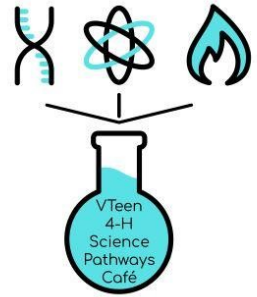




# VTeen Science Explorations



## Outsmarting the Outbreak: Keeping Diseases at Bay with Biosecurity

Wednesday, April 7, 2021, 3:30-4:45 pm

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

Register@ [www.uvm.edu/extension/youth/announcements](http://www.uvm.edu/extension/youth/announcements)

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In today's world, many diseases are no more than a plane ride away. COVID-19 is one such example of an emerging disease that spread very easily as a result of travel and movement. There are few vaccines and treatments for these diseases, but luckily, we already have a lot of tools to prevent diseases from entering populations- both animal and human- and they're simple ones we can use every day. As the world population grows, and ease of travel continues, we need these practices more than ever to keep us one step ahead of these sneaky invaders! How do we outsmart an outbreak? Join us to learn about the

concepts of biosecurity, some unique livestock and human diseases, and how we work to keep them at bay through case studies and real-life examples.

### ABOUT OUR SPEAKER

**Cari Reynolds** is a Ph.D. student in the department of Animal and Veterinary Sciences at the University of Vermont. She earned her undergraduate degree from the University of Scranton and Masters of Public Health from the University of Massachusetts Amherst. After nearly a decade of working in the pharmaceutical and rare disease drug industry and a brief stint in academic medicine, Cari returned to her agricultural roots to help bridge the gap between animal and human health. Her research interests include improving management strategies to reduce disease incidence and alternatives to antibiotic use in dairy calves.

**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](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 March 17, 2021 so we may assist you.*



[www.uvm.edu/extension/youth](http://www.uvm.edu/extension/youth)