

# NAVAL SCIENCE AND TECHNOLOGY

## ENGR 3109: Navy STEM Professional Development Seminar

Wednesday, November 28, 2018

5:00 pm to 6:00 pm

Storrs Hall Widmer Wing 16

(URI, Avedisian Hall 170 ~ Live Streaming to UCONN)

### “Undersea System Modeling”

**DESCRIPTION:** There’s an underlying physics and phenomenology layer that grounds all of our ideas – you can’t wish that an idea is valid, you must prove it through physics and engineering calculations. We explore how system engineering helps define models that help drive design decisions and reduce implementation risk. Additionally, we explore how Synthetic Aperture Sonar (SAS) is showing us the undersea world in High Def!

### SCOTT ALLISON, SEAPOWER DIRECTOR OF ENGINEERING

RAYTHEON

Scott has been at Raytheon for over 20 years and currently serves as the Director of Engineering for the Seapower Business Area within the Integrated Defense Systems division. During his time at Raytheon, Scott has held various positions in Engineering that include systems engineer, Integrated Product Lead for the Sonar System of the Zumwalt Program and Electrical Engineering Department Manager. Scott has over 25 years of industry experience. Prior to that, he served in the US Naval Submarine Force for 9 years. Scott holds a Bachelors of Computer Science degree from Roger Williams University.

### DR. PIERRE CORRIVEAU, CHIEF UNDERSEA TECHNOLOGIST

RAYTHEON

Pierre has been at Raytheon since 2015 and is currently the Chief Undersea Technologist within the Integrated Defense Systems Business Area. In that role, Pierre seeks to provide specific direction and guidance to the USW Enterprise Cross Business Leadership Team. Prior to that, Pierre worked for the Naval Undersea Warfare Center for 37 years where he held various positions including Chief Technology Officer. Pierre holds a Ph.D. in Mechanical Engineering and Applied Mechanics from the University of Rhode Island and a Master’s in Business Administration from the Sloan School at Massachusetts Institute of Technology.

## Upcoming Distinguished Seminars

 **Brandon Casper**  
Naval Submarine  
Medical Research  
Laboratory  
**December 5<sup>th</sup> @ 5PM**  
**UCONN – STRS WW16**

STAY TUNED!  
ANNOUNCING  
2019 SPRING  
SEMESTER  
DISTINGUISHED  
SEMINAR  
SPEAKERS  
SOON!

**WEBSITE:**  
Coming Soon!

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