ECONOMICAL AND SUSTAINABLE MATERIALS STRATEGIC GROWTH AREA
VIRGINIA TECH™

Greetings from the ESM SGA at Virginia Tech!

It's been an exciting academic year for us, concluding with our first Materials Innovations and Instrumentation Expo. We wish everyone a relaxing and productive summer, and to those recent graduates: congrats on your success! To stay up-to-date on daily news, please follow our Twitter feed (@MaterialsSGA_VT)!

Virginia Tech to Join ISM Q Network

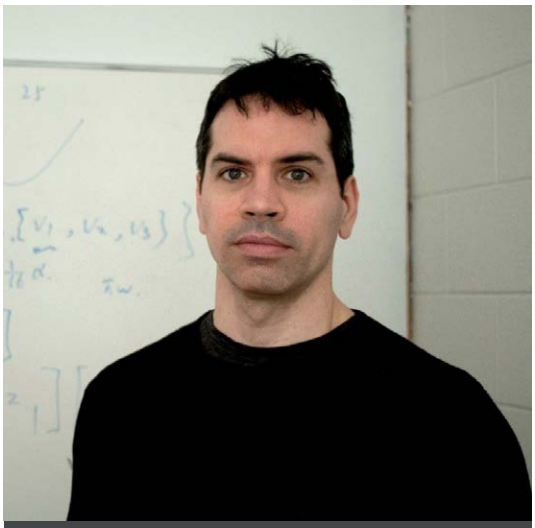
Faculty and students from Virginia Tech's College of Science and College of Engineering will collaborate with IBM scientists on research to advance the foundational science, technology, and software required to enable more capable quantum systems.

Learn More

Stakeholder Christopher Williams Receives Alumni Award

Congrats to Associate Professor of Mechanical Engineering Christopher Williams for receiving an Alumni Award for Excellence in Graduate Advising!

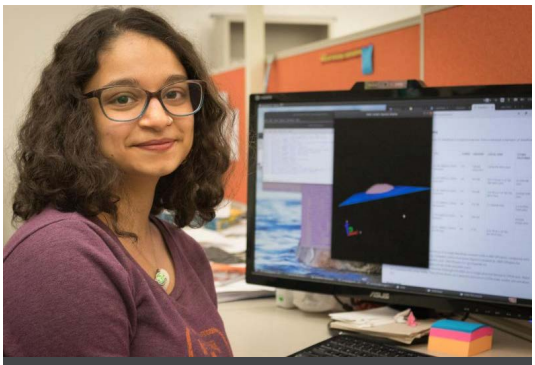
Learn More



Ed Barnes Receives NSF CAREER Grant

Assistant Professor of Physics Ed Barnes received an NSF CAREER Grant to create mathematical models for better understanding how electrical currents flow in topological materials.

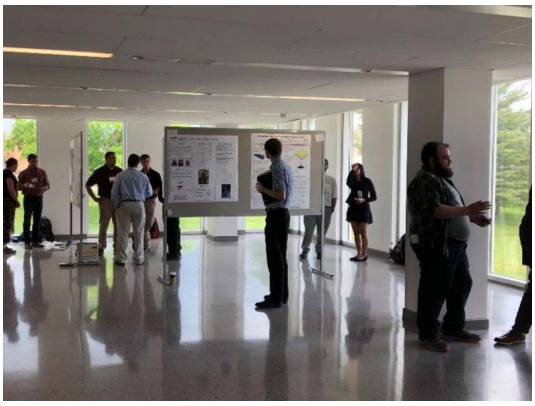
Learn More

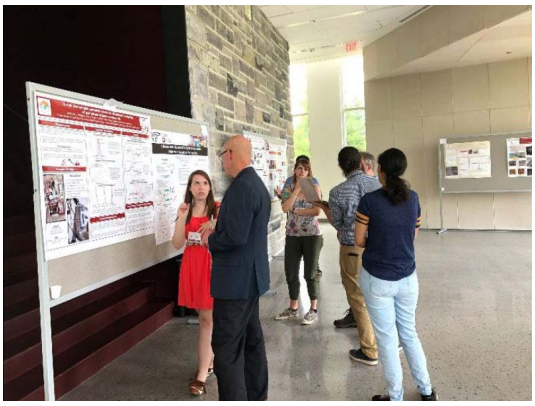


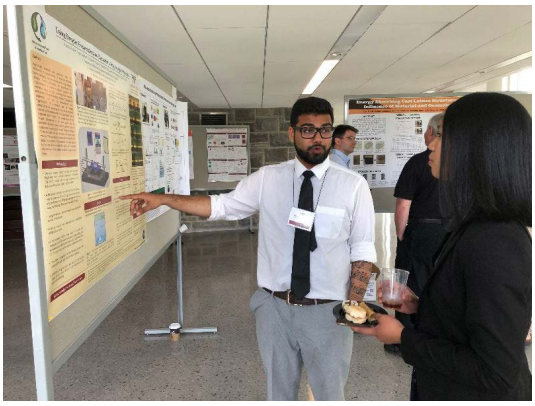
Undergraduate Preeya Achari Develops Model Critical to Creating Better Devices

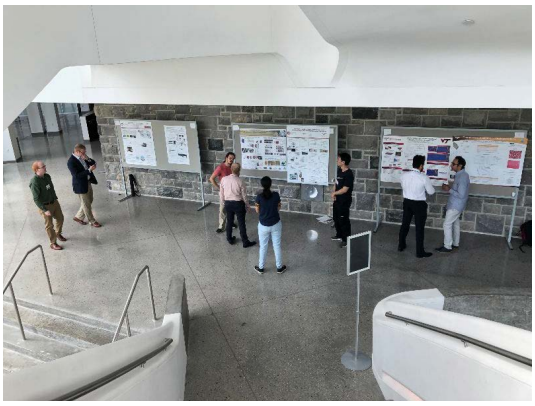
The Chemical Engineering undergraduate developed a new computational model to better understand the relationship between water and hexagonal boron nitride.

Learn More









Our inaugural Materials Innovations and Instrumentation Expo was a great success! Thank you to all those students and faculty who attended and presented, our two guest speakers--Dr. Thomas Watkins from ORNL and Dr. Robert Dimeo of NIST--and ESM SGA Program Manager Ann Norris and Stakeholder Alex Brand for their dedicated and tireless work in organizing this event.

The ESM SGA Spotlight

Highlighting our efforts to accelerate and fund Materials research.

Acoustically Active Biomaterials

Materials for Quantum Technologies

Advanced Electrolytes, Gels, and Nanocomposites for Energy Storage and Conversion