



Nathan Crane

Mechanical Engineering Professor Nathan Crane named Fulbright Scholar

TAMPA, Fla. (April 28, 2014) Nathan Crane, associate professor of Mechanical Engineering, has been selected for a Fulbright Scholar Award to United Kingdom by the J. William Fulbright Foreign Scholarship Board. Professor Crane will spend the spring 2015 semester at the University of Sheffield's world class Centre for Advanced Additive Manufacturing (AdAM). While there, he will conduct research in collaboration with internationally recognized scholars.

Professor Crane's research focuses on developing technologies for manufacturing complex integrated systems. These products require the integration of structural, electrical, and thermal requirements. Additive manufacturing or 3D printing offers the possibility of integrating all these functions into single parts made by a continuous process. This approach has the potential to increase the performance, shorten the product lead times, and enable new levels of product customization.

The Fulbright scholar program is an international educational exchange program run by the U.S. Department of State. Each year it sends approximately 800 U.S. scholars to over 130 countries to teach and/or conduct research. As a Fulbright grantee, Crane will join the ranks of more than 300,000 distinguished Fulbright recipients over the past 60 years. Fulbright alumni have become heads of state, judges, ambassadors, cabinet ministers, business leaders, university presidents and Nobel Laureates.

-USF-

The University of South Florida is a high-impact, global research university dedicated to student success. USF is a Top 50 research university among both public and private institutions nationwide in total research expenditures, according to the National Science Foundation. Serving nearly 48,000 students, the USF System has an annual budget of \$1.5 billion and an annual economic impact of \$4.4 billion. USF is a member of the American Athletic Conference.

The College of Engineering at the University of South Florida is ranked at #72 among public institutions by U.S. News & World Report's 2015 engineering graduate school rankings. The college serves 4,600 students offering ABET-accredited undergraduate degrees in seven programs, as well as eleven master's and nine doctoral degrees. The College is actively engaged in local and global research activities with foci on sustainability, biomedical

engineering, computing technology and transportation and for the fiscal year 2013-14 had \$30.5 million in research expenditures. There are 124 tenured / tenure track faculty and 80 instructors and research faculty.