



Apply at

<https://amatyc.site-ym.com/page/SlopeApplication>

The application period closes November 30, 2018.

The AMATYC Project SLOPE Research Fellows Program is an NSF-funded initiative within the American Mathematical Association of Two-Year Colleges (AMATYC) to encourage mathematics faculty members at associate degree granting institutions to engage in the Scholarship of Teaching and Learning (SoTL). SoTL is scholarly inquiry by faculty into questions about their teaching and their students' learning that is subjected to review and made public for others to build upon.

AMATYC Project SLOPE Fellows will engage in professional development and be mentored by colleagues who have engaged in classroom research as they progress through all aspects of a SoTL project. Fellows will attend a summer workshop on SoTL at Portland State University in Portland, OR (June 13 - 15, 2019), and two consecutive AMATYC national conferences (November 14 – 17, 2019 in Milwaukee, WI and November 12 – 15, 2020 in Spokane, WA).

Eligibility: Mathematics faculty at two-year colleges and associate degree granting institutions are invited to apply for the program. Prior SoTL or classroom research experience is NOT required to participate in the program. All levels of research experience are welcome. Eligible participants will not be enrolled in a research-orientated graduate program nor hold a simultaneous SoTL fellowship through another institution during their time as an AMATYC Project SLOPE Fellow. Fellows must maintain active AMATYC membership throughout the duration of the program and attend all Project SLOPE events. The program is open to US Residents. Non-US Residents are invited to apply, but cannot receive funding for travel nor stipend support through Project SLOPE if selected for the program.

Institutional Support and Commitment: Assurance of institutional support is of critical importance to the success of the AMATYC Project SLOPE Research Fellows Program. A strong letter of institutional support and commitment is required for acceptance into the program. Applicants should connect with their college administration and leadership, sharing the information in the Institutional Commitment page prior to applying to program to ensure this commitment.

Contact: Questions and inquiries about the AMATYC Project SLOPE Research Fellows Program can be directed to Megan Breit-Goodwin at Megan.Breit-Goodwin@anokaramsey.edu.



Support for Project SLOPE (Scholarly Leaders Originating as Practicing Educators in Two-Year College Mathematics) is provided by the National Science Foundation, NSF-IUSE:EHR #1726891.



Describe a college teaching experience that has raised some questions in your mind about teaching and learning in mathematics. This experience may have been a point of frustration, a problem, or a surprising insight.

Prompted by the experience you just described, what aspect(s) of student mathematical thinking, learning, or motivation do you wish you had a better understanding of?

What do you see as the value of collaboration when investigating student learning in order to improve mathematics teaching and learning?



Research Fellows Commitment Timeline

	Jan - Feb	March - April	May - June	July - Aug	Sept - Oct	Nov - Dec
2019	Welcome and connecting with Project SLOPE Leadership and Mentors.	What is SoTL? Reflecting on practice and Connecting with AMATYC IMPACT.	Develop research projects and research design.	Solidify study design. Select research tools.	IRB proposal. Pilot instruction and tools. Plan how data will be organized.	Finalize data collection methods, data organization, and begin plans for data analysis.
		AMATYC SoTL Webinar.	Summer SoTL Workshop in at Portland State University.		Present project design in AMATYC Webinar.	AMATYC Conference in Milwaukee, WI
	Jan - Feb	March - April	May - June	July - Aug	Sep - Oct	Nov - Dec
2020	Collect informed consent from participants. Data collection.	Data collection. Plan for data analysis.	Data collection. Determine next steps and timeline.	Data analysis. Prepare for AMATYC Conference Presentation.	Finalize study results. Workshop with Fellows and Mentors Update presentation.	Share outcomes. Plan for next steps and goals for the effort.
						Present results at AMATYC Conference in Spokane, WA and at AMATYC Webinar.

Support for Project SLOPE is provided by the National Science Foundation, NSF-IUSE:EHR #1726891.