



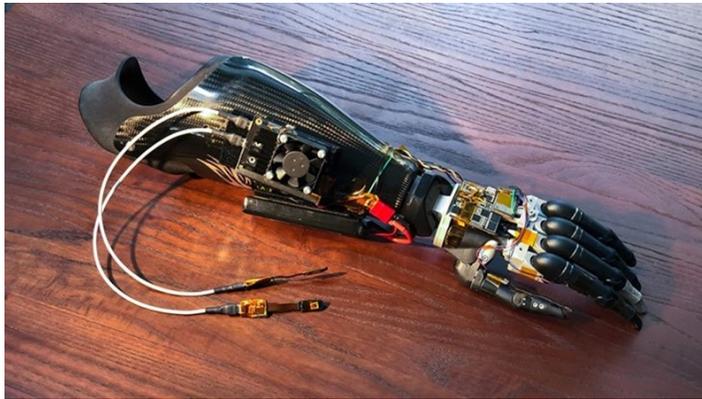
## VTeen 4-H Science Pathways Café



TEEN SCIENCE CAFÉ  
NETWORK

### Joining Neurology, Muscles and Machines to Enhance Health and Mobility

Saturday, April 15, 2023, 5:00-7:00 pm  
University of Vermont, Davis Center, Brennan's Pub  
FREE pizza and drinks; Open to all youth in grades 7-12  
Register@ [www.uvm.edu/extension/youth/announcements](http://www.uvm.edu/extension/youth/announcements)  
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Neuroelectronics Lab, University of Minnesota

Biomedical engineering offers a pathway for combining a desire to help others with an interest in engineering and technology. In this café you'll learn about the field of biomedical engineering, with a focus on emerging engineering solutions for neurological problems. Participants will explore three hands-on activities focusing on new treatments that expand patients' ability to interact with their environment after neurological injury or limb loss.

### ABOUT OUR SPEAKER

**Nic Fiorentino** is a biomechanist with a mechanical engineering background in solid mechanics and dynamics. His areas of expertise include biomechanics, orthopedics, and imaging. His long-term research goals are to improve the overall health and well-being of those who have suffered an injury and to reduce the burden from all disabling musculoskeletal conditions. He leads the Musculoskeletal Imaging and Orthopaedic Biomechanics (MIOB) research laboratory at UVM.

**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) no later than March 24, 2023 so that we may assist you.*



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