

LAURIE KAY GELLER

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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 the Colleges of Arts and Sciences, Education and Health Sciences, and Business; Graduate School; Registrar; Honors Program; Interdisciplinary Studies; Looyenga Leadership Center; Institutional Research; Institutional Assessment; Office of Sponsored Programs; Gordon B. Olson Library; Academic Support Center; POWER (TRiO) Center; and North Dakota Center for Persons with Disabilities. Specific duties and responsibilities include direct supervision of 11 direct reports, including an assistant vice president for academic affairs, nine directors, and an administrative assistant. MSU enrollment includes 2,735 students (fall 2022) and employs approximately 150 full-time faculty members as well as numerous part-time faculty. Works with executive officers and chairs to administer and facilitate effective, efficient, and high-quality programs using various delivery methods at every level of the university.
Chair of the following committees: Strategic Planning and Budget Council, Academic Affairs Council

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

- 2018-present **Program Coordinator, Graduate Mathematics Education Certificate, Graduate Secondary Mathematics Concentration, Minot State University**
Responsibilities include administration of graduate program concentration; student advising; maintenance of program website; program assessment; coordination of offerings and instruction with Valley City State University. Developed all courses as online offerings.
- 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 Concentration; 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. Teaching modalities include face-to-face and online.
 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 and Philosophy of Mathematics (online), Mentoring Beginning Mathematics Teachers, Beginning Mathematics Teachers, Research in Mathematics/Mathematics Education (online and face-to-face), Calculus for Teachers (online and face-to-face), Action Research in Math Education, Advanced Math for Teachers (online), Probability and Statistics for Teachers (online and face-to-face), Trends in Math Education (online), Formal Writing Project, Capstone Proposal (online), Capstone Project (online and face-to-face), Thesis.
Other courses—Guest lecturer 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.

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

GRADUATE COMMITTEE WORK

- 2003-present Chair of 64 Master of Arts in Teaching (MAT) or Master of Education (MEd) graduate thesis or project committees (61 successfully completed); graduate committee member of another 45 MSU graduate students (44 successfully completed).

SERVICE ACTIVITIES

Current Service Activities

- 2022-2023 Co-chair, Academic Affairs Council, North Dakota University System
- 2017-2022 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

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

PROFESSIONAL MEMBERSHIPS

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

REFERENCES

Jacek Mrozik

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