

NAVAL SCIENCE AND TECHNOLOGY

ENGR 3109: Navy STEM Professional Development Seminar

Wednesday, November 7, 2018

5:00 pm to 6:00 pm

UCONN, Storrs WW16 ~ Live Streaming to URI

“MARITIME APPLICATIONS OF STEM”


DESCRIPTION: Alion Science and Technology is a medium-sized defense contractor that provides consulting services to many customers in the maritime arena – both domestic and internationally. Dr. Johnson will provide some interesting examples of applications of a STEM education in the maritime arena ranging from oil spill response to alternative fuels to communications to alternative navigation systems.


DR. GREGORY JOHNSON, SENIOR PROGRAM MANAGER


ALION SCIENCE & TECHNOLOGY, NEW LONDON, CT

Dr. Gregory Johnson has a BSEE degree from the USCG Academy, a MSEE degree from Northeastern University and a PhD in Electrical Engineering from the University of Rhode Island. He spent 27 years in the US Coast Guard (active and reserves) before retiring as a Captain in 2014. This included tours as Operations Officer on a Buoy Tender in Hawaii and Commanding Officer of a Patrol Boat in Chincoteague, VA, leading the Advanced Communications section at the USCG Research and Development Center and teaching EE at the USCG Academy. As a researcher at Alion he has led a variety of projects for government, commercial, and International customers in the fields of electronic navigation, communications, and unmanned systems. These projects have involved requirements development, systems engineering, prototype development, test plan development and execution, and data analysis.

Upcoming Distinguished Seminars

 **ERIK BRINE**
Defense Science &
Technology Program
Examiner
OFFICE OF MANAGEMENT
& BUDGET, NAVAL WAR
COLLEGE
NOVEMBER 14TH @ 5PM
URI – AVD HALL 170

 **PIERRE CORRIVEAU &
SCOTT ALLISON**
Chief Undersea
Technologist, Director
of Engineering for
Seapower Business
RAYTHEON
NOVEMBER 28TH @ 5PM
URI – AVD HALL 170

 **BRANDON CASPER**
NAVAL SUBMARINE
MEDICAL RESEARCH
LABORATORY
DECEMBER 5TH @ 5PM
UCONN – STRS WW16

WEBSITE:

<https://navy-stem.uconn.edu/>

EMAIL:

ENGR-NavySTEM@uconn.edu

CONTACT:

Stephanie Wanne
Navy STEM Program
Administrator
Stephanie.wanne@uconn.edu

PHONE:

860.486.2429



UCONN
SCHOOL OF ENGINEERING

