

# SWARMING POWERED BY NEUROSCIENCE

## WORKSHOP FOR HIGH SCHOOL STEM ACADEMY STUDENTS

JANUARY 11<sup>TH</sup> – 14<sup>TH</sup>  
4:30pm-6:30pm

- TAUGHT BY APL STEM AND TECHNICAL PROFESSIONALS

- ACCESS VIA ZOOM

- MUST HAVE SOME CODING EXPERIENCE

Attendees must have completed at least 1 STEM Academy programming course to attend workshop

- FREE, ONE-TIME ONLY OPPORTUNITY!

Learn how neuroscience is connected to programming robotic swarms!

STEM Academy students who have completed at least one course in programming (MATLAB, Python, UNITY, C++, etc.) are eligible to apply for this one-time only offered workshop taught by APL STEM and technical professionals. The workshop will teach the basics of Neuroscience and discuss how the field is applied to programming swarms of robotic agents. Students will participate in hands-on programming exercises where they control robotic swarms!

This is the perfect opportunity to stay engaged with APL STEM while STEM Academy is on break between Fall and Spring session. This is a free opportunity, and space is limited. It is expected that you attend all four workshop sessions via a laptop, desktop, or chromebook in order to participate in the programming exercises. Registration will be confirmed by January 1<sup>st</sup>.

APPLY TODAY:

[surveymonkey.com/r/NEUROWKSP](https://surveymonkey.com/r/NEUROWKSP)