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SMU LYLE ANNOUNCES DATES AND SPEAKER LINEUP FOR DOWNLOAD@LYLE LECTURE SERIES FOR SPRING 2019

DALLAS (SMU) – The [Lyle School of Engineering](#) at SMU is pleased to announce dates and speaker lineup for the Download@Lyle Lecture Series for Spring 2019. The Download events are an opportunity for industry professionals, educators and members of the university community to learn more about the research with impact occurring within Lyle. The spring semester’s featured speakers are Richard Duschl, Jessica Burnham and Nicos Makris, all respected experts in their fields.

On Feb. 6, Richard Duschl, executive director and TI Distinguished Chair in Engineering Education for the Caruth Institute for Engineering Education, will present *“Learning How to Learn & Learning How to Learn About Learning: Epistemic and Social Frameworks for Building & Refining K-16 STEM Education.”* As an expert in STEM education, Duschl’s research focuses on establishing and understanding science learning environments and the roles of teachers and students during inquiry and argumentation processes. He will take a look at how STEM education has progressed in the last century and consider how developmental, sociocultural and epistemological cognition frameworks provide guidance in models of teaching and learning.

On March 6, Jessica Burnham, director of the Master of Arts in Design and Innovation (MADI) program, will discuss *“A Case for Design: What is Human-Centered Design, how is it applied, and why does it matter to everyone?”* She will explore why Human-Centered Design is not simply the act of designing things with humans in mind, but is a craft, method, and field of research about why and how we design to be human.

The final spring semester Download@Lyle lecture on April 3 will be delivered by Nicos Makris, Addy Family Centennial Professor in Civil and Environmental Engineering. Makris is a leading authority on the reconstruction and preservation of ancient monuments and stone arches in areas with high seismic hazard. He will share insight on the topic, *“The Reconstruction of the North-East Corner of the Temple of Zeus at Nemea, Greece”* and the array of activities and challenges associated with reconstructing a fourth-century BC monument.

Established in 2014, The Download is an ongoing lecture series that is held the first Wednesday of every month during the fall and spring semesters from 7:30 a.m. to 9 a.m. in the Palmer Conference Center, located on the fourth floor of Caruth Hall. Breakfast will be served, and admission is free. For more information and to register, visit our [website](#).

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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.