

Kristen N. Bieda

Associate Professor - Teacher Education
Michigan State University
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EDUCATION

- 2008 **Ph.D., Curriculum and Instruction (Mathematics Education)**
Minor: Educational Psychology
University of Wisconsin - Madison
Dissertation: *The Pedagogy of Proving in Middle School Mathematics*
- 2004 **M.S., Mathematics**
Missouri State University
Thesis: *Integral Bases of Pure Cubic Number Fields*
- 2001 **Teacher Certification, Secondary Mathematics (9 – 12)**
Missouri State University
- 1998 **B.S., Administrative Management**
Missouri State University
Graduated magna cum laude from the Honors College

PROFESSIONAL EXPERIENCE

- 2014 – present **Associate Professor**, Michigan State University
Department of Teacher Education
- 2014 – present **Associate Director of Mathematics**, CREATE for STEM Institute
Michigan State University College of Education
- 2008 – present **Assistant Professor**, Michigan State University
Department of Teacher Education
- 2007 – present **Research Affiliate**, *Thought Experiments in Mathematics Teaching (ThEMaT)*
PIs : Dr. Daniel Chazan, University of Maryland – College Park, and
Dr. Patricio Herbst, University of Michigan
- 2007 – 2008 **Research Assistant**, *Does Visual Scaffolding Facilitate Students' Mathematics Learning? Evidence From Early Algebra (funded by IES)*
PIs: Dr. Martha Alibali, Dr. Mitchell Nathan, and Dr. Eric Knuth
University of Wisconsin - Madison
- 2005 – 2007 **Research Assistant**, *Understanding the Transition from Arithmetic to Algebraic Reasoning (funded by IERI)*
Principal Investigators: Dr. Mitchell Nathan, Dr. Martha Alibali, and

Dr. Eric Knuth
University of Wisconsin – Madison

- 2004 – 2007 **Research Assistant**, *Understanding and Cultivating the Development of Students' Competencies in Justifying and Proving* (funded by NSF)
PI: Dr. Eric Knuth, University of Wisconsin - Madison
- 2006 – 2008 **Teaching Assistant**, Secondary Mathematics Teaching Methods
University of Wisconsin – Madison
- 2007 **Instructor**, Secondary Mathematics Teaching Methods Courses
Concordia University – Wisconsin, Madison, WI
- 2005 – 2006 **Adjunct Instructor**, Intermediate and College Algebra
Madison Area Technical College, Madison, WI
- 2003 – 2004 **Adjunct Instructor**, Business Math/Intermediate Algebra/College Algebra
Ozarks Technical Community College, Springfield, MO
- 2002 - 2003 **Summer School Teacher**, Pre-College Program
Drury University, Springfield, MO
- 2002 – 2003 **Teaching Assistant**, Intermediate Algebra
Missouri State University, Springfield, MO
- 2002 **Summer School Teacher**, Pre-Algebra Prep
Springfield Public Schools, Springfield, MO

FUNDED RESEARCH

- 2014 – 2017 **How novice elementary teachers' social networks affect ambitious math instruction in the current evaluation climate (co-PI, with Drs. Kenneth Frank and Peter Youngs)**
Funded by NSF REAL program (\$1,499,472)
- 2014 – 2017 **How beginning elementary teachers' social networks affect ambitious math instruction in the current evaluation climate (co-PI, with Drs. Kenneth Frank and Peter Youngs).**
Funded by the WT Grant Foundation (\$599,604)
- 2014-2017 **LessonSketch Research and Development Fellow.** One of ten fellows in the U.S. selected by the ThEMaT 3 project (PI Daniel Chazan) to create and disseminate rich media modules for mathematics teacher preparation courses.
- 2013 - 2015 **Transforming developmental mathematics education in partnership with teacher preparation (PI).**

Funded by the NSF TUES program (\$194,717)

- 2012 – 2014 **Strengthening developmental mathematics education at MSU through strategic partnership with teacher education (PI).** Lappan-Phillips-Fitzgerald Endowment Grant (\$207,324)
- 2011 – 2012 **Impact of mentor-guided lesson study on development of prospective teachers' mathematical knowledge for teaching. (PI)**
MSU Lilly Teaching Fellowship (\$14,000)
- 2010 – 2011 **Mentors and interns engaged in lesson study (PI)**
Michigan State University College of Education In-House Grant (\$4,534)
- 2008 – 2009 **Understanding the role of context in students' proving practices (PI)**
Michigan State University College of Education In-House Grant (\$2,625)

PUBLICATIONS

Peer-Reviewed Journals:

- Bieda, K., Sela, H., & Chazan, D.** (In press). "You are learning very well my dear": How student teaching influences intern teachers' talk about teaching. To be published in *Journal of Teacher Education*.
- Bieda, K., Cavanna, J., & Ji, X.** (Accepted). Enhancing learning in field experiences through mentor-guided lesson study. *Mathematics Teacher Educator*
- Bieda, K., & Lepak, J.** (2014). Show and tell: Middle school students' evaluations of mathematical arguments. *School Science and Mathematics, 114*, 166-177.
- Bieda, K., Ji, X., Drwencke, J., & Picard, A.** (2014). Reasoning-and-proving opportunities in elementary mathematics textbooks. *International Journal for Education Research, 64*, 71-80.
- Herbel-Eisenmann, B., Bartell, T., **Bieda, K.,** Crespo, S., Dominguez, H., Drake, C., & Breyfogle, M.L. (2013). Strong is the silence: Challenging systems of privilege and oppression in mathematics teacher education. *Journal for Urban Mathematics Education, 6*(1), 6-18.
- Bieda, K., & Lepak, J.** (2012). Examples as tools for constructing justifications. *Mathematics Teaching in the Middle School, 17*, 520-523.
- Bieda, K.** (2010). Enacting proof in middle school mathematics: Challenges and opportunities. *Journal for Research in Mathematics Education, 41*, 351-382.
- Bieda, K.** (2010). The whole is the sum of its parts. *Mathematics Teaching in the Middle School, 15*, 540-546.

Knuth, E., Choppin, J., & Bieda, K. (2009). Proof: Examples and beyond. *Mathematics Teaching in the Middle School*, 15, 206-211.

Bieda, K., & Nathan, M. (2009). Representational disfluency in algebra: Evidence from student gestures and speech. *ZDM – An international journal of mathematics education*, 41, 637-650.

Books:

Koestler, C., Felton, M., Bieda, K., & Otten, S. (2013). *Connecting the NCTM process standards with the Common Core State Standards for mathematical practice*. Reston, VA: NCTM. Note: All authors contributed equally

Ellis, A., Bieda, K., & Knuth, E. (2012). *Essential understandings for proof and proving in 9-12 mathematics*. Reston, VA: NCTM.

Book Chapters:

Knuth, E., Choppin, J., & Bieda, K. (2009). Middle school students' production of mathematical justifications. In D. Stylianou, E. Knuth, & M. Blanton (Eds.), *Teaching and learning proof across the grades* (pp.153-170). Mahwah, NJ: Erlbaum.

Conference Proceedings:

Bieda, K., McCrory, R. & Wolf, S. (2014). Transforming remedial mathematics instruction with high-quality peer teaching. Paper to be presented at the annual meeting of the Special Interest Group of the Mathematical Association of America – Research on Undergraduate Mathematics Education (RUME), Denver, CO.

Bieda, K., Wolf, S., & McCrory, R. (2013). One solution to two problems: Teacher education students as teachers of undergraduate developmental mathematics. In A. Castro Superfine & M. Martinez (Eds.), *Proceedings of the 25th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 737-740). Chicago, IL: University of Illinois at Chicago.

Bieda, K., Cavanna, J., & Ji, X. (2013). Developing mathematical knowledge for teaching through mentor-guided lesson study. In A. Castro Superfine & M. Martinez (Eds.), *Proceedings of the 25th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 589-596). Chicago, IL: University of Illinois at Chicago.

Bieda, K., & Ji, X. (2012). Prospective teachers' mathematical knowledge for teaching algebra and geometry. In L. Van Zoest, J.J. Lo, & J. Kratky (Eds.), *Proceedings of the 34th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp 781-782). Kalamazoo, MI: Western Michigan University.

Bieda, K., Drwencke, J., & Picard, A. (2010). Proof is in the eye of the beholder: Middle school students' conceptions of convincing arguments. In P. Brosnan, D. Erchick, & L. Flevares (Eds.), *Proceedings of the 32nd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (Vol. VI,

pp. 880-881). Columbus, Ohio: The Ohio State University.

Bieda, K. (2009). Enacting proof in middle school mathematics. In F.L. Lin, F.J. Hsieh, G. Hanna, & M. deVilliers (Eds.), *Proceedings of the ICMI Study 19 conference: Proof and proving in mathematics education* (Vol. 1, pp. 65-70). Taipei, Taiwan: National Taiwan Normal University.

Bieda, K., Holden, C., & Knuth, E. (2006). Does proof prove?: Students' emerging beliefs about generality and proof in middle school. In S. Alatorre, J.L. Cortina, M. Sáiz, & A. Méndez (Eds.), *Proceedings of the 28th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (Vol. 2, pp. 395-402). Mérida, México: Universidad Pedagógica Nacional.

Bieda, K., & Nathan, M. (2006). Speech and gesture in pattern generalization tasks involving graphs: Evidence that perceptions influence conceptions. In S. Alatorre, J.L. Cortina, M. Sáiz, & A. Méndez (Eds.), *Proceedings of the 28th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (Vol. 1, pp. 139-142). Mérida, México: Universidad Pedagógica Nacional.

Hostetter, A., **Bieda, K.**, Alibali, M., Nathan, M., & Knuth, E. (2006). Don't just tell them, show them! Teachers can intentionally alter their instructional gestures. In R. Sun & N. Miyake (Eds.), *Proceedings of the 28th Annual Conference of the Cognitive Science Society* (pp. 1523-1528). Vancouver, British Columbia: Cognitive Science Society.

Outreach, Non-refereed Publications:

Rubenstein, Rheta N., & **Bieda, K.** (2014). Lesson study: A format for on-going professional development. *Newsletter of the Michigan Mathematical Association of Two-Year Colleges*.

Reports:

Nathan, M., & **Bieda, K.** (2006). *What gesture and speech reveal about students' interpretations of Cartesian graphs: Perceptions can bound thinking*. WCER Working Paper No. 2006 – 2. Madison, WI: Wisconsin Center for Education Research.

In Revision:

Bieda, K., & Felton, M. (Revise and resubmit). Seeing the trees for the forest: Proof-related practices in school mathematics. *Educational Studies in Mathematics*.

In Preparation:

Bieda, K., Carmody, S., Schnepf, M., Huhn, C., Hildebrandt, D., deFord, B., Heck, C., & Vessell, B. (In preparation). Developing perseverance when problem solving: Lessons learned from cross-grade lesson studies.

Bieda, K., McCrory, R., Wolf, S., Bradfield, K. & Visnathwan, A. (In preparation). Curriculum, community and collaboration: Transforming developmental mathematics education.

SCHOLARLY PRESENTATIONS

- 2014 *An overview of lesson study: Ongoing work on instruction.* Workshop presented at the 2014 Michigan Council for Teachers of Mathematics, Holland, MI.
- 2014 *Transforming remedial mathematics instruction with high-quality peer teaching.* Paper presented at the 2014 Research on Undergraduate Mathematics Education conference, Denver, CO.
- 2014 *Using rich media to infuse a practice-based orientation throughout our university-based teacher education programs.* Presented in a discussion session at the Association of Mathematics Teacher Educators conference, Irvine, CA.
- 2014 *Cases for teacher educators: Facilitating conversations with prospective teachers about inequities in mathematics classrooms.* Presenter in an extended session at the Association of Mathematics Teacher Educators conference, Irvine, CA.
- 2013 *One solution to two problems: Teacher education students as teachers of undergraduate developmental mathematics.* Paper presented at the annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Chicago, IL.
- 2013 *Developing mathematical knowledge for teaching through mentor-guided lesson study.* Paper presented at the annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, Chicago, IL.
- 2013 *Lesson study as a means of building capacity for implementing the Common Core State Standards for mathematical practice.* Paper presented at the annual meeting of the World Association for Lesson Studies conference, Gothenburg, Sweden.
- 2013 *Mentor-guided lesson study: Voices from the field.* Paper presented at the annual meeting of the National Council for Teachers of Mathematics, Denver, CO.
- 2013 *Exploring the Common Core practices in secondary classrooms.* Paper presented at the annual meeting of the National Council for Teachers of Mathematics, Denver, CO.
- 2013 *Innovations in MTH 100E.* Presentation for CREATE for STEM at Michigan State University, East Lansing, MI.
- 2012 *Prospective teachers' mathematical knowledge for teaching algebra and geometry.* Poster presented at the annual meeting of the North American

Chapter of the International Group for the Psychology of Mathematics Education, Kalamazoo, MI.

- 2012 *Mentor-guided lesson study in secondary mathematics teacher preparation.* Symposium chair and presenter at the World Association of Lesson Studies conference, Singapore.
- 2012 *Investigations into Common Core State Standards for Mathematics (CCSSM).* Interactive paper session presentation at the National Council of Teachers of Mathematics Research Pre-session, Philadelphia, PA.
- 2012 *Reasoning and proving in mathematics textbooks across the grades.* Symposium organizer and presenter at the annual meeting of the American Educational Research Association, Vancouver, British Columbia.
- 2012 *Collaboration during mentor-guided lesson study: Mentors and interns sharing mathematical knowledge for teaching.* Paper presentation at the annual meeting of the American Educational Research Association, Vancouver, British Columbia.
- 2011 *Comparing intern and mentor teachers' arguments about teaching algebra.* Poster presented at the 2011 Representations of Mathematics Teaching conference, Ann Arbor, MI.
- 2011 *Toward a practice-based focus on the teaching of reasoning and proof.* Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- 2011 *Analyzing teacher discussions about representations of teaching.* Symposium participant at the National Council for Teachers of Mathematics Research Pre-session, Indianapolis, IN.
- 2011 *Collaborative lesson study in early field experiences.* Paper presentation at the annual meeting of the Association for Mathematics Teacher Educators, Irvine, CA.
- 2010 *Proof is in the eye of the beholder: Students' use of examples when producing mathematical justifications.* Presented at the 32nd annual conference for the North American Chapter of the International Group for the Psychology of Mathematics Education, Columbus, OH.
- 2010 *Students' use of givens when proving: Context matters.* Roundtable presentation at the NCTM Research Pre-session, San Diego, CA.
- 2009 *Enacting proof in middle school mathematics.* Paper presentation at ICMI Study 19: Proving and Proving in Mathematics Education, Taipei, Taiwan.

- 2009 *Proof in secondary mathematics classrooms.* Presenter in symposium as at the National Council of Teachers of Mathematics Research Pre-session, Washington, D.C.
- 2009 *Understanding norms of teaching solving equation through comparisons of interns' and mentors' talk about practice*
Paper presentation at the annual meeting of the American Educational Research Association conference, San Diego, CA.
- 2008 *Justifying and proving in the middle school mathematics classroom: A study of the intended and enacted curriculum.* Paper discussion at the annual meeting of the American Educational Research Association conference, New York City, NY.
- 2007 *Going beyond: What gesture shows us about students' notions of graphs.* Poster presentation at the International Society for Gesture Studies conference, Northwestern University, Evanston, IL.
- 2007 *Using Transana in gesture studies.* Data Session co-presentation for the International Society for Gesture Studies conference, Northwestern University, Evanston, IL.
- 2006 *Does proof prove?: Students' emerging beliefs about generality and proof in middle school.* Paper co-presentation for the North American Chapter of the International Group for the Psychology of Mathematics Education conference, Mérida, Yucatan, Mexico.
- 2006 *Speech and gesture in pattern generalization tasks involving graphs: Evidence that perceptions influence conceptions.* Paper presentation for the North American Chapter of the International Group for the Psychology of Mathematics Education conference, Mérida, Yucatan, Mexico.

INVITED PRESENTATIONS

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- 2013 *Bringing the standards for mathematical practice to life: Strategies for the mathematics classroom.* Invited speaker for pre-conference institute at the annual conference for the Michigan Council of Teachers of Mathematics, Traverse City, MI.
- 2013 *Transforming teaching and learning through lesson study: Innovation through collaboration.* Invited speaker for the MSU Lilly Teaching Seminar Series, Michigan State University, East Lansing, MI.
- 2011 *Enacting the standards for mathematical practice from the Common Core State Standards: Challenges and opportunities.* Invited speaker for the Maseeh Colloquium Series, Portland State University, Portland, OR.
- 2010 *The power of proof.* Detroit Area Council of Teachers of Mathematics Fall

Conference, Detroit, MI.

2009 *Developing student reasoning using CMP*. CMP Users' Conference.
Michigan State University, East Lansing, MI.

HONORS AND AWARDS

2014 **Michigan State University Teacher-Scholar Award**

2013 **AERA Special Interest Group for Research in Mathematics Education
Early Career Publication Award**

2012 **Michigan State University International Travel Award (\$800)**

2011-2012 **Michigan State University Lilly Teaching Fellow**

2009 **Michigan State University International Travel Award (\$800)**

2005-2008 **Wisconsin Doctoral Research Program Fellow**

OTHER PROFESSIONAL EXPERIENCE

2012 **Privilege and Oppression in the Mathematical Preparation of Teacher
Educators (PrOMPTE) conference organizing committee member.**
Co-organizer with Drs. Herbel-Eisenmann, Bartell, Breyfogle, Crespo,
Dominguez, Drake. Kellogg Biological Station, Gull Lake, MI.

2012 **Facilitating Representations of Mathematics Teaching in Teacher
Education Working Group member.** Co-organizer with Dr. Patricio
Herbst. Annual meetings of the North American Chapter of the
Psychology of Mathematics Education conference, Kalamazoo, MI.

2011 **Facilitating Representations of Mathematics Teaching in Teacher
Education Working Group member.** Co-organizer with Dr. Patricio
Herbst. Annual meetings of the North American Chapter of the
Psychology of Mathematics Education conference, Reno, NV.

2010 **Facilitating Representations of Mathematics Teaching in Teacher
Education Working Group member.** Co-organizer with Dr. Patricio
Herbst. Annual meetings of the North American Chapter of the
Psychology of Mathematics Education conference, Columbus, OH.
Kalamazoo, MI, and Reno, NV.

2010 **Project STaR Early Career Mentoring participant (PIs: Drs. Robert and
Barbara Reys).** Park City Mathematics Institute, Park City, UT.

2007 **ThEMaT Summer Academy for Researchers fellow (PIs: Dr. Patricio
Herbst and Dr. Daniel Chazan).** University of Michigan, Ann Arbor,

MI.

2006 - present **External alignment reviewer** (PI: Dr. Norman Webb). Wisconsin Center for Education Products and Services.

2005 – 2006 **Survey administrator**. *Thinking about Mathematics Instruction* (PI: Dr. Barbara Scott Nelson). Education Development Center.

TEACHING

Courses

TE 407	Teaching Mathematics to Diverse Learners
TE 408	Crafting Teaching Practice
TE 501	Internship in Teaching Diverse Learners I
TE 502	Internship in Teaching Diverse Learners II
TE 802	Reflection and Inquiry in Teaching Practice I
TE 804	Reflection and Inquiry in Teaching Practice II
TE 855	Teaching School Mathematics
MTHE 840	Critical Content of School Mathematics: Number and Operations
MTHE 841	Critical Content of School Mathematics: Algebra
SME 997	Topics in Mathematics Education: Teaching and Learning Reasoning and Proof
TE 990	Independent Study
TE 994	Laboratory and Field Experience in Curriculum, Instruction and Teacher Education

Advisees

Teacher Education
Kenneth Bradfield

Graduate Program in Mathematics Education

Amanda Opperman

Nicholas Gilbertson

Jamie Wernet

Jerilynn Lepak (PhD, 2013), *Supporting low-tracked algebra students' written arguments*.

- Currently assistant professor at University of Central Arkansas.

Dissertation Committees

Graduate Program in Mathematics Education

Lorraine Males (PhD, 2012).

Amanda Milewski (PhD, 2012)

Samuel Otten (PhD, 2012)

Kimberly Rogers (PhD, 2012)

Practicum Committees

Graduate Program in Mathematics Education

Nicholas Gilbertson

Kimberly Rogers (PhD, 2012)

Educational Psychology and Educational Technology

Julie Nurnberger-Haag

Tamika McLean

Guidance Committees

Graduate Program in Mathematics Education

Heather Bosman

Jillian Cavanna

Nicholas Gilbertson

Funda Gonulates

Adrienne Hu

Joanne Philhower

Department of Teacher Education

Rachel Ayieko

Xueying Ji

Educational Psychology and Educational Technology

Charles Belenky

Julie Nurnberger-Haag

Undergraduate Research Assistants

2013-2014

Alexandra Sanchez

- awarded first prize for her research poster at the 2014 University Undergraduate Research and Arts Forum

2009-2012

Andrew Picard (B.S., 2013), Justin Drwencke (B.S., 2012)

SERVICE ACTIVITIES

Elected Office

2013 – 2015

Electronics Board member. AERA Special Interest Group for Research in Mathematics Education

2012 - 2015

Steering Committee at-large member. North American Chapter of the Psychology of Mathematics Education Group

Consultant

2012

NEA grant: Building Capacity through Lesson Study to Support Students in Persevering during Problem Solving

Wrote the grant proposal and served as a consultant for lesson studies during the project's duration

2010 *EMATHS Lesson Study project*
Served as a knowledgeable other on a lesson study team with algebra teachers from Holt High School

Discussant

2013 Symposium entitled: *What do elementary preservice teachers notice and discuss in one-cycle lesson study?*
AMTE Conference, Orlando, FL

2012 Symposium entitled: *The notion of proof in mathematics teaching: Is it changing?*
NCTM Research Pre-session, Philadelphia, PA

2011 Paper session entitled: *Sequences and transitions in grades K–12 geometry textbooks*
NCTM Research Pre-session, Indianapolis, IN

2009 Paper session entitled: *Mathematical cognition and the curriculum*
AERA Annual Meeting, San Diego, CA

Invited Panelist

2014 MSU Office of Sponsored Research Research “Coffee Break” panelist:
Going to Washington to Meet with Federal Funding Agencies

2014 Panel session entitled: *Graduate student and junior faculty mentoring*
NCTM Research Conference, New Orleans, LA

2013 Discussion table entitled: *Professional development addressing the mathematical practices of the common core: Focus on the middle-school grade bands*
AMTE conference, Orlando, FL

2012 Panel session entitled: *Graduate student and junior faculty mentoring*
NCTM Research Pre-session, Philadelphia, PA

2011 Journal for Research in Mathematics Education session entitled: *From dissertation to JRME publication*
NCTM Research Pre-session, Indianapolis, IN

2009 Panel session entitled: *Graduate student and junior faculty mentoring*
NCTM Research Pre-session, Washington, DC

Reviewer

Cognition and Instruction

Instructional Science

Journal for Research in Mathematics Education

Journal for Mathematics Teacher Education

Journal of Mathematical Behavior

Mathematical Thinking and Learning

Mathematics Teacher
Mathematics Teacher Educator
School Science and Mathematics
Science

Israel National Science Foundation
U.S. National Science Foundation CAREER program
NCTM Research Pre-Session
AERA Division C and SIG-RME
PME-NA

University Service - Committees

- 2014-2015 Secondary Mathematics Subject Area Leader (on leave October –
December 2014)
Program in Mathematics Education Comprehensive Exams Committee
(spring only)
- 2013-2014 Secondary Mathematics Subject Area Leader
Program in Mathematics Education Admissions Committee
Department of Teacher Education Mathematics Education Search
Committee
College of Education Undergraduate Scholarships Award Committee
- 2012-2013 Secondary Mathematics Subject Area Leader
College of Education Curriculum Committee
College of Education Faculty Advisory Committee
Program in Mathematics Education Admissions Committee
Department of Teacher Education Chinese/Second Language Education
Search Committee
- 2011-2012 Secondary Mathematics Subject Area Co-leader
Department of Teacher Education Faculty Advisory Committee
College of Education Curriculum Committee
Program in Mathematics Education Colloquium Committee
- 2010-2011 Secondary Mathematics Subject Area Co-leader
Department of Teacher Education Mathematics Education Search
Committee
Division of Science and Mathematics Education Colloquium Committee
Woodrow Wilson/Kellogg Teaching Fellows Planning Committee
College of Education Undergraduate Scholarships Committee
- 2009-2010 Co-chair, Teacher Preparation Task Force
Induction and Continuing Education (Master's Programs) Committee
Division of Science and Mathematics Education Colloquium Committee
- 2008 – 2009 Department of Teacher Education Master's Programs Committee
Division of Science and Mathematics Education Mathematics Education
Graduate Admissions Committee
Division of Science and Mathematics Education Comprehensive Exams

Committee
College of Education Graduate Scholarships Committee

PROFESSIONAL AFFILIATIONS

American Educational Research Association (AERA), Divisions C and K
AERA Special Interest Group for Research in Mathematics Education
Association of Mathematics Teacher Educators
North American Chapter for the International Group for the Psychology of
Mathematics Education
National Council for Teachers of Mathematics
World Association of Lesson Studies