



UD-CCM Sponsored Seminar:

Engaging with DARPA

January 20, 2016 | 1:30pm

Room 106 | Center for Composite Materials
101 Academy Street, Newark, DE 19716

DARPA's mission is to make pivotal investments in breakthrough technologies for national security, thus catalyzing the development of capabilities that give the Nation new options for preventing and creating strategic surprise.

The Defense Sciences Office (DSO) is one of six technical offices at the agency. DSO identifies and pursues high-risk, high-payoff fundamental research initiatives across a broad spectrum of science and engineering disciplines including materials science, computing and autonomy, engineering design and manufacturing, physics, chemistry, mathematics and social science.

This presentation will give an overview of DARPA, working with DARPA and the Defense Sciences Office, and description of some of the current activities DSO's program managers are working on.



Dr. Stefanie Tompkins, Director, Defense Science Office, DARPA

Dr. Stefanie Tompkins is the Director of the Defense Sciences Office (DSO). DSO explores the constantly changing research landscape across the nation and the world to identify and accelerate potentially game-changing technologies for national security.

She has previously served as the DARPA Chief of Staff, as well as the Deputy Director of and a program manager in the Strategic Technology Office, where she developed and managed programs in advanced navigation systems, as well as optical element design and manufacture.

Prior to joining DARPA, Dr. Tompkins spent 10 years in industry, working first as a senior scientist, conducting research in planetary geology and spectroscopy, and eventually as the manager of a research and development center developing new approaches to imaging spectroscopy and data analysis. She has also served as a military intelligence officer in the U.S. Army.

Dr. Tompkins received a B.A. in Geology and Geophysics from Princeton University and a M.Sc. and Ph.D. in Geology from Brown University.