

**Robotics and Advanced Manufacturing Educator Program
National Science Foundation - Research Experience for Teachers
Bowling Green State University
College of Technology, Architecture and Applied Engineering**

Program overview:

Bowling Green State University (BGSU) College of Technology, Architecture and Applied Engineering received a grant from the National Science Foundation (NSF), Research Experience for Teachers (RET) program, aimed to increase interest in STEM related fields with focus on robotics and advanced manufacturing. The funding will pay selected high school or community college educators who currently teach STEM subjects for participating in a six-week summer program and for implementation of developed learning modules during the following academic year.

Twelve selected program participants will:

- Receive a \$6,000 stipend (paid at end of program).
- Receive a one-time \$200 stipend to defray travel expenses (paid at end of program).
- Receive lunch and snacks during on campus dates.
- Engage in a research project with faculty mentors and graduate students.
- Attend research presentations, curriculum development workshops, and industry tours.
- Develop an instructional module to teach a topic related to their research.
- Receive supplies and equipment to implement developed instructional module.
- Receive \$500 upon instructional module implementation during the following academic year.
- Receive Ohio Professional Development verification of Participation for LPDC Approval.

Program applicant requirements:

- Educators currently teaching high school or community college STEM subjects.
- Available to commit to six weeks summer 2025 (June 9 – July 18, 2025) (excluding holidays)
 - Mon-Fri, 9am-5pm (Mon-Thurs: on campus at BGSU, Fri. remote).
- Completed NSF Education and Training Application (ETAP) including supporting documents.
- Committed to implementing instructional module in the following academic year.

[Robotics and Advanced Manufacturing NSF/RET Webpage and Application](#)



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