Missouri S&T undergraduates to exhibit research to state legislators virtually

Posted by Peter Elzbrad
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Undergraduate students from Missouri S&T will exhibit their latest research projects virtually for the state's top legislators throughout the week of April 12.

The students, who work on research projects under the direction of faculty advisors, will participate in the annual Undergraduate Research Day at the Capitol, an event that welcomes undergraduates from all four campuses in the University of Missouri System. The event is designed to inform Missouri’s lawmakers about research at Missouri universities.

Missouri S&T places an emphasis on providing research opportunities to undergraduate students. The following students will represent S&T at the remote event:

— Nelson Colon, a junior in history from Manati, Puerto Rico, will present "The Shaping of the Mind – Symbols of Hate and the Resistance They Created." The work is directed by Dr. Shannon Fagg, interim associate dean for academic affairs in the College of Arts, Sciences, and Business, and professor of history and political science at S&T.

— Zachary Fouillo, a senior in biological sciences and chemistry from Imperial, Missouri, will present "Quantization of Phairimines in an Isocyclic Calulular Breast Cancer Model." The work is directed by Dr. Honglan Shi, a research professor in chemistry at S&T.

— James Kirley, a senior in chemical engineering from Wildwood, Missouri, will present "Recovery of Degraded Ni-Rich NMC911 Cathode Particles for Lithium-Ion Batteries." The work is directed by Dr. Xinhu Liang, an associate professor of chemical and biochemical engineering at S&T.

— Kari Knobbe, a senior in chemistry from Wildwood, Missouri, will present "Your Brain on Lockdown: The Stress-Control Connection and How to Remedy with Mindful Nutrition." The work is directed by Dr. Rainer Gaiser, chair and professor of chemistry at S&T.

— McKenzie Methley-Hines, a junior in chemical engineering from Kansas City, Missouri, will present "Development of High-Performance Electrode Materials for Supercapacitor Application through Combinatorial Electrodeposition." The work is directed by Dr. Manashi Nath, an associate professor of chemistry at S&T.

— Sara McCaslin, a senior in chemistry from Wildwood, Missouri, will present "Improving Access to Chemistry Education: Using Colorimetry to Teach Titration in a High School Chemistry Lab." The work is directed by Dr. Rainer Gaiser, chair and professor of chemistry at S&T.
About Missouri University of Science and Technology

Founded in 1970 as the University of Missouri School of Mines and Metallurgy, Missouri University of Science and Technology (Missouri S&T) is a STEM-focused research university of over 7,600 students and part of the four-campus University of Missouri System. Located in Rolla, Missouri, Missouri S&T offers 99 different degree programs in 40 areas of study, including engineering, the sciences, business and information technology, education, the humanities, and the liberal arts. Missouri S&T is known globally and is highly ranked for providing a strong return on tuition investment, exceptional career opportunities for graduates, and an emphasis on applied, hands-on learning through student design teams and cooperative education and internship opportunities. Missouri S&T is the top public engineering university of 2021 as ranked by College Factual. For more information about Missouri S&T, visit www.mst.edu.

--Ethan Prior, a senior in history from Mexico, Missouri, will present "From Bricks to Canvas: An Analysis of Berlin Wall Graffiti." The work is directed by Dr. Andrew Behmend, an assistant teaching professor of history and political science at S&T.

Gael, founding chair of biological sciences, dies

Wick Doll on Nuclear engineering’s role in S&T’s future

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David G. Stenstrom on Nuclear engineering’s role in S&T’s future

Upcoming events

Parent and Family Weekend

Sep 24 11am: Celebration of Nations gives area residents and Missouri S&T students the opportunity to experience and celebrate the vibrant cultural diversity that makes Rolla unique to the...

Missouri S&T Women’s Volleyball vs Rockhurst - Friends and Family Weekend

Sep 24 3pm: Missouri S&T Women’s Volleyball vs Rockhurst - Friends and Family Weekend

Streaming Video: http://gopets.com/event/7846714

Missouri University of Science and Technology

Sports Headlines

Penalty kick goal sends Miners to defeat at Rockhurst

Fast start sparks Miners to straight-set win over Cardinals

Miners drop first game of western road trip at Rockhurst

S&T softball team to host fall prospect camp on Oct. 16

Matchup with perennial D-I power part of Miners’ 2022-23 schedule

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