

Thank you to our sponsors:

- Western MD Section of the American Chemical Society
- 2025 FSU Foundation Opportunity Grant
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- Chemistry FSU Foundation Development Fund
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- Potomac State College
- Martha T. & Ralph M. Race Western MD History Lecture Funds
- Appalachian Section of the American Association of Physics Teachers
- FSU Student Engagement



15th Annual Western Maryland STEM Festival

November 8, 2025

FROSTBURG
STATE UNIVERSITY

**10:00-11:00 AM: Steve Spangler
Keynote
PE Center Main Arena**

**11:00 AM- 2:00 PM: Stem Festival
PE Center Main Arena & Education and
Health Sciences Center**



PE Center Main Arena

FSU Mathematics

- 3D Stereo Anaglyphs
- Crafty Math for the Holidays

FSU Biology

- Data Acquisition in the Life Sciences
- Parasites

FSU Pre-Med Society

- FSU Student Members of the American Chemical Society (SMACS) and American Physical Society (APS)
- Hands on chemistry/physics demos

4H Robotics Frostburg Team

- Hydraulic robot arm
- Hands on circuits
- Robot ball obstacle course
- 4H robotics demo

IBM

Northrop Grumman

- Rubber band powered rockets

FSU Department of Physical and Environmental Sciences

- Rocks and Minerals (Geography)
- Snap Circuits (Physics)
- Invisible ink (Chemistry)

Evergreen Heritage Center

Kidwind

Education and Health Science Center

Western MD Regional GIS Center

- Tech X-Ray Vision: Exploring with Drones and Ground Penetrating Radar

FSU Education

- Pumpkin Piano
- Egg Drop Challenge
- Robots Number Challenge
- Paper Bridges
- Bee Bots
- Pigeon Perch Challenge
- 3D Printing

Garrett County Robotics

- Brushbots
- Mathemagic

FSU Computer Science and Information Technologies

- Binary Lights
- Learn computer science with offline activities
- Computer History – Live!
- IoT Devices

North 40 Lego Team

Maryland STEM Festival - Lego Bar

Allegany County Library