

# NE News

December 2, 2011  
An American Nuclear Society Publication

## Inside This Issue

- 1 Boy Scouts
- 1 Canned Food Drive
- 2 Student Conference
- 2 Meet the Undergrads
- 3 Upcoming Dates and Events

---

*"This badge gives scouts the chance to learn about the [nuclear] field through several activities..."*

---

## ANS @ UF to Help Boy Scouts Earn Nuclear Sciences Badge

The Boy Scouts of America achieves the objectives of developing character, citizenship and personal fitness through merit badges. One of the merit badges, a nuclear sciences badge, looks to explain how matter and forces interact. This badge gives scouts the chance to learn about the field through several activities including tours of nuclear facilities, nuclear science based lectures, and hands-on activities including construction of 3-D models of radioactive isotopes. Throughout the nation, ANS chapters participate in this learning experience and work with troops to enhance their knowledge of nuclear sciences and promote the nuclear field. This is a great opportunity for ANS @ UF to reach out to the local community through education. There are currently over 5 troops in the Alachua county area surrounding UF and ANS would like to participate with all. The section is looking to begin this activity in spring 2012 and is currently looking into how to make this program as successful as possible. For more information on this program, please visit <http://www.scouting.org/scoutsource/boyscouts/advancementandawards/~link.aspx?id=D28F76543C944F90B1CDA4D528686266&z=z>

## ANS Partners with SHMPS for Canned Food Drive

From November 1-16, 2011, ANS @ UF collected canned goods to donate to local food shelters for the holiday season. At the conclusion of the drive, ANS formally donated these canned goods to the society of health and medical physics students (SHMPS). These canned goods were given to local food shelters and distributed among those in need over the Thanksgiving holiday.

## ANS Begins Preparations for Student Conference at UNLV

The 2012 ANS student conference will be hosted at the University of Nevada-Las Vegas from April 12-15, 2012. ANS @ UF will be sending several students, including some who will be presenting their research. At this conference, like the Winter Conference, students will be able to network with professionals, utilities and vendors, and government agencies who may offer internships, co-ops, and full time positions. Several schools will also be present to talk with students about graduate school opportunities. This conference will give our students the opportunity to network and explore the city of Las Vegas.

### Meet the Undergraduates: Courtney Silver



Courtney Silver is a current 5<sup>th</sup> year senior in the Nuclear Engineering program planning to graduate with a BS in Nuclear Engineering in December 2011. Courtney is interested in nuclear materials and nonproliferation. She previously interned with Florida Power and Light in the probabilistic risk analysis group in Juno Beach, FL and hopes to obtain a position within this company after she graduates. Outside of nuclear engineering, Courtney enjoys staying active in her sorority, Phi Mu, participating in philanthropic causes and spending time with her sisters. She also enjoys dancing, yoga, and crafting. Courtney has enjoyed her time in ANS from 2009-2011 and as its secretary for the fall semester 2011 and hopes to come back to UF and see ANS flourishing.

### Meet the Undergraduate: Bryce Crosby



Bryce Crosby is a current 4<sup>th</sup> year senior in the Nuclear Engineering program looking to graduate in April 2012. Bryce is interested in Nuclear Power Systems, including the development of SMR's and digital controls and hopes to obtain a research position in the spring focusing on these subjects. Bryce is looking forward to an upcoming trip to Oak Ridge National Laboratory with Dr. Jordan and the ENU4505L class to get some hands-on experience in a professional lab environment. Outside of nuclear engineering, Bryce enjoys playing basketball and attending Gators sporting events including football and basketball. As the external vice president of ANS, Bryce looks forward to reviving ANS @ UF while working for the Glasstone award by volunteering with local charity organizations.

## Upcoming Dates

Holiday Break	Dec. 17-Jan. 9
ANS General Body Meeting	Jan. 17

## About ANS @ UF

*The American Nuclear Society Student Chapter at the University of Florida is an organization of Nuclear and Radiological engineering students dedicated to the promotion of nuclear science and technology for the benefit of humanity. The chapter is instrumental in informing the public of everyday radiological applications in an attempt to alleviate the common misconception of "fear" when it comes to radiation.*

*Nuclear science and technology is integrated into our everyday lives in many ways. Not only does over 20% of our nation's electricity come from nuclear power, but last year over 12 million lifesaving radiological medical procedures were performed in this country alone. Irradiation can make food safer to eat and mail safer to open. Also many of the products we use in everyday life rely on nuclear techniques for quality control measurement and production. Even the white poinsettias we see during the holiday season have been produced via the irradiation of seeds.*

American Nuclear Society  
202 Nuclear Sciences Building  
Gainesville, FL 32611

Questions? If you would like to join ANS or help with the newsletter, please contact Madison Martin, Secretary, at [memartin@ufl.edu](mailto:memartin@ufl.edu)

