



“Shaping the Role of the Associate Dean at SDSU”

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Tuesday, March 8, 2016 – 10:15am-11:30am
Gold Auditorium, Bioscience Center

Abstract: The seminar will present an overview of my experience as a researcher, teacher and administrator. I will also address my approach to the roles and relationships that I will build as associate dean with the dean, department heads, faculty, staff and students..

Speaker Bio: Prof. Victoria Coverstone is a professor and associate head of undergraduate programs in aerospace engineering in the College of Engineering at University of Illinois at Urbana-Champaign. She is the director of the center for Advanced Research for the Exploration of Space. Within the center, students perform research in all things space-related. Specific areas include space mission design using both NASA and custom built software and multi-disciplinary aerospace systems engineering. Her students work on preliminary mission planning software with an emphasis on deep space missions whose propulsion systems may be nuclear-electric, solar-electric or solar sail. Within the center, two cubesat spacecraft are being developed and are among the small satellites that NASA has selected to fly as auxiliary payloads in the ELaNa program. One craft is a solar sail demonstration called “CubeSail,” and the other is a remote sensing satellite called “LAICE.”

Prof. Coverstone has worked for TRW (now Northrop-Grumman) as a space systems engineer (86-88) and at the Jet Propulsion Laboratory in their Mission Design Group (93) and Marshall Space Flight Center in their Advanced Concepts Office (15). She served as Associate Dean for Graduate and Professional Programs in the College of Engineering at Illinois from 2008-2014. Dr. Coverstone is a co-founder of CU Aerospace, a local aerospace company. Prof. Coverstone has received several teaching awards and has also been recognized for advising students and student groups. She is a fellow in AIAA and has served as the Associate Editor of the AIAA Journal of Guidance, Control and Dynamics, and as the Vice-Chair (2011-2012) and Chair (2012-2014) of the Council of Institutions (COI), University Space Research Association (USRA).