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MSEC SEMINAR AND COMMERCIALIZATION FORUM



INVITED SPEAKER:

Dr. KEN CASTER & Mr. ED LEE

“AFOSR – FUNDING OPPORTUNITIES AND COLLABORATION – WORKING WITH
DoD FUNDING AGENCIES”

January 24th, 2020

1:30 – 3:00 PM

RFM 3224

Biographies:

Ken Caster received a B.S. degree (*cum laude*) in Chemistry from Stetson University in 1979 and a Ph.D. degree in organic chemistry from Duke University in 1983. He then moved to the University of Florida as a National Institute of Health (NIH) postdoctoral fellow. In 1985, he joined Union Carbide Corporation where he performed exploratory research on homogeneous and heterogeneous catalytic processes. In 1994, he moved to Lord Corporation where he managed a Controllable Materials R&D program within the Materials Division. There, as principle scientist and inventor, he created an intellectual property portfolio centered on innovative olefin metathesis-based adhesion and coatings technology. In 2003, he spent one year at Duke University as a visiting scientist in the Center for Biological Inspired Materials and Material Systems (CBIMMS) before joining the US Army Research Office (ARO) to provide scientific support of the Polymer Science Program, Institute for Soldier Nanotechnologies (ISN), and Institute for Collaborative Biotechnologies (ICB). In late 2009, he moved to the Air Force Office of Scientific Research (AFOSR) as a program officer to create and manage a synthetic chemistry program. In 2012, he transferred to an international assignment in Japan at AFOSR's Asian Office of Aerospace Research and Development (AOARD) to manage Materials, Chemistry, and USAF-Taiwan Nanoscience Programs and serve as Technical Director. In 2017, he returned to AFOSR as Program Officer to manage the Organic Materials

FOR MORE INFORMATION OR IF YOU WOULD LIKE TO HAVE LUNCH WITH THE SPEAKER,
PLEASE CONTACT DR. SHANNON WEIGUM AT SWEIGUM@TXSTATE.EDU

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Chemistry research program. From 2007-2009, he was an adjunct Associate Professor in the Department of Chemical and Biomolecular Engineering at North Carolina State University.

Ed Lee received a B.S. for Business Administration in 1980 from Morgan State University in Baltimore, Maryland. Ed has worked in both the private as well as the federal sector, and simply considers himself a “businessman.” Ed has spent the past just over 19 years working for the US Air Force Office of Scientific Research as Program Manager for Historical Black College and University/Minority Institutions (HBCU/MI) programs with the budgetary responsibility of \$4.5M. Before working with ASFOSR, Ed was President and CEO of EJM Associates, as well as Personnel Director and Safety Officer for MTI Construction Co., Inc. Ed also published a book titled “The Soul of Man” in 2013.

Abstract:

The US Government funds basic and applied research across many disciplines using multiple funding agencies. This presentation will focus on processes used by the Air Force Office of Scientific Research (AFOSR) to fund domestic and international basic research projects that broadly address R&D activities within the Air Force Research Laboratories (AFRL). An overview of the AFRL structure will be provided to put the presentation into context. The presentation will focus on funding processes used by AFOSR but will also be relevant to other DoD funding agencies (Army Research Office, ARO; Office of Naval Research, ONR). The presentation will address topics related to the Broad Agency Announcement, BAA; white papers; proposal submission; funding timelines; program reviews; opportunities to collaborate with AFRL scientists and engineers, and communications all from the mindset of the program manager. The talk will also include a short description of AFOSR and OSD HBCU-MI programs and differences between them.

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