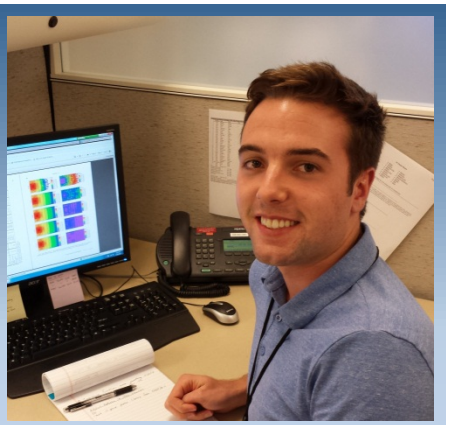
American Nuclear Society
Northern California Section

Dinner Meeting Announcement

A Nuclear Industry Intern's Experience in Radiation Transport & Dry Fuel Storage



Thursday, September 25, 2014

Garrett Baltz, University of California, Berkeley
Westinghouse Electric Company

An internship is one of the best ways to gain exposure and experience in an industry, while at the same time augmenting what you are learning in university courses. This presentation will discuss the projects that I was able to work on during my recent summer internship, which offered me valuable experience in the radiation engineering and analysis field. One of the projects that will be discussed is using MCNP and a new automated variance reduction code to reduce uncertainty/error in Power Reactor radiation shielding calculations. The second project discussed will offer insight into the increasingly important topic of dry fuel storage through the development of a tool for calculating external dose rates.

Garrett Baltz is currently a third year undergraduate student in the Nuclear Engineering department at University of California, Berkeley. He participated in a summer internship with Westinghouse Electric Company, working with the Radiation Engineering and Analysis team performing MCNP simulations for dry fuel storage cask systems and reactor shielding, as well as developing tools for calculating external dose rates for dry fuel storage casks. He is interested in medical physics as well as other areas and applications of radiation transport.

ANS members and non-members welcome.
To make reservations visit:
http://local.ans.org/norcal/meetings
or contact: Tim Lloyd,
ANS NORCAL Program Committee Chair
Email: lloy1tm@westinghouse.com

Dinner: 6:30 p.m.
Program: 7:30 p.m.
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