

NAVAL SCIENCE AND TECHNOLOGY

ENGR 3109: Navy STEM Professional Development Seminar

Wednesday, April 4, 2018

5:00 pm to 6:00 pm

UConn, Storrs Campus – Laurel Hall 205

“TRANSPARENT OCEANS AND INVISIBLE SHIPS”

GENERAL DYNAMICS ELECTRIC BOAT

General Dynamics Electric Boat has been designing and building submarines since 1899, beginning with USS Holland, the U.S. Navy's first commissioned undersea warship. Over that time, the company has maintained its dedication to delivering the most capable submarines in the world by emphasizing technical excellence, innovation and responsiveness to customer requirements. This emphasis enables Electric Boat to consistently develop and integrate complex systems and to deliver a long line of first-of-a-kind ships to the Navy. While Electric Boat's primary focus is on submarines production, the company actively participates in markets adjacent to its core business, leveraging expertise and technical innovation to naval surface ship and commercial nuclear programs.

PRIYA HICKS, PROGRAM MANAGER FOR INDEPENDENT RESEARCH & DEVELOPMENT

GENERAL DYNAMICS ELECTRIC BOAT

Priya Hicks is currently the Program Manager for Independent Research and Development (IR&D) at Electric Boat, in charge of EB's portfolio of internal research and development projects. As part of her role for IR&D, Priya is actively involved in EB's partnership with University of Connecticut and University of Rhode Island to establish the National Institute for Undersea Vehicle Technology. She enjoys working with internal EB subject matter experts and showing them current research at the universities that could enhance the submarine's capability.

Priya joined Electric Boat in 2007 in hydrodynamics and has worked in ship signatures and fluid mechanics. In her role in engineering, Ms. Hicks was in charge of the control surface down selection process for the COLUMBIA Class. Prior to her current role in IR&D, Priya was the Stern Major Area Team Lead for the new COLUMBIA class submarine design. Priya has her Bachelor's in Aerospace Engineering from North Carolina State University and a Master's in Aerospace Engineering from Old Dominion University. Project with Australia. Mr. Mushen holds a B.S. in Environmental Science from the University of Massachusetts, Amherst. He is Level II certified at the Defense Acquisition University in Systems Planning, Research, Development and Engineering.

Upcoming Distinguished Seminars



Art Colling

Chief Engineer,
Maritime Systems,
ISR & Space Systems
UNITED TECHNOLOGIES
AEROSPACE SYSTEMS
(UTAS)

April 11th @ 5pm
Laurel Hall 205



Valery Godinez-

Azcuaga
Vice President,
Engineering & Product
Development
MISTRAS GROUP, INC.

April 18th @ 5pm
Laurel Hall 205

WEBSITE:

Coming Soon!

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