. National Science Foundation Grant DMS–0136082, *Cohomology and Representation Theory: Reductive Algebraic Groups and Related Structures*, 2001-04, $100,995

5. National Science Foundation Grant DMS–0400548, *Cohomology and Representation Theory*, 2004-07, $118,359

6. National Science Foundation Grant DMS–0654169, *Cohomological Methods in the Representation Theory of Algebraic Groups, Quantum Groups and Superalgebras*, 2007-10, $159,744

7. National Science Foundation Grant DMS–1002135, *Cohomology, Geometry and Representation Theory: Algebraic Groups, Quantum Groups and Lie Superalgebras*, 2010-13, $169,976

8. National Science Foundation Grant DMS–1402271, *Representation Theory, Geometry and Cohomology in Tensor Triangulated Categories*, 2014-17, $158,301

9. National Science Foundation Grant DMS–1701768, *Representations, Cohomology and Geometry in Tensor Triangulated Categories*, 2017-20, $165,001

10. National Science Foundation Grant DMS–2101941, *Monoidal Triangular Categories, Representation Theory, Cohomology and Geometry*, 2021-24, $232,374

11. National Science Foundation Grant DMS–2401184, *Representation Theory and Geometry in Monoidal Triangular Categories*, 2024-27, $255,298

NSF Workforce Grants

1. Co-Principal Investigator on National Science Foundation VIGRE Grant DMS–0089927, *Vertical Integration of Research and Educational Activities in Mathematics at the University of Georgia*, 2001-06, $2,451,334

2. Principal Investigator on National Science Foundation VIGRE Grant DMS–0738586, *Vertical Integration of Research and Education in Mathematics at the University of Georgia*, 2008-13, $3,819,865

NSF and NSA Conference Grants

1. Co-Principal Investigator on National Science Foundation Grant DMS–0852373, *Southeastern Lie Theory Workshop Series*, 2009-11, $60,000

2. Co-Principal Investigator on National Science Foundation Grant DMS–1206255, *Southeastern Lie Theory Workshop Series*, 2012-14, $38,750

3. Co-Principal Investigator on National Science Foundation Grant DMS–1544407, *Southeastern Lie Theory Workshop Series*, 2015-17, $49,488

4. Co-Principal Investigator on National Science Foundation Grant DMS–1801804, *Southeastern Lie Theory Workshop Series*, 2018-21, $49,970

5. Co-Principal Investigator on National Science Foundation Grant DMS–2303977, *Southeastern Lie Theory Workshop Series*, 2023-25, [includes $10,000 supplement approved in 2025], $52,500

6. Principal Investigator on National Security Agency Conference Grant, *Advances in Lie Theory, Representation Theory and Combinatorics*, held at SLMath, Berkeley, CA, 2023-25, $21,850

Other Research Grants

1. Utah State University: Faculty Research Grant, *Representation Theory of Algebraic Groups and Lie Algebras*, 1996-97, $12,088

Undergraduate and Graduate Academic Honors/Awards/Recognition

1986   Percy Lionel Davis Award (departmental prize), University of California, Berkeley
1986   Graduated with Highest Honors in Mathematics, University of California, Berkeley
1986-   Phi Beta Kappa, University of California, Berkeley (Member, elected 1986)
1986–89   Annual Departmental Stipend Prize, Yale University
1986–90   Teaching Fellowship, Yale University
1987–90   Research Assistantship, Yale University

University Faculty Academic Honors/Awards/Recognition

1999–00   Researcher of the Year, Department of Mathematics and Statistics, Utah St. University
2007   Creative Research Medal, University of Georgia
2008   McCay Award (for distinguished research, teaching and service), Department of Mathematics, University of Georgia
2010   Distinguished Research Professorship, University of Georgia
2016   Lamar Dodd Creative Research Award, University of Georgia

National and International Academic Honors/Awards/Recognition

1987-   American Mathematical Society, Member (Life Member from 2014-)
1992-95   National Science Foundation Postdoctoral Fellowship
2007   American Mathematical Society One-Hour Invited Address
2013-   Fellow of the American Mathematical Society (Class of 2013, Inaugural Class)
2021-   Association for Mathematical Research, Founding Member
2024   *Representation Theory and Related Geometry: Progress and Prospects* at the University of Georgia, Athens, GA (60th birthday conference), funded by NSF, NSA, and a UGA State of the Art Conference Grant

Administrative Experience

2000–01	Chair of the Colloquium/Visitor Committee
2000–01	MSRI Representative for Utah St. University
2003–04	Chair of the Facilities Committee
2004	Co-Director of the University of Georgia VIGRE Program, January-April
2005–07	Chair of the VIGRE Grant Writing Committee
2008–15	Director of the University of Georgia VIGRE Program
2012–13	Chair of the American Mathematical Society Southeastern Section Program Committee
2014-15	Franklin College Faculty Senate President-Elect, University of Georgia
2015-16	Franklin College Faculty Senate President, University of Georgia
2018–19	Chair of the American Mathematical Society Program Committee for the National Meetings
2019-20	Vice Chair of the Executive Committee
2022-23	Vice Chair of the Executive Committee
2023-24	Vice Chair of the Executive Committee
2024-25	Vice Chair of the Executive Committee

Membership on Editorial Boards

2005–10	Editor for *Communications in Algebra*
2010–23	Editor for the *Journal of Pure and Applied Algebra*
2023–27	Editor for the *Transactions of the American Mathematical Society*

2005–06	Editor for the Proceedings of the 2004 AMS Summer Research Institute Conference: Representations of Algebraic Groups, Quantum Groups and Lie Algebras
2011–12	Editor for the Proceedings of the Southeastern Lie Theory Workshop Series I (2009-11)
2014–15	Editor for the Proceedings of the Southeastern Lie Theory Workshop Series II (2012-14)
2022–23	Editor for the Proceedings of the Southeastern Lie Theory Workshop Series III (2015-21)

Service on Departmental Committees: Utah State

1995–96	Colloquium Committee, Search Committee
1996–97	Colloquium Committee, Search Committee, Graduate Committee
1997–98	Colloquium Committee, Graduate Committee
1998–99	Colloquium Committee, Graduate Committee
1999–00	Undergraduate Committee, Colloquium/Visitor Committee, Honors Committee
2000–01	Colloquium/Visitor Committee, Honors Committee

Service on Departmental Committees: Georgia

2001-	Hiring Committee [Tenure-Track and Postdoctoral Positions]
2002–04	Facilities Committee
2004–06	Executive Committee
2006–07	Personnel Committee
2007–08	Graduate Committee
2008-15	VIGRE Management Committee
2009	McCay Award Selection Committee
2009-10	Cantrell Lecture Series Committee
2009-11	Executive Committee
2015	McCay Award Selection Committee
2015-16	Cantrell Lecture Series Committee
2017	McCay Award Selection Committee
2018-19	Cantrell Lecture Series Committee
2018-20	Executive Committee (Secretary: 2018-19)
2019	McCay Award Selection Committee
2021	McCay Award Selection Committee
2022-24	Executive Committee
2023	McCay Award Selection Committee
2024-26	Executive Committee

University Service: Georgia

2011–15	Office for the Vice President for Research (OVPR) Advisory Council
2012–13	Franklin College of Arts and Sciences Special Professorship Selection Committee
2013–14	Franklin College of Arts and Sciences Special Professorship Selection Committee (Chair)
2012–15	Member of the Franklin College of Arts and Sciences Faculty Senate (first term)
2012–14	Member of the Franklin College Faculty Affairs Committee
2015–18	Member of the Franklin College of Arts and Sciences Faculty Senate (second term)
2016–21	Franklin College of Arts and Sciences Special Professorship Selection Committee
2017–19	Chair of the Franklin College of Arts and Sciences Special Professorship Selection Committee
2016–19	Office for the Vice President for Research (OVPR) Research Awards Selection Committee
2020-22	University Program Review and Assessment Committee (PRAC)
2020-21	Program Review Committee for the Computer Science Department (Chair)
2020-21	Program Review Committee for the Entomology Department
2021-22	Program Review Committee for the Plant Biology Department
2024-	Franklin College of Arts and Sciences Committee on Fellows and Major Awards

National and International Service

2009–   Co-Founder, Southeastern Lie Theory Network and Workshop Series
2011–13   American Mathematical Society Southeastern Section Program Committee
2011–13   American Mathematical Society Committee on Committees
2014   Chair of an Invited Address Session (Algebra) at the International Congress of Mathematicians
2017–20   American Mathematical Society, Program Committee for the National Meetings

Service as a Conference Organizer: Major Conferences

1997   Organizer for the Minisymposium on Lie Theory, Matrix Theory and Combinatorics at the MAA meeting in Logan, UT

2002   Organizer for a Workshop on Modular Representation Theory, Korea Institute for Advanced Study, Seoul, Korea

2004   Organizer for the AMS Summer Research Conference: Representations of Algebraic Groups, Quantum Groups, and Lie Algebras, Snowbird, UT

2008   Chair of the Organizing Committee for a Workshop on Homological Methods in Representation Theory, Mathematical Sciences Research Institute, Berkeley, CA

2010   Organizer for the VIGRE Summer School on Lie and Representation Theory (two weeks) University of Georgia, Athens, GA

2010   Chair of the Organizing Committee for the Workshop on Lie Theory, Homological Methods and Applications, University of Georgia, Athens, GA

2012   Organizer for the Conference on Categorification of Quantum Groups and Representation Theory, North Carolina State University, Raleigh, NC

2012   Organizer for the Summer School on Cohomology and Supports in Representation Theory University of Washington, Seattle, WA

2014   Chair of the Organizing Committee for the Conference on Representations of Lie Algebras and Superalgebras, University of Georgia, Athens, GA

2018   Chair of the Organizing Committee for the RTG Summer School on Lie Theory, University of Georgia, Athens, GA

2018   Chair of the Organizing Committee for the Workshop on Representations of Algebraic Groups and Superalgebras, University of Georgia, Athens, GA

2020   Organizer for the Workshop on Representation Theory of Algebraic and Quantum Groups, University of Virginia, Charlottesville, VA

2021   Organizer for the 12th Southeastern Lie Theory Workshop, College of Charleston, Charleston, SC

2024   Organizer for the Workshop on Advances in Lie Theory, Representation Theory and Combinatorics, Simons Laufer Mathematical Sciences Institute, Berkeley, CA

2025   Organizer for the 15th Southeastern Lie Theory Workshop, College of Charleston, Charleston, SC

2026   Organizer for the ICM Satellite Conference on Algebraic and Geometric Representation Theory (16th SE Lie Theory Workshop), University of Virginia, Charlottesville, VA

Service as a Conference Organizer: AMS Special Sessions

1994   Special Session on Lie Theory at the 900th AMS Meeting in Chicago, IL

1998   Special Session on Representation Theory of Algebraic Groups, Quantum Groups, and Lie Algebras at the 932nd AMS Meeting in Manhattan, KS

2001   Special Session on Representation Theory of Finite and Algebraic Groups at the National AMS Meeting in New Orleans, LA

2005   Special Session on Representation Theory of Lie Algebras at the National AMS Meeting in Atlanta, GA

2007   Special Session on Cohomology and Representation Theory at the National AMS Meeting in New Orleans, LA

2007   Special Session on Lie and Representation Theory at the 1030th AMS Meeting in Murfreesboro, TN

2009   Special Session on Representation Theory of Lie Algebras and Algebraic Groups at the National AMS Meeting in Washington D.C.

2011   Special Session on Lie Algebras, Algebraic Groups and Related Topics at the National AMS Meeting in New Orleans, LA

2016   Special Session on Representation Theory of Algebraic Groups at the National AMS Meeting in Seattle, WA

2016   Special Session on Lie Theory, Representation Theory and Geometry at the 1117th AMS Meeting in Athens, GA

2017   Special Session on Representations of Lie Algebras at the Congress of the Americas in Montreal, Canada

2017   Special Session on Categorical Methods in Representation Theory at the 1133rd AMS Meeting in Orlando, FL

2019   Special Session on Homological Methods in the Representation Theory of Groups and Algebras at the Joint Vietnam-USA Mathematical Meeting, Quy Nhon City, Vietnam

2020   Special Session on Representation Theory of Algebraic and Quantum Groups: A Tribute to the Work of Cline, Parshall and Scott at the 1155th AMS Meeting in Charlottesville, VA (meeting cancelled due to COVID-19)

2022   Special Session on Representation Theory of Algebraic and Quantum Groups: A Tribute to the Work of Cline, Parshall and Scott at the 1175th AMS Meeting in Charlottesville, VA (meeting cancelled due to Omicron)

2023   Special Session on Representation Theory of Algebraic and Quantum Groups: A Tribute to the Work of Cline, Parshall and Scott at the 1184th AMS Meeting in Atlanta, GA

2023   Special Session on Representation Theory of Finite and Algebraic Groups at the 1189th AMS Meeting in Mobile, AL

2024   Special Session on Representations of Lie Algebras and Lie Superalgebras at the 1196th AMS Meeting in San Francisco, CA

2024   Special Session on Representation Theory: Lie Theory and Geometry at the Joint International AMS-UMI Meeting in Palermo, Italy (Sicily)

Service as a Reviewer

1991–	Refereeing duties for numerous journals
1992–06	Reviewer for Mathematical Reviews
1996–	Reviewer for NSA grant proposals (including service on NSA Panels)
1997–	Reviewer for NSF grant proposals (including service on 9 NSF Proposal Review Panels)
2000–	Reviewer for NSERC grant proposals
2011	Reviewer for Simons Collaboration Grants in Mathematics

Other Professional Activities

2011	Consultant for the American Association for the Advancement of Science (AAAS)
2023	Co-author for *Remembering Georgia Benkart*, Notices of the AMS, Volume 70, Number 3, 420-433.

Service on Thesis Committees

2001	Cora Neal, Utah State University, Ph.D Committee
2001	Russel Carlson, Utah State University, Ph.D Committee
2007	G. Michael Guy, University of Georgia, Ph.D Committee
2007	Emille K. Davie, University of Georgia, Ph.D Committee
2007	Philip Bergonio, University of Georgia, M.A. Committee
2008	Kenyon Platt, University of Georgia, Ph.D Committee
2009	Jeremiah Hower, University of Georgia, Ph.D Committee
2012	Benjamin Wyser, University of Georgia, Ph.D Committee
2012	Wenjing Li, University of Georgia, Ph.D Committee
2016	Patrick McFaddin, University of Georgia, Ph.D Committee
2016	Maren Turbow, University of Georgia, Ph.D Committee
2016	Matthew Zawodniak, University of Georgia, Ph.D Committee
2022	Jonathan Gruber, Ecole Polytechnique Federale de Lausanne, Switzerland, External Examiner
2023	John Wagner, University of Georgia, Ph.D Committee

Service as a Secondary Ph.D Advisor

1991–93   Joseph P. Gottman, Northwestern University, Secondary Ph.D Thesis Advisor
          Thesis: Characters on Restricted Lie Algebras

1993–95   Christopher P. Bendel, Northwestern University, Secondary Ph.D Thesis Advisor
          Thesis: Support Varieties for Infinitesimal Algebraic Groups

2010–13   Tiago Macedo, Universidade Estadual de Campinas, Co-Ph.D Thesis Advisor
          Thesis: Characters and Cohomology of Modules for Kac-Moody Algebras
              and Generalizations

2019-21   Kent B. Vashaw, Louisiana St. University, Secondary Ph.D Thesis Advisor
          Thesis: Noncommutative Tensor Triangular Geometry and its Applications
              to Representation Theory

Service as a Major Ph.D Advisor

2004–08   Bobbe J. Cooper, University of Georgia, Ph.D Thesis Advisor
          Thesis: Support Varieties of Tilting Modules

2005–08   Caroline B. Wright, University of Georgia, Ph.D Thesis Advisor
          Thesis: Second Cohomology Groups of Frobenius Kernels

2005–09   Irfan Bagci, University of Georgia, Ph.D Thesis Advisor
          Thesis: Cohomology and Support Varieties for Lie Superalgebras

2009–12   Nham V. Ngo, University of Georgia, Ph.D Thesis Advisor
          Thesis: Cohomology and Geometry for Frobenius Kernels of Algebraic Groups

2012–14   Andrew Talian, University of Georgia, Ph.D Thesis Advisor
          Thesis: Endotrivial Modules for Classical Lie Superalgebras

2012–15   Theresa Brons, University of Georgia, Ph.D Thesis Advisor
          Thesis: Rational and Line Bundle Cohomology for Reductive Algebraic Groups

2012–16   William Hardesty, University of Georgia, Ph.D Thesis Advisor
          Thesis: On Support Varieties for Algebraic Groups

2015–19   Ziqing Xiang, University of Georgia, Ph.D Thesis Advisor
          Thesis: Representation Theory for Schur and Hecke Algebras of Classical Type

2016–19   Andrew Maurer, University of Georgia, Ph.D Thesis Advisor
          Thesis: Cohomology and Support Varieties for Classical Lie Superalgebras

2018-22   L. Andrew Jenkins, University of Georgia, Ph.D Thesis Advisor
          Thesis: The Nilpotent Cone for Classical Simple Lie Superalgebras

2019-22   David Galban, University of Georgia, Ph.D Thesis Advisor
          Thesis: Cohomology and Representation Theory for Lie Superalgebras

2022-25   Matthew Hamil, University of Georgia, Ph.D Thesis Advisor
          Thesis: On Localizing Subcategories of Lie Superalgebra Representations

2023-   Gabriel Loos, University of Georgia, Ph.D Thesis Advisor

Service as a Postdoctoral Research Advisor

2001–03 David Hemmer, University of Georgia, Senior Sponsoring Scientist for NSF Postdoctoral Fellow
2003–06 Nadia Mazza, University of Georgia, Postdoctoral Research Advisor
2004–07 Jonathan Kujawa, University of Georgia, Senior Sponsoring Scientist for NSF Postdoctoral Fellow
2008–10 Benjamin Jones, University of Georgia, Postdoctoral Research Advisor
2009–12 Christopher Drupieski, University of Georgia, Postdoctoral Research Advisor
2015–18 Paul Sobaje, University of Georgia, Postdoctoral Research Advisor
2017–20 Chun-Ju Lai, University of Georgia, Postdoctoral Research Advisor
2020–21 Arik Wilbert, University of Georgia, Postdoctoral Research Advisor
2022–25 Tekin Karadag, University of Georgia, Postdoctoral Research Advisor

Service as a Postdoctoral Teaching Advisor

2004–05 Su-ion Ih, University of Georgia, Postdoctoral Teaching Advisor
2014–17 Abbey Bourdon, University of Georgia, Postdoctoral Teaching Advisor
2016–19 Kyle Chapman, University of Georgia, Postdoctoral Teaching Advisor
2019–22 Joseph Hoisington, University of Georgia, Postdoctoral Teaching Advisor

Other Advising

1995–96 Amanda Brown, Utah St. University, Senior Honors Thesis Advisor
1999–00 Kady Schneiter, Utah St. University, Masters Thesis Advisor
2017-19 Nikolay Grantcharov (undergrad at U.C. Berkeley), Undergraduate Research Internship Advisor
2017-19 Jerry Wu (undergrad at U.C. Berkeley), Undergraduate Research Internship Advisor
2020-21 Nathan Wenger (undergrad at U.C. Berkeley), Graduate School Application Advisor
2020-21 Hank Morris (undergrad at the University of Georgia), Graduate School Application Advisor
2023-   Nate Harman, Pre-Tenure Advisor

Visiting Scholars Hosted

2010–11   Tiago Macedo, Universidade Estadual de Campinas, Brazil, Ph.D Exchange Student
Aug-Dec 2012   Tobias Kildetoft, Aarhus University, Denmark, Ph.D Exchange Student
Jan-May 2014   Cornelius Pillen, University of South Alabama, Visiting Professor
Jan 2018   Nadia Mazza, Lancaster University, UK, Visiting Professor
Oct-Dec 2023   Jonathan Gruber, University of York, UK, Postdoctoral Research Scholar

Lectures

1989   Algebra Seminar, Yale University, May

1990   Algebra Seminar, Yale University, April
        Algebra Seminar, Auburn University, October
        Algebra Seminar, University of Washington, December

1991   Algebra Seminar, North Carolina St. University, March
        Algebra Seminar, Auburn University, April
        Algebra Seminar, University of Washington, August

1992   Algebra Seminar, Northwestern University, February
        Algebra Seminar, Yale University, April
        Lie Theory Seminar, University of Wisconsin, Madison, April
        Conference on the Structure and Representation Theory of Lie Algebras, Yale University,
            April
        Conference on Connections between Topology and Representation Theory, Northwestern
            University, May
        Algebra Seminar, University of Washington, August

1993   Midwest Group Theory Seminar, University of Chicago, March
        Colloquium, Auburn University, March
        Colloquium, University of Georgia, March
        Algebra Seminar, University of Virginia, March, April
        Colloquium, Johns Hopkins University, April
        Algebra Seminar, Yale University, April
        III International Conference on Non-associative Algebra and its Applications, University of
            Oviedo, Spain, July

1994   Algebra Seminar, University of Washington, January
        Colloquium, Kansas St. University, January
        Algebra Seminar, Kansas St. University, January
        Colloquium, Michigan St. University, February
        Series of four lectures on Representations of Algebraic Groups and Lie Algebras, Queens
            University, Kingston, Ontario, Canada, February
        Colloquium, Utah St. University, March
        890th AMS Meeting at Kansas St. University, Special Session on Representations of Alge-
            braic and Quantum Groups, March
        Algebra Seminar, Northwestern University, April

1994 Algebra Seminar, University of Florida, April
Contributed Talk, Canadian Mathematical Society Conference on Representations of Groups and Algebras, Banff, Canada, June
895th AMS Meeting at Oklahoma St. University, Special Session on Representations of Algebraic Groups, October
Lie Theory Seminar, University of Wisconsin, Madison, December

1995 897th AMS Meeting at San Francisco, CA, Special Session on Cohomology of Finite Groups, January
Symposium on Lie Algebras and their Representation Theory, Invited Lectures (2), Seoul National University, Korea, January
Algebra Seminar, Northwestern University, February
Topology Seminar, Northwestern University, March
Colloquium, University of Windsor, April
Algebra Seminar, University of Virginia, April

1996 908th AMS Meeting in Orlando, FL, Special Session on Algebra, Cohomology and Polynomial Identities, January
Colloquium, Kansas St. University, March
Algebra Seminar, Northwestern University, April
911th AMS Meeting in Baton Rouge, LA, Special Session on Representations of Finite Groups, Algebraic Groups and Lie Algebras, April
Monster/Lie Algebra Conference at the Ohio St. University, Invited Talk, May
Conference on Combinatorial Matrix Theory at Utah St. University, May
AMS Summer Research Institute at Seattle, WA, Plenary Talk, July

1997 Colloquium, University of Wyoming (sponsored by the Rocky Mountain Consortium), March
Representation Theory Seminar, University of Utah, March
MAA Special Session on Lie Theory, Matrix Theory and Combinatorics, Utah St. University, April
Algebra Seminar, Oxford University, June
Representation Theory Seminar, Oxford University, June
AMS Summer Research Conference at Seattle, WA, July

1998   932$^{\text{nd}}$ AMS Meeting in Manhattan, KS, Special Session on Cohomology of Finite Groups, March
Algebra Seminar, Northwestern University, April
Group Theory Seminar, University of Chicago, April
Lie Theory Seminar, University of Wisconsin, Madison, April
Representation Theory Seminar, Princeton University, May
Symposium on Modular Representations of Finite Groups, University of Virginia, May
Algebra Seminar, University of Washington, May
Colloquium, University of Oregon, May
International Conference on Representation Theory, East China Normal University, Shanghai, China, June
Algebra Seminar, Aarhus University, Denmark, July
Group Theory Seminar, University of Georgia, October
Colloquium, University of South Alabama, (sponsored by NSF EPSCoR program), October
Colloquium, Auburn University, (sponsored by NSF EPSCoR program), October
Algebra Seminar, University of Virginia, December

1999   Algebra Seminar, Yale University, March
U. C. Lie Theory Conference, Invited Talk, University of California, Santa Cruz, April
943$^{\text{rd}}$ AMS Meeting in Buffalo, NY, Special Session on Representation Theory of Lie Algebras, April
Colloquium, Kansas St. University, June
945$^{\text{th}}$ AMS Meeting in Melbourne, Australia (joint with Australian Math. Soc.) Special Session on Algebraic Groups and Related Topics, July

2000   Colloquium, University of California, Riverside, March
Group Theory Seminar, University of Chicago, April
953$^{\text{rd}}$ AMS Meeting in South Bend, IN, Special Session on Representation Theory of Groups and Related Objects, April
Conference on Representation Theory and Computational Algebra, University of Georgia, May
Conference on Cohomology of Finite Groups: Interactions and Applications, Oberwolfach, Germany, July
Special Topics Seminar (2 lectures), Utah St. University, October
Colloquium, University of Georgia, December

2001   962$^{\text{nd}}$ AMS Meeting in New Orleans, LA, Special Session on Group Cohomology with Applications to Homotopy Theory and Representation Theory, January
Special Topics Seminar, Utah St. University, February
Colloquium, University of Oregon, May
Algebra Seminar, University of Washington, May
International Conference on Representations of Algebraic and Quantum Groups, Kunming, China, July
Group Cohomology and Representation Theory Seminar, University of Georgia, September
Colloquium, University of South Alabama, October
Conference on Geometric and Combinatorial Representation Theory, Seoul National University, Seoul, Korea, October

2002   Lie Theory Seminar (5 lectures), University of Georgia, January-February, October
Group Cohomology and Representation Theory Seminar, University of Georgia, March
Algebra Seminar, University of Virginia, March
Conference on Lie and Jordan Algebras: their Representations and Applications, Plenary Talk, Guaruja, Brazil, May
AMS Summer Research Conference: Groups, Representations and Cohomology, Plenary Talk, South Hadley, MA, June
Symposium on Algebraic Groups, Invited Lectures (3), Osaka City University, Osaka, Japan, June
980th AMS Meeting in Madison, WI, Special Session on Lie Theory, October
Workshop on Modular Representation Theory, Korea Institute for Advanced Study, Seoul, Korea, October
VIGRE Seminar, University of Georgia, November

2003   Algebra Seminar, Oxford University, January
Algebra Seminar, University of Warwick, February
Lie Theory Seminar, University of Warwick, February
Representation Theory Seminar, Oxford University, February
Pure Maths Seminar, University of Bristol, February
Pure Maths Seminar, University of Leicester, March
Workshop of Geometric Representation and Invariant Theory, Plenary Talk, University of Manchester, March
Conference on the Representation Theory of Finite Groups, Oberwolfach Germany, March
Algebra Seminar, University of Leeds, April
Bristol-Leicester-Oxford Colloquium, University of Leicester, April
Mini-Workshop on Representations of Algebraic Groups and Lie Algebras, University of Birmingham, May
Infinite Dimensional Lie Theory Workshop, Invited Talk, Fields Institute, Toronto, Canada, July
VIGRE Algebra Seminar, University of Georgia, September, October, November
Lie Theory Seminar, University of Georgia, September
VIGRE Seminar, University of Georgia, October
991th AMS Meeting in Chapel Hill, NC, Special Session on Group Cohomology in Algebra and Geometry, October
Conference on Groups, Representations and Galois Theory, in honor of Walter Feit, Invited Talk, Yale University, October
Group Cohomology and Representation Theory Seminar (3), University of Georgia, November

2004   VIGRE Algebra Seminar, University of Georgia, January, February, March
       Algebra Seminar, University of Georgia, February, April
       Conference on Geometric Representation Theory, Invited Talk, University of Warwick, England, March
       Conference on Lie and Jordan Algebras: their Representations and Applications II, Plenary Talk, Guaruja, Brazil, May
       Algebra Seminar, University of Virginia, May
       Algebra Seminar, University of Washington, July
       Conference on Algebraic Cycles, K-theory, and Modular Representation Theory, Plenary Talk, Northwestern University, September
       Conference on Interaction of Finite Dimensional Algebras with Other Areas of Mathematics, Banff International Research Station, Banff, Canada, September
       Groups-Representations-Cohomology Seminar, Ohio State University, October

2005   1003rd AMS Meeting in Atlanta, GA, Special Session on Modular Representation Theory of Finite and Algebraic Groups, January
       VIGRE Algebra Seminar, University of Georgia, January, February, September, October
       Algebra Seminar (4 lectures), University of Georgia, February, October
       International AsiaLink Conference on Algebras and Representations, Plenary Talk, Beijing Normal University, P.R. China, May
       Series of Invited Lectures (2), Programme on Group Representation Theory, Bernoulli Centre, Ecole Polytechnique Federale de Lausanne, Switzerland, June
       VIGRE Seminar, University of Georgia, August
       Conference on Cohomology of Finite Groups: Interactions and Applications, Oberwolfach, Germany, September
       1012th AMS Meeting in Eugene, OR, Special Session on Representations of Groups and Algebras, November
       Algebra Seminar, University of Washington, November
       1013th AMS Meeting in Taichung, Taiwan, Special Session on Lie Algebra and Representation Theory, December

2006   Conference on Representation Theory of Finite Groups, Oberwolfach, Germany, March
       Algebra Seminar, University of Virginia, April
       Geometric Methods in Representation Theory Seminar, University of North Carolina, April
       Colloquium, Virginia Tech, April
       1018th AMS Meeting in San Francisco, CA, Special Session on Lie Algebras and Applications, April
       VIGRE Algebra Seminar, University of Georgia, August, September, November
       Algebra Seminar, University of Georgia, November
       Algebra Seminar, University of Rochester, November
       Topology Seminar, University of Rochester, November

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2007 1024th AMS Meeting in Davidson, NC, Special Session on Geometric and Combinatorial Methods in Representation Theory, March
Algebra Seminar, University of Virginia, March
Shoemaker Distinguished Lecture Series (3 lectures), University of Toledo, April
Conference on Lie Theory, Banff International Research Station, Banff, Canada, May
Algebra and Algebraic Geometry Seminar, University of Washington, June
Algebraic and Geometric Representation Theory Conference, Plenary Talk, Aarhus University, Denmark, June
Conference on Algebras, Representations and Applications Lie and Jordan Algebras, their Representations and Applications - III, Plenary Talk, Brazil, August
Conference on Group Embeddings, Banff International Research Station, Banff, Canada, September
Invited One-Hour Address, American Mathematical Society Fall Sectional Meeting, Murfreesboro, TN, November

2008 Algebra Seminar, University of Georgia, January
Conference on Representation Theory of Finite Dimensional Algebras, Oberwolfach, Germany, February
Homological Methods in Representation Theory Seminar, MSRI, Berkeley, CA, March
Colloquium, University of British Columbia, April
Algebra/Topology Seminar, University of British Columbia, April
Algebra Seminar, Emory University, April
1040th AMS-SBM Meeting in Rio de Janeiro, Brazil, Special Session on Lie Algebras and their Applications, June
1043rd AMS Meeting in Kalamazoo, MI, Special Session on Computation in Modular Representation Theory and Cohomology, October
1045th AMS-SMS Meeting in Shanghai, China, Special Session on Representations of Groups and Algebras, December

2009 Mini-Workshop on Support Varieties, (3 invited lectures), Oberwolfach, Germany, February
1048th AMS Meeting in Raleigh, NC, Special Session on Kac-Moody Algebras, Vertex Algebras, Quantum Groups, and Applications, April
Algebra Seminar, University of Virginia, May
Conference on Representation Theory and Lie Theory, Plenary Talk, Isaac Newton Institute for Mathematical Sciences, Cambridge, England, June
Second Summer School on Lie Theory and Representation Theory, Invited Lecture Series (6 lectures), East China Normal University, Shanghai, China, July
Workshop on Lie Theory and Representation Theory, Plenary Talk, East China Normal University, Shanghai, China, July
International Workshop on Algebraic Groups, Quantum Groups and Related Topics, Plenary Talk, Peking University, Beijing, China, July
International Workshop on Quantized Algebras and Physics, Invited Talk, Chern Institute of Mathematics, Nankai University, Tianjin, China, July

National Mathematics Summer School, Peking University, Beijing, China, July

International Workshop on Lie Algebras and Related Topics, Plenary Talk, National Institute for Mathematical Sciences, Daejon, Korea, October

Algebra Seminar, University of Georgia, October

Algebra and Algebraic Geometry Seminar, University of Washington, December

2010   Algebra Seminar (2), University of Sydney, March

Algebra Seminar, University of Melbourne, April

Colloquium, University of New South Wales, June

Fifth International Conference on Representation Theory, Plenary Talk, Xian, China, August

VIGRE Algebra Seminar (2), University of Georgia, August-September

1062nd AMS Meeting in Syracuse, NY, Special Session on Lie Algebras and Representation Theory, October

Algebra Seminar, University of Georgia, November

Taipei Conference on Representation Theory, Plenary Talk, Academia Sinica, Taipei, Taiwan December

2011   U.C. Lie Theory Workshop, Louisiana State University, February

Colloquium, University of Virginia, March

Mini-workshop on Modular Representations of Symmetric Groups and Related Objects, Oberwolfach, Germany, April

1074th AMS Meeting in Lincoln, NE, Special Session on Quantum Groups and Representation Theory, October

Colloquium, Baylor University, October

Colloquium, University of Texas, Arlington, October

1075th AMS Meeting in Salt Lake City, UT, Special Session on Noncommutative Geometry and Algebra, October

Southwest Group Theory Day 2011, University of Arizona, November

2012   1077th AMS Meeting in Boston, MA, Special Session on Linear Algebraic Groups: their Arithmetic, Geometry and Representations, January

Colloquium, University of Southern California, February

1079th AMS Meeting in Tampa, FL, Special Session on Representations of Algebraic Groups and Related Structures, March

Conference on the Representation Theory of Finite Groups, Oberwolfach Germany, March

Workshop on Cohomology Bounds and Growth Rates, American Institute for Mathematics, Palo Alto, CA, Extemporary Talks, June

Conference on Cohomology and Supports in Representation Theory, University of Washington, Plenary Talk, July

Conference on Lie Algebras and Applications, Plenary Talk, Uppsala University, Sweden, September

1085th AMS Meeting in Tucson, AZ, Special Session on Representations of Groups and Algebras, October

Algebra Seminar, University of Georgia, November

2013   Algebra Seminar, University of Texas at Arlington, February
        Colloquium, College of Charleston, March
        Colloquium, University of Oregon, April
        III International Symposium on Groups, Algebras and Related Topics, Peking University,
            Invited Talk, June
        International Conference on Representation Theory VI, Zhangjiajie, China, Plenary
            Talk, June
        Algebra Seminar (2), Morningside Institute, Beijing, China, July
        Colloquium, Chinese Academy of Sciences, Beijing, China, July
        Congress of the Americas, Special Session on Lie Representation Theory, Guanajuato,
            Mexico, August
        Algebra Seminar, University of Georgia, August

2014   Algebra Seminar (2), University of Georgia, January, February
        Joint Mathematics Meetings for the AMS and MAA, MAA Invited Paper Session, The
            Unreasonable Effectiveness of Modern Mathematics, Baltimore, MD, January
        Algebra and Algebraic Geometry Pre-Seminar, University of Washington, February
        Algebra and Algebraic Geometry Seminar, University of Washington, February
        1097th AMS Meeting in Knoxville, TN, Special Session on Geometric and Combinatorial
            Methods in Lie Theory, March
        Geometric Methods in Representation Theory Seminar, University of North Carolina, March
        Conference on Representations of Algebraic Groups, Invited Talk, University of Lyon,
            France, July
        ICM 2014 Satellite Conference on Representation Theory and Related Topics, Invited
            Talk, Daegu, South Korea, August
        Conference on Representations of Algebraic Groups and Related Objects, Plenary Talk,
            Friedrich-Schiller Universitat, Jena, Germany, September
        Algebra Seminar, University of Georgia, September
        Algebra, Geometry, Combinatorics Day (ALGECOM11), Plenary Talk, DePaul University,
            Chicago, IL, October
        1105th AMS Meeting in Greensboro, NC, Special Session on Exceptional Groups in Physics,
            Algebra and Geometry, November

2015   USA-Mexico Conference in Representation Theory and Non-Commutative Algebra, Plenary
            Talk, Instituto de Matmaticas, UNAM, Mexico, January
        Invited Seminar Speaker, Mittag-Leffler Institute, Stockholm, Sweden, February
        Southwestern Group Theory Day, Invited Talk, University of Arizona, March
        Conference on Cohomology of Finite Groups: Interactions and Applications, Oberwolfach,
            Germany, May

2016   Joint Mathematics Meetings, AMS Special Session on Geometric and Categorical Methods
         in Representation Theory, Seattle, WA, January
       Conference on Vertex Algebras and Quantum Groups, Banff International Research
         Station, Banff, Canada, Invited Talk, February
       Algebra Seminar, DePaul University, Chicago, IL, March
       Workshop on Sheaves and Modular Representations of Reductive Groups, American Insti-
         tute for Mathematics, San Jose, CA, Invited Talk, March
       Oberseminar, University of Georgia, May
       Southeastern Lie Theory Workshop IX, University of Virginia, Plenary Talk, May
       Conference on Triangulated Categories and Applications, Banff International Research
         Station, Banff, Canada, Invited Talk, June
       PIMS Workshop on Geometric and Topological Aspects of the Representation Theory
         of Finite Groups, Vancouver, Canada, Plenary Talk, August
       Workshop on Endo-p-Permutation Modules in the Representation Theory of Finite Groups,
         Bernoulli Centre, EPFL, Lausanne, Switzerland, Plenary Talk, September
       Algebra Seminar, University of Georgia, September
       1124$^{\text{th}}$ AMS Meeting in Raleigh, NC, Special Session on Representation Theory of
         Lie Algebras, Quantum Groups and Related Stuctures, November

2017   Joint Mathematics Meetings, AMS Special Session on Group Representations and Coho-
         mology, Atlanta, GA, January
       Colloquium, Auburn University, February
       Algebra Seminar, University of Georgia, February
       Algebra and Algebraic Geometry Seminar, University of Washington, May
       Congress of the Americas, Special Session on Cohomology of Groups, Montreal, Canada,
         July
       Satellite Workshop on Representation Theory, Plenary Talk, University of Laval, Quebec
         City, Canada, July
       1132$^{\text{nd}}$ AMS Meeting in Buffalo, NY, Special Session on Recent Advancements in Repre-
         sentation Theory, September
       Colloquium, Georgia Southern University, October

2018   Group Representation Theory and Applications Seminar, MSRI, Berkeley, CA, February
       Algebra Seminar, University of Georgia, April
       1139$^{\text{th}}$ AMS Meeting in Boston, MA, Special Session on Hopf Algebras, Tensor Categories,
         and Homological Algebra, April
       Algebra and Representation Theory Seminar, University of Stuttgart, Germany, July
       Conference on Algebraic Representation Theory, Plenary Talk, University of Stuttgart,
         Germany, July
       ICM 2018 Satellite Conference on Algebras, Representations and Applications, Plenary Talk
         Cusco, Peru, August
       Pure Math Seminar, University of South Alabama, October
       Algebra Seminar, University of Georgia, November
       Colloquium, University of Reno, Nevada, November
       Algebra and Algebraic Geometry Seminar, University of Washington, December

2019   Taipei Conference on Representation Theory, Plenary Talk, Academia Sinica, Taipei, Taiwan
         January
       Colloquium, College of Charleston, January
       Colloquium, Louisiana St. University, February
       1146th AMS Meeting in Auburn, AL, Special Session on Geometric Methods in Representation Theory, March
       Lie Theory Seminar, Rutgers University, March
       Topology Seminar, University of Rochester, April
       1148th AMS Meeting in Hartford, CT, Special Session on Quantum Algebras and Related Topics, April
       Vietnam-USA Joint Mathematical Meeting, Special Session on Groups, Representations and Applications, Quy Nhon, Vietnam, June
       International Conference on Representation Theory VIII, Plenary Talk, Harbin, China, July
       Algebra Seminar, University of Georgia, November
       Algebra and Discrete Mathematics Seminar, University of California, Davis, December

2020   Conference Lie and Jordan Algebras, their Representations and Applications, Plenary Talk, Chengdu, China, January
       Mathematics Seminar, SUSTech Mathematical Institute, January
       Conference on Cohomology of Finite Groups: Interactions and Applications, Oberwolfach, Germany, August
       1162nd AMS Meeting in Salt Lake City, UT (virtual), Special Session on Geometry and Representation Theory of Quantum Algebras and Related Topics, October
       Pure Math Day, Plenary Talk, Georgia Southern University, November
       LieJor Online Seminar, Algebras, Representations and Applications, University of Sao Paulo, Brazil, December

2021   The RepNet Virtual Seminar, The International Centre for Mathematical Sciences, Edinburgh, Scotland, February
       Quantum Groups Seminar, University of Copenhagen, Copenhagen, Denmark, February
       Algebra Seminar, University of Georgia, March
       1165th AMS Meeting in Providence, RI (virtual), Special Session on Hopf Algebras, Tensor Categories and Related Homological Methods, March
       Groups, Arithmetic, and Algebraic Geometry Seminar, EPFL, Lausanne, Switzerland, May
       Algebra Seminar, University of Georgia, September
       1173th AMS Meeting in Mobile, AL (virtual), Special Session on Cohomology, Representation Theory, and Lie Theory, November

2022   1176th AMS Meeting in Boston, MA (virtual), Special Session on Linear Algebraic Groups: their Structure, Representations, and Geometry, March

Joint Mathematics Meetings (virtual), AMS Special Session on Hopf Algebras and Tensor Categories, Seattle, WA, April

STARS (Superalgebra Theory And Representations Seminar), Joint BGU-BIU-WIS (virtual) seminar based in Israel, April

Conference on Cohomology and Automorphism Groups, Invited Talk, University of Lyon, France, July

AMS-SMF-EMS Joint Mathematical Meeting, Special Session on Modular Representation Theory, Grenoble, France, July

Algebra Seminar, University of Georgia, October

1182nd AMS Meeting in Salt Lake City, UT, Special Session on Geometry and Representation Theory of Quantum Algebras and Related Topics, October

2023   Algebra Seminar, University of Georgia, January, April

1176th AMS Meeting in Atlanta, GA, Special Session on Representation Theory of Algebraic Groups and Quantum Groups: A Tribute to the Work of Cline, Parshall and Scott (CPS), March

Representation Theory and Related Topics Seminar, Northeastern University, April

Maurice Auslander International Conference, Plenary Expository Talk, Woods Hole Oceanographic Institute, MA, April

1184th AMS Meeting in Fresno, CA, Special Session on Methods in Non-Semisimple Representation Categories, May

Geometrie, Algebre, Algebres d'operateurs (GAAO) Seminar, Université Clermont Auvergne, Clermont-Ferrand, France, May

International Algebra Conference in the Philippines (IACP), Plenary Talk, Lapu-Lapu City, Cebu, Philippines, August

Canada-Mexico-US Conference in Representation Theory, Noncommutative Algebra and Categorification, Invited Talk, Centre de Recherches Mathematiques (CRM), Montreal, Canada, August

Conference on Tensor Triangular Geometry and Interactions, Oberwolfach, Germany September

New Directions in Group Theory and Triangulated Categories Seminar (online), based at the University of Warwick, England, November

2024   Colloquium, SUSTech International Center for Mathematics, Shenzhen, China, March

Workshop on Representation Theory, Invited Talk, Beijing Institute of Technology, March

Colloquium, Peking University, Beijing, China, March

Colloquium, Academia Sinica, Taipei, Taiwan, March

1194th AMS Meeting in Washington DC, Special Session on Recent Developments in Noncommutative Algebra and Tensor Categories, April

Joint International Meeting for the AMS-UMI, Special Session on Representation Theory: Lie Theory and Geometry, Palermo, Italy, July

Conference on Representation Theory and K-theory, Plenary Talk, University of Southern California, August

Conference on Group Theory and Neighboring Disciplines, Plenary Talk, University of Denver, August

1199th AMS Meeting in Savannah, GA, Special Session on Algebraic, Combinatorial, and Geometric Aspects of Representation Theory, October [cancelled due to Hurricane Helene]

Algebra Seminar, University of Georgia, December

Joint Meeting with the American, Australian and New Zealand Mathematical Societies in Auckland, New Zealand, Special Session on Representation Theory and Tensor Categories, December

2025   Joint Mathematics Meetings, AMS Special Session on New Developments in Noncommutative Algebra, Seattle, WA, January

Conference on Lie Algebras and Related Topics, Plenary Talk, New York University (Abu Dhabi), United Arab Emirates, February

Teaching Experience, Courses Taught

Berkeley: 1984–86   Calculus of One Variable (tutor/reader)

Yale: 1986–87   115a   Calculus of One Variable (problem session)
         1987–88   222b   Linear Algebra (discussion section)
         1988–89   115b   Calculus of One Variable
         1989–90   115a   Calculus of One Variable
                    115b   Calculus of One Variable

Auburn: 1990-91   161   Analytic Geometry and Calculus
                      266 (2)   Introduction to Linear Algebra
                      264   Analytic Geometry and Calculus
                      265   Linear Differential Equations
                      331   Introduction to Abstract Algebra

Northwestern: 1991–92   B14–2   Calculus
                            C37   Introduction to Modern Algebra
                            B15   Multiple Integration and Vector Calculus
                            B17   Sequences and Series, Linear Algebra
                            C34   Linear Algebra and its Applications
                 1992–93   D84   Lie Algebras
                            E11–2   Seminar: Representation Theory of Algebraic Groups
                                     and Lie Algebras
                 1993–94:   C37   Introduction to Modern Algebra
                 1994–95:   B14–2   Calculus
                            B14–1   Calculus

Utah State: 1995–96   531   Introduction to Group Theory
                          532   Introduction to Ring Theory
                          533   Galois Theory
                          731   Lie Algebras
                          732   Representations of Finite Groups
               1996–97   220   Calculus
                          221   Calculus
                          631   Graduate Algebra
                          632   Graduate Algebra
                          633   Graduate Algebra

	1997–98	531	Introduction to Group Theory
		532	Introduction to Ring Theory
		731	Representation Theory of Groups
		732	Representation Theory of Lie Algebras
	1998–99	6310	Graduate Algebra
		6320	Graduate Algebra
		1220H	Honors Calculus
	1999–00	1100	Calculus
		4310	Modern Algebra
		5320	Modern Algebra
		7320	Representation Theory
	2000–01	6310	Graduate Algebra
		2270	Linear Algebra
		6320	Graduate Algebra
		1100	Calculus
Georgia:	2001–02	2200 (2)	Calculus
		2210	Calculus
		2700	Differential Equations
	2002–03	2200	Calculus
		8000	Graduate Algebra
	2003–04	2200	Calculus
		4000/6000	Modern Algebra and Geometry I
		4010/6010	Modern Algebra and Geometry II
		8010	Graduate Algebra
		8850	Algebra VIGRE Research Group
	2004–05	3200	Introduction to Higher Mathematics
		8190	Representation Theory of Algebraic Groups
		8850	Algebra VIGRE Research Group
	2005–06	2210	Calculus
		2310H	Honors Calculus
		8850	Algebra VIGRE Research Group
	2006–07	2200 (2)	Calculus
		2210	Calculus
		8030	Representation Theory
		8850	Algebra VIGRE Research Group
	2007–08	2200	Calculus
		2700	Differential Equations
		8030	Homological Algebra/Commutative Rings
		8850	Algebra VIGRE Research Group
	2008–09	2250 (2)	Calculus (for Scientists and Engineers)
	2009–10	2200	Calculus
		8190	Representation Theory of Algebraic Groups
		8850	Algebra VIGRE Research Group

2010-11	4000/6000	Modern Algebra and Geometry I
	4010/6010	Modern Algebra and Geometry II
	8850	Algebra VIGRE Research Group
2011-12	8000/8005	Graduate Algebra
2012-13	2200	Calculus
	8190	Representation Theory of Algebraic Groups
2013-14	2250	Calculus (for Scientists and Engineers)
	3000	Linear Algebra
2014-15	3000	Linear Algebra
	8190	Representation Theory of Algebraic Groups
2015-16	3000	Linear Algebra
	8000/8005	Graduate Algebra
2016-17	2260	Calculus (for Scientists and Engineers)
	3300	Applied Linear Algebra
	8850	Algebra Vertical Research Group
2017-18	3300	Applied Linear Algebra
	8080	Lie Algebras
2018-19	3300 (2)	Applied Linear Algebra
2019-20	2260	Calculus (for Scientists and Engineers)
	8000/8005	Graduate Algebra
2020-21	3300	Applied Linear Algebra
	8190	Representation Theory of Algebraic Groups
2021-22	2260	Calculus (for Scientists and Engineers)
	3300	Applied Linear Algebra
	8030	Cohomology and Representation Theory
2022-23	2260	Calculus (for Scientists and Engineers)
	3300	Applied Linear Algebra
2023-24	3300	Applied Linear Algebra
	8190	Algebraic Groups
2024-25	8000/8005	Graduate Algebra
	8080	Lie Algebras
.	3300	Applied Linear Algebra
2025-26	3300	Applied Linear Algebra
	8190	Representation Theory of Algebraic Groups

1. Brauer-type reciprocity over a class of graded associative algebras (with R. Holmes), *J. Algebra* **144** (1991), 117–126.

2. Projective modules over Lie algebras of Cartan type, *Memoirs Amer. Math. Soc.* **98** no. 470 (1992).

3. Filtrations for periodic modules over restricted Lie algebras, *Indag. Math.* **3** no. 1 (1992), 59–68.

4. Block degeneracy and Cartan invariants for Lie algebras of Cartan type (with R. Holmes), *J. Algebra* **161** (1993), 155–170.

5. Homomorphisms inducing isomorphisms in Lie algebra cohomology, *J. Pure Appl. Algebra* **90** (1993), 49–54.

6. On the cohomology of the Witt algebra: W(1,1), Proc. III International Conference on Non-associative algebra and its applications (ed. S. Gonzales), Kluwer (1994).

7. A bound for the complexity of G_rT-modules, *Proc. Amer. Math. Soc.* **123** (2) (1995), 335–341.

8. On the vanishing of extensions of modules over reduced enveloping algebras (with J. Carlson and K. Peters), *Math. Annalen* **302** (1995), 541–560.

9. Algebraic group techniques in the representation and cohomology theory of Lie algebras of Cartan type (with Z. Lin), *J. Algebra* **179** (1996), 852–888.

10. Infinitesimal Schur algebras (with S. Doty and K. Peters), *Proc. London Math. Soc.* **72** (3) (1996), 588–612.

11. On the construction of indecomposable modules over restricted enveloping algebras (with R. D. Pollack), *J. Pure Appl. Algebra* **90** (1996), 61–73.

12. Complexity and support varieties for finite-dimensional algebras, *Cont. Math.* **194** (1996), 201–218.

13. Polynomial representations of Frobenius kernels of GL_2, (with S. Doty and K. Peters), *Cont. Math.* **194** (1996), 57–67.

14. Representations of Hopf algebras arising from Lie algebras of Cartan type (with Z. Lin), *J. Algebra* **189** (1997), 529–567.

15. Infinitesimal Schur algebras of finite representation type (with S. Doty and K. Peters), *Quart. J. Math. Oxford* (2) **48** (1997), 323–345.

16. Varieties for G_rT-modules, *Proc. of Symposia in Pure Mathematics* **63** (1998), 441–451.

17. Representation theory of the Witt algebra (with J. Feldvoss), *J. Algebra* **203** (1998), 447–469.

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18. Good filtrations for Hopf algebras arising from Lie algebras of Cartan type (with Z. Lin), *J. Pure and Appl. Algebra* **127** (1998), 231–256.

19. Semisimplicity of Schur algebras, (with S. Doty), *Math. Proc. Cambridge Phil. Soc.* **124** no. 1 (1998), 15–20.

20. Support varieties for the Steenrod algebra (with J. Palmieri), *Math. Zeit.* **227** no. 4 (1998), 663–684.

21. Representation theory of Lie algebras of Cartan type, The Monster and Lie Algebras: Proceedings of a Special Research Quarter at The Ohio St. University, (ed. J. Ferrar, K. Harada), de Gruyter (1998), 235–252.

22. Complexes and vanishing of cohomology for group schemes (with C. Bendel), *J. Algebra* **214** (1999), 668–713.

23. Complexity for modules over finite Chevalley groups and classical Lie algebras (with Z. Lin), *Inventiones Math.* **138** (1999), 85–101.

24. Representation type for Schur algebras (with S. Doty, K. Erdmann, and S. Martin), *Math. Zeit.* **232** (1999), 137–182.

25. Extensions of modules over Hopf algebras arising from Lie algebras of Cartan type (with Z. Lin), *Algebras and Representation Theory* **3** (2000), 43–80.

26. Blocks of finite representation type in reduced enveloping algebras of classical Lie algebras (with R. D. Pollack), *J. London Math. Soc.* **61** (2000), 374–394.

27. Some recent developments in the representation theory of general linear and symmetric groups, *Representations and Quantizations*, Proceedings of the International Conference on Representation Theory (Shanghai, China), Springer-Verlag, 2000, 357–374.

28. Relating the cohomology of the general linear group and the symmetric group (with S. Doty), *Modular Representation Theory of Finite Groups*, Proceedings of a Symposium at the University of Virginia, Walter de Gruyter, 2001, 175–187.

29. On comparing the cohomology of algebraic groups, finite Chevalley groups and Frobenius kernels (with C. Bendel and C. Pillen), *J. Pure and Appl. Algebra* **163** (2001), 119–146.

30. Representation type for the blocks of Category $\mathcal{O}$ (with V. Futorny and R. D. Pollack), *Quart. J. Math. Oxford* **52** (2001), 285–305.

31. On comparing the cohomology of general linear groups and symmetric groups (with A. S. Kleshchev), *Pacific J. Math.* **201** (2001), 339–355.

32. Representation type of quantum Schur algebras (with K. Erdmann), *Transactions of AMS* **353** (2001), 4729–4756.

33. Representation type of Hecke algebras (with K. Erdmann), *Transactions of AMS* **354** (2002), 275–285.

34. Support varieties for algebraic groups (with B. Parshall and D. Vella), *J. Reine Angew. Math.* **547** (2002), 15–49.

35. Extensions for finite Chevalley groups II (with C. Bendel and C. Pillen), *Transactions of AMS* **354** (2002), 4421–4454.

36. Support varieties of modules for symmetric groups (with D. Hemmer), *J. Algebra* **254** (2002), 422–440.

37. The restricted nullcone (with J. Carlson, Z. Lin and B. Parshall), *Cont. Math.* **325** (2003), 51–75.

38. The nucleus for restricted Lie algebras (with D. Benson), *Proc. Amer. Math. Soc.* **131** (2003), 3395–3405.

39. Extensions for Frobenius kernels (with C. Bendel and C. Pillen), *J. Algebra* **272** (2004), 476–511.

40. Extensions of modules over Schur algebras, symmetric groups, and Hecke algebras (with S. Doty and K. Erdmann), *Algebras and Representation Theory* **7** (2004), 67–100.

41. Extensions for finite Chevalley groups I (with C. Bendel and C. Pillen), *Advances in Math.* **183** (2004), 380–408.

42. Specht filtrations for Hecke algebras of type A (with D. Hemmer), *J. London Math. Soc.* **69** (2004), 623–638.

43. Varieties of nilpotent elements for simple Lie algebras I: Good Primes, (with the UGA VIGRE Algebra Group), *J. Algebra* **280** (2004), 719–737.

44. Nilpotent elements and support varieties for simple Lie algebras, *Resenhas* **6** no. 2/3 (2004), 281–290.

45. Extensions for finite groups of Lie type: Twisted Groups (with C. Bendel and C. Pillen), *Finite Groups 2003* (held at the University of Florida), de Gruyter, New York, 2004, 29–46.

46. Representation type of the blocks of Category $\mathcal{O}_S$ (with B. Boe), *Advances in Math.* **196** (2005), 193–256.

47. Varieties of nilpotent elements for simple Lie algebras II: Bad Primes, (with the UGA VIGRE Algebra Group), *J. Algebra* **292** (2005), 65–99.

48. On the realization of orbit closures as support varieties (with T. Tanisaki), *J. Pure and Applied Algebra* **206** (2006), 66–82.

49. Representation type for Schur superalgebras (with D. Hemmer and J. Kujawa), *J. of Group Theory* **9** (2006), 283–306.

50. Endotrivial groups for finite Chevalley groups (with J. Carlson and N. Mazza), *J. Reine Angew. Math.* **595** (2006), 93–120.

51. Extensions for finite groups of Lie type II: Filtering the truncated induction functor (with C. Bendel and C. Pillen), *Cont. Math.* **413** (2006), 1–23.

52. On the cohomology of Specht modules (with D. Hemmer), *J. Algebra* **306** (2006), 191–200.

53. Second cohomology for Frobenius kernels and related structures (with C. Bendel and C. Pillen), *Advances in Math.* **209** (2007), 162–197.

54. Support varieties for Weyl modules over bad primes (with the UGA VIGRE Algebra Group), *J. Algebra* **312** (2007), 602–633.

55. Projective modules for Chevalley groups and Frobenius kernels (with Z. Lin), *Bulletin of the London Math. Soc.* **39** (2007), 1019-1028.

56. Category $\mathcal{O}$ for the Virasoro algebra: Cohomology and Koszulity (with B. Boe and E. Wiesner), *Pacific J. Math.* **234** (2008), 1-21.

57. Support varieties for modules over Chevalley groups and classical Lie algebras (with J. Carlson and Z. Lin), *Transactions of AMS* **360** (2008), 1879-1906.

58. Endotrivial modules for the symmetric group (with J. Carlson and N. Mazza), *Proceedings of the Edinburgh Math. Soc.* **51** (2008), 1-22.

59. Cohomology and support varieties for the Lie superalgebra $W(n)$ (with I. Bagci and J. Kujawa), *International Math. Research Notices*, doi:10.1093/imrn/rnn115, (2008).

60. Cohomology and support varieties for Lie superalgebras II (with B. Boe and J. Kujawa), *Proceedings of the London Math. Soc.*, **98** (2009), 19-44.

61. On Kostant's theorem for Lie algebra cohomology (with the UGA VIGRE Algebra Group), *Cont. Math.*, **478** (2009), 39-60.

62. Ext^1-quivers for the Witt algebra $W(1,1)$ (with B. Boe and E. Wiesner), *J. Algebra*, **322** (2009), 1548-1564.

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