

Rose-Hulman Institute of Technology Professor Instilling Entrepreneurial Mindset as Engineering Unleashed Fellow

Kosta Popovic, PhD, is infusing more hands-on activities and Entrepreneurial Minded Learning opportunities for first-year students in physics studio courses.

TERRE HAUTE, IN, UNITED STATES, October 18, 2021 /EINPresswire.com/ -- [Rose-Hulman Institute of Technology](#) Assistant Professor of [Physics and Optical Engineering](#) Kosta Popovic, PhD, is among a select list of higher education STEM educators who are creating classroom and laboratory experiences that are instilling today's engineering students with an entrepreneurial mindset.



Kosta Popovic, PhD, Assistant Professor of Physics and Optical Engineering

Popovic has been named a 2021 Engineering Unleashed Fellow by a group of his peers and in recognition of his contributions to engineering education and, in particular, entrepreneurial engineering. This year's fellows include 27 faculty members from 22 institutions across America, all of whom participated in the Engineering Unleashed faculty development national workshop program.

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Each fellow has received a \$10,000 grant from the Kern Family Foundation to undertake educational projects that help students identify opportunities, be curious while solving problems, and create long-lasting value – enhancing the work engineers already do to become even more powerful agents of societal good.

Popovic will use the grant to expand efforts with Physics

and Optical Engineering Assistant Professor Dan Marincel, PhD, to infuse more hands-on activities and Entrepreneurial Minded Learning (EML) opportunities for first-year students in [introductory physics studio courses](#).

Those efforts were previously supported through a \$15,000 program transformation grant from the Kern Family Foundation that also involved Maarij Syed, PhD, professor of physics and optical engineering.

The logo for Rose-Hulman Institute of Technology is displayed within a red rectangular box. The text "ROSE-HULMAN" is in a large, bold, white, sans-serif font, with "INSTITUTE OF TECHNOLOGY" in a smaller, white, sans-serif font directly below it.

Rose-Hulman Institute of Technology

“Implementing EML lessons in first-year science courses are invaluable building blocks for all engineering students. That’s why we need to keep experimenting and assessing the impact of these educational practices so that we can make them readily available for instructors at Rose-Hulman and other STEM-oriented institutions,” said Popovic. In terms of prolonged impact, he also is “excited to learn from other Engineering Unleashed Fellows on ways to further promote EML into our courses.”

Engineering Unleashed is a community of more than 3,500 engineering faculty and staff from diverse universities across the United States, like Rose-Hulman, with a shared mission to graduate engineers with an entrepreneurial mindset so that they can create personal, economic and societal value through a lifetime of meaningful work.

A member of the Rose-Hulman faculty since 2015, Popovic strives to promote students’ mastery of scientific material through introductory level lecture- and lab-based courses that engage and challenge students. He also is a research/development-oriented physicist who has more than 10 years of experience in medical device academic research. Popovic earned a doctorate in physics from the University of Virginia after completing bachelor’s degrees in physics and mathematics from Hamilton College (New York).

About Rose-Hulman Institute of Technology

Founded in 1874, Rose-Hulman Institute of Technology is dedicated to preparing its students with the world’s best undergraduate science, engineering and mathematics education in an environment infused with innovation, intellectual rigor and individualized attention. The institute is consistently recognized nationally as an elite STEM school for distinctions that include faculty excellence, return on investment, value-added, and career services. Career placement is near 100 percent year after year. Located in Terre Haute, Indiana, Rose-Hulman has an enrollment of approximately 2,000 undergraduate students and nearly 100 graduate students. Learn more at rose-hulman.edu.

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