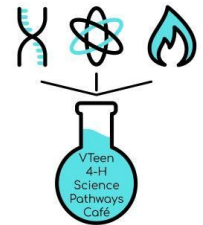




VTeen 4-H Science Pathways Café



TEEN SCIENCE CAFÉ
NETWORK



NASA Internship Research About the Space Suit

Tuesday, February 22, 2022, 7:00-8:00 pm

Open to all youth entering grades 7-12 in VT and across the country!

Register by 2/22 @ 6:00 pm to receive the Zoom link

@www.uvm.edu/extension/youth/announcements



Spacesuits are essential to allow astronauts to be able to go into space -- it is the only thing keeping them from the harsh environment of space! Astronauts go into space to explore, fix their spacecraft, and conduct scientific research, so their suits need to be able to support those functions. They need to be able to bend, reach, grab, and sometimes jump to accomplish these tasks.

Before a spacesuit can be used by an astronaut, every part has to be tested over and over to make sure it works. Tune in to discover some of the coding that went into the organization of the testing of the newest spacesuit, the Exploration Extravehicular Mobility Unit (xEMU)!

ABOUT OUR SPEAKER

Shaeleigh Strange is an undergraduate student at Norwich University (NU) studying mechanical engineering. She is part of Air Force ROTC and is going to commission into the United States Space Force as a developmental engineer in May. Shae interned for NASA in 2021 with the assistance of the Vermont State Grant Consortium. She is a part of the xEMU team, which is responsible for designing the next space suit to the Moon.

Questions? Contact lauren.traister@uvm.edu

Closed captioning will be provided for this program.

To request additional disability-related accommodation to participate in this program,

please contact the 4-H Office at 802-888-4972 or lauren.traister@uvm.edu

by February 1, 2022 so we may assist you.



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