



Nuke News

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An American Nuclear Society at UF Publication

ANS Spring 2013 Announcements

by Diego Garcia

The ANS student executive board is thrilled to announce to our faculty, student members, staff, sponsors, and alumni our plans for the 2013 spring semester. Each member of the executive board has been working tirelessly to truly make this semester an exciting and rewarding experience for all involved.

To begin with, the external affairs committee is organizing a recruitment energy fair to be hosted with AREVA on February 21st from 4 to 7 p.m. AREVA's head talent recruiter will be visiting with several other members of her staff; the recruitment team is looking for enthusiastic students interested in internship and job opportunities with AREVA. AREVA will also be bringing exhibits of their new technologies, including a spent fuel pool submarine and a steam generator inspector crawler probe.

We also have a number of very exciting social events planned for this semester. Patrick Moo and Pablo Vaquer will be hosting weekly poker nights on Fridays at 5:30 p.m. Our section will also be having an ANS Bowling social at the Reitz Union in March. If you are interested in attending either event please be alert for Facebook events containing the details.

In addition, this spring the communications committee will be revamped to have a more active role in local media. We will be working with the Energy Information Center to publish several op-ed pieces in the Alligator, Gainesville Sun, and our hometown newspapers.

At the end of the semester we will be having an ANS banquet for students, teachers, and staff. The faculty members have agreed to award one undergraduate and graduate student "Outstanding Student Awards." Our student section will also be awarding a faculty member with a "Best Teacher Award." The event is tentatively planned for April 24 at 6 p.m. in the Grand Ballroom. The internal events committee will be spearheading this event.

Last but not least, our webmaster, Pablo Vaquer, has launched our student section website! It can be found on <http://ansgators.wix.com/home>. All important information regarding events or activities will be published on our website.

The American
Nuclear Society
and AREVA present

**AREVA Recruitment
Energy Fair**

February 21, 2013
4:00 p.m. - 7:00 p.m.
Grand Ball Room C

What we generate:
American clean-energy
solutions.

What we create:
Thousands of
American jobs.

*You will have a chance to interact with AREVA talent recruiters
and witness AREVA energy technology first hand.*



Internship Opportunities

Nuclear Energy Institute: Applications for internships with the Nuclear Energy Institute (NEI) are due February 15, 2013. Applications are available at the website link posted below. www.nei.org/aboutnei/Employment/Internships

AREVA: AREVA has a position open for a paid internship this summer in the Licensing department of their Lynchburg offices. For more information and to apply, please email your resume to Jen Musgrave at jmus@ufl.edu. (Jen is an NE UF grad who just started working with AREVA this January).

Upcoming Dates and Events

ANS Meetings (5:30 pm, NSC 227)

- February 20, 2013
- March 20, 2013
- April 17, 2013

AREVA Recruitment Energy Fair (4-7 pm, Reitz Union Grand Ballroom C)

- February 21, 2013

ANS Local Section Dinner

- March 19, 2013

ANS Student Conference (MIT)

- April 4-6, 2013

ANS End of the Year Banquet (6:00 pm, Reitz Union Grand Ballroom)

- April 24, 2013

Westinghouse Fuel Fabrication Facility Tour

by Chelsea T. Collins

On January 10, a group of ANS students traveled up to Columbia, South Carolina, for a tour of one of Westinghouse's fuel fabrication facilities. The group left early Thursday morning to begin the long drive to SC, arriving just in time for the 1 pm tour.

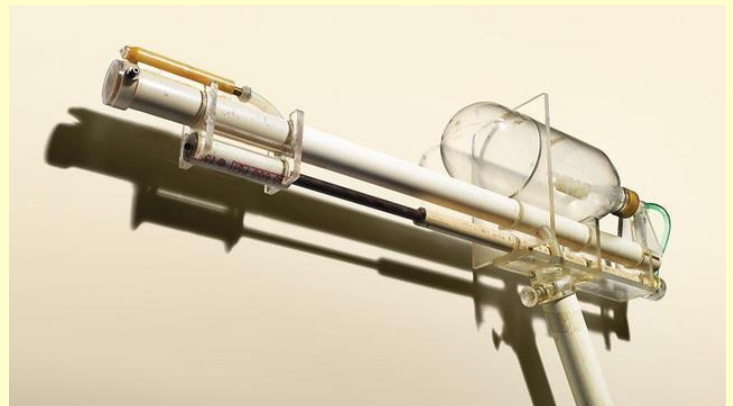
After a safety briefing, the members were divided in to two groups. One group toured the chemical side of the plant, which was where the fuel pellets and rods were produced before being sent to the other half of the facility, where final inspections took place before the rods were placed in to assemblies and packaged for shipping to the numerous utilities which use the Westinghouse fuel.

Following the tours, ANS members had a question and answer session with Gator NE grad Bob Buechel, Westinghouse's Vice President of Fuel Engineering. The ANS group stopped in Savannah, Georgia, for dinner before heading back to Gainesville that night.

Nuclear Fun Fact

by Patrick Moo

The Super Soaker was invented in 1982 by Nuclear Engineer Lonnie Johnson. He got the idea from his work on a new heat-pump system that would use moving water to regulate temperature. He used a model of the pumping mechanism as a basis for his first prototype.



Announcements

Crystal River Tour: Due to the recent announcement from Progress Energy that they will be closing the Crystal River plant, the tour scheduled for this Spring has been canceled.

AREVA Recruitment Energy Fair: AREVA's recruitment team will be hosting a recruitment energy fair in the Reitz Union Grand Ball Room C on February 21 from 4-6 pm.

ANS Student Conference: The 2012 ANS Student Conference will be held in Boston, MA, from April 4-6 this spring. For more information concerning the conference, visit meetings.ans.org/student2013/home.

ANS Website: Thanks to Pablo Vaquer, we now have a website! Please feel free to visit us at <http://ansgators.wix.com/home>.

ANS on Facebook: Join the ANS at UF group on Facebook to stay updated on all ANS at UF's activities and events. Dr. Baciak has also created a Facebook page for the Nuclear Engineering Program at UF to update students and alumni on the NE Program at UF.



ANS members toured the Westinghouse Fuel Fabrication Facility in South Carolina on January 10.

**Go Gators.
Go Nuclear.**

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. This chapter is instrumental in informing the public of everyday radiological applications.

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If you would like to join ANS or have questions or comments, please contact Chelsea T. Collins, Secretary, at ufl.ans.secretary@gmail.com.

