



# SENIOR SCIENCE SOCIETY

## NEWSLETTER Vol. 2, No. 2, January 2014

### NEXT GENERAL MEETING

17 February 2014; Harford Community College,  
Chesapeake Dining Hall South at 7:00 PM

Topic: The Engineering and Science behind the  
Chesapeake Bay Pollution Diet

Presenters: Craig Ward, Tory Pierce and William  
Baker of Frederick Ward Associates, Inc.

### DEMONSTRATION MODULES

One of the SSS President's objectives for the current program year is to "refine existing modules and develop three new ones" (bringing our total to 10). So, do you have ideas for one or more modules that you would like to develop and present at our school visits? Whether your concept is ready to go or you need advice on how to develop a module, please contact any of the Reconnaissance Committee members listed below:

Ed Schmidt, Chair, - [bigedschmidt@netzero.net](mailto:bigedschmidt@netzero.net)

Skip Albert - [ralbert@teamtsg.com](mailto:ralbert@teamtsg.com)

Ray McKay - [rmcmackay@comcast.net](mailto:rmcmackay@comcast.net)

Dave Webb - [porzana@comcast.net](mailto:porzana@comcast.net)

### UPCOMING EVENTS

Over the first six months of our 2013-2014 program year the SSS has had the greatest demand for our demonstration modules since our founding. Upcoming events in the next two months include:

❑ Edgewood Boys and Girls Club, Saturday, 1 February 2014, 9 AM, Sweet Sounds of Music, Rob Lieb

❑ STEM and Beyond Night at Aberdeen Middle School, Wednesday, 12 February 2014 6 PM Cataclips Module, Dave Webb; plus Display Table, Susan Luckan

❑ Edgewood Boys and Girls Club, Saturday, 15 February 2014, Mechanical Advantage, Dick Schwanke

❑ STEM and Beyond Night at South Hampton Middle School Wednesday, 19 February 2014 States of Matter, Rob Lieb; Triangles Al Horst and Fred Robbins; plus Display Table, Dick Schwanke

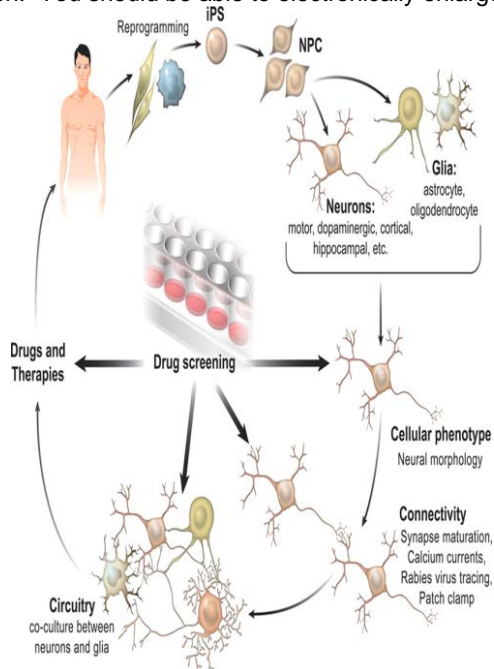
❑ Youths Benefit Elementary School, Friday, 28 February 2014, 9 AM, Egg Launch, Bruce Burns and Ed Schmidt

❑ Aberdeen Boys and Girls Club, Saturday, 15 March 2014, 9 AM, Egg Launch, Bruce Burns, et al

❑ Aberdeen Boys and Girls Club, Saturday, 29 March 2014, 9 AM, Civil Engineering, Dave Greenwood and Bruce Burns

At the NMTC sponsored "STEM and Beyond Nights" the SSS will have a display table with our banner in the gym. Assistance is needed to help staff that table for a couple hours. If you wish to participate in any of the above events please contact the chair of the Recon/Event Committee, Ed Schmidt at [bigedschmidt@netzero.net](mailto:bigedschmidt@netzero.net)

The featured speaker at the November General Membership meeting was by Dr. Harry Salem, Chief Scientist for Life Sciences at ECBC. His topic was "In Vitro and Stem Cell Technologies to Predict Human Toxicity and Pharmacology". The graphic below is a bonus feature in this newsletter, as it was one of the back-up slides, not actually shown on the screen. You should be able to electronically enlarge it to read.



Clarence Fry (left) reviews his notes and Dick Schwanke (center) examines the visual aids, as Bruce Burns (right) delivers the engineering lecture. This extreme action took place at the STEM Teacher Training Session at Harford Community College.