

**Purdue University**  
**Schools of Nuclear Engineering and Health Sciences**  
**Nuclear Regulatory Commission (NRC) Scholarship**  
**2008 Scholarship Information and Instructions**

**Objective:** To recruit, retain, monitor and mentor undergraduate students of high academic ability and performance in the nuclear engineering and radiological health science (health physics) programs so that they graduate to become career professionals and leaders in the nuclear power sector and government regulatory bodies for this industry.

**Impact:** The nuclear power sector in the USA has had little growth over the past few decades and the consequent lack of career opportunity led to a decline in undergraduate student enrollment in nuclear engineering and health physics programs across the nation, causing some programs to close. However there is expected to be a nuclear power renaissance in our country attributable to global climate change and international political tensions requiring the country to assure a homeland generated safe, secure and sustainable energy supply to meet the nation's present and future power needs. One of the difficulties faced by this renaissance is the aged population of experienced professionals in the nuclear power sector who are expected to retire over the next ten years. It is important to support the entry of new professional blood into the nuclear sector that are academically talented and high performing individuals capable and prepared to step into professional leadership positions within the nuclear power and related industry. The NRC scholarship program at Purdue University provides an incentive to improve the number and quality of undergraduate students entering its nuclear engineering and health physics programs and places them on a trajectory for career success and leadership within the nuclear power sector.

### **Number and Size of the Scholarships**

- In-state tuition and fees (\$7,750, not including engineering differential fee)
- As appropriate, \$650 for the engineering differential fee
- Minimum stipend of \$18,400 per student for one year
- We expect to award 4-8 scholarships in the 2008-2009 academic year

### **Recipient Obligations**

All scholarship recipients must

1. Remain and matriculate in the degree program for the field of study for which the scholarship was approved (i.e., Nuclear Engineering or Radiological Health Science)
2. Maintain satisfactory academic progress in the recipient's field of study
3. Maintain a course load of at least 12 credit hours per semester as a full-time student in good standing
4. Serve 6 months in nuclear-related employment for each full year of academic support. The employment may be with nuclear-related industry, State agencies, Department of Energy laboratories, the NRC or other Federal agencies, or academia in the recipients' sponsored fields of study.

If a recipient fails to maintain satisfactory academic progress, the scholarship will be terminated and the recipient could be obligated to repay the NRC the full amount of the scholarship/fellowship. If a recipient receives any subsequent scholarship(s) through this program, the service obligation periods will be consecutive.

At the discretion of the NRC, the service obligation period may be delayed to allow the recipient to continue a subsequent degree program immediately following that sponsored under this program. For example, if a recipient receives a scholarship to earn a baccalaureate degree, he/she may request and be permitted to delay fulfilling their service obligation until after they complete a subsequent terminal degree program. Any such requests must be made to the NRC before a student enrolls in a subsequent degree program. If a student enrolls in a subsequent degree program before or without NRC approval, and the NRC does not subsequently approve the request, the NRC will not be held liable for any expenses incurred to dis-enroll, or for failure to otherwise meet the terms of this service obligation. Recipients only incur a service obligation to NRC for funded periods of study.

If a recipient voluntarily leaves the employment of an approved employer in a field related to nuclear power during the period of obligated post-academic service, the recipient may immediately become liable to the U.S. Government for repayment of the entire amount of the assistance provided under the scholarship for which the service obligation has not been fulfilled.

## Application Timeline

**Friday October 24:** Hold an information session about the application process (CIVL 2113 from 11 am to 12 pm)

**Monday October 27:** Post NRC application form on the websites for the School of Health Sciences (<http://healthsciences.purdue.edu/>) and School of Nuclear Engineering (<https://engineering.purdue.edu/NE/>)

**Friday November 14:** Return the completed application form to Dr. Robert Stewart (trebor@purdue.edu) or Dr. Tatjana Jevremovic (tatjanaj@ecn.purdue.edu) by 5 pm.

**Week of November 17:** Selection panel composed of two faculty from Health Sciences and two faculty from Nuclear Engineering meet, review and rank the applicants.

**Week of December 1:** Applicants notified of outcome (specific \$ amounts assigned).

**Friday December 12:** Applicants must accept in writing the scholarship and provide a copy of the signed NRC service agreement and a resume to Professors Jevremovic or Stewart.

**Spring 2009:** Scholarships awarded

## Additional Information

For Additional information about the NRC Scholarship program, please contact

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