Summer of Science

A Different Kind of Veterinarian: Veterinary Infectious Disease Epidemiology and One Health

Wednesday, July 22, 2020, 1:00-2:00 pm
Open to all youth entering grades 7-12 in VT and across the country!
Register@ www.uvm.edu/extension/youth/announcements
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We are currently experiencing a global pandemic of a disease that spilled over from animals into people. Since 2003, SARS-CoV-2 is the third coronavirus to be recognized as spreading from animals to humans. This outbreak can be described as a One Health issue. It is estimated that 60% of human diseases originated in animals. By exploring emerging infectious disease, participants will learn about the One Health approach to global health issues and especially zoonotic diseases, which are diseases that spread between humans and other animals. Join us at this café as we explore infectious disease epidemiology concepts and principles as well as introduce some common zoonotic diseases.

ABOUT OUR SPEAKER
A veterinary infectious disease researcher, John Barlow is an Associate Professor in the Department of Animal and Veterinary Sciences at the University of Vermont. Initially trained as a veterinarian, Dr. Barlow’s research training is in the area of infectious disease epidemiology. With this background, Dr. Barlow sees a critical need to strengthen infectious disease surveillance, laboratory capacity, and basic and applied research targeting pathogens that can be transmitted between humans and animals (zoonotic pathogens). John received a B.S. in Pathobiology from the University of Connecticut, a D.VM. from the University of Illinois, and a Ph.D. in infectious disease mathematical and molecular epidemiology from the University of Vermont. His research focusses on dairy cattle health, antibiotic resistant bacteria, and zoonotic diseases.

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 July 1, 2020 so we may assist you.