

Jon F. Hasenbank

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ACADEMIC POSITIONS HELD

Associate Professor of Mathematics Education (2010 – Present)
Mathematics Department, University of Wisconsin – La Crosse

Assistant Professor (2006 – 2010)
Mathematics Department, University of Wisconsin – La Crosse

EDUCATION and PROFESSIONAL PREPARATION

Ph D, Montana State University, 2006 (Mathematics with Math Education Specialization).
Dissertation Title: The Effects of a Framework for Procedural Understanding on College Algebra Students' Procedural Skill and Understanding.

MS, Montana State University, 2003 (Mathematics).

GK-12 Education Fellowship, Michigan Technological University, 2001
NSF-Sponsored K-12 Outreach Program

BS, Michigan Technological University, 2000 (Mathematics, Mathematics Education Emphasis)

TEACHING

Courses Taught at UW-La Crosse, Fall 2006 – Spring 2012)

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|---|---|
| CI 364 – Secondary Math Methods (3 offerings) | MTH 207 Calc I (1) |
| MTH 125 Math for Elem Tchrs I, (12*) | MTH 208 Calc II (2) |
| MTH 126 Math for Elem Tchrs II (8) | MTH 320 History of Mathematics (1) |
| MTH 151 Precalculus, (3) | MTH 331 Modern Geometry (1*) |
| MTH 171 Geometry for Elem Teachers (2) | MTH 395 Special Topics in Math (5) |
| MTH 175 Applied Calculus (1) | MTH 499 Research Topics (2). |
| MTH 280 Problem Solving for Elem Tchrs (3) | MTH 595 Teaching Math for Understanding (2) |

* includes scheduled Spring 2012 offerings

Courses Taught at MSU-Bozeman, Fall 2001 – Spring 2006

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|--|-------------------------|
| Algebra for College Students | Calculus I |
| Mathematics for Elementary Teachers II | Calculus II |
| Geometry for Elementary Teachers | Multivariable Calculus |
| The Language of Mathematics | Introductory Statistics |

K-12 Teaching and Supervision

2010 (Fall). Student Teacher Observations. 10 site visits.

2006-07. In-service Teacher Observations. 20 site visits.

2005 (Spring). Teaching Internship. Belgrade High School, Belgrade, MT.

2001 (Spring). Long-term substitute teacher, Grades 7-9. Jeffers High School, Painesdale, MI.

2000-01. GK-12 Outreach Fellow. Grades 9-12. Partnership between Michigan Technological University (Houghton, MI) and Jeffers High School (Painesdale, MI).

RESEARCH and SCHOLARLY ACTIVITY

Contracts, Grants and Sponsored Research

External Grants (Funded)

Hasenbank, Jon F, Kosiak, Jennifer J (Co-Principal), "Professional Development Partnership for Improving Understanding in Algebra", Sponsored by Wisconsin ESEA Improving Teacher Quality, \$70491. (Funded: April 1, 2007 - July 31, 2008).

UW System Grants (Funded)

Kosiak, Jennifer J (Principal), Hasenbank, Jon F (Supporting), "Wisconsin PREP Mathematics: PReparing Educators for Praxis II", \$19244. (Funded: June 2007 - July 2008).

Hasenbank, Jon F (Principal), Kosiak, Jennifer J (Co-Principal), Gerber, Daniel T, "UW System Wisconsin's Grassroots Teacher Quality Assessment Model - Extension Award", \$10000. (Funded: September 2010 - July 2011).

Hasenbank, Jon F (Principal), Kosiak, Jennifer J (Co-Principal), Gerber, Daniel T, "UW System Wisconsin's Grassroots Teacher Quality Assessment Model - Video Enhancement Award", \$10000. (Funded: September 2010 - July 2011).

Hasenbank, Jon F (Principal), Kosiak, Jennifer J (Co-Principal), "UW System Wisconsin's Grassroots Teacher Quality Assessment Model", \$35000. (Funded: June 2008 - July 2011).

Hasenbank, Jon F, "STAR Grant", Sponsored by FIPSE and UWSA, \$5057. (Funded: June 2010 – June 2011).

UW-L Grants (Funded)

Hasenbank, Jon F (Co-Principal), Kosiak, Jennifer J (Co-Principal), "Implementing a Framework for Understanding Algebra", \$6000. (Funded: June 2008 - December 2009).

Hasenbank, Jon F (Principal), "A Podcasting Cycle for Improving Pedagogical Content Knowledge", Sponsored by UW-L's Institute for Innovation in Undergraduate Research and Learning (IIURL), \$5000. (Funded: July 2010 – June 2011).

External Grants (Submitted, Not Funded)

Hasenbank, Jon F (Principal), Kosiak, Jennifer J (Co-Principal), Hodgson, Ted (Co-Principal), Harper, Jonathan (Co-Principal), "Assessing Instructional Focus and Achievement in Algebra", Sponsored by US Department of Education, \$871969. (Not funded).

Barnes, Eric I (Principal), Ragan, Robert J (Co-Principal), Sudhakaran, Gubbi R (Co-Principal), Hasenbank, Jon F (Supporting), "Impact of Active-Learning Techniques on Long-Term Material Retention and Student Attitudes", Sponsored by National Science Foundation, \$165875. (Not funded).

Kosiak, Jennifer J (Co-Principal), Hasenbank, Jon F (Co-Principal), "Enhancing the Understanding of Teachers and Students in Western Wisconsin: Math-C4", Sponsored by Department of Public Instruction - ESEA 2001, NCLB, \$561295. (Not funded).

Kosiak, Jennifer J (Principal), Hasenbank, Jon F (Co-Principal), Gerber, Daniel T (Co-Principal), Agarwal, Vijendra (Co-Principal), Nelson, Randy (Co-Principal), Shaw, Todd (Co-Principal), "Partnering Resources to Improve Math and Science Education (PRIMSE) in Western Wisconsin", Sponsored by National Science Foundation, \$276064. (Not funded).

Kosiak, Jennifer J (Principal), Tyser, Kathie (Co-Principal), Gerber, Daniel T (Co-Principal), Brunsell, Eric S, Shaw, Todd (Co-Principal), Hasenbank, Jon F (Supporting), Kelly, Susan E (Supporting), Grunwald, Sandra K (Supporting), "Partnering with Community Resources to Improve Math and Science in Western Wisconsin", Sponsored by National Science Foundation, Math and Science Partnership – START Grant, \$271296. (Not funded).

Hasenbank, Jon F (Co-Principal), Kosiak, Jennifer J (Co-Principal), "Mentoring and Action Research for Improving Understanding in Mathematics", Sponsored by Wisconsin Improving Teacher Quality (WITQ), \$200125. (Not funded).

UW System Grants (Submitted, Not Funded)

Kelly, Susan E (Principal), Reese, Edward B (Co-Principal), Grunwald, Sandra K (Co-Principal), Haro, Roger J (Co-Principal), Hasenbank, Jon F (Supporting), "Promoting Institutional Change to Foster Access and Excellence for Historically Underrepresented Population", \$18783. (Not Funded)

Published Intellectual Contributions

Conference Proceedings

Hasenbank, J. F., Hodgson, T., Kosiak, J. J. (2011). In Wiest, L. R., Lamberg, T. (Ed.), *Quantifying Instructional Focus on Procedural Understanding in Algebra: A Digital Observation Protocol*

(pp. 1190-1197). Reno, NV: Proceedings of the 33rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.

Hasenbank, J. F., Hodgson, T. (2007). *A Framework for Developing Algebraic Understanding and Procedural Skill: An Initial Assessment*. Special Interest Group of the Mathematical Association of America on Research in Undergraduate Mathematics Education.

Hasenbank, J.F. (2005). *A Vision of a Three-Dimensional Re-Conceptualization of Mathematical Knowledge*. In Lloyd, G. M., Wilson, M., Wilkins, J. L. M., & Behm, S. L. (Eds.), Proceedings of the 27th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education [CD-ROM]. Eugene, OR: All Academic.

Journal Articles

Hasenbank, J. F., Kosiak, J. J. (2008). The Implementation of a Framework for Procedural Understanding in 7-12 Mathematics. *Wisconsin Teacher of Mathematics*, 58(2), 24 - 28.

Periodicals

Kosiak, J. J., Hasenbank, J. F., Gerber, D. T. (2009). *SOE Math and Science Faculty Explore Digital Assessments of Pedagogical Content Knowledge* (vol. May 2009, pp. 7-8). La Crosse, WI: Teacher Talk, School of Education Newsletter.

Presentations Given

Hasenbank, J. F., Hodgson, T., Kosiak, J. J., 33rd Annual PME-NA Conference, "Quantifying Instructional Focus On Procedural Understanding In Algebra: A Digital Observation Protocol," The North American Chapter of the International Group for the Psychology of Mathematics Education, Reno, NV. (October 23, 2011).

Hasenbank, J. F., Hoar, R. H., LTDC West Regional Showcase, "The Latest Apps and Workflows for Podcasting Using Your iPad2," Learning Technology Development Council, UW-Platteville. (October 7, 2011).

Schmidt, A. J. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), Wisconsin Mathematics Council's Annual Conference, "Project-based Learning: Covering the Curriculum, and So Much More," Green Lake, WI. (May 6, 2011).

Schmidt, A. J. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), Wisconsin Mathematics Council's Annual Conference, "The Factox Method and Other Ways to Teach Factoring," Green Lake, WI. (May 5, 2011).

Hasenbank, J. F., Kosiak, J. J., Association of Mathematics Teacher Educators, "Examining Mathematics Knowledge for Teaching (MKT) through Classroom Observations," AMTE, Irvine, California. (January 28, 2011).

- Hasenbank, J. F., Kosiak, J. J., Annual Meeting, "Teaching for Understanding and Its Impact on Learning in Algebra," National Council of Teachers of Mathematics, San Diego, CA. (April 22, 2010).
- Hasenbank, J. F., Kosiak, J. J., Research Pre-session, "Teaching for Understanding and Its Impact on Learning in Algebra," National Council of Teachers of Mathematics, San Diego, CA. (April 20, 2010).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Carnegie Learning Webinar Series, "Teaching for Understanding and Its Impact on Students' Learning in Algebra," Carnegie Learning. (March 25, 2010).
- Hasenbank, J. F., Transition Math Project Winter Retreat, "A Framework for Procedural Understanding: Theory into Practice," SeaTac, WA. (January 28, 2010).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Regional Conference and Exposition, "Teaching for Understanding and Its Impact on Students' Learning in Algebra," National Council of Teachers of Mathematics, Minneapolis, MN. (November 6, 2009).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), 11th Annual Conference on Teaching and Learning, "Powerful Questions in (Mathematics) Education," UW-La Crosse, Center for Advancing Teaching and Learning, UW-La Crosse. (September 4, 2009).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Belter, A. (Co-Presenter), Wisconsin Mathematics Council's Annual Conference, "Promoting Student Understanding of Algebra," Green Lake, WI. (May 7, 2009).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Mathematical Association of America - Wisconsin Section Annual Conference, "Developing Preservice Elementary Teachers' Algebraic Understanding," University of Wisconsin - La Crosse. (April 24, 2009).
- Hoar, R. H. (Co-Presenter), Ledocq, R. L. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), Mathematical Association of America - Wisconsin Section Annual Conference, "MathCasting: Documenting Critical Thinking in Undergraduate Mathematics," University of Wisconsin - La Crosse. (April 24, 2009).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Belter, A. (Co-Presenter), Mathematical Association of America - Wisconsin Section Annual Conference, "The Algebraic Understanding of High School Students," University of Wisconsin - La Crosse. (April 24, 2009).
- Kosiak, J. J. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), Western Wisconsin Education Conference, "Exploring Mathematics in the Elementary School Classroom," La Crosse, WI. (February 20, 2009).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Western Wisconsin Education Conference, "Teaching for Understanding: Impact on Learning in Algebra," La Crosse, WI. (February 20, 2009).

- Hasenbank, J. F. (Presenter Only), Improving Educator Quality grant follow-up meeting, "Teaching for Understanding: An Evolving Perspective," Northern Kentucky University. (February 2, 2009).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), Faculty Research Day, "Algebraic Habits of Mind among Pre-service Elementary Teachers," University of Wisconsin - La Crosse. (January 25, 2009).
- Kosiak, J. J., Hasenbank, J. F. (Co-Author), Joint Mathematics Meetings, "Focusing on Algebraic Understanding using a Student-Centered Questioning Framework," Mathematical Association of America and American Mathematical Society, Washington, D.C.. (January 7, 2009).
- Kosiak, J. J., Hasenbank, J. F. (Co-Author), Joint Mathematics Meetings, "Teaching for Understanding through a Professional Development Partnership.," Mathematical Association of America and American Mathematical Society, Washington, D.C.. (January 5, 2009).
- Hasenbank, J. F., Kosiak, J. J., MathFest 2008, "The Impact for Teaching for Understanding Experiment in 8 – 12th Grade mathematics," Mathematical Association of America, Madison, WI. (August 2, 2008).
- Kosiak, J. J. (Co-Presenter), Ledocq, R. L. (Co-Presenter), Hoar, R. H. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), MathFest, "Using Video Podcasts to Model Critical Thinking in Undergraduate Mathematics," Mathematical Association of America, Madison, Wisconsin. (August 1, 2008).
- Hasenbank, J. F. (Presenter & Author), Kosiak, J. J. (Co-Author/Co-Presenter), Wisconsin Research Seminar on Improving Educator Quality, "A Digital Observation Instrument for Quantifying Educator Effectiveness," Wisconsin DPI, UW-System, and three others., Wisconsin Dells, WI. (June 17, 2008).
- Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), et al. (Co-Presenter), Wisconsin Mathematics Council's Annual Meeting in Green Lake, "Teaching Math for Understanding - Our Shared Experience." (May 1, 2008).
- Chaouki, R. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), Western Wisconsin Education Council (WWEC), "A Deeper Understanding of Algebra / Math," La Crosse, WI. (February 15, 2008).
- Hasenbank, J. F. (Presenter Only), Hodgson, T. (Co-Presenter), Joint Mathematics Meetings, "The Impact of an Algebra Framework on Understanding and Skill in College Algebra," American Mathematical Society (AMS) and Mathematical Association of America (MAA), San Diego, CA. (January 9, 2008).

Hasenbank, J. F. (Presenter Only), 39th Annual Green Lake Conference, "Procedural Understanding in Mathematics - A Framework for Building Connections," Wisconsin Mathematics Council, Green Lake, WI. (May 3, 2007).

Hoar, R. H., Kosiak, J. J., Ledocq, R. L., Hasenbank, J. F., Ernie, K., Hofacker, E., Serros, S., 75th Annual State Meeting of the Mathematical Association of America, "The PRAXIS WI Project," UW - Eau Claire. (April 21, 2007).

Hasenbank, J. F. (Presenter & Author), Hodgson, T. (Presenter & Author), Tenth Conference on Research in Undergraduate Mathematics Education, "A Framework for Developing Algebraic Understanding & Procedural Skill: An Initial Assessment," Special Interest Group of Mathematical Association of America (SIG-MAA), San Diego, CA. (February 23, 2007).

SERVICE

Department Service

Seminars on Teaching Mathematics, Faculty Advisor. (September 2008 - Present).

Campus Close-up Representative. (September 2010 - May 2011).

Merit Committee, Member. (June 1, 2009 - May 31, 2011).

Campus Close-up Representative. (September 2009 - May 2010).

Search and Screen - Math Education Position, Member. (April 2009 - March 2010).

Mathematics Scholarship Committee, Member. (April 2009).

Search and Screen - Math Education Position, Member. (April 2008 - February 2009).

DPI SOE Accreditation Report, Member. (September 2007 - October 2008).

Christiansen Scholarship Review Committee, Member. (March 19, 2007 - April 2, 2007).

College Service

Search and Screen Committee (Psychology Dept), Member. (September 2009 - February 2010).

University Service

Teacher Education Governing Council, Member. (September 2010 - Present).

School of Education Comprehensive Assessment System Committee, Recorder. (September 2009 - Present).

School of Education Fieldwork Standards in Practice Committee, Member. (September 2009 - Present).

School of Education Content Liaison. (September 2006 - Present).

School of Education Program Evaluation Day, Focus Group Moderator. (May 2010).

Scholarship & Awards, Chair. (September 2009 - May 2010).

Educational / Developmental Psychology Search & Screen, Member. (September 2009 - March 2010).

School of Education Program Evaluation Day, Focus Group Moderator. (December 2009).

Search and Screen for Director of School of Education, Member. (May 2009 - December 2009).

School of Education Program Evaluation Day, Focus Group Moderator. (May 2009).

School of Education Student Teaching Exit Interviews. (May 2009).

Scholarship & Awards, Secretary. (September 2008 - May 2009).

Scholarship & Awards, Member. (September 2007 - May 2008).

School of Education Summer Work Project. (May 2007 - June 2007).

External Professional Service

Committee Chair, Wisconsin Mathematics Council Website Committee, approximately 20 hours spent per year. (October 2010 - Present).

Committee Member, Wisconsin Mathematics Council Membership & Marketing Committee, approximately 15 hours spent for the year. (September 2006 - October 2010).

Committee Member, Wisconsin Mathematics Council Website Committee, approximately 15 hours spent for the year. (February 2010 - September 2010).

External Evaluator, Improving Educator Quality Grant E² Extension, Northern Kentucky University, Compensated. (July 2009 - June 2010).

External Evaluator, Improving Educator Quality Grant E², Northern Kentucky University, Compensated. (August 2008 - June 2009).

Conference-Related Service, Wisconsin Section of the Mathematical Association of America, , approximately 5 hours spent for the year. (April 2009 - May 2009).

Conference-Related Service, National Council on Undergraduate Research (NCUR), approximately 2 hours spent for the year. (April 2009).

Statistical Consultant, Indiana University Math Science Partnership, Compensated. (August 2008 - April 2009).

Research Consultant, Montana State University Department of Mathematical Sciences, approximately 10 hours spent for the year, Compensated. (February 2007 - May 2007).

Mentor, UW-La Crosse e-Mentor Program, approximately 20 hours spent for the year. (October 15, 2008 - June 1, 2009).

Service Presentations

Hasenbank, J. F. (Presenter Only), "Teaching Digitally in Person!", UW-La Crosse, CoTL. (September 2, 2011).

McCool, J. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), "Data Analysis and Mathematical Models", UWL campus, Wisconsin Improving Teacher Quality Grant. (June 30, 2011).

Hasenbank, J. F. (Co-Presenter), "Technology to Engage Students and Teachers: "Now We Have Smartboards, What's Next?""", Wing 102, UW-L School of Education. (April 29, 2011).

Hasenbank, J. F. (Presenter Only), Kosiak, J. J. (Presenter Only), "Teaching with an Interactive Whiteboard (Demonstration)", Cowley Hall, UW-L, UW-L Student Chapter of Wisconsin Education Association. (November 9, 2010).

Hasenbank, J. F. (Presenter Only), Mathison, H. (Presenter Only), "Learning to Podcast, Podcasting to Learn (Demonstration)", Morris Hall, UW-L, UW-L Student Chapter of Wisconsin Education Association. (September 27, 2010).

Hasenbank, J. F. (Presenter Only), "Will it Float? The Mathematics of Density", UW-La Crosse, Girls in Science - UWL Continuing Education and Extension. (June 2010).

Hoar, R. H., Kosiak, J. J., Hasenbank, J. F., "Using Podcasts to Assess Student Content Knowledge", UW-La Crosse, Center for Advancing Teaching and Learning. (September 4, 2009).

Hasenbank, J. F. (Presenter Only), "Will it Float? The Mathematics of Density", UW-La Crosse, Girls in Science - UWL Continuing Education and Extension. (June 2009).

Kosiak, J. J., Hasenbank, J. F. (Co-Author/Co-Presenter), "Assessing Student Teacher Content Knowledge with Digital Podcasts", Madison, Wisconsin, UW System FIPSE Teacher Quality Assessment Grant. (April 29, 2009).

Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), "How Stuff Works!", UW-La Crosse, STEM Saturdays. (April 18, 2009).

Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), "Where on Earth?", UW-La Crosse, STEM Saturdays. (October 18, 2008).

Kosiak, J. J. (Co-Presenter), Hasenbank, J. F. (Co-Presenter), "Experimenting with Mathematics", University of Wisconsin - La Crosse, Young Scholars - Continuing Education and Extension. (July 2008).

Hasenbank, J. F. (Presenter Only), "Candy Meteors and Other Sweet Math", UW-La Crosse, Girls in Science - UWL Continuing Education and Extension. (June 2008).

Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), "The Wonders of Statistics", La Crosse Tribune. (December 6, 2007).

Kosiak, J. J. (Co-Author/Co-Presenter), Hasenbank, J. F. (Co-Author/Co-Presenter), "Budget, Taxes, and Levies", La Crosse Tribune. (November 29, 2007).

Hasenbank, J. F. (Co-Presenter), Kosiak, J. J. (Co-Presenter), "News and Numbers: Rates, Percents, and Averages", La Crosse Tribune. (November 15, 2007).

Kosiak, J. J. (Presenter Only), Hasenbank, J. F. (Co-Presenter), "Standards-based instruction for special needs and gifted students", Onalaska High School, Onalaska School District. (August 13, 2007).

Hasenbank, J. F. (Presenter Only), "Candy Meteors and Other Sweet Math", UW-La Crosse, Girls in Science - UWL Continuing Education and Extension. (June 24, 2007).

Professional Development Activities Attended

Attended Workshop, "Reducing Students' Test Anxiety", Center for Advancing Teaching and Learning, La Crosse, WI, United States. (November 4, 2011).

Attended Conference, "13th Annual Conference on Teaching and Learning", UW-L's Center for Advancing Teaching & Learning, United States. (September 2, 2011).

Attended Conference, "12th Annual Conference on Teaching and Learning", UW-L's Center for Advancing Teaching & Learning, United States. (August 31, 2010).

Attended Workshop, "Differentiating Curriculum Workshops with Roger Taylor", UW-L Continuing Education and Extension, La Crosse, WI, United States, No. (November 19, 2008).

Technology Training, "Creating Websites using UW-L Web Templates", UW-La Crosse, La Crosse, WI, United States, No. (November 20, 2007).

Attended Conference, "Annual Green Lake Conference", Wisconsin Mathematics Council, Green Lake, WI, United States, No. (May 3, 2007 - May 4, 2007).

Attended Conference, "Spring Meeting", Wisconsin Section of the Mathematical Association of America, Eau Claire, WI, United States, No. (April 20, 2007 - April 21, 2007).

Attended Conference, "Tenth Annual Conference on Research in Undergraduate Mathematics Education", Special Interest Group of the Mathematical Association of America on Research in Undergraduate Mathematics Education, San Diego, CA, United States, No. (February 22, 2007 - February 25, 2007).

Teaching, Seminar, "Managing Your Teaching Load", UW-La Crosse, La Crosse, WI, United States, No. (January 16, 2007).

Professional, Workshop, "Project NExT-Wisconsin Fall Meeting", Wisconsin Section of the Mathematical Association of America, Menomonie, WI, United States, No. (October 5, 2006 - October 7, 2006).

Teaching, Seminar, "Documenting Student Learning", UW-La Crosse, La Crosse, WI, United States, No. (August 29, 2006).

Teaching, Technology Training, "Desire to Learn", UW-La Crosse, La Crosse, WI, United States. (August 2, 2006 - August 7, 2006).

Professional Memberships and Affiliations

National Council of Teachers of Mathematics (NCTM) (2002 – Present).

Wisconsin Mathematics Council (2006 – Present)

Association of Mathematics Teacher Educators (AMTE). (2010 – Present).

Mathematical Association of America (MAA). (2006 – 2009).

Project NExT - Wisconsin. (2006 – 2007).