



QuaranTEEN Virtual Science Cafes



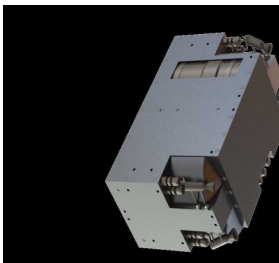
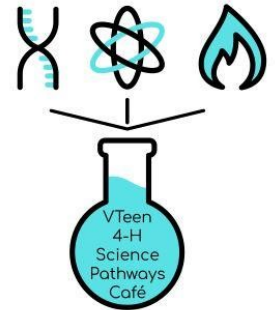
3... 2... 1... Liftoff!: Small Satellite Propulsion Systems

Wednesday, April 1, 2020, 3:00-3:45 pm

Open to all youth in grades 7-12

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

“Like” us @www.facebook.com/VTeen4HScienceCafe



It's rocket science, miniaturized! Come discover the new frontier of space technology: small satellites, and the engines that propel them. Tiny satellites are now enabling exciting missions from research to communications to earth monitoring and even interplanetary exploration. Technology miniaturization allows us to build smaller, lighter, and cheaper satellites that can be quickly built and deployed, making space more accessible for everyone. Explore how small satellites are built and used, and how tiny propulsion systems are enabling new types of missions and enhancing current ones.

ABOUT OUR SPEAKER

Madeline Pomicter is a native Vermonter who grew up dreaming of becoming a rocket scientist. She graduated from the University of Vermont in 2018 with B.S. degrees in neuroscience and mechanical engineering. She was introduced to SmallSat and CubeSat technologies during her time as a Mission Design Intern at NASA Langley, where she helped plan a mission to send a small satellite to Mars orbit. After graduation she joined Benchmark Space Systems as a Propulsion Engineer, designing propulsion systems for small satellites.

What is a Virtual Teen Science Café? It is a free, fun way for teens to explore science, engineering and technology with local scientists, engineers and technology experts. Teens will “meet a scientist”, learn about their work, and be able to participate in informal discussions.

Questions? Contact lauren.traister@uvm.edu

To request a disability-related accommodation to participate in this program, please contact the 4-H Office at 802-888-4972 or lauren.traister@uvm.edu by March 25, 2020 so we may assist you.