

LAURIE KAY GELLER

Vice President for Academic Affairs

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EDUCATION

- 1998-2003 **Montana State University, Bozeman, Montana**
Ed.D.: Adult and Higher Education Academics
Minor: Mathematics Education
Dissertation: *A Description, Comparison, and Contrast of Postsecondary Developmental Mathematics Programs in North Dakota*
- 1996-1998 **University of North Dakota, Grand Forks, North Dakota**
M.S.: Mathematics
Minor: Statistics
- 1993-1996 **Minot State University, Minot, North Dakota**
B.A.: Majors in Mathematics and Psychology
Minor: Applied Statistics
- 1989-1990 **Wright State University, Dayton, Ohio**
Baccalaureate studies
- 1987-1988 **Miami University, Oxford, Ohio**
Baccalaureate studies

ADMINISTRATIVE EXPERIENCE

- 2016-present **Vice President for Academic Affairs, Minot State University**
Responsibilities include administration of 16 departments and divisions in the Colleges of Arts and Sciences, Education and Health Sciences, and Business; the Graduate School; Registrar; Office of Sponsored Programs; International Programs; the Honors Program; Institutional Research; Academic Assessment the Center for Extended Learning; the Gordon B. Olson Library; the Center for Engaged Teaching and Learning; and the North Dakota Center for Persons with Disabilities. Specific duties and responsibilities include direct supervision of 22 direct reports, including 15 chairpersons, an associate VP, an assistant VP, and five directors. MSU enrollment includes 3,216 students (fall 2017) and employs 157 full-time faculty members as

well as numerous part-time faculty. Works with executive officers, directors, and chairs to administer and facilitate effective, efficient, and high-quality programs using various delivery methods at every level of the university. Serves as Minot State's accreditation liaison officer to the Higher Learning Commission.

Chair of the following committees: Retention Committee, Strategic Planning and Budget Council, University Chairs Council, College Chairs Councils (CAS, CEHS, COB)

Member of the following committees: Faculty Senate, Faculty Senate Executive Board, Academic Assessment, General Education, Sabbatical, Academic Policies, Budget and Salary, Faculty Research, Evaluation of Teaching, Curricular Diversity and Campus Climate, Library, University Cabinet, President's Staff, Student Rights, Student Fees, Commencement, Graduate Council, North Dakota University System Academic Affairs Council.

2015-2016 **Chair, Department of Mathematics & Computer Science, Minot State University**
Responsibilities included administration of academic programs, personnel, and budgets for a department with 12 full-time faculty members and 6-10 adjuncts; approximately 120 undergraduate and 25 graduate students; 1 administrative assistant; and 10-15 student workers; NDUS-funded STEM Program; bachelor's degree programs in mathematics, mathematics education, and computer science, and Master of Arts in Teaching: Mathematics.

2004-2016 **Program Director of Master of Arts in Teaching: Mathematics & Principal Investigator of Related Grants, Minot State University**
Responsibilities included administration of graduate program, personnel, budget, and related grant requirements; grant writing and management; advised 20-40 students; supervised part-time administrative assistant or student worker; coordinated with director of MEd Elementary/Middle School Concertation; course scheduling; preparation of advertising; maintenance of program websites; recruiting; program assessment and quarterly and annual grant reports; curriculum changes; grant-related newsletters; close collaboration with staff in Grants & Contracts, Financial Aid, Student Housing, Graduate School, Business Office, Bookstore, Registrar, Payroll as result of the grant that funded the program.

2012-2015 **Director, Honors Program, Minot State University**
Responsibilities included program oversight; advising of 80-100 honors students; course scheduling across departments; faculty recruitment; preparation of advertising materials; Honors informational sessions at orientation; registration sessions; coordination and planning of Honors graduation convocation ceremony; Honor Society faculty advisor; maintenance of the Honors Program web site; recruiting students and faculty; Honors thesis advisor; curriculum changes; Honors Advisory Council; and member of University Cabinet and Academic Affairs Council.

2008-2012 **Chair, Department of Mathematics & Computer Science, Minot State University**
Responsibilities included administration of academic programs, personnel, and budgets for department with 13 full-time faculty members and 8-12 adjuncts; approximately 100-120 undergraduate and 25-40 graduate students; 1 administrative assistant; and 10-15 student workers; NDUS-funded STEM Program; bachelor's

programs in mathematics, mathematics education, and computer science, and Master of Arts in Teaching: Mathematics.

- 2010-2011 **Associate Director of First-Year Experience, Minot State University**
Responsibilities included all activities related to the first-year experience learning communities— development and implementation of current first-year learning community model, faculty recruitment, faculty professional development, scheduling, promotion, assessment, policies, and program advocate.
- Summer 2006 **Interim Chair, Department of Mathematics & Computer Science, Minot State University**
Responsibilities included oversight of summer courses, personnel, and budgets; handled student issues; and advised at registration sessions.

TEACHING EXPERIENCE

- 2002-present **Minot State University, Minot, North Dakota**
Professor (2014-2016)
Associate Professor (2008-2014)
Assistant Professor (2004-2008)
Instructor (2002-2004)
Responsibilities include teaching mathematics, mathematics education, and statistics courses at the undergraduate and graduate level, teaching first-year seminar courses, as well as advising students, performing research, and serving the institution and the community.
Courses taught include:
Undergraduate courses—Environmental Mathematics, Mathematics for Elementary Teachers I & II, Applied Statistics, Applied Calculus (online and onsite), Calculus I, College Algebra, Linear Models, Probability and Statistics I & II, History of Mathematics, supervision of student teachers, First-Year Seminar (“What’s Math Got to Do with It?” and “Get the Picture?! Clix, Pix, and Txt”), Honors Community, Honors Project & Portfolio Design, Honors Senior Essay & Seminar, Honors Community Problem-Solving.
Graduate courses—History of Mathematics (online), Mentoring Beginning Mathematics Teachers, Beginning Mathematics Teachers, Research in Mathematics/Mathematics Education, Calculus for Secondary School Teachers, Action Research in Math Education, Probability and Statistics and the CCSS Grades 7-12, Formal Writing Project, Capstone Proposal (online), Capstone Project, Thesis.
Other courses—Fall and spring semesters (beginning fall 2006) I teach rock poster art for one or two days in MUSC 207 History of Rock and Pop Music.
- 1998-2001 **Montana State University, Bozeman, Montana**
Graduate Teaching Assistant
Responsibilities included teaching one class per semester and tutoring one hour per week in the mathematics learning center.
Courses taught include: Survey of Calculus, Mathematics for Elementary Teachers I, Mathematics for Elementary Teachers II, The Language of Mathematics.

- 1999 & 2000 **Montana State University College of Technology, Great Falls, Montana**
Adjunct Instructor
 Responsibilities included teaching one class of Business Mathematics each summer.
- 1996-1998 **University of North Dakota, Grand Forks, North Dakota**
Graduate Teaching Assistant
 Responsibilities included teaching two courses of College Algebra per semester.

GRANTS – FUNDED (TOTAL \$4,818,915)

External Grants and Awards

- 2013-2015 **Learning STEMs from Experience**, Title II Part A, Subpart 3 State Agency for Higher Education (SAHE) partnership grants; and Title II Part B Mathematics and Science Partnership (MSP) grants, Minot State University, Laurie Geller and Robert Crackel
\$1,062,000 for two years to fund professional development for K-12 STEM Teachers of North Dakota
- Spring 2013 **WordStock**, North Dakota Humanities Council, Minot State University, Sarah Aleshire – Project Director and Laurie Geller – Financial Director
\$2,583 to support 2013 WordStock Performance Poet as part of MSU NOTSTOCK
- Spring 2013 **Jessica Christy at MSU NOTSTOCK 2013**, North Dakota Council on the Arts, Minot State University, Laurie Geller and Bill Harbort
\$1,000 presenter support grant for Jessica Christy at MSU NOTSTOCK 2013
- 2010-2013 **Teaching Contemporary Mathematics**, U.S. Dept of Education, No Child Left Behind Act of 2001, Title II Part B, Mathematics and Science Partnerships Program and Title II Part A, Subpart 3, Improving Teacher Quality State Grants, State Agency for Higher Education (SAHE) Partnerships Grant
\$1,581,750 for three years to fund the M.A.T.: Mathematics program, M.Ed. Elementary/Middle School Mathematics Concentration, and other graduate professional development courses for K-12 North Dakota math teachers.
- 2010-2012 **Minot State University STEM Grant Initiative**, Stephen Hayton, PI and Laurie Geller, co-grant writer, submitted August 2009 to ND State Board of Higher Education. My role – helped plan the grant, wrote the narrative, and edited the budget
\$250,000 for two years to support a STEM team at Minot State University
- 2006-2010 **Teaching Contemporary Mathematics**, U.S. Dept of Education, No Child Left Behind Act of 2001, Title II Part B, Mathematics and Science Partnerships Program and Title II Part A, Subpart 3, Improving Teacher Quality State Grants, State Agency for Higher Education (SAHE) Partnerships Grant, Minot State University
\$1,794,572 for four years to fund the M.A.T.: Mathematics program, M.Ed. Elementary/Middle School Mathematics Concentration, and other graduate professional development courses for K-12 North Dakota math teachers

- 2005-2006 **Teaching Contemporary Mathematics**, No Child Left Behind Act, Improving Teacher Quality, Title II, Part A, Sub-Part 3 State Grant, Minot State University **\$77,769** for one year (extension of previously funded three-year grant written by Dr. David McCormack) to fund the M.A.T.: Mathematics program and other graduate professional development courses for K-12 North Dakota math teachers
- 2003-2004 **Supplemental Services Provider Grant** to fund a Diagnostic Remediation Center at Minot State University; member of the committee, comprised mostly of MSU education faculty, who wrote and received the grant; amount not known

Internal Grants and Awards

- Spring 2014 **The Art Department Presents Flat Tail Press**, Academic Excellence Initiative Award, Minot State University, Ryan Stander, Laurie Geller, Bill Harbort, Jessica Christy, Walter Piehl; My role – primary writer in collaboration with Ryan Stander **\$26,395** to expand Flat Tail Press, a new educational printmaking studio and entity at Minot State University, to include letterpress and book arts
- Spring 2014 **Mini University: Saturdays at MSU**, Center for Engaged Teaching and Learning, Minot State University, Laurie Geller and HON 391H Community Problem-Solving class
\$800 to support educational activities and supervision for elementary-age students during the weekends
- Summer 2013 **NOTSTOCK 2013 Adventures in Design**, September 10-14, 2013, Center for Engaged Teaching and Learning, Minot State University, Laurie Geller and Bill Harbort
\$5,000 to support 2013 MSU NOTSTOCK engagement activities
- Spring 2013 **Safety Summit**, Center for Engaged Teaching and Learning, Minot State University, Laurie Geller and HON 391H Community Problem-Solving class
\$4,446 to support events aimed at educating Minot and MSU community members about personal safety
- Fall 2011 **NOTSTOCK 2011 Words and Pictures: Posters, Zines, Comics, and Other Vehicles that Explore Visual and Verbal Voices**, Center for Engaged Teaching and Learning, Minot State University, Laurie Geller and Bill Harbort
\$5,000 to support 2011 MSU NOTSTOCK engagement activities
- Fall 2010 **NOTSTOCK 2010: A Live Arts and Music Event at Minot State University**, Center for Engaged Teaching and Learning, Minot State University, Laurie Geller and Bill Harbort
\$5,000 to support 2010 MSU NOTSTOCK engagement activities
- Fall 2006 **The Rock Poster Art of Jay Ryan**, Laurie Geller and Rick Watson, MSU Intellectual Climate Committee grant
\$2,600 including matching funds

GRANTS – SUBMITTED, NOT FUNDED

- Summer 2015 **Learning STEMs from Experience**, Title II Part A, Subpart 3 State Agency for Higher Education (SAHE) partnership grants; and Title II Part B Mathematics and Science Partnership (MSP) grants, Minot State University, Laurie Geller and Robert Crackel
\$300,000 for one year to fund professional development for K-12 STEM Teachers of North Dakota; not funded.
- Spring 2015 **Bush Grant, Letter of Inquiry, Major Initiative – Education**, Minot State University; writing team included Paul Markel, Lori Garnes, Laurie Geller, Beth Odahlen, Holly Major, and Warren Gamas; not recommended for next round
- Spring 2012 **NOTSTOCK 2012 & 2013 Community Arts Engagement in the Great Plains**, The Andy Warhol Foundation for the Visual Arts, Laurie Geller and Bill Harbort, Minot State University
\$50,000 to support NOTSTOCK 2012 & 2013 activities; not funded.
- Fall 2011 **NOTSTOCK 2012 Propaganda, Participation, and the American People in the Year of the Election**, The Andy Warhol Foundation for the Visual Arts, Laurie Geller and Bill Harbort, Minot State University
\$32,000 to support NOTSTOCK 2012; not funded.
- Spring 2011 **NOTSTOCK: An Annual Hands-On Live Arts Event at Minot State University**, The Andy Warhol Foundation for the Visual Arts, Laurie Geller and Bill Harbort, Minot State University
\$83,378 for three years to support 2011-2013 NOTSTOCK activities; not funded.
- Fall 2008 **Minot State University STEM Grant Initiative**, PI and co-grant writer Stephen Hayton, submitted August 2008 to ND State Board of Higher Education.
My role –wrote the majority of the narrative and edited the overall proposal.
\$502,514 request made it to the ND State Board of Higher Education where all such grants were sent back to institutions for major changes and resubmission the following year.

AWARDS

- 2015-2016 Professor of the Year for the College of Arts and Sciences & Advisor of the Year, Student Government Association, Minot State University
- 2014-2015 Advisor of the Year, Student Government Association, Minot State University
- 2012-2013 Professor of the Year for the College of Arts and Sciences, Student Government Association, Minot State University
- Spring 2010 MSU Vision 2013 Achievement Award
- Spring 2007 North Dakota Board of Regents Faculty Achievement Award for Teaching

- 1999-2000 Outstanding Mathematics Graduate Teaching Assistant, Montana State University
- 1999-2000 Outstanding Graduate Teaching Assistant Honorable Mention in the College of Letters and Science, Montana State University

SERVICE ACTIVITIES

Current Service Activities

- 2017-present Board Member, North Dakota Women in Higher Education Network (NDWHEN)
- 2007-present NOTSTOCK Co-organizer and Co-founder, Minot State University
 NOTSTOCK is an annual live, hands-in, hands-on arts event at Minot State University. In this role, I work throughout the year with others on campus, especially Bill Harbort of Art, to coordinate all activities, budgets, contracts, publicity and media, hotel and plane reservations, orders and mailings, interns and volunteers, and all other tasks that support the event. The event lasts 3-4 days and includes performances, demonstrations, lectures, and workshops in printmaking, ceramics, theatre, music, poetry, foreign language, broadcasting, and film. Professionals in these fields work with MSU students and faculty, as well as community members, to foster the arts. Webpage: <http://www.msunotstock.blogspot.com>

Previous Service Activities as a Faculty Member

- 2015-2016 Member of Faculty Satisfaction Survey Committee, Minot State University
- 2015-2016 Co-chair of Ad Hoc Committee for Interdisciplinary Studies, Academic Student Services and Engagement, Minot State University
- 2015-2016 Member of search committee for faculty members in Department of Mathematics & Computer Science, Minot State University
- 2015-2016 Member of Academic Advising Council, Minot State University
- 2015-2016 Member of Orientation Advisory Committee, Minot State University
- 2014-2016 Member of First-Year Learning Community Faculty Team, Center for Engaged Teaching and Learning, Minot State University
- 2014-2016 Member of Promotion Committee, chair during 2015-2016, Minot State University
- 2014-2016 Member of Faculty Senate, Minot State University
- 2014-2015 Secretary of Faculty Senate, Minot State University
- 2014-2015 Member of search committee for four faculty members in Department of Mathematics & Computer Science, Minot State University

Spring 2014 Member of search committee for four faculty members in Department of Teacher Education, Minot State University

Summer 2013 North Dakota Vertical Alignment Project for Mathematics – Taskforce to vertically align math curricula between grades 11 & 12 and the first year of college.

Fall 2012 Member of search committee for Director of Office of Sponsored Programs, Minot State University

2012-2015 Faculty Advisor, Honors Society, Minot State University

2012-2015 Member of University Cabinet, Minot State University

2012-2015 Member of Academic Affairs Council, Minot State University

2012-2015 First-Year Experience Assessment Committee, Center for Engaged Teaching and Learning, Minot State University

2012-2014 Faculty Senate Sabbatical Committee, Minot State University

2011-2014 Member of Faculty Senate, Minot State University

2011-2015 Co-coordinator of new faculty orientation program, monthly professional development meetings, and volunteer mentoring program with Lisa Borden-King, Minot State University

2011-2012 Member of North Dakota Dual Credit Task Force

2011-2012 Member of Common Core State Standards Higher Education Curriculum Taskforce

2010-2016 Member of Center for Engaged Teaching and Learning Advisory Board, Minot State University

2010-2011 Chair of search committee for Department of Math & Computer Science faculty member in computer science, Minot State University

2010-2011 Member of Faculty Senate Ad Hoc Committee on First-Year Experience and Engagement, Minot State University

2009-2010 Chair of search committee for Department of Math & Computer Science faculty member in mathematics, Minot State University

2009-2010 Member of Faculty Senate Executive Board, Minot State University

Fall 2009 Member of search committee for Director of Center for Engaged Teaching and Learning, Minot State University

Spring 2009 Chair of search committee for Department of Math & Computer Science faculty member in mathematics, Minot State University

2008-2010	Graduate Student Rights Committee, Minot State University
Fall 2008	Graduation and Retention Committee, Minot State University
Spring 2008	Chair of the All Students Dimension Committee for the Foundations of Excellence project and member of the Philosophy Dimension Committee of the same project, Minot State University
Spring 2007	Search committees for Department of Math & Computer Science faculty members, Minot State University
Spring 2007	Member of Strategy 1 Vision 2013 Committee, Minot State University
2006-2009	Mentor in Mentoring Program, Minot State University
Fall 2006	North Central Association team member for documentation visit at Dakota Memorial High School
2005-2006	Member of the Advisory Council for the Diagnostic Remediation Center, Minot State University
Spring 2005	Search committee member for the Dean of Graduate School and Research and Sponsored Programs, Minot State University
Spring 2005	Search committee for Department of Math & Computer Science faculty member, Minot State University
2004-2016	Member of Graduate Program Directors' Committee, Minot State University
2004-2011	Member of Graduate Council, Minot State University
2003-2004	North Central Association team member for initial school improvement/accreditation visit at Dakota Memorial High School
2003-2004	Member of the validation/standard setting panel for middle school math teacher licensure assessments, Praxis Series, developed by ETS
2002-2014	Math Track Meet Committee (known as MSU Math Competition since 2013) Member and emcee of some Math Track Meets, Minot State University
2002-2006	Member of the Academic Assessment Committee, Minot State University
2002-2005	General College student advisor, Minot State University
2002-2003	Participant in Partners in Learning (PIL), a collaborative faculty development program funded by the Bush Foundation, Minot State University

PRESENTATIONS

- November 2016 *Women in Higher Education Panel Discussion*, North Dakota ACE Women's Leadership Conference, Fargo, ND, panel: Dr. Peggy Kennedy, Dr. Ellen Chaffee, Dr. Laurie Geller, Dr. Connie Gores, Shantelle Smith, Janna Stoskopf
- November 2012 *Rubbing Shoulders*, Mid-America Print Council 2012 Biennial Conference, Cape Girardeau, MO, presenters: Kent Kapplinger, Dr. Stephen Frech, Dr. Laurie Geller, Bill Harbort, John Volk
- February 2011 *50 Ways to Teach Your Students*, 30th Annual Conference on the First-Year Experience, Atlanta, GA, presenters: Cheryl Nilsen, Lisa Borden-King, Kathy Hintz, Laurie Geller, Beth Odahlen
- June 2008 *Visual and Kinesthetic Connections for Math Manipulatives*, Mind/Brain Myth-Busters Seminar, Minot State University, Minot, ND
- April 2008 *Mathematics in the Real World*, NDCTM Spring Conference, Grand Forks, ND
- September 2007 *Visual and Kinesthetic Connections for Math Manipulatives*, Mind/Brain Myth-Busters Seminar, Minot State University, Minot, ND
- April 2007 *Artistic Patterns and Tessellations Using Geometer's Sketchpad*, MSU Poster Session, Minot, ND, presented by Julie Fischer (undergraduate student), advised by Laurie Geller
- March 2007 *Artistic Patterns and Tessellations Using Geometer's Sketchpad*, NDCTM Spring Conference, Fargo, ND, co-presenters Julie Fischer (undergraduate student) & Laurie Geller
- April 2006 *High School Mathematics and Its Effects on Post-Secondary Mathematics*, NDCTM Spring Conference, Bismarck, ND, co-presenters Joel Just & Laurie Geller
- April 2005 *Activities that Incorporate the History of Mathematics in the Classroom*, NDCTM Spring Conference, Jamestown, ND
- October 2004 *Virtual Manipulatives: Interactive Tools for Teaching Mathematics*, NDEA Fall Conference, Bismarck, ND
- March 2004 *Virtual Manipulatives: Interactive Tools for Teaching Mathematics*, NDCTM Spring Conference, Grand Forks, ND

CONSULTING

- 2006-2007 Statistical consultant and analyst for Clarine Sandstrom's dissertation data
- 2006-2007 Assisted in the rating and analysis of Cheryl Nilsen's dissertation data
- 2003-2004 Reviewer for *Thinking Strategies for Mastering Mathematics*

GRADUATE COMMITTEE WORK

2003-present Chair of 50 Master of Arts in Teaching (MAT) or Master of Education (MEd) graduate thesis or project committees (47 successfully defended—see below, 3 in progress); graduate committee member of another 45 MSU graduate students (44 successfully defended, 1 in progress); and currently supervising 13 MAT: Math capstone projects that will be complete in fall 2015.

Summer 2015

1. Andy Braaten (capstone project) – *Student-Created Screencasts and their Effect on Mathematical Communication Skills and Mathematical Confidence of Algebra I Students*
2. Janet Bartels (capstone project) – *The Effects of Paired Collaborative Learning on Student Perceptions of Mathematical Comprehension, Confidence, and Comfort Levels*
3. Tanya Rensvold (capstone project) – *Using Journaling Activities to Increase Mathematical Communication Skills in Geometry*
4. Trent Kosel – *Effective Feedback: How Students Utilize Feedback to Make Academic Improvements*
5. Chelsea Hageman (capstone project) – *Using Student Empowerment to Reduce Levels of Math Anxiety in At-Risk High School Students*

Spring 2014

6. Connie Blair (capstone project) – *The Effects of Proactive Advising on First-Generation Community College Students*
7. Krissandra Pohl (capstone project) – *The Effects of Problem Posing Strategies on Students' Problem Posing Skills, Persistence, and Problem Solving Skills*
8. Travis Thielges (capstone project) – *Exploring Co-Teaching in the High School Mathematics Classroom*
9. Darron Fry (two papers) – *Asperger Syndrome and the Mathematics Classroom; The Life of Dedekind*

Summer 2014

10. Jessica Myxter (capstone project) – *Effects of Flipping the Classroom on Learning Environment and Student Achievement*

Fall 2013

11. Kelly Schettler (capstone project) – *Student and Parent Perceptions of Standards-Based Grading*

Summer 2013

12. Benjamin C. Nelson (capstone project) – *It's Algebra, With a "Click!"*
13. Duane Broe (capstone project) – *The Effects of Teaching Cornell Notes on Student Achievement*

Summer 2012

14. Bethany Shehan (thesis) – *The Relationship Between Math Achievement and Participation in High School Music*
15. Ashly Marshall (capstone project) – *Using Discovery Learning with geometer's Sketchpad to Measure Retention*
16. Nate Speidel (capstone project) – *Implementation of ACT Practice and Test-Taking Strategies into the Math Classroom and Its Effects on Student Readiness and Achievement*
17. Amanda Borseth (capstone project) – *Hands-On Fractions: A Manipulative Approach*

18. Christopher Loff (capstone project) – *Using Student-Led Classrooms to Increase Engagement, Ownership of Learning, and Academic Performance in the Mathematics Classroom*
19. David Peterson (capstone project) – *Students' Perceptions of Supplemental Online Homework in an Applied Calculus Class*

Spring 2012

20. Shawna Egli (capstone project) – *Using STEM Education to Promote 21st Century Math Skills*
21. Kim Schoenborn (thesis) – *To Click or Not to Click: Let's Vote on It*
22. Fenecia Forster (capstone project) – *Using Reasoning Tasks to Develop Skills Necessary to Learn Independently*
23. Jonathan Fugleberg (capstone project) – *Enhancing Student Performance by Incorporating the TI-Nspire™ into Advanced Algebra*

Fall 2011

24. Alicia Berginski (two papers) – *Effective Implementation of Cooperative Learning in a Secondary Mathematics Classroom; Using Writing to Enhance Learning in Mathematics*

Summer 2011

25. Liza Lynn Hasse (two papers) – *Carl Friedrich Gauss; Niels Henrik Abel*
26. Thomas Scott Milbrandt (capstone project) – *Clicking toward an Engaged Algebra I Classroom*
27. Nancy Daly (capstone project) – *Using Student Self-Reflections to Improve Student Study Habits in the Mathematics Classroom*
28. Colleen Hodenfield (capstone project) – *How Do You Know When They Know It?*
29. Trevar J. Hansen (capstone project) – *Implementing Restitution Discipline in the Classroom: The Effects on Student Behavior*

Fall 2010

30. Daniel Hoornaert (two papers) – *Interactive Whiteboards in the Mathematics Classroom; The Role of Homework in Mathematics*

Summer 2010

31. Dana Garnett (two papers) – *Differentiated Instruction in the Secondary Mathematics Classroom; Closing the Achievement Gap in Mathematics*
32. Aaron Thielges (two papers) – *Block Scheduling and Teacher Instruction; Block Scheduling and Student Achievement*

Spring 2010

33. April Anderson (two papers) – *Use of Virtual Manipulatives in the Mathematics Classroom; Use of Humor in the Mathematics Classroom*
34. Sarah Volk (two papers) – *Implementing Constructivist Practices into Secondary Mathematics Classes; Integrating the TI-Nspire™ into Geometry and Algebra 2*

Fall 2009

35. Leanne M. Smutzler (thesis) – *The Effect of Connected Mathematics Project (CMP2) on Student Attitude and Achievement*
36. Chad Worrel (thesis) – *Student Mathematics Achievement after Completing a Series of Integrated Lessons*
37. Shelly Wolberg (two papers) – *Selected Women Mathematicians and Their Fields of Mathematical Work; Eratosthenes: A Man of Considerable Talent*

Fall 2008

38. Monica Roemmich (two papers) – *The History and the Role of Transformations in the High School Curriculum; Implementation of Various Learning Theories in the Teaching of Mathematics*
39. Shayna Gibbons (two papers) – *Student Attitudes toward Mathematics; Pros and Cons of Interactive Whiteboard Use in the Classroom*
40. Marcy Heaman (two papers) – *Understanding and Using Multiple Intelligences in the Mathematics Classroom; Gender Issues in Mathematics*

Summer 2008

41. Laurie Ann Yourk (two papers) – *Numbers and Mathematics of the Ancient Maya; Using Online Homework Management Systems in Teaching Mathematics*

Fall 2007

42. Michael L. Holub (two papers) – *What Does Effective Cooperative Learning Look Like in the Mathematics Classroom; Blaise Pascal: A Life of Genius*

Summer 2007

43. William B. Murray (two papers) – *Mathematics Anxiety: Causes, Effects, and Reduction; Newton and Leibniz: The Priority Dispute Over Calculus*

Fall 2006

44. Steven R. Kuske (two papers) – *Grace Hopper: Eminent Mathematician; Technology, the Toolmaker and a Dream*

Summer 2005

45. John L. Zenz (two papers) – *Leonard Euler: A Prolific Mathematician; Sophie Germain: One of the First Great Female Mathematicians*

Spring 2004

46. Crystal K. Johnson (thesis) – *How Much Homework Is Too Much?*

Fall 2003

47. Susan M. Forester (thesis) – *The Impact of Interdisciplinary Lessons on Precalculus Students' Perceptions of the Relevance of Mathematics*

PUBLICATIONS

Summer 2003 *A Description, Comparison, and Contrast of Postsecondary Developmental Mathematics Programs in North Dakota*, Doctoral Dissertation

PROFESSIONAL DEVELOPMENT ACTIVITIES

February 2017 American Association of State Colleges and Universities (AASCU) Academic Affairs Winter Meeting, San Diego, CA

October 2015 National Society of Experiential Education Workshop, "NSEE Principles of Ethical and Best Practice for Experiential Education," Minot State University

November 2012 National Collegiate Honors Council Annual Conference, Boston, MA

March 2011 American Association of Colleges & Universities (AAC&U) Conference: General Education & Assessment 3.0: Next-Level Practices Now, Chicago, IL

February 2010 Annual Conference on the First-Year Experience, Denver, CO

- November 2010 AAC&U Conference: Creativity, Inquiry, and Discovery: Undergraduate Research In and Across the Disciplines, Durham, NC
- February 2010 U.S. Department of Education Mathematics Science Partnership Regional Conference, San Diego, CA
- February 2010 Annual Conference on the First-Year Experience, Denver, CO
- March 2009 U.S. Department of Education Mathematics Science Partnership Regional Conference, Chicago, IL
- March 2008 U.S. Department of Education Mathematics Science Partnership Regional Conference, Chicago, IL
- May 2007 *The Teaching Professor* conference in Atlanta, GA
- Spring 2005 Research in Undergraduate Mathematics (RUME) conference in Phoenix, AZ

PROFESSIONAL MEMBERSHIPS

Member of the National Council of Teacher of Mathematics (NCTM)

Member of the North Dakota Council of Teachers of Mathematics (NDCTM)

Former Member of the National Collegiate Honors Council (NCHC)

REFERENCES

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