

Michigan Master Teachers Program (MTP) National Science Foundation Fellowship for Middle School Science Teachers

Michigan Technological University and Northern Michigan University are seeking experienced middle school (grades 6-8) STEM teachers from high-need districts who are interested in building their leadership skills and improving STEM education in Michigan.

MTP Goals for All Participants:

- Increased knowledge of participatory action research, student-centered pedagogy, and facilitation
- Capacity to make evidence-based improvements to instruction within their classroom
- Capacity to lead an effective professional learning community within their school and with fellow participants in order to enable ongoing educational improvements

The Opportunity:

MTP is recruiting **20 middle school STEM teachers with master’s degrees and 10 with bachelor’s degrees** from high-need school districts* for the project.

Program Elements	Master’s-Holding Teachers	Bachelor’s-Holding Teachers
Leadership Development	<i>Leadership-development program designed specifically for Michigan STEM teachers and with full participation of the MTP teachers!</i>	
Stipend	<i>Master’s degree holders will receive a \$10,000 stipend annually for 5 years in return for their completing all program requirements</i>	<i>Bachelor’s degree holders will receive a \$10,000 stipend upon completion of the master’s and additional \$10,000 stipends each year for 4 subsequent years</i>
Commitment	5 years	6 years
Graduate Program	N/A	<i>Teachers will complete the 32-credit Master of Arts in Education in Educational Instruction Curriculum program at Northern Michigan University</i>
Tuition Costs	N/A	<i>Tuition paid by program</i>

*“High-need districts” have at least 20% or more students from low-income families AND at least 10% teacher turnover, teachers with emergency/provisional certification, or teachers teaching out of grade or subject area. Rural districts may be eligible on the basis of other criteria. Please contact us for more information.



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Michigan Technological University is an Equal Opportunity Educational Institution that provides equal opportunity for all, including protected veterans and individuals with disabilities.

Criteria for Selection of Participants:

FOR ALL PARTICIPANTS	Required	Desirable
<i>Willingness and ability to agree to all terms and conditions required for participation for the entire duration of the project (5-years for master’s degree holders; 6-years for bachelor’s degree holders)</i>	X	
<i>Classified as a U.S. citizen, national, or permanent resident alien</i>	X	
<i>Currently employed as a middle school STEM teacher in a high-need school district*</i>	X	
<i>Rated by the State of Michigan as “effective” or “highly-effective” for each of the preceding three years</i>	X	
<i>Committed to serving as a classroom teacher in a high-need district* for at least 5 of the next 7 years</i>	X	
<i>Committed to improving achievement among their students</i>	X	
<i>Willingness to participate in and lead professional learning communities to improve science instruction</i>	X	
<i>Willingness to collaborate with others around the state to promote improvements</i>	X	
<i>Ability to obtain a recommendation from direct supervisor based on leadership potential</i>	X	
<i>Ability to obtain school or district administrator’s commitment to: (1) support the participant’s activities as a teacher leader, including taking on a specific leadership role (while fulfilling teaching service commitment and associated classroom obligations); and (2) assign the participant to a science/STEM teacher of record position for the duration of the project</i>	X	
<i>Experience implementing innovative approaches in the classroom</i>		X
ADDITIONAL REQUIREMENTS FOR PARTICIPANTS WITH BACHELOR’S DEGREES	Required	Desirable
<i>Bachelor’s degree in education or a STEM discipline</i>	X	
<i>Teaching certification or licensure in a STEM discipline</i>	X	
ADDITIONAL REQUIREMENTS FOR PARTICIPANTS WITH MASTER’S DEGREES	Required	Desirable
<i>Master’s degree in education or a STEM discipline</i>	X	
<i>> 3 years’ experience teaching a STEM discipline or STEM bachelor’s degree</i>		X
<i>Completion of NGSS- or MSS-aligned professional learning program</i>		X
<i>Demonstrated success with classroom implementation of MSS- or NGSS-aligned curricula</i>		X
<i>Experience conducting professional learning activities for fellow teachers</i>		X
<i>Experience participating in the design and development of MSS- or NGSS-aligned curriculum materials</i>		X

We encourage you to apply! Please complete the application [HERE](#).

Applications will be reviewed on a rolling basis until all spots are filled. Email mtp@mtu.edu for any questions.

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