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DISTINGUISHED FLUID FLOW RESEARCHER DR. PAUL S. KRUEGER APPOINTED CHAIR OF MECHANICAL ENGINEERING AT SMU LYLE SCHOOL OF ENGINEERING

DALLAS (SMU) – The Lyle School of Engineering announces the appointment of Dr. Paul S. Krueger as chair of the Mechanical Engineering department, effective June 1, 2019.

Dr. Krueger is a professor of Mechanical Engineering and holds a courtesy appointment with the Civil and Environmental Engineering department. He succeeds Dr. Ali Beskok, who will be returning to his role as professor in Mechanical Engineering.

“Dr. Krueger has achieved a remarkable record of collaborative leadership, innovative research and commitment to his students since starting his career at Lyle in 2002,” said Dean Marc P. Christensen. “He is highly regarded within Lyle, across campus, and throughout the scientific community. We are looking forward to his contributions and success in his role as department chair.”

Dr. Krueger's research in the Experimental Fluid Dynamics lab spans a wide range of fluid flow phenomena including squid locomotion, unsteady locomotion for micro-scale applications, unsteady fluid mixing, and fluid flows related to 3D printing. He is a recipient of several honors and awards, including the SMU Ford Research Fellowship, 2012; ASME North Texas Section Young Engineer of the Year Award, 2009; Outstanding Graduate Professor, Mechanical Engineering, Academic Years 2008 and 2009; and National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award, 2004.

Dr. Krueger has secured more than \$5 million in research funding; published 42 journal articles and 30 peer-reviewed/archival conference proceedings, with 938 citations; given 54 conference presentations and holds two U.S. patents, with several additional patents pending.

A registered Professional Engineer in the state of Texas, he is also a distinguished member of numerous professional societies and organizations, including American Society of Mechanical Engineers, American Institute of Aeronautics and Astronautics, American Physical Society, Society for Integrative and Comparative Biology, and American Association for the Advancement of Science.

Dr. Krueger is a past president of the SMU Faculty Senate (2017-2018), during which he also served on the SMU Board of Trustees. Active around the SMU campus, he fulfills key roles on many academic advisory committees and serves as faculty advisor for student clubs, including Pi Tau Sigma, the International Honor Society for mechanical engineers, and the Mustang Rocketry club.

Dr. Krueger has served as the SMU representative to the Texas Space Grant Consortium and as an SMU United Way Co-Chair. He has worked to advance educational approaches at both the college and pre-college levels, including writing a review for tablet PCs in the online magazine *Campus Technology* and contributing to an engineering curriculum for middle school students developed by the Infinity Project through the Caruth Institute for Engineering Education at Lyle. Dr. Krueger earned his B.S. in Mechanical Engineering from the University of California, Berkeley in 1997, and his M.S. and Ph.D. in Aeronautics from the California Institute of Technology in 1998 and 2001, respectively.

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About SMU

SMU is the nationally ranked global research university in the dynamic city of Dallas. SMU's alumni, faculty and nearly 12,000 students in seven degree-granting schools demonstrate an entrepreneurial spirit as they lead change in their professions, community and the world.

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.