



STEMSCI

STEM SKILLS CENTER FOR INNOVATION

YOUTH CAPSTONE PROGRAM

FOR HIGH SCHOOL STUDENTS

**SOLVE REAL PROBLEMS.
BUILD REAL SOLUTIONS.
SHAPE THE FUTURE**

A mentor-guided innovation experience for high school students passionate about science, engineering, medicine, and technology.

WHAT MAKES STEMSCI DIFFERENT



IDENTIFY THE PROBLEM



RESEARCH



DESIGN



BUILD & TEST



ITERATE & IMPROVE



PRESENT & IMPACT

EXPLORE YOUR INNOVATION PATH



ROBOTICS & AUTONOMOUS
SYSTEMS



BIOMEDICAL
ENGINEERING



ARTIFICIAL INTELLIGENCE
& DATA SCIENCE



MATERIALS
SCIENCE



LIFE SCIENCES &
BIOTECHNOLOGY



INTERESTED IN JOINING?

SUBMIT AN INTEREST FORM

Scan the QR code or click it to learn more and tell us about your interests. We will contact qualified students with the next steps.



INNOVATE TODAY. **IMPACT TOMORROW.**

Work with expert mentors. Use real-world tools. Create solutions that matter.

THE STEMSCI DIFFERENCE

STEMSCI provides high school students with the mentorship, resources, and freedom to tackle meaningful challenges and develop innovative solutions that make a difference.

You won't just learn STEM.

You will use it to **change the world!**

STUDENT OUTCOMES

- ✓ Design and build working prototypes
- ✓ Apply the engineering design process
- ✓ Conduct research and experimentation
- ✓ Submit an abstract for publication*
- ✓ present projects to experts and peers
- ✓ receive entrepreneurship coaching
- ✓ Develop leadership, communication, and
- ✓ problem-solving skills

* Contingent on acceptance of the abstract.

PROGRAM AT A GLANCE

 DURATION	Academic Year September to May
 TEAM SIZE	4 students per team
 MENTORSHIP	Engineers, scientists, researchers & industry professionals
 FINAL SHOWCASE	Present your innovation to experts, peers & the community
 ABSTRACT SUBMISSION*	Encouraged for competitions & publications

PROVEN IMPACT. REAL ACHIEVEMENTS

A STEMSCI-mentored capstone team, Anemo Dx, was the WA-01 winner of the 2025 Congressional App Challenge, a nationwide U.S. House of Representatives initiative recognizing student innovation that solves real-world problems.



ACCESS & OPPORTUNITY

STEMSCI is committed to expanding access through need-based scholarships and financial assistance for qualifying students.

- ✓ App displayed in the U.S. Capitol for one year
- ✓ Featured on **house.gov** and **congressionalappchallenge.us**
- ✓ Official recognition from Congresswoman Suzan DelBene's office
- ✓ Certificate of Achievement presented in person by Congresswoman
- ✓ DelBene (Jan 2006)
- ✓ Invited to #HouseOfCode at U.S. Capitol (April 2026)
- ✓ ARTS Act copyright registration fee waiver

READY TO TAKE THE NEXT STEP?

SUBMIT AN INTEREST FORM

Scan the QR code or click it to learn more and tell us about your interests. We will contact qualified students with the next steps.

