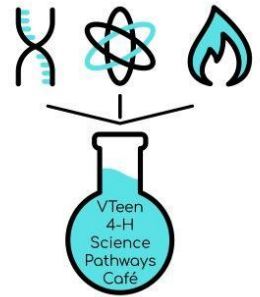




VTeen Science Explorations



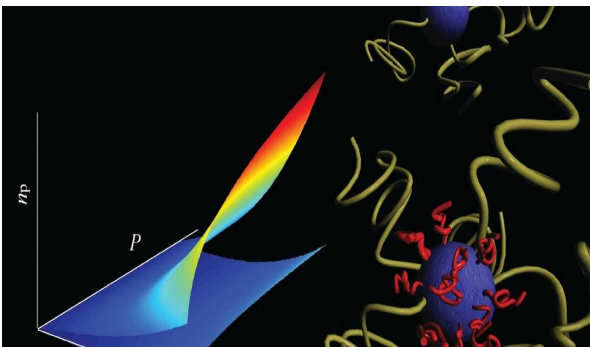
The Power of the Small: Why Nanomaterials are Unique

Wednesday, November 18, 2020, 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

"Like" us @www.facebook.com/VTeen4HScienceCafe



Computers are getting smaller and smaller and more and more powerful. Solar energy is becoming more efficient. We can transmit electricity at much higher voltages (and thus more efficiently). We are able to create medicines that release over longer times. We can create transparent, conducting, strong materials. These are examples of where nanotechnology and nanomaterials are having an

impact. Join us to learn more about this exciting field, and begin to imagine how you could build a material one molecule at a time.

ABOUT OUR SPEAKER

Dr. Linda Schadler is the Dean of the College of Engineering and Mathematical Sciences, and a Professor of Mechanical Engineering. She received her undergraduate degree from Cornell University and her doctorate from the University of Pennsylvania in Materials Science and Engineering. She taught at Rensselaer Polytechnic Institute for 22 years before coming to UVM. Her research started out in polymer composites (the materials in skis and skateboards), but she now focuses on nanocomposites. She has also been active in informal science education. Check out: Molecularium.com

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 November 1, 2020 so we may assist you.



www.uvm.edu/extension/youth

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