

EM496 Midshipman Independent Research Projects
Spring AY2011

"Analysis of in-situ turbulence data for application to tidal energy conversion in the coastal ocean"

2/c Christopher J. Duffy
Asst. Prof. L. Luznik

"Bioloid robot integration with military research"

2/c Spencer Ewing
Prof. A. Moran

"Design of a rotating cylinder wind tunnel model"

2/c Ryan Hess
Asst. Prof. J. Radice
Asst. Prof. C. Brownell

"Development of closed-loop force control and data acquisition capability for aspectrum fatigue testing of dental implants"

2/c Jonathan Monti
Assoc. Prof. S. Graham
Asst. Prof. J. Schubbe

"Laser detection system embedded composites"

2/c Allen Cowherd
Assoc. Prof. P. Joyce
Assoc. Prof. B. Jenkins

"Internal cavity flow analysis"

1/c Rishi Shah
CAPT M. Snyder, USN

"New techniques to measure intake and exhaust system pressure waves"

1/c B. Henning
Assoc. Prof. J. Cowart
Prof. R. Link

"The response of the MNCP5 model for the DT-702 thermoluminescent dosimeter to x-ray and cesium sources"

2/c Carl Steffer
Prof. M. Nelson

"YP Craft flow simulation"

1/c F. Roberson
CAPT M. Snyder, USN

"Ignition delay of toluene-hexadecane diesel fuel blends: an experimental and modeling study"

1/c Aaron Carr

Assoc. Prof. J. Cowart

Assoc. Prof. P. Caton

CAPT L. Hamilton, USN

"Corrosion cracking of 7075 and 7085 aluminum alloys"

1/c E. Arnold

Assoc. Prof. J. Schubbe

"Neutron detection from nuclear material using a USV platform in a littoral environment"

1/c K. Yanez

Prof. M. Nelson

Prof. M. Harper

CFD Modeling of Stores Separation from an F-18C

1/c M. Shea

CAPT M. Snyder, USN

"Effects of laser damage on polymer composites"

1/c Christopher Medford

CDR J. Watkins, USN

Assoc. Prof. P. Joyce