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Kevin O. Mason, Ph.D.
Professor of Education
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415 10th Avenue East
Menomonie, WI 54751
(715) 232-1663

PROFESSIONAL PROFILE

Dr. Kevin Mason is a Professor of Education and Department Chair in the Teaching, Learning, and Leadership Department at the University of Wisconsin-Stout. Dr. Mason has served in numerous leadership positions at the University of Wisconsin-Stout, including the B.S. in Science Education Program Director, School of Education edTPA Coordinator, School of Education Assessment Coordinator, B.S. in Special Education Program Director, and Teaching, Learning, and Leadership Department Chair. Prior to teaching at the University of Wisconsin-Stout, Dr. Mason taught chemistry and physics at Chippewa Falls High School, Middleton High School, and Wisconsin Indianhead Technical College.

EDUCATION

Doctor of Philosophy

University of Wisconsin, Madison, WI
Major: Curriculum and Instruction
Minor: Chemistry
September 2001-May 2009

Master of Education

University of Minnesota, Minneapolis, MN
Major: Education
June 1996-May 2001

Bachelor of Science

University of Minnesota, Minneapolis, MN
Major: Chemistry
June 1994-May 1996

EXPERIENCE

University of Wisconsin-Stout, Menomonie, WI

Professor of Education (2018-present)
Associate Professor of Education (2013-2018)
Assistant Professor of Education (2009-2013)
Associate Lecturer of Education (2006-2009)
August 2006-present

Wisconsin Indianhead Technical College, Rice Lake, WI

Chemistry Instructor
June 2006-May 2011

University of Wisconsin-Madison, Madison, WI

Student Teacher Supervisor

August 2003-May 2004

Middleton High School, Middleton, WI

Chemistry and Physics Teacher (2001-2003)

High School Boys Track and Field Head Coach (2001-2004)

Middle School Boys and Girls Cross-Country Head Coach (2001-2004)

August 2001-June 2004

Chippewa Falls High School, Chippewa Falls, WI

Chemistry and Physics Teacher (1997-2001)

High School Boys and Girls Cross-Country Head Coach (1998-2001)

High School Boys and Girls Cross-Country Assistant Coach (1997-1998)

High School Boys and Girls Track and Field Assistant Coach (1997-2001)

High School Cross-Country Ski Club Head Coach (1997-2001)

August 1997-June 2001

LEADERSHIP EXPERIENCE

University of Wisconsin-Stout, Menomonie, WI

Teaching, Learning, and Leadership Department Chair (2022-present)

B.S. in Special Education Program Director (2022-2024)

School of Education Assessment Coordinator (2018-2021)

School of Education edTPA Coordinator (2015-2018)

B.S. in Science Education Program Director (2006-2021)

TEACHING EXPERIENCE

Wisconsin Teaching Licenses

Chemistry (610)

Physics (625)

Physical Science (637)

Courses Taught

Introduction to Science, Technology, and Math Education, UW-Stout (2006-2024)

Laboratory and Classroom Management, UW-Stout (2009-2024)

Foundations of Education, UW-Stout (2009-2024)

Pre-Student Teaching II, UW-Stout (2014-2024)

Student Teaching, UW-Stout (2009-2023)

Curriculum, Methods, & Assessment, UW-Stout (2016-2023)

Classroom Management, UW-Stout (2020-2023)

Educational Psychology, UW-Stout (2023)

Pre-Student Teaching I, UW-Stout (2011-2022)

Capstone: Mathematics and Science Education, UW-Stout (2008-2021)

Assessment for Learning, UW-Stout (2014-2015)

Chemistry, Wisconsin Indianhead Technical College (2006-2011)

Science Education Curriculum and Assessment, UW-Stout (2008)

Science Education Methods, UW-Stout (2007)

Student Teaching, UW-Madison (2003-2004)
Chemistry, Middleton High School (2001-2003)
General Physics, Middleton High School (2002-2003)
Chemistry in the Community, Middleton High School (2001-2002)
Chemistry, Chippewa Falls High School (1997-2001)
General Physics, Chippewa Falls High School (1998-2001)
Principles of Technology, Chippewa Falls High School (1997-1998)

Courses Developed or Revised

Introduction to Secondary Education (2024)
Pre-Student Teaching I (2024)
Pre-Student Teaching II (2024)
Curriculum and Assessment (2024)
Laboratory and Classroom Management (2024)
Teaching Methods (2024)
Secondary Student Teaching (2024)
Secondary Teaching Internship (2024)
Classroom Management (2021)
Curriculum, Methods, & Assessment (2019)
Introduction to Science, Technology, and Math Education (2019)
Pre-Student Teaching I (2019)
Pre-Student Teaching II (2019)
Student Teaching (2019)
Student Teaching (2012)
Introduction to Mathematics and Science Education (2010)
Capstone: Mathematics and Science Education (2010)
Laboratory and Classroom Management (2010)
Pre-Student Teaching (2010)
Student Teaching Revision (2010)
Introduction to Science and Technology Education (2009)
Curriculum, Methods, and Assessment (2009)
Pre-Student Teaching (2009)
Science Education Curriculum and Assessment (2007)
Science Education Methods (2007)

Program Developed or Revised

Bachelor of Science in Science Education Program Revision (2020)
Bachelor of Science in Science Education Program Revision (2013)
Bachelor of Science in Science Education Program Revision (2012)
Bachelor of Science in Science Education Program Revision (2010)
Bachelor of Science in Science Education Program Approval (2009)

Department of Public Instruction Licensure Approval

Special Education (2022)
Science (2019)
Environmental Science (2011)
Earth and Space Science (2011)
Biology (2009)
Chemistry (2009)

Physics (2009)
Broadfield Science (2009)

Instructional Technology

Canvas, Desire 2 Learn (D2L), Blackboard, Microsoft Teams, Zoom, Outlook, Peoplesoft, Image Now, Inspiration, Chalk and Wire, Anthology, Google Docs, Smart Board, PowerPoint, Publisher, Adobe, Excel, and Word

SCHOLARLY ACTIVITY

Peer-Reviewed Publications

- Brandner, H., Mason, K., and Matthias, G. (submitted). The flipped chemistry classroom: Engaging students in learning. *Chemistry Education Research and Practice*.
- Brennan, M., Mason, K., Martinez, K., & Hines, E. (in progress). *The wonders of motion: A mission from agent squiggle e. line*.
- Hines, E., Mason, K., Martinez, K., & Brennan, M. (in progress). *The wonders of weather: Discovering weather and climate*.
- Martinez, K., Mason, K., Hines, E., & Brennan, M. (in progress). *The wonders of living things: Exploring the outdoors*.
- Mason, K., Martinez, K., Hines, E., & Brennan, M. (in progress). *The wonders of the sun: How to stay cool*.
- Waalén, N., Matthias, G., and Mason, K. (in progress). Polar or nonpolar: What solution is best to combat hot sauce?
- Mason, K., Schieffer, S., Rose, T., & Matthias, G. (2022). A problem-solving experiment: Using Beer's Law to find the concentration of tartrazine. *The Science Teacher*.
- Mason, K., Peterson, C., Stanislawski, D., Klemme, D., Oberding, A., & Feller, A. (2021). The development, validation, and implementation of a professional disposition instrument for educator preparation programs. *Education Journal*.
- Olson, H., Matthias, G., & Mason, K. (2021). The biology of evaluating skin care Products: Inquiry-based learning in anatomy and physiology. *American Biology Teacher*.
- Mason, K., Stanislawski, D., & Whitaker, D. (2019). Developing embedded signature assessments for continuous improvement in teacher education. *The Teacher Educator*, 54(2), 171-192.
- Mason, K. & Bohl, H. (2017). More than data: Using interactive science notebooks to engage students in science and engineering. *Science and Children*.
- Mason, K. & Evans, B. (2017). Designing a model for cell transport. *The Science Teacher*.
- Mason, K. & McAlister, B. (2017). Advancing science learning: Teaching life science through engineering. *Children's Technology and Engineering*.
- Mason, K. (2014). *Preparing for the classroom: What teachers really think about teacher education*. Lanham, MD: Rowman and Littlefield Publishers.
- Rodenberg, S., Kravik, R., Polk, J., Freit, B., Schauf, S., Brewer, B., & Mason, K. (2014). If you build it, will it fly? *Science Scope*.
- Mason, K. (2013). Teacher involvement in pre-service teacher education. *Teachers and Teaching: Theory and Practice*, 19(5).
- Mason, K. & Klein, S. (2013). Land, sea, and sky: Mapmaking as reflection in pre-service teacher education, *Reflective Practice: International and*

Multidisciplinary Perspectives, 14(2).

- Brewer J., Mason, K., Bomar, C., Ghenciu P., & Redman J. (2012). Western Wisconsin STEM consortia: SySTEMically improving student academic achievement in mathematics and science. *National Career Pathways Network Connections*, 22(3).
- Mason, K., Brewer, J., Redman J., Bomar, C., Ghenciu P., LeDocq, M., & Chapel, C. (2012). SySTEMically improving student academic achievement in mathematics and science. In J. Furst-Bowe, F. Padro, & C. Veenstra (Eds.), *Advancing the STEM agenda: Quality improvement supports STEM* (pp. 155-175). Milwaukee, WI: ASQ Quality Press.
- Mason, K., Brewer, J., Redman J., Bomar, C., Ghenciu P., LeDocq, M., & Chapel, C. (2012). SySTEMically improving student academic achievement in mathematics and science. *Journal for Quality and Participation*, 35(2).
- Mason, K., Brewer, J., Redman J., Bomar, C., Ghenciu P., LeDocq, M., & Chapel, C. (2012). SySTEMically improving student academic achievement in mathematics and science. *Primary and Secondary Education Brief*, 5(2).
- Mason, K., & Dusek, W. (2012). *Chemistry for career and technical education*. Dubuque, IA: Kendall Hunt Publishing Company.
- Mason, K., Bomar, C., Ghenciu, P., Brewer, J., Redman, J., LeDocq, M., & Chapel, C. (2011). *SySTEMically improving student academic achievement in mathematics and science*. Paper presented at the American Society for Quality STEM Agenda Conference, Menomonie, WI.
- Mason, K., James, K., D'Angelo, J., & Carlson, K. (2010). The invasive plant species (IPS) education guide: Lessons to engage students in local citizen science projects. *The Science Teacher*.
- Mason, K. (2009). *Teacher involvement in teacher education*. (Doctoral dissertation, University of Wisconsin-Madison, 2009). Ann Arbor, MI: ProQuest LLC.

Professional Conference Presentations

- Waalén, N., Matthias, G., and Mason, K. (2024, November). Mild, hot, or spicy: What solution is best to combat hot sauce? *National Science Teachers Association (NSTA) Conference*, New Orleans, LA.
- Mason, K., Barnhart, L., Bauer, B., & Kramchuster, A. (2024, April). Integrating Engineering Design Activities into the Elementary Science Curriculum. *Wisconsin Society of Science Teachers (WSST) Conference*, LaCrosse, WI.
- Mason, K. & Matthias, G. (2024, March). A problem-solving experiment: Using Beer's Law to Find the Concentration of Tartrazine. *National Science Teachers Association (NSTA) Conference*, Denver, CO.
- Allen, G., Becker S., Giedd, J., & Mason, K. (2023, November). Addressing the teacher shortage through distance learning. *Wisconsin Special Education Conference*, Wisconsin Dells, Wisconsin.
- Slichko, J. & Mason, K. (2023, November). Navigating rough seas: A redesign of professional teaching dispositions and assessments. *Council for Exceptional Children Teacher Education Division Conference*, Long Beach, CA.
- Matthias, G. & Mason, K. (2023, March). The biology of evaluating skin care products: Inquiry-based learning in anatomy and physiology. *National Science Teachers Association (NSTA) Conference*, Atlanta, GA.
- Mason, K., Rose, T., & Matthias, G. (2023, March). A problem-solving experiment: Using Beer's Law to Find the Concentration of Tartrazine. *Wisconsin Society of Science Teachers (WSST) Conference*, Madison, WI.

- Matthias, G. & Mason, K. (2022, April). The biology of evaluating skin care products: Inquiry-based learning in anatomy and physiology. *Wisconsin Society of Science Teachers (WSST) Conference*, Wausau, WI.
- Mason, K. (2022, March). Professional dispositions: Development, validation, and implementation. *American Association of Colleges for Teacher Education (AACTE) Conference*, New Orleans, LA.
- Mason, K. & Matthias, G. (2021, April). An Introduction to the edTPA: How to support student teachers. *National Science Teachers Association (NSTA) Conference*, Chicago, IL. Cancelled due to COVID.
- Kramschuster, A. & Mason, K. (2020, March). An introduction to plastics for science teachers: Properties and thermal transitions. *Wisconsin Society of Science Teachers (WSST) Conference*, Wisconsin Dells, WI. Cancelled due to COVID.
- Mason, K. (2020, March). Bot for tots: Integrating computer programming with children's literature. *Wisconsin Society of Science Teachers (WSST) Conference*, Wisconsin Dells, WI. Cancelled due to COVID.
- Mason, K. & Matthias, G. (2020, April). An Introduction to the edTPA: How to support student teachers. *National Science Teachers Association (NSTA) Conference*, Boston, MA. Cancelled due to COVID.
- Hines, E. & Mason, K. (2020, April). Using children's literature in teaching science. *Early Childhood Education (ECE) Conference*, Menomonie, WI. Cancelled due to COVID.
- Hines, E. & Mason, K. (2019, April). Using children's literature in teaching science. *National Science Teachers Association (NSTA) Conference*, St. Louis, MO.
- Tiala, S. & Mason, K. (2019, April). Bot for tots. *Early Childhood Education (ECE) Conference*, Menomonie, WI.
- Stanislawski, D., Mason, K., & Whitaker, D. (2019, February). Developing a validation process for embedded signature assessments. *American Association of Colleges for Teacher Education (AACTE) Conference*, Louisville, KY.
- Mason, K. (2018, April). Advancing science learning through interactive science notebooks. *Early Childhood Education (ECE) Conference*, Menomonie, WI.
- Tiala, S. & Mason, K. (2018, April). Cubetto: A preschooler introduction to computer programming. *Early Childhood Education (ECE) Conference*, Menomonie, WI.
- Stanislawski, D., Mason, K., & Whitaker, D. (2018, March). The development and use of embedded signature assessments for continuous improvement and accountability. *American Association of Colleges for Teacher Education (AACTE) Conference*, Baltimore, MD.
- Mason, K. (2017, November). Advancing science learning through interactive science notebooks. *National Science Teachers Association (NSTA) Conference*, Milwaukee, WI.
- Mason, K. (2017, April). Advancing science learning: Teaching earth science concepts through engineering problems. *Early Childhood Education (ECE) Conference*, Menomonie, WI.
- Mason, K. (2017, March). Advancing science learning using interactive science notebooks. *Wisconsin Society of Science Teachers (WSST) Conference*, Oconomowoc, WI.
- Mason, K. (2016, April). Advancing science learning: Teaching earth science concepts through engineering problems. *National Science Teachers Association (NSTA) Conference*, Nashville, TN.
- Mason, K. (2016, April). Advancing science learning: Teaching earth science concepts

- through engineering problems. *Wisconsin Society of Science Teachers (WSST) Conference*, LaCrosse, WI.
- Mason, K. (2016, April). Advancing science learning: Teaching physical science concepts through engineering problems. *Early Childhood Education (ECE) Conference*, Menomonie, WI.
- Kroger, L. & Mason, K. (2016, February). Using edTPA data for program improvement. *Wisconsin edTPA Implementation Conference*, Wisconsin Dells, WI.
- McAlister, B., Stanislawski, D., & Mason, K. (2016, February). Aligning our assessment system with the edTPA through the development of embedded signature assessments. *Wisconsin edTPA Implementation Conference*, Wisconsin Dells, WI.
- Mason, K. (2015, April). Advancing science learning: Teaching life science concepts through engineering problems. *Early Childhood Education (ECE) Conference*, Menomonie, WI.
- Mason, K., Kramschuster, A., & Michaelsen, D. (2015, March). Advancing science learning: Teaching physical science concepts through engineering problems. *Wisconsin Society of Science Teachers (WSST) Conference*, Wisconsin Dells, WI.
- Mason, K. & McAlister, B. (2015, March). Advancing science learning: Teaching physical science concepts through engineering problems. *National Science Teachers Association (NSTA) Conference*, Chicago, IL.
- Hopkins-Best, M., Mason, K., Brennan, M., Othman, L., Johnson, A., & Nielson, K. (2014, May). From edTPA to educator effectiveness: Preparing candidates and initial educators for success. *Wisconsin State Personnel Development Grant Institute of Higher Education Conference*, Green Bay, WI.
- McAlister, B., Mason, K., & Weiss, T. (2014, May). Engaging candidates when building capacity to implement edTPA. *edTPA Conference*, Wisconsin Dells, WI.
- Othman, L., Mason, K., Nyland, R., Brennan, M., & Hines, E. (2014, May). Establishing a professional learning community at the University of Wisconsin-Stout. *Wisconsin State Personnel Development Grant Institute of Higher Education Conference*, Green Bay, WI.
- Mason, K. & McAlister, B. (2014, April). Advancing science learning: Teaching life science concepts through engineering problems. *National Science Teachers Association (NSTA) Conference*, Boston, MA.
- Mason, K. (2014, March). Advancing science learning: Teaching life science concepts through engineering problems. *International Technology and Engineering Education Association (ITEEA) Conference*, Orlando, FL.
- Mason, K., Bomar, C., Kramschuster, A., & Wallisch, A. (2014, March). Advancing science learning: Teaching life science concepts through engineering problems. *Wisconsin Society of Science Teachers (WSST) Conference*, Appleton, WI.
- Mason, K. & McAlister, B. (2014, March). Advancing science learning: Teaching life science concepts through engineering problems. *Wisconsin Association of Colleges of Teacher Education (WACTE) Conference*, Madison, WI.
- Mason, K. (2013, August). The pedagogical practices of the Next Generation Science Standards. *No Teacher Left Inside (NTLI) Conference*, Poynette, WI.
- Mason, K. & Stricker, D. (2013, April). Integrated STEM projects: Teaching technology and engineering concepts to address the Next Generation Science Standards. *National Science Teachers Association (NSTA) Conference*,

San Antonio, TX.

- Stricker, D. & Mason, K. (2013, March). The rural integration of STEM curriculum. *International Technology and Engineering Education Association (ITEEA) Conference*, Columbus, OH.
- Mason, K., Layman, G., Wiesneski, K., & Johnson, B. (2012, March). Hydroponics: Using project-based learning to teach plant ecology. *Wisconsin Society of Science Teachers (WSST) Conference*, Madison, WI.
- Mason, K., Bomar, C., & Brewer, J. (2011, July). SySTEMically improving student academic achievement in mathematics and science. *American Society for Quality STEM Agenda Conference*, Menomonie, WI.
- Mason, K. (2010, October). Preparing STEM teaching professionals. *SySTEMnow Conference*, Milwaukee, WI.
- Mason, K. (2010, April). Invasive plant species curriculum guide. *Wisconsin Society of Science Teachers (WSST) Conference*, LaCrosse, WI.
- Mason, K., Sandstrom W., & Johnson, B. (2009, October). Invasive plant species curriculum guide. *National Science Teachers Association (NSTA) Conference*, Minneapolis, MN.
- Mason, K. & Johnson, B. (2009, September). Invasive plant species curriculum guide. *Wisconsin Association of Environmental Educators (WAE) Conference*, Eau Claire, WI.
- Mason K. (2008, October). A Bachelors of Science in Technology and Science Education. *Technology Education Conference*, Menomonie, WI.

Grant Funded Collaborations

- Science, Technology, Engineering, and Mathematics (STEM) Camp for Elementary Teachers. *3M STEM Education Equity Grant (\$20,000)*. Co-Principal Investigator to design and implement a professional development in science and engineering for elementary teachers (2023).
- Secondary Teacher Preparation. *Supporting Academic Enrollment Grant (\$2400)*. Develop a model for the preparation of secondary teachers in math, science, social studies, and English at the University of Wisconsin-Stout (2023).
- Dual Enrollment in Education. *Supporting Academic Enrollment Grant (\$750)*. Develop and implement dual enrollment courses in Educational Psychology (EDUC 303) and Foundations of Education (EDUC 326) to market the teacher education programs at UW-Stout (2023).
- Engineering is Elementary Camp at the University of Wisconsin-Stout. *Excel Energy Foundation Grant (\$2,538)*. Design and implement a one-day engineering camp for elementary students. Cancelled due to COVID-19 (2020-2021).
- Math Initiatives for Student Success at the University of Wisconsin-Stout. *University of Wisconsin System Math Initiative Grant (\$67,000)*. Participated on the Education Subcommittee to develop curriculum for a math course for elementary teachers (2019-2021).
- Using Children's Literature in Teaching Science. *Elementary and Secondary Education Act (ESEA) Title Iia Wisconsin Improving Teacher Quality Grant (\$124,973)*. Designed and implemented professional development in using children's literature to teach science for 25 K-8 teachers (2017-2018).
- Non-Fiction Children's Literature for the Next Generation Science Standards. *Merle Price Faculty Mentor-Mentee Research Award (\$6000)*. Collaborated with faculty in literacy and early childhood education to co-author a children's book aligned to

the kindergarten science standards (2016-2017).

Advancing Science Learning (ASL). *Elementary and Secondary Education Act (ESEA) Title Iia Wisconsin Improving Teacher Quality Grant (\$476,583)*. Served as the Co-Principal Investigator to design and implement professional development in science and engineering for 60 K-5 teachers from 10 school districts (2013-2016).

Science Literacy – Literacy in Science. *Elementary and Secondary Education Act (ESEA) Title Iia Wisconsin Improving Teacher Quality Grant (\$303,271)*. Designed and implemented professional development in science and literacy for 20 K-8 teachers from three school districts (2013-2016).

Using Professional Learning Communities to Increase Teacher Effectiveness and Academic Achievement for All Students. *Wisconsin State Personnel Development Grant (SPDG) Institutions of Higher Education (IHE) Mini-Grant (\$10,000)*. Formed a Professional Learning Community (PLC) to improve the ability of teachers to use data to develop math and reading interventions (2013-2016).

Next Generation Science Standards (NGSS). *Elementary and Secondary Education Act (ESEA) Title Iia Wisconsin Improving Teacher Quality Grant (\$122,677)*. Designed and implemented professional development on the Next Generation Science Standards for 30 secondary teachers (2014-2015).

Science Learning Community (SLC). *Elementary and Secondary Education Act (ESEA) Title Iia Wisconsin Improving Teacher Quality Grant (\$505,383)*. Served as the Co-Principal Investigator to design and implement professional development in science and engineering for 60 secondary teachers from 10 districts (2014-2015).

Research Equipment for the School of Education. *College of Education, Health, and Human Sciences Research Equipment Grant (\$13,759)*. Video recorded and analyzed learning segments using i-pads for the Educative Teacher Performance Assessment (edTPA) of teacher candidates in the School of Education (2013).

A Professional Development Opportunity that Provides Faculty with Strategies for Promoting the Learning of ALL Students. *Wisconsin State Personnel Development Grant (SPDG) Institutions of Higher Education (IHE) Mini-Grant (\$9,952)*. Designed and implemented professional development on Response to Intervention (RTI) for 40 university faculty and staff (2012-2013).

Professional Development and Dissemination of Research. *University of Wisconsin-Stout Professional Development Grant (\$6,171)*. Presented integrated curriculum projects at the NSTA and ITEEA national conferences (2012-2013).

Microteaching Assessments for Science, Technology, Engineering, and Mathematics Education. *University of Wisconsin System Administration (UWSA) Teacher Quality Initiative (TQI) Grant (\$25,000)*. Designed, implemented, and tested a microteaching performance assessment for pre-service teachers (2011-2012).

Western Wisconsin STEM Consortium: SySTEMically Improving Student Academic Achievement in Mathematics and Science. *Math and Science Partnership Grant: Wisconsin Department of Public Instruction (\$903,426)*. Designed and implemented professional development for 60 K-12 teachers (2009-2012).

Wisconsin Grassroots Teacher Quality Assessment. *Funds for the Improvement of Post Secondary Education (FIPSE) from the University of Wisconsin System Teacher Quality Initiative Grant (\$35,000)*. Designed, implemented, and tested an observation instrument to evaluate student teachers (2008-2011).

Lab Modernization in Science Education. *University of Wisconsin System Lab Modernization Grant (\$13,234)*. Obtained a SMART Board and four mobile lab stations with scientific equipment and supplies for pre-service teachers (2009).

Invasive Plant Species Curriculum Guide. *Wisconsin Environmental Educators Board (WEEB) Grant* (\$18,013). Developed and disseminated the Invasive Plant Species Curriculum Guide (2008-2009).

Astrocompass Science Initiative. *Elementary and Secondary Education Act (ESEA) Title IIa Wisconsin Improving Teacher Quality (WITQ) Grant* (\$26,000). Reviewed the Astrocompass Science Initiative curriculum for the professional development of elementary teachers in astronomy (2008-2009).

SERVICE

Program Service

Technology Education Student Advisor (2021-2024)
Bachelor of Science in Special Education Program Director (2022-2024)
Special Education Program Advisory Committee Chair (2022-2024)
Science Education Student Advisor (2006-2023)
Bachelor of Science in Science Education Program Director (2006-2021)
Science Education Program Advisory Committee Chair (2006-2021)
Science Add-on Certification Advisor (2006-2021)
UW-Stout National Science Teachers Association Student Chapter Advisor (2009-2021)
UW-Stout National Science Teachers Association Student Chapter Founder (2009)

Department and School Service

School of Education Council (2006-2024)
Teaching, Learning, & Leadership Full Professor Promotion Committee (2019-2024)
Teaching, Learning, & Leadership Department Chair (2022-2024)
Teaching, Learning, & Leadership Tenure & Promotion Committee (2016-2023)
School of Education Ad-Hoc Student Teacher Evaluation Committee Chair (2023)
Teaching, Learning, & Leadership Personnel Committee Chair (2021-2022)
Teaching, Learning, & Leadership Tenure & Promotion Committee Chair (2021-2022)
School of Education Assessment Coordinator (2018-2021)
Teaching, Learning, & Leadership Curriculum Committee (2020-2021)
Teaching, Learning, & Leadership Post-Tenure Review Committee (2020-2021)
Teaching, Learning, & Leadership Personnel Committee (2018-2020)
School of Education Disposition Committee Chair (2019-2020)
School of Education Accreditation Committee Chair (2019-2020)
School of Education Assessment Committee (2014-2019)
Teaching, Learning, & Leadership Post-Tenure Review Committee Chair (2018-2019)
School of Education edTPA Coordinator (2015-2018)
Teaching, Learning, & Leadership Governance Committee Co-Chair (2013-2017)
Early Childhood Education Search Committee (2016-2017)
Technology Education Advisory Committee (2008-2016)
Teaching, Learning, & Leadership Personnel Committee (2015-2016)
Educative Teaching Performance Assessment (edTPA) Committee (2012-2015)
Art Education Advisory Committee (2014-2015)
Art Education Search Committee Chair (2013-2014)
Undecided Education Career Cluster Advisor (2008-2013)
Scholarly Activity Committee (2011-2013)
Response to Intervention (RTI) Committee (2012-2013)
School of Education Director Search Committee (2011)

College and University Service

Applied Mathematics & Computer Science Advisory Committee (2011-2024)
Faculty Senate CAHS Representative (2021-2024)
College of Arts and Human Sciences Council (2022-2024)
CAHS Associate Dean Search Committee (2022-2023)
Comprehensive Academic Plan Committee (2022-2023)
Honors Project Advisor (2022-2023)
Applied Science Advisory Committee (2006-2022)
CEHHHS Council (2009-2022)
CEHHHS Associate Dean Search Committee Chair (2021-2022)
General Education Response Team Committee (2019-2021)
Professional Development Grant Review Committee (2019-2021)
University of Wisconsin System Math Initiative Education Subcommittee (2019-2021)
University Personnel Policies Committee (2017-2020)
Heritage Hall Feasibility Study Committee (2019-2020)
CEHHHS Governance Committee (2017-2019)
University Promotion Committee to Full Professor (2018-2019)
CEHHHS Associate Professor Promotion Committee (2016-2017)
Mathematics Faculty Search Committee (2014-2016)
University Associate Professor Promotion Committee (2013-2014)
Mathematics Education Faculty Search Committee (2012-2013)
Admissions & Credit Appeals Committee, CEHHS Representative (2010-2012)
Positive Action Committee, CEHHS Representative (2011-2012)
Professional Development Committee, CEHHS Representative (2010-2011)

Professional Service

National Science Teachers' Association Member (2008-2024)
Wisconsin Society of Science Teachers Member (2010-2024)
Wisconsin Society of Science Teachers Higher Education Committee (2014-2024)
American Association of Colleges for Teacher Education Member (2018-2024)
Chippewa Falls Area Unified School District Design Team (2022-2023)
Wisconsin Society of Science Teachers Board of Directors (2019-2022)
CLS Classroom Management Teacher Inservice (2021)
Reviewer for *The Teacher Educator* (2018-2019)
CFAUSD Co-Curricular Strategic Planning Committee (2014-2016)
CLS Positive Behavioral Intervention and Support Teacher Inservice (2015)
Wisconsin Science Olympiad Event Coordinator (2007-2014)
CFAUSD Foundation Board of Directors (2008-2014)
CESA 11 Science Advisory Board Member (2009-2014)
Association of Teacher Educators (ATE) Member (2010-2014)
Wisconsin Department of Public Instruction Science Leadership Team (2012-2014)
CFAUSD Foundation Board of Directors President (2009-2012)
Presidential Award for Excellence in Science Teaching Committee (2011-2012)
Reviewed Conference Papers for *American Society of Quality: STEM Agenda* (2011)
Reviewed Manuscripts for *Teaching Education* (2011)
National Geographic JASON Project: Trainer (2008)

Community Service

Chippewa Falls Area Unified School District

Assistant Varsity Girls Soccer Coach (2022-2023)

Assistant Varsity Boys Soccer Coach (2022-2023)

Junior Varsity Boys Soccer Coach (2020)

Middle School Boys Soccer Coach (2017-2018)

Christ Lutheran School

Physical Education Volunteer Teacher (2009-2016)

Middle School Cross-Country Coach (2011-2013)

Chippewa Falls Youth Sports

Soccer Coach (2008-2023)

Basketball Coach (2014-2019)

Baseball Coach (2011-2015)

Football Coach (2014-2015)

Children's Church Ministry

Youth Group Leader (2017-2024)

Sunday School Teacher (2011-2020)

AWANA Director (2016-2017)

AWANA Commander (2014-2016)

AWANA Director (2012-2014)

AWANA Teacher (2006-2012)

Children's Church Pre-School Teacher (2007-2010)

Awards

UW-Stout CEHHHS Teacher of the Year (2017-2018)

Wisconsin Society of Science Teachers Excellence in Science Education Award (2012)

UW-Stout CEHHS Undergraduate Program Director of the Year (2011-2012)

UW-Stout School of Education Undergraduate Program Director of the Year (2010-2011)

National Dean's List Award (1996)

University of Minnesota Scholar Athlete (1995)

University of Wisconsin-Parkside Cross-Country Captain (1993)

Chemical Rubber Company (CRC) Press Chemistry Award (1992)

Bausch and Lomb Science Award (1992)

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