Faculty Vitae

Name: Laura J. Schmidt

Education – degree, discipline, institution, year

* Ph.D., Mathematics, University of Kentucky, Lexington, KY, 2003
* M.A., Mathematics, University of Kentucky, Lexington, KY, 1999
* B.A., Mathematics, Bucknell University, Lewisburg, PA, 1997

Academic and Professional Experience – full-time, unless noted.

*Current Positions:*

* Professor of Mathematics, University of Wisconsin-Stout, since August 2014.

*Previous Positions:*

* Math Teaching and Learning Center Director, College of Science, Technology, Engineering, Mathematics and Management, University of Wisconsin-Stout, 2015-2022.
* Program Director for Applied Mathematics and Computer Science, College of Science, Technology, Engineering, Mathematics, and Management, University of Wisconsin-Stout, 2011-2014.
* Associate Professor of Mathematics, University of Wisconsin-Stout, 2008-2014.
* Assistant Professor of Mathematics, University of Wisconsin-Stout, 2004-2008.
* Visiting Assistant Professor, Berea College, 2003-2004.
* Adjunct Professor, Transylvania University, Spring 2003.
* Teaching Assistant (part-time), University of Kentucky, 1997-2002.
* Instructor for Center for Talented Youth, Skidmore College, Summers 2000, 2001.

Professional credentials, certifications, or licensing - None

*Professional development activities (select)*

* OPID Spring Conference, 2018, 2024, Madison, WI.
* Wisconsin MAA Spring Meetings: 2015, 2016, 2017, 2018, 2019, 2021 (virtual), 2022 (virtual), 2023, 2024.
* Math Bridge Project sponsored by MAA and WMC with speakers from both the K-12 and College levels for each session:
  + November 2023, Topic: Data Science and Statistics
  + February 2024, Topic: Mathematical Modeling
  + March 2024, Topic: Math Assessment
  + September 2024, Topic: Math Modeling Contests
  + October 2024, Topic: Calculus and Analysis, In and Out of the Classroom
  + January 2025, Topic: Probability/Actuary
  + February 2025, Topic: Providing Support for Diverse Learners
* Mental Health Sessions: “Understanding the Title III Grant and Future Directions,” “Mental Health Across the Institution,” and “Mental Health in the Classroom,” UW-Stout, 2024.
* NTLC Event Anxiety in the Classroom, UW-Stout, 2020.
* Math Initiative Workshop, 2019, Madison, WI.
* NTLC Event on Growth Mindset, UW-Stout, 2019.
* EDI Assessment and Review, UW-Stout, 2019.
* NTLC Event Student Anxiety Workshop, UW-Stout, 2019.
* National Joint Mathematics Meetings sponsored by the AMS and MAA: 2016, 2017, 2019.

Contributions to the discipline (e.g., service, publications, or presentations)

*Selected Service*

* MSCS Promotion Committee, Chair of committee, 2024.
* Department Name Change Committee, 2024.
* Fall Semester Honors Colloquium Facilitator, “Right Kind of Wrong” book discussion, 2024.
* Sabbatical Appointment Committee, CSTEMM position, 2023-2026.
* Student Disciplinary Hearing Committee, at-large member, 2022-2024.
* Volunteer at St. Joseph’s Elementary School in Library, 2018 – present.
* Post Tenure Review Committees, 2017, 2019, 2023, 2024.
* MSCS Curriculum Committee, 2017-2019.
* STEM Day at St. Joseph’s School, Menomonie, WI, February 2017.
* AMCS Women’s Group Faculty Advisor, 2015 – present.
* Math Teaching and Learning Center, Director, 2015-2022.
* Educational Activities Committee, 2015-2018.
* All University Promotion Committee, 2014, 2023.
* National MAA Committee on the Teaching of Undergraduate Mathematics, 2014-2020.
* AMCS Program Advisory Board Member, 2011 – present.
* Mathematics Education Concentration Coordinator, 2011-2017.
* Program Director for the Applied Math and Computer Science Program, 2011-2014.
* MAA Wisconsin Chair of the Committee on High School Math Contests, 2009-2021.
* MAA Wisconsin Executive Board Member, 2009-2021.
* Nakatani Teaching and Learning Center, board member, 2008-2012.
* Director of the Wisconsin MAA High School Math Contest, 2006-2011.
* Hiring Committee for Associate Dean of CSTEMM and various faculty and academic staff.

*Selected Publications*

* Min DeGruson, Laura Schmidt, Anne Hoel, “Analysis of Students’ Transition Back to Face-to-Face Instruction,” The Scholarly Teacher, 2023.
* Zimmerman, Todd, Schmidt, Laura, Becker, Joy, Peterson, Julie, Nyland, Ruth, and Surdick, Renee. “Narrowing the Gap between Students and Instructors: A Study of Expectations.” Transformative Dialogues, 2014.
* Schmidt, Laura. “Revelations of Motivation in a Mathematics Class.” Academic Exchange Quarterly, Volume 16, Issue 3, Fall 2012.
* Lee, Carl and Schmidt, Laura. “On the Number of Faces of Low-Dimensional Regular Triangulations and Shellable Balls.” Rocky Mountain Journal of Mathematics, Volume 41, Number 6, 2011.
* Schmidt, Laura. “What are the characteristics of a motivated student in a general education mathematics course, and what teaching methods / techniques / activities / course structure do students say influence their motivation?” MERLOT Snapshot, April 2009.
* Schmidt, Laura. “Dealing with Anxiety and Attitudes Towards Math.” Academic Exchange Quarterly, Volume 11, Issue 4, page 28-32, Winter 2007.
* Christie, Diane and Schmidt, Laura. “Lesson Study in Exploring Difficulties with Combining Rational Expressions.” Teaching Forum March 2007. 12 March 2007.
* Becker, Joy, Bendel, Christopher, Ghenciu, Petre, Schmidt, Laura and Teleb, Radi. “The Perfect Related Rates Lesson: A Lesson Study in Calculus.” Teaching Forum March 2007. 12 March 2007.

*Selected Honors*

* Outstanding Teaching Award for 2021-2022.
* SoTL: A Team Approach Program, sponsored by Nakatani Teaching and Learning Center (NTLC), “Effect of Belongingness Intervention on Student Performance.” 2016-2017.
* Wisconsin Teaching Scholar, “Investigating Self-Efficacy of Students in a General Education Mathematics Course.” 2012-2013.
* Wisconsin Teaching Fellow, “What are the characteristics of a motivated student in a general education course and how do we influence a student’s motivation?” 2008-2009.
* Invested Scholar for SoTL sponsored by NTLC, “Dealing with Anxiety and Attitudes Towards Mathematics.” 2006-2007.

*Selected Presentations*

* OPID Spring Conference, 2024, Madison, WI. “An Analysis of Students’ Transition Back to Face-to-Face Instruction.”
* Lilly Conference, 2023, San Diego, CA. Talk given virtually. “An Analysis of Students’ Transition Back to Face-to-Face Instruction.”
* MAA Conference, 2023, WI. “An Analysis of Students’ Transition Back to Face-to-Face Instruction.”
* Sabbatical Presentation, 2019, UW-Stout, WI. “Highlights from the JMM and My Sabbatical Semester.”
* Joint Mathematics Meetings, 2019, Baltimore, MD. Invited Panel on Productive Failure, with Gizem Karaali and Francis Su.
* NTLC New Instructors Workshop, 2018, UW-Stout, WI. “Effectively Addressing Unprepared Students Enrolled in our Courses.”
* NTLC Invited Presentation, 2017, UW-Stout, WI. “Belongingness Project.”
* Joint Mathematics Meetings, 2017, Atlanta, GA. “Effect of Belongingness Intervention on Student Performance”, with Dr. Corne and Dr. Zimmerman.
* MAA Conference, 2016, La Crosse, WI. “The Instructional Practices Guide.”
* MAA Conference, 2015, Ripon College, WI. “The Balancing Act.”
* OPID Spring Conference, 2013, Madison, WI. Wisconsin Teaching Fellows & Scholars Program Presentation, “Self-Efficacy in a General Education Mathematics Course.”
* Joint Mathematics Meetings, 2013, San Diego, CA. “I can’t believe my instructor expects me to do this: Methods for your classroom to promote clarity related to hopes and expectations.”
* MAA Conference, 2012, Milwaukee, WI. “Closing the Gap Between Learners’ and Instructors’ Expectations: Unexpected Results.”
* ISSOTL Conference, 2011, Milwaukee, WI. Panel: “Closing the Gap Between Learners’ and Instructors’ Expectations: Unexpected Results,” and Workshop: “I can’t believe my instructor expects me to do this: Methods for your classroom to promote clarity related to hopes and expectations.”

*Professional Memberships*

* Mathematical Association of America
* National Project NExT