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ECONOMICAL AND SUSTAINABLE MATERIALS STRATEGIC GROWTH AREA VIRGINIA TECH™

Greetings from the ESM SGA at Virginia Tech!

This month, our talented and rigorous faculty have published incredible research across the realm of material science. Read below to delve further into their findings, and to stay abreast of daily news, please follow our Twitter feed ([@MaterialsSGA_VT](#))!



Physics' Rana Ashkar receives Oak Ridge National Lab grant

Assistant professor of Physics, Rana Ashkar recently won a Ralph E. Powe Junior Faculty Enhancement Award from Oak Ridge Associated Universities (ORAU) - part of the Oak Ridge National Lab.

[Learn More](#)



Grant helps Virginia Tech scientists find new ways to use secondary logging materials

To better understand the challenges and potential gains of harvesting residues, Associate Professor Chad Bolding of @VTFREC will participate in a large-scale collaborative project with three other universities to examine forest residue collection across the eastern United States.

[Learn More](#)



Virginia Tech creates partnership to build center for frontier materials in India

Virginia Tech and one of India's leading private universities in Punjab, India, have agreed to a \$2 million investment to build a collaborative research center: the Thapar-Virginia Tech Center of Excellence in Frontier Materials.

[Learn More](#)



Timothy Long publishes pharmaceutical research

Director of the Macromolecules Institute, Timothy Long's recent publication compares, "linear and 4-Arm Star Poly(vinyl pyrrolidone) for aqueous binder jetting additive manufacturing of personalized dosage tablets."

[Learn More](#)

Materials Research Society Awards



The Materials Research Society Foundation is accepting submissions for nominations of talented researchers in the field. The ESM SGA is excited to provide help with nomination materials; **the deadline for nominations is August 1st.**

[Learn More](#)

A Tour of Oak Ridge National Laboratory



SGA Year In Review



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