

NE News

February 1, 2012

An American Nuclear Society Publication

Navy Presentation @ ANS UF General Body Meeting

Inside This Issue

- 1 Navy Presentation
- 1 Announcements
- 2 ORNL Trip
- 2 Member Spotlight
- 3 Updates
- 3 Upcoming Dates and Events

At the January 25, 2012 ANS meeting two representatives from the US Navy presented on the Nuclear Propulsion Officer Candidate Program (NUPOC). Caleb Whines, a member of NUPOC, speaks to many schools and students about the successful and rewarding future they can have in the Navy. NUPOC is a program looking for US citizens with a GPA over a 3.0 to work as officers in the Navy. Selected candidates could be paid while still in college and are required to serve 4-5 years in one of four different positions:

Nuclear Power School Instructor: responsible for instructing Navy personnel from enlisted men and women to other officers

Submarine and Surface Warfare Officers: 5 year commitments that vary from being out at sea and in port, responsible for managing the nuclear reactors and addressing technical problems that arise on the submarines and ships in the Navy's fleet

Naval Reactors Engineer: responsible for overseeing the Navy's nuclear program at Washington DC headquarters, includes working on the cradle to grave management of the Navy's nuclear materials, highly competitive (only 15 people are hired to this position per year)

All of these positions receive competitive pay and opportunities for raises. Also, the Navy encourages officers to continue their education and may pay for further graduate education. If you are interested in learning more about the Navy or have any other questions, please contact Lieutenant Lincoln Schneider, the local NUPOC recruitment contact and University of Florida alumni.

Lieutenant Lincoln Schneider

Office: Weil 315

Office Hours: Tuesdays and Thursday 11:00-2:00

Email: Lincoln.schneider@navy.mil

Phone: 352-337-2815

Announcements

ANS National Elections: The 2012 ANS election balloting will open on March 12, 2012 and close April 24, 2012. In the meantime, you can find the 2012 ANS national election slate here.

<http://www.new.ans.org/about/election/candidates.php>

Internships: Now is the time to start finalizing applications for summer internships. UF Career services sends out notices of internships which are generally forwarded to nuclear list serves. If you have not joined the nuclear listserves, please do so to stay up to date!

Scholarships: In addition to internship opportunities, scholarships are circulated to UF listserves. Check out Nuclear Energy University Programs:

<https://inlportal.inl.gov/portal/server.pt?open=512&objID=600&mode=2>

Student Conference: 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. Registration Opens: February 15, 2012. Please see link below for more information.

<http://www.unlvans.org/>

UF NE Class to Visit Oak Ridge National Laboratory



As part of the curriculum for ENU 4505L - Nuclear and Radiological Engineering Laboratory I, students will be visiting the Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee, the second week of March. This trip consists of a week-long training session at the Safeguards Lab (SL) at Oak Ridge, and will include hands-on testing of the numerous pieces of radiation measurement equipment available in the lab. There will also be training provided pertaining to nuclear safeguards methods and procedures. Upon completion of the trip, the students will be presenting about their experiences as part of their regularly scheduled class.

Member Spotlight: Kayla Alumbaugh

Q: Tell us a little about yourself.

A: I am a senior nuclear engineering student at UF. I will be graduating in May with my Bachelor's in Nuclear. I'm on the ANS Board of Governors. I'm from Inglis, FL, and I graduated high school in 2008.

Q: What are your plans after graduation?

A: I recently accepted a job offer from Progress Energy to work at the Crystal River nuclear power plant starting in June. I will be working as an entry level engineer (Level 3 Engineer.)

Q: Why did you choose nuclear engineering?

A: Most of my teachers in high school suggested it and I thought it sounded good. And I wanted to go to UF because it's the only school worth going to.

Q: Any advice for current students?

A: Apply for internships! My two internships at the Crystal River power plant helped me to get my job offer.

Q: Where do you see yourself in ten years?

A: As a lead engineer or senior reactor operator at Crystal River 3 or another facility.



Q: If you could go anywhere in the world, where would it be and why?

A: Greece, because I've always wanted to visit the ancient architecture.

Updates

Boy Scouts/Public Outreach: A committee has been formed and will be meeting in the near future on how to implement these educational activities successfully. If you are interested in going this committee please contact Madison Martin at memartin@ufl.edu.

Engineering Fair: UF is having an Engineering Fair where the UF ANS chapter has an opportunity to host a booth on nuclear engineering. A committee has been formed to represent ANS at this fair. If you are interested in joining this committee please contact Andrew Cartas at andrewcartas@gmail.com.

Upcoming Dates and Events

ANS General Body Meeting	February 8 th , 2012 (5pm NSC 227)
Boy Scouts Committee Meeting	February 2 nd , 2012 (3:30pm NSC 227)
ANS General Body Meeting	February 22 nd , 2012 (5pm NSC 227)
ANS National Elections	March 12 – April 24, 2012
ANS Student Conference	April 12 – 15, 2012 (UNLV)

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