

RESEARCH EXPERIENCES FOR STEM EDUCATORS

RAOP 2027

Robotics & Automation Outreach Program

Bring robotics research into your teaching.



Educator experience • RAOP 2026

8 educators

Pre-service and in-service

2 weeks virtual

Guided digital-twin learning

1 week on-site

Howard University, Washington, DC

PARTICIPANT SUPPORT

Up to \$5,900 per educator

\$1,000

Virtual stipend

\$2,000

On-site stipend

\$2,400

Housing

\$500

Transportation / travel

Budgeted maximum includes stipends, housing, and transportation. Housing and travel support are for eligible non-local educators. Support is subject to eligibility, program completion, required documentation, and university procedures.

WHAT YOU GAIN

Practical robotics skills. Explore MATLAB, Simulink, and QLABS digital twins, then connect models to measured hardware behavior.

Supervised laboratory experience. Investigate QUBE-Servo 3, Aero 2, QArm, and QBot activities.

Faculty and technical guidance. Receive support for software preparation, laboratory investigations, and troubleshooting.

Resources for your classroom. Develop lesson ideas, student activities, and an assessment and implementation plan.

PROPOSED 2027 SCHEDULE

Priority application deadline

January 29, 2027

Virtual phase

July 6-16, 2027

On-site phase

July 19-23, 2027

Dates are proposed. Final 2027 eligibility, support arrangements, and session times will be confirmed.

Apply to RAOP 2027

Planning edition • Applications are not yet open.

Scan for application information, eligibility, and current status. Share this opportunity with your school or educator network.

avrc-lab.org/apply/raop