

Contact

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Education

- BA, Mathematics, University of Missouri-Kansas City, 1989
- PhD, Mathematics, University of Iowa, 1995. Thesis adviser: Professor Charles Frohman

Professional Experience

— Academic —

- Assistant Professor, Boise State University, 1995–1997
- NSF Postdoctoral Fellow, The George Washington University, 1997–1998
- NSF Postdoctoral Fellow, University of Maryland, 1998–1999 and summer 2000
- Assistant Professor, Boise State University, 1999–2001
- Associate Professor, Boise State University, 2001–2019
- Professor, Boise State University, 2019–

— Administrative —

- Associate Chair, Math. Dept., Boise State University, 2007
- Chair, Math. Dept., Boise State University, 2007–2012
- Director of Academic Analysis and Logistics, Boise State University, 2012–2013
- Associate Dean, College of Arts and Sciences, Boise State University, 2016–2018
- Senior Associate Dean, College of Arts and Sciences, Boise State University, 2018–

Research Interests

- Low-dimensional and quantum topology, 1993–2012
- Curriculum and retention strategies in STEM, 2001–
- Institutional transformation and change management, 2013–

External Grants

- PI, *Representations of 3-Manifold Groups and Skein Theoretic Invariants*, Idaho Board of Education Specific Research Grant (\$34,357) 1996–1997
- PI, *Interactions of the Kauffman Bracket Skein Module with Character Theory and Quantum Topology*, NSF Postdoctoral Research Fellowship (\$75,000) 1997–2000
- Co-PI, *The Foundation Year: Overcoming Barriers in the First Two Years*, The William and Flora Hewlett Foundation, Engineering Schools of the West Initiative (\$1,050,000) 2002–2007
- Co-PI, *Idaho Science Talent Expansion Program*, NSF (\$1,000,000) 2010–2015
- Co-PI, *Idaho Scholarships for Transfer Students*, NSF (\$600,000) 2011–2016

- Co-PI, *PERSIST: Promoting Educational Reform through Strategic Investments in Systemic Transformation*, NSF (\$2,000,000) 2013–2018
- Co-Investigator, *Boise State University Pilot: Using Student-Developed Apps to Frame Mathematics, Science and Engineering Learning*, NSF supplement (\$163,660) 2015–2018

Honors, Awards and Internal Grants

- Visiting Scholar, University of California—Santa Barbara, 1993–1994, supported by NSF DMS-9204489
- Selected for the inaugural class of the President’s Leadership Academy, Boise State University, 2010–2011
- Co-PI, *Transform STEM Learning*, Internal (BSU) Program Transformation Grant (\$75,000) 2013–2014
- Best Paper, Mathematics Division, ASEE Annual Meeting and Expo, 2015
- Nominee, Best Diversity Paper, ASEE Annual Meeting and Expo, 2017 (One of five nominees from 1,944 papers across all divisions of ASEE.)
- William T. Guy, Jr. Distinguished Educator and Service Award, Mathematics Division, ASEE, 2017

Publications

1. *Skein related links in 3-manifolds*, J Topology Applications, **60** (1994) 235–248.
2. *The $(2, \infty)$ -skein module of the complement of a $(2, 2p + 1)$ torus knot*, J. Knot Theory Ramifications, **4** no. 4 (1995) 619–632.
3. *On the Kauffman bracket skein module of surgery on a trefoil*, Pacific J. Math., **178** no. 1 (1997) 37–51.
4. *Estimating a skein module with $SL_2(\mathbb{C})$ characters*, Proc. Amer. Math. Soc., **125** (1997) 1835–1839.
5. *Rings of $SL_2(\mathbb{C})$ -characters and the Kauffman bracket skein module*, Comment. Math. Helv., **72** (1997) 521–542.
6. *Estimating the states of the Kauffman bracket skein module*, in *Knot Theory*, ed. V. F. R. Jones et. al., Banach Center Publications, **42** (1998) 23–38.

7. (With C. Frohman and J. Kania-Bartoszyńska) *Skein quantization and lattice gauge field theory*, Chaos, Solitons & Fractals, **9** no. 4/5 (1998) 811–824.
8. (With C. Frohman and J. Kania-Bartoszyńska) *Skein homology*, Can. Math. Bull., **41** no. 2 (1998) 140–144.
9. (With C. Frohman and J. Kania-Bartoszyńska) *Topological interpretations of lattice gauge field theory*,¹ Comm. Math. Phys., **198** (1998) 47–81.
10. *A Finite Set of Generators for the Kauffman Bracket Skein Algebra*, Math. Z., **231** (1999) 91–101.
11. (With C. Frohman and J. Kania-Bartoszyńska) *Understanding the Kauffman bracket skein module*, J. Knot Theory and Ramifications, **8** no. 3 (1999) 265–277.
12. (With J. Przytycki) *Multiplicative structure of Kauffman bracket skein module quantizations*,² Proc. Amer. Math. Soc., **128** (2000) 923–931.
13. (With C. Frohman and J. Kania-Bartoszyńska), *The Kauffman bracket skein as an algebra of observables*, Proc. Amer. Math. Soc. **130** no. 8 (2002) 2479–2485.
14. (With C. Frohman and J. Kania-Bartoszyńska), *The Yang-Mills measure in the Kauffman bracket skein module*, Comment. Math. Helv. **78** no. 1 (2003) 1–17.
15. (With W. Lo Faro), *The Kauffman bracket skein module of a twist knot exterior*, Algebraic and Geometric Topology **5** (2005) 107–118.
16. J. Callahan, S.Y. Chyung, J. Guild, W. Clement, J. Guarino, **D. Bullock**, C. Schrader, *Enhancing Precalculus Curricula with E-Learning: Implementation and Assessment*, Proceedings ASEE Annual Conference & Expo (2008).
17. **D. Bullock**, J. Callahan, Y. Ban, A. Alhgren, C. Schrader, *The Implementation of an Online Mathematics Placement Exam and its Effects on Student Success in Precalculus and Calculus*, Proceedings ASEE Annual Conference & Expo (2009).

¹A revision of *Skein modules and lattice gauge field theory*, MSRI preprint #1997-089.

²Previously cited under the working title *Kauffman bracket skein module quantization of symmetric algebra and $\mathfrak{so}(3)$* .

18. J. Callahan, S.Y. Chyung, J. Guild, K. Bridges, **D. Bullock**, C. Schrader, *Improving Students' Learning in Precalculus with E-Learning Activities and Through Analyses of Student Learning Styles and Motivational Characteristics*, Proceedings ASEE Annual Conference & Expo (2009).
19. J. Callahan, S. Shadle, J. Garzolini, G. Hunt, J. Guarino, **D. Bullock**, *The Idaho Science Talent Expansion Program: Freshman Orientation for STEM Majors*,³ Proceedings ASEE Annual Conference & Expo (2011).
20. J. Callahan, **Doug Bullock**, S.Y. Chyung *Both Sides of the Equation: Learner and Teacher*, Proceedings 199th ASEE Annual Conference & Expo (2012).
21. A. Feldman, J. Callahan, **D. Bullock**, *Using Online Assessment and Practice to Achieve Better Retention and Placement in Precalculus and Calculus*, Proceedings 199th ASEE Annual Conference & Expo (2012).
22. **D. Bullock**, J. Callahan, J. Garzolini, S. Shadle, *Coherent Calculus Course Design: Creating Faculty Buy-in for Student Success*, 202nd ASEE Annual Conference & Expo (2015).
Winner: Best Paper, Mathematics Division.
23. J. Callahan, **D. Bullock**, S. Shadle, *Instructional Faculty Development and Student Success*, Envisioning the Future of Stem Education, Proceedings NSF/AAAS conference (2016).
24. J. Callahan, L. Olson, **D. Bullock**, S. Miller, A. Jain, A. Moll, *Support Model for Transfer Students Utilizing the STEM Scholarship Program*, Proceedings ASEE Annual Conference & Expo (2016).
25. **D. Bullock**, J. Callahan, K. Johnson, *Longitudinal Success of Calculus I Reform*, Proceedings ASEE Annual Conference & Expo (2016).
26. **D. Bullock**, J. Callahan, J. Cullers, *Calculus Reform — Increasing STEM Retention and Post-Requisite Course Success While Closing the Retention Gap for Women and Underrepresented Minority Students*, Proceedings ASEE Annual Conference & Expo (2017).

³Originally accepted under the title, *The Idaho Science Talent Expansion Program: Improving Freshman Retention for STEM Majors*

Nominee: Best Diversity Paper, all ASEE. One of 5 nominees from 1944 papers.

27. E. Landrum, K. Viskupic, S. Shadle, **D. Bullock**, *Assessing the STEM Landscape: the Current Instructional Climate Survey and the Evidence-based Instructional Practices Adoption Scale*, Int. J. STEM Educ. (2017) 4:25
28. Y. Hsu, Y. Ching, J. Callahan, **D. Bullock**, *Enhancing STEM Majors' College Trigonometry Learning through Building Mobile Apps*, AERA Proceedings (2017).
29. **D. Bullock**, J. Callahan, J. Cullers, *The Crux: Promoting Success in Calculus II*, Proceedings ASEE Annual Conference & Expo (2018).
30. Y. Hsu, Y. Ching, J. Callahan, **D. Bullock**, *Enhancing STEM Majors' College Trigonometry Learning through Collaborative Mobile Apps*, Tech Trends (2020).

Posters

- J. Callahan, J. Garzolini, **D. Bullock**. J. Guarino, S. Shadle, D. Wilkins, C. Schrader, *The Idaho Science Talent Expansion Program*, NSF Annual STEP PI Grantee Meeting, March 3-5, 2010.
- J. Callahan, J. Garzolini, **D. Bullock**. J. Guarino, G. Hunt, S. Shadle, *The Idaho Science Talent Expansion Program*, NSF Annual STEP PI Grantee Meeting March 16-28, 2011.
- J. Callahan, J. Garzolini, **D. Bullock**. J. Guarino, G. Hunt, S. Shadle, *The Idaho Science Talent Expansion Program 2012*, NSF Annual STEP PI Grantee Meeting March 14-16, 2012.

Presenter.

- J. Callahan, J. Garzolini, **D. Bullock**. J. Guarino, G. Hunt, S. Shadle, *The Idaho Science Talent Expansion Program: Increasing Student Success Through Student Support, Improved Instruction*, NSF Annual STEP PI Grantee Meeting March 13-15, 2013.

Presenter.

- J. Callahan, J. Garzolini, **D. Bullock**, J. Guarino, G. Hunt, S. Shadle, *Creating a STEM Identity: Investment with Return*, NSF Annual STEP PI Grantee Meeting March 6-7, 2014.
- V. Stieha, S. McGuire, S. Shadle, K Viskupic, R. E. Landrum, **D. Bullock**, S. Wang. *Understanding the Disconnect Between Implementing Evidence-based Instructional Practices and Assessing Learning Outcomes*, Great Ideas in Teaching and Learning, Boise State, Jan. 2015.
- **D. Bullock**, J. Callahan, J. Garzolini, S. Shadle, *Coherent Calculus Course Design: Creating Faculty Buy-in for Student Success*, Carnegie Foundation Summit on Improvement in Education, Mar. 2016.

Presenter. Peer Reviewed

- **D. Bullock**, J. Callahan, J. Garzolini, S. Shadle, *Coherent Calculus Course Design: Creating Faculty Buy-in for Student Success*, Summit for Transforming STEM Teaching, Boise State, Apr. 2016.

Presenter.

Professional Development

- BSU President's Leadership Academy, 2010–2011
- Participant and co-facilitator, Faculty Learning Community to explore best practices in Calculus instruction, 2012–13
- CTL Course Design Institute, May 20–24, 2013
- Leader, Faculty Learning Community to design and implement coordinated Calculus I, 2013-2014
- POGIL Workshop, June 24–27, 2014
- AAC&U Project Kaleidoscope Summer Leadership Institute, 2014
- Boise State Teaching Scholars investigation into inquiry based learning, 2014-2015
- MAA PREP Workshop: Advanced Techniques in the Implementation and Creation of POGIL Activities, July 14–17, 2015
- POGIL Workshop. Boise State University, June 8–10, 2016
- National Summer Institute on Learning Communities, The Washington Center at Evergreen State College, July 11-15, 2016

- Using Evidence for Improvement: Teaching and Learning National Institute, The Washington Center at Evergreen State College, July 29 – Aug. 1, 2018
- BUILD Forum (**B**oise State **U**niting for **I**nclusion and **L**eadership in **D**iversity), Aug. 9, 2018
- NWCCU Peer Evaluator Training, Sept., 2018
- BUILD Forum (**B**oise State **U**niting for **I**nclusion and **L**eadership in **D**iversity), Aug. 13, 2019

Professional Service

- Co-chairman, (as a graduate student) Graduate Colloquium Committee, Univ. of Iowa Math Dept., 1992–1993
- Referee for *Knot Theory*, Banach Center Publications, 1996
- Referee for *Canadian Mathematical Bulletin*, 1997
- Co-organizer, Special Session on Knot Theory and Quantum Topology, AMS-MAA Joint Meeting, January, 1998
- Referee for *Proceedings of the AMS*, 1998
- Grant reviewer for National Science Foundation, 1998
- Referee for *Journal of Knot Theory and its Ramifications*, 1998
- Referee for *Proceedings of Knots in Hellas*, 1999
- Two reviews for *Mathematical Reviews*, 2000
- Two grant reviews for National Science Foundation, 2001
- Three reviews for *Mathematical Reviews*, 2001
- Referee for *Journal of Knot Theory and its Ramifications*, 2001
- Co-organizer, Cascade Topology Seminar, May 2001
- Co-organizer, Special Session of Quantum Topology, regional AMS meeting, June 2002
- Three reviews for *Mathematical Reviews*, 2002
- Grant reviewer for National Science Foundation, 2003

- Referee for the 15th International Conference on Formal Power Series and Algebraic Combinatorics, 2003
- Referee for *Topology and its Applications*, 2003
- Referee for *Pacific Journal of Mathematics*, 2003
- Referee for *Journal of Knot Theory and its Ramifications*, 2003
- Referee (in French) for *Annales des Sciences Mathématiques du Québec*, 2004
- Referee for *Algebraic and Geometric Topology*, 2004
- Book review: Jean Bevis, *Lessons in Precalculus*, 2004
- Book review: Goodaire and Parmenter, *Discrete Mathematics with Graph Theory, 3rd. ed.*, 2005
- Referee for, *Fundamenta Mathematicae*, 2005
- Two reviews for *Mathematical Reviews*, 2006
- External examiner for PhD thesis, The George Washington University, 2006
- Referee for, *Topology and its Applications*, 2007
- External reviewer for tenure decision, University of Texas–Dallas, 2008
- Referee for *Pacific Journal of Mathematics*, 2009
- NSF Grant Review Panelist, 2016–17
- Referee for *Proceedings of ASEE Annual Conference and Expo*, 2017
- Book review: Rogaswki, et. al., *Calculus, Early Transcendentals, 4e*, 2017
- Program Chair Elect, ASEE Mathematics Division, 2017–18
- Referee for *Proceedings of ASEE Annual Conference and Expo*, 2018
- Program Chair, ASEE Mathematics Division, 2018–2019
- NWCCU External Evaluator, Mid-cycle site visit, April 2019
- Reviewer for ASEE Annual Conference and Expo, best PIC III paper, 2019
- Division Chair, ASEE Mathematics Division, 2019–2020
- NWCCU External Evaluator, Mid-cycle site visit, Nov. 2019

- Referee (5 abstracts) for ASEE Annual Conference and Expo, 2020
- Director (minor officer), ASEE Mathematics Division, 2020–

University Service

- Calculus Committee, 1996–1997, 1999–2007, (chair 06–07)
- Applied Mathematics Committee, 1996–1997
- Matriculation Committee, 1996–1997 (chair), 1999–2000
- Science Competition Day Committee, 1999–2013, (chair 04-05)
- Chair, Math Dept Hiring Committee, 1999–2000
- Chair, Math Dept Hiring Committee, 2000–2001
- Math Department Public Relations Committee, 1999–2000
- CoreOnline Development Team, 2000–2002
- Chair, Faculty Financial Affairs Committee, 2001–2002
- Faculty Senator, 2002–2006
- Senate Liaison to Academic Standards Committee, 2002–2004
- Tenure Progress Review Committee, 2002–2005 (chair 04-05)
- Math Department Public Relations Committee, 2003–2004
- Faculty Adviser for College Republicans, 2004–2005
- Faculty Adviser for Chess Club, 2004–2005
- Executive Budget Committee, 2004–2007
- Applied Math Hiring Committee, 2005–2006
- Core Curriculum Committee, 2005–2007
- Statistics Search Committee, 2006
- Associate Chair, Math Department, 2007 (Spring term only)
- Chair, Math Department, 2007–2012
- NWCCU Accreditation Prep., Std. 2 Subcommittee, 2008–2009
- Alternative Academic Calendar Committee, 2010–2011
- College of Engineering Dean Search Committee, 2011–2012

- Dean of Students Search Committee, 2012
- Chair, Math Department Lecturer Search Committee, 2012
- Participant in CALIPER grant team projects, 2012–2014
- Chair, Math Department Operations Manager Search Committee, 2013
- Programmer and Data Manager for BSU Preregistration, 2013–2015
- Organizer and lead facilitator of Faculty Learning Community: *Coherent Calculus Design, Calculus I*, 2013–2014
- Data Quality Council, 2014–2015
- Math Dept Program Prioritization Response Team, 2014
- Chair, Math Dept Chair Selection Committee, 2014
- Chair, Math Dept Clinical Professor Search Committee, 2014
- Coordinator for Calculus I and II, 2014–2017
- Boise State Data Quality Council, 2014–2015
- Leader, Boise State Math Pathways Team, 2014–2018
- Math Dept Salary Committee, 2015
- Chair, Math Dept Lecturer Search Committee, 2015–2016
- Organizer and lead facilitator of Faculty Learning Community: *Coherent Calculus Design, Calculus II*, 2015–2016
- Mentor, Center for Teaching and Learning Interdisciplinary Mentoring Program, 2016
- Search Committee, AAE Academic Success Coordinator, July 2016
- COAS Associate Dean, 2016–2018
- Activity Reporting Coordination Committee, 2016–
- IT PIWG (**P**lanning and **I**mplementation **W**orking **G**roup): Data Management and Governance, 2017–2019
- IT PIWG: Student Success and Completion, 2017–
- COAS Senior Associate Dean, 2018–
- Student Success and Retention Committee, 2018–
- Search Committee, IR Planning and Research Analyst, 2018

- Chair, Search Committee, COAS Business Mgr., 2018
- Data Governance Committee (formerly IT PIWG: DMG), 2019–
- IT PIWG: Decision Support, 2019–
- Academic Program Cost and Capacity Committee, 2020–

Invited Talks and Workshops († indicates international venue)

— High School Audience —

- *How to distinguish knots*, Mathematics and Physics Institute, Independence, MO, December 1998.

— Undergraduate Audience —

- *Knot Classification: Practice and Theory*, Keynote Address, 21st annual Hendrix-Rhodes-Sewanee Mathematics Symposium, Rhodes College, Memphis, TN, April 1998.
- *Unraveling Knots: The Jones Polynomial*, Expository Talk Series, University of Missouri—Kansas City, December 1998.

— Graduate Student/General Mathematical Audience —

- † *Scharlemann Cycles I*, Special Semester on Low Dimensional Topology, Banach Mathematical Center, Warsaw, Poland, August 1995.
- † *Scharlemann Cycles II*, Special Semester on Low Dimensional Topology, Banach Mathematical Center, Warsaw, Poland, August 1995.
- *Skein Quantizations*, Colloquium, The George Washington University, Washington, DC, October 1996.
- *What is a Quantum Group?*, Colloquium, Murray State University, Murray, KY, September 1997.
- *The Witten Integral*, Colloquium, University of Missouri—Kansas City, December 1998.
- *Lectures on 3-Manifold Topology*, A year-long series of colloquia, The George Washington University, Washington, DC, 1998–1999.

- *Distinguishing Knots*, Colloquium, Boise State University, 1999.

— Expert/Professional Audience —

- *An Integral Invariant of 3-Manifolds Derived From the Kauffman Bracket*, The Twelfth Annual Workshop in Geometric Topology, Milwaukee, MN, June 1995.
- † *An Integer Valued Invariant of 3-manifolds*, Special Semester on Low Dimensional Topology, Banach Mathematical Center, Warsaw, Poland, August 1995.
- *An Integer Valued Invariant of 3-manifolds*, Georgia Topology Conference, Athens, GA, August 1995.
- *The Kauffman Bracket Skein Module and $SL_2(\mathbb{C})$ Representations of $\pi_1(M)$* , Cascade Topology Seminar, Tacoma, WA November 1995.
- † *The Kauffman Bracket Skein Module and $SL_2(\mathbb{C})$ Representations of $\pi_1(M)$* , Joint meeting of the American Mathematical Society and the Mexican Mathematical Society, Guanajuato, Mexico, December 1995.
- *The Kauffman Skein Module and $SL_2(\mathbb{C})$ -Characters of Manifold Groups*, Topology seminar, University of California—Riverside, March 1996.
- *The Kauffman Bracket Skein Module and $SL_2(\mathbb{C})$ Representations of $\pi_1(M)$* , Meeting of the American Mathematical Society, Iowa City, IA, March 1996.
- *Flat $SL_2(\mathbb{C})$ -connections and the Kauffman Bracket Skein Module I*, Meeting of the American Mathematical Society, Columbia, MO, November 1996.
- *Skein modules and π_1 representations*, Topology seminar, Mathematical Sciences Research Institute, Berkeley CA, January 1997.
- *Lattice Gauge Field Theory*, Topology seminar, Columbia University, New York, NY, October 1997.
- † *Understanding the Kauffman Bracket Skein Module*, International Topology Conference, Madeira, Portugal, January 1998.
- *Lattice Gauge Field Theory*, Meeting of the American Mathematical Society, Kansas State University, Manhattan, KS, March 1998.

- *Lattice Gauge Field Theory and Quantum Invariants*, Topology seminar, Rutgers University, Camden, NJ, April 1998.
- *Lattice Gauge Field Theory and Quantum Invariants*, Texas Geometry and Topology Conference, university of Houston, April 1998.
- *Combinatorial Gauge Field Theory and Knot Invariants*, CUNY Topology Seminar, New York, September 1998.
- *The Yang-Mills Measure in the Kauffman Bracket Skein Module*, Meeting of the American Mathematical Society, Wake Forest University, Winston-Salem, NC, October 1998.
- *The Kauffman bracket skein module of a twist knot exterior*, Knots in Washington, The George Washington University, Washington, DC, December 2000.
- *The Kauffman bracket skein module of a twist knot exterior*, AMS Sectional meeting, University of California—Irvine, November 2001.
- *The Implementation of an Online Mathematics Placement Exam and its Effects on Student Success in Precalculus and Calculus*, ASEE Annual Conference & Expo, Austin, TX, June, 2009.
- *Improving Students' Learning in Precalculus with E-Learning Activities and Through Analyses of Student Learning Styles and Motivational Characteristics*, ASEE Annual Conference & Expo, Austin, TX, June 2009.
- *Both Sides of the Equation: Learner and Teacher*, with J. Callahan, Center for Teaching and Learning, Boise State University, Nov. 2011
- *Faculty Development for STEM Student Success: Generating a Campus Culture of Best Practice*, workshop co-presented with S. Shadle (lead) and J. Callahan, NSF STEP Grantees Meeting, March 2012.
- *First-year STEM Student Cohorts: Assessment and Best Practices*, workshop co-presented with J. Callahan, G. Hunt and E. Tsang, NSF STEP Grantees Meeting, March 2013.
- *Coherent Calculus Course Design: Creating Faculty Buy-in for Student Success*, ASEE Annual Conference & Expo, Seattle, WA, June 14-17, 2015.

Winner: Best Paper, Mathematics Division.

- *Longitudinal Success of Calculus I Reform*, ASEE Annual Conference & Expo, New Orleans, LA, June 27, 2016.
- *Calculus I: Moving the Curriculum*, National Engineering Mathematics Consortium, 8th Annual Mtg, New Orleans, LA, June 28, 2016.
- *Calculus Reform and Retention*, ASEE Annual Conference & Expo, Columbus, OH, June 26, 2017

Special session for top 5 nominated Best Diversity Papers.

- *Calculus Reform and Retention*, National Engineering Mathematics Consortium, Columbus, OH, June 27, 2017.
- *Calculus Reform and Retention*, ASEE Annual Conference & Expo, Columbus, OH, June 27, 2017.

Mathematics Division technical session.

- *Beyond the Major: Developing the Triple Discipline (3D) Baccalaureate Degree at BSU*, Individualized Major Programs Conference, Durham, NC, April 2018.1
- *Calculus II Reform and Retention*, ASEE Annual Conference & Expo, Salt Lake City, UT, June 25, 2018.

Courses Taught at BSU († indicates voluntary overload)

Semester	Course	Credit Hrs	Course Title
Fall 1995	M108	4	Intermediate Algebra
	M204	5	Calculus I
Spring 1996	M204	5	Calculus I
	M331	3	Differential Equations
Fall 1996	M333	4	Diff. Eq. w/Matrix Theory
Spring 1997	M205	4	Calculus II
	† M397	3	Advanced Diff. Eq.
Summer 1997	† M496	3	Indep. Study, Foundations
Fall 1997			NSF Postdoc
Spring 1998			NSF Postdoc
Fall 1998			NSF Postdoc
Spring 1999			NSF Postdoc
Fall 1999	M170+171	4-1-5	Calculus I + Maple Lab
	M170+171	4-1-5	Calculus I + Maple Lab
Spring 2000	M175	4	Calculus II
	M411	3	Intro. Topology
Fall 2000	M272/275	4	Multivariable/Vector Calc.
	M333	4	Diff. Eq. w/Matrix Theory
Spring 2001	M143	3	College Algebra
	M301	4	Linear Algebra
Fall 2001	M143	3	Col. Alg. w/online component
	M187	4	Discrete Math.
Spring 2002	M143	3	Online College Alg.
	M326	3	Complex Analysis
Fall 2002	M170+171	5	Calculus I + Maple Lab
	M360	3	Statistics for Engineers
Spring 2003	M175	4	Calculus II
	M311	3	Foundations of Geometry
Fall 2003	M147	5	Precalculus
	M170	4	Calculus I
Spring 2004	M175	4	Calculus II
	Engr 120	3	Intro. to Engineering
Fall 2004	M187	4	Discrete Math.
	Engr 120	3	Intro. to Engineering

Semester	Course	Credit Hrs	Course Title
Spring 2005	M147	5	Precalculus
	Engr 120	3	Intro. to Engineering
	† M496	3	Indep. Study, Foundations
Fall 2005	M170	4	Calculus I
	Math 526	3	Complex Variables
Spring 2006	M170	4	Calculus I
	M326	3	Complex Analysis
Fall 2006	M275	4	Vector Calculus
	M464	3	Mathematical Modeling
Spring 2007	M170	4	Calculus I
	M170	4	Calculus I
Fall 2007	M170	4	Calculus I
Spring 2008	M170	4	Calculus I
Fall 2008	M464	3	Mathematical Modeling
	† M197	1	Preparation for ALEKS Assessment
Spring 2009	M170	4	Calculus I
Fall 2009	M175	4	Calculus II
Spring 2010	M170	4	Calculus I
Fall 2010	M170	4	Calculus I
Spring 2011	M170	4	Calculus I
Fall 2011	M170	4	Calculus I
Spring 2012	M170	4	Calculus I
Fall 2012	M170	4	Calculus I
Spring 2013	M170	4	Calculus I
Fall 2013	M170	4	Calculus I
Spring 2014	M170	4	Calculus I
Fall 2014	M170	4	Calculus I
	M170	4	Calculus I
Spring 2015	M175	4	Calculus II
Fall 2015			Sabbatical
Spring 2016	M175	4	Calculus II
Fall 2016	M170	4	Honors Calculus I
Spring 2017	M175	4	Honors Calculus II
Fall 2017	M170	4	Honors Calculus I
Spring 2018			Administrative Release
Fall 2018	M170	4	Honors Calculus I
2019–			Administrative Release