

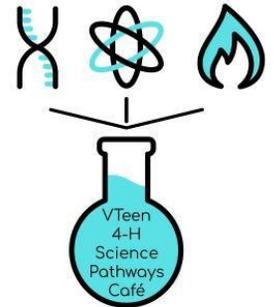


# VTeen 4-H Science Pathways Café



## Mapping the Earth from Above

Saturday, February 8, 2020, 5:00-7:00 pm  
University of Vermont, Davis Center, Mansfield Dining Room  
FREE pizza and drinks  
Open to all youth in grades 7-12  
Register@ <https://feb2020cafe.eventbrite.com> no later than February 5



From drones to micro satellites to 3D lasers scanners, we can map our planet from above in new and exciting ways. Come and learn the secrets of field of study known as “remote sensing.” You will get hands-on experience with cutting-edge drones, learn how to interpret satellite imagery that senses light that we as humans cannot see, and visualize Vermont’s hidden landscape in 3D.



### ABOUT OUR SPEAKER

**Jarlath O’Neil-Dunne** is the Director of the University of Vermont’s Spatial Analysis Laboratory. He uses imagery from drones, planes, and satellites to help understand our changing planet. On any given day you can find his team mapping New York City’s trees from 3D LiDAR scans to using drones to map flood damage.

**What is a 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 participate in informal discussions and hands-on activities to learn about different topics. And, there is always free food! Planned and run by teens for teens.

**Questions?** Contact [lauren.traister@uvm.edu](mailto: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](mailto:lauren.traister@uvm.edu) by January 24, 2020 so we may assist you.*