2012 Naval Academy Science and Engineering Conference (NASEC)
(Agenda - as of pm on 1 November 2012)

**Sunday, 4 November 2012**

Attendees should arrive at the O’Callaghan’s Annapolis Hotel – Galway Room NO LATER THAN noon.

1200 – 1300: Conference check-in, luggage drop-off, and hotel roommate pairings

1300: Departure of USNA buses from the O’Callaghan Annapolis Hotel to the Naval Academy.
(Personal vehicles will not be allowed on USNA property. POVs must remain at the hotel.)

**Introduction to NASEC 2012 and Lunch: Rickover 102**

1330 – 1400: Discussion of NASEC 2012 format and goals, while attendees eat lunch

1400 – 1415: Formation and Introduction of Theme Working Groups (Prof. Brad Bishop)

1415 – 1425: Short break

**Session 1 (S1): Rickover Hall, Room 102**

1430: Welcome and Opening Remarks – Dr. Andrew T. Phillips
Academic Dean and Provost

*Subject Matter Expert Presentations*

Dr. Richard T. Carlin, Department Head of the Sea Warfare and Weapons Department of the Office of Naval Research (ONR)

1530 – 1610: **Water and Sustainability:** “Crisis, Conflict, Security, Sustainability: The Future of Water”
Dr. Michael E. Campana, Professor, Department of Geosciences, Oregon State University

1615 - 1630: “Stretch” Break with light snacks and beverages  (available in the Rickover lobby)

1630 - 1710: **Cyber Space and Security:** “The Pace of Change and Conflict in Cyber Power”
Dr. Samuel Liles, Associate Professor in the Computer Information Technology Department of the College of Technology, Purdue University

1715 - 1800: Discussions within Theme Working Groups in Rickover 102 and Rickover 103, followed by relocation to the Coppedge Room in Alumni Hall (MIDN Escorts)

**Session 2 (S2): Coppedge Room in Alumni Hall**

1815 - 2000: Working Dinner and Discussions within Theme Working Groups

2000: Depart to the O’Callaghan Hotel (via USNA bus; pick-up at Alumni Hall turn-around)
at the NASEC Conference Hotel (O'Callaghan’s):

~ 2030: Check-in, room assignments and luggage distribution from secured location at the hotel

**Monday, 5 November 2012**

**0630 - 0800**: Complimentary Continental Breakfast at the Hotel

**NLT 0815**: Depart the O'Callaghan Hotel for the Naval Academy (via USNA bus)

**0830**: Arrive at the Naval Academy (drop-off at Alumni Hall turn-around)

**Session 1 (M1): Rickover 102**

**0845**: **Welcome and Opening Remarks** – VADM Michael H. Miller, USN

Naval Academy Superintendent

**0900 - 1030**: **Keynote Address**: Dr. Subra Suresh, Director of the National Science Foundation

**After the address ends**: NASEC Reception with Dr. Suresh

(in Rickover Hall; NASEC 2012 badge required for entry)

**Session 2 (M2): Breakout rooms in USNA academic buildings**

**1045 - 1145**: Continue discussions within Theme Working Groups

**1150**: View Noon Meal Formation @ Tecumseh Court

**Session 3 (M3): Lunch in King Hall with the Brigade of Midshipmen & MidStore Visit**

**1200 - 1330**: Lunch with the Brigade of Midshipmen,

with time after lunch to shop in the USNA Midshipman Store (“MidStore”).

(MIDN Escorts will tour-guide. A NASEC 2012 badge is required for entry to the MidStore.)

**Session 4 (M4): Breakout rooms in USNA academic buildings**

**1330 - 1515**: Continue discussions within Theme Working Groups

**1515 - 1530**: “Pick Up and Go” light snacks and beverages (available in Rickover 102/103)

STEM Poster Session display in the Rickover Hall lobby (Prof. Angela Moran)

Move to the Hands-on/Minds-on Project locations. (MIDN Escorts will tour-guide.)

There are three different Hands-on/Minds-on Projects. Each NASEC attendee will have an opportunity to check-out two of the three projects. Details on project selection will be available at the start of this session.
**Session 5 (M5): Laboratories and Classrooms in USNA academic buildings**

**1530 - 1700:** Hands-on/Minds-on Projects (organized by Prof. Angela Moran)

(1) Midshipmen-Designed Water Purification System - Rickover Hall, Lab 56  
    Adjunct Professor John Schedel, Mechanical Engineering Department

(2) Alternative Fuels Combustion - Rickover Hall, Lab 55  
    Associate Professor Jim Cowart, Mechanical Engineering Department

(3) Cybersecurity - Rickover Hall, Lab 116  
    Associate Professor Chris Brown, Computer Science Department

**NLT 1705:** Depart for dinner in the Coppedge Room in Alumni Hall (MIDN Escorts)

**Session 6 (M6): Alumni Hall**

**1715 - 1900:** Working Dinner and Discussions within Theme Working Groups

**1930 - 2030:** **Forrestal Lecture:** Mr. Charles “Chad” O. Holliday, Jr.,  
    Chairman of Bank of America Board of Directors

**After lecture:** NASEC Reception in the Coppedge Room with Mr. Holliday

~ **2100:** Depart to the O’Callaghan Hotel (via USNA bus; pick-up at Alumni Hall turn-around)

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**Tuesday, 6 November 2012**

**0630 - 0800:** Complimentary Continental Breakfast at Hotel followed by check-out.  
    (Luggage: in personal vehicles or on the USNA bus. Do not leave any luggage in the hotel.)

**NLT 0815:** Depart the Hotel to the Naval Academy (via bus).  
    (Keep personal vehicles parked at the hotel.)

**0830:** Arrive at the Naval Academy  
    (via USNA bus; drop-off at Alumni Hall. **Important to remove all luggage from the bus.**)

**0830 - 0900:** Set-up the NASEC Poster Session in the Rickover Hall lobby.
**Session 1 (T1): Breakout rooms in USNA academic buildings**

0900 - 1015: Concluding discussions within Theme Working Groups

1015 - 1030: “Stretch” Break with light snacks and beverages (in the Rickover Hall lobby)

**Session 2 (T2): Rickover Hall, Room 102 and Lobby**

1045 - 1130: The Honorable Zachary J. Lemnios
Assistant Secretary of Defense for Research & Engineering (ASD(R&E))

1130 – 1200: Poster Session and Final Comments
(See the “Poster Session Guidance” link on the NASEC 2012 homepage.)

1300: Conference adjourns
(“Take along” box lunches will be provided.)

At 1300: A USNA bus will depart the Alumni Hall turn-around to transport attendees back to the hotel to retrieve their vehicles. After leaving the conference hotel, the bus will proceed to BWI airport to drop off attendees with departing flights. Approximate arrival time at BWI airport will be 1430 (at the earliest).