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ECONOMICAL AND SUSTAINABLE MATERIALS STRATEGIC GROWTH AREA VIRGINIA TECH™

Greetings from the ESM SGA at Virginia Tech!

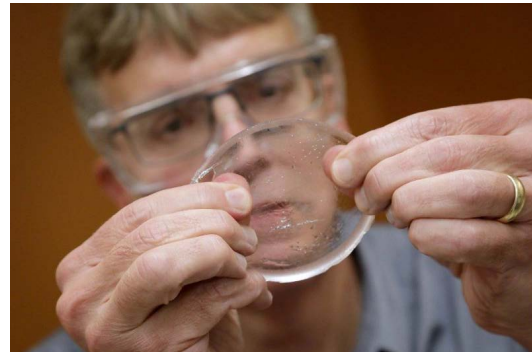
Happy 2019! The ESM SGA has been quite busy, and we would like to communicate our efforts to you with this, our first newsletter. We hope that our newsletters lead to the establishment of partnerships in support of Virginia Tech faculty, local companies, and the wider state of Virginia. Please follow our Twitter feed (@MaterialsSGA_VT) for daily news! -Amanda Morris, ESM SGA Faculty Lead



Economical and sustainable materials team furthers partnership

A team of 25 Virginia Tech faculty and graduate students recently traveled to Oak Ridge National Laboratory (ORNL) to further collaborations between Virginia Tech and ORNL

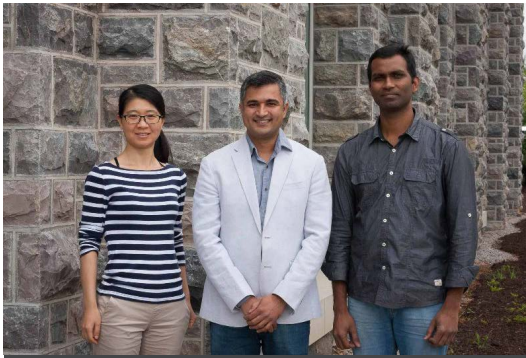
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New biomedical gel could ease pain in cervical cancer treatment

A unique partnership between a Virginia Tech scientist and a University of Virginia oncologist could result in a solution to reduce discomfort during cancer treatment for women.

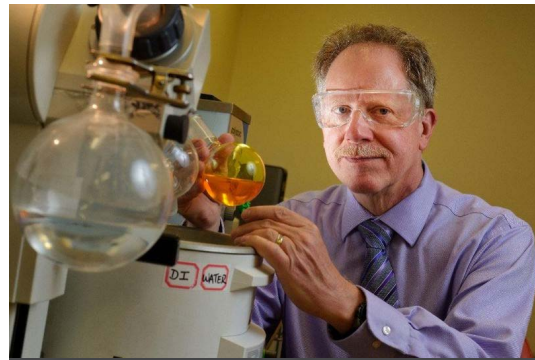
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New machine learning framework could lead to breakthroughs in material design

Assistant Professor Sanket Deshmukhof's team recently published computational research that could vastly improve efficiencies and costs savings of material design process.

[Learn More](#)



NSF awards two grants for polymer research

Two recent grants awarded by the National Science Foundation will help scientists in the College of Natural Resources and Environment create new ways to use renewably sourced plant and wood polymers.

[Learn More](#)

The ESM SGA Spotlight

Highlighting our efforts to share with the community.

What is the Economical and Sustainable Materials SGA?



Materials & Society Pathways Minor



Save the Date:

[Materials Innovations and Instrumentation Expo](#)

May 7th, 1pm-5pm, Moss Arts Center

Admission is free



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