

# Center for Advanced Studies Lunchtime Scholarship Seminar Series

You are cordially invited to the Center for Advanced Studies (CAS) Lunchtime Scholarship Seminar on Friday, March 20 at the Officers' Club. Come hear about the research and scholarship being done by your fellow faculty!

LT Kimberly Young-McLear, from the Management Department, will be presenting: "Designing a Resilient Social Networking and Public Participation System for Large-Scale Disaster Response (SNAPPS)", a discussion of the challenges and opportunities of leveraging public participation through social media to enhance the National Incident Management System.

A social time will begin at 1145; you can use this time to catch up with fellow faculty from across the campus. The presentation will commence around 1210 and will conclude in time for everyone to make their afternoon classes.

Lunch costs \$7 and can be paid at the door. Lunch costs \$7 and can be paid at the door. Please RSVP by COB on Monday, March 16, 2015 to Dr. Evan Haglund ([evan.t.haglund@uscga.edu](mailto:evan.t.haglund@uscga.edu)).



## Presentation Abstract

Two fluid-structure interactions, Vortex-Induced Vibrations (VIV), and galloping, have been phenomenon of interest for decades, both due to their destructive power and, more recently, their potential for renewable energy extraction. The research presented will show that these are actually resonance phenomenon (good ol' mass-spring-dashpot example) when treated with a variable added mass.