



SMU | LYLE
SCHOOL OF ENGINEERING

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THREE SMU LYLE SCHOOL OF ENGINEERING PROFESSORS RECEIVE 2019 SAM TAYLOR FELLOWSHIPS

DALLAS (SMU) - Three Lyle faculty members have been awarded **2019 Sam Taylor Fellowships**, which provide up to \$2,000 in funding toward research projects for full-time faculty at United Methodist-related colleges and universities in Texas. Jaewook Myung, Wenjie Sun and Jianhui Wang join a cohort record of 26 distinguished SMU faculty who have been awarded Sam Taylor Fellowship funding this year.

Applications were evaluated on the significance of the project, clarity of the proposal, professional development of the applicant, the value of the project to the community or nation and the project's sensitivity to value questions confronting higher education and society.

This is the second consecutive year Jaewook Myung, assistant professor, civil and environmental engineering, has received a Sam Taylor Fellowship. Dr. Myung will continue to study and find viable solutions for the environmental impact of biodegradable bioplastics, specifically focusing on their applications to 3D printing. The funding will support a research study conducted in the lab to evaluate whether biodegradable bioplastics can be an appropriate alternative solution for making 3D printing filaments and minimizing the quantity of plastic debris accumulating in the environment.

Wenjie Sun, assistant professor, civil and environmental engineering, aims to explore the interfaces between novel microbial and physicochemical processes, and manage their practical applications to provide service to the interdisciplinary nexus of water, energy, agriculture and the environment.

Jianhui Wang, associate professor, electrical and computer engineering, is the principal investigator for a multitude of energy-related research projects focused on smart grid, microgrids, power system operation and control, renewable integration, grid resilience and cybersecurity.

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About SMU

SMU is a nationally ranked private university in Dallas founded 100 years ago. Today, SMU enrolls approximately 11,000 students who benefit from the academic opportunities and international reach of seven degree-granting schools.

About the Bobby B. Lyle School of Engineering

SMU's Bobby B. Lyle School of Engineering, founded in 1925, is one of the oldest engineering schools in the Southwest. The school offers eight undergraduate and 29 graduate programs, including master's and doctoral degrees, through the departments of Civil and Environmental Engineering; Computer Science and Engineering; Electrical Engineering; Engineering Management, Information and Systems; and Mechanical Engineering. Lyle students participate in programs in the unique Deason Innovation Gym, providing the tools and space to work on immersion design projects and competitions to accelerate leadership development and the framework for innovation; the Hart Center for Engineering Leadership, helping students develop nontechnical skills to prepare them for leadership in diverse technical fields; the Caruth Institute for Engineering Education, developing new methodologies for incorporating engineering education into K-12 schools; and the Hunter and Stephanie Hunt Institute for Engineering and Humanity, combining technological innovation with business expertise to address global poverty.