Nuclear Regulatory Commission (NRC) Supported Scholarship Funding for the University of Utah Nuclear Engineering Undergraduate Students

2015-2017 Nuclear Engineering Scholarship Award Program (NESAP)

Application Summer 2016

From the NRC web-page: http://www.nrc.gov/about-nrc/grants.html#sf

Funding under this program includes support for education in nuclear science and engineering, to develop a workforce capable of supporting the design, construction, operation, and regulation of nuclear facilities and the safe handling of nuclear materials. NRC only awards grants directly to accredited U.S. institutions of higher education and does not award individual scholarships or fellowships. Individual students cannot apply directly to NRC for scholarships or fellowships. As a condition for receiving scholarships or fellowships, recipients must demonstrate satisfactory academic progress in their fields of study, as determined by criteria contained in this announcement and as established by the NRC. The nuclear education supported by this funding is intended to benefit the nuclear sector broadly. Consequently, NRC requires scholarship and fellowship recipients to serve 6 months in nuclear-related employment for each full or partial year of academic support. The employment may be with NRC, other Federal agencies, State agencies, Department of Energy laboratories, nuclear-related industry, or academia in the recipients' sponsored fields of study. A waiver of this requirement may be granted in appropriate circumstances.
No scholarship student may receive more than $10,000 per year or exceed $20,000.00 over a 2-year period.

<table>
<thead>
<tr>
<th>NESAP Scholar Category</th>
<th>Scholarship Unit</th>
<th>Requirements</th>
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<tbody>
<tr>
<td><strong>NESAP Platinum Scholar:</strong></td>
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<tr>
<td>• Platinum A</td>
<td>$5,000</td>
<td>• Enrolled in NUCL6060 or NUCL6061#</td>
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<tr>
<td>• Platinum B</td>
<td>$5,000</td>
<td>• RO licensee pursuing SRO training&amp;</td>
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<tr>
<td><strong>NESAP Gold Scholar</strong></td>
<td>$3,000</td>
<td>• Enrolled in a minimum one of the nuclear engineering minor classes/semester, and must participate in further developing the safety culture training practices at the facility under the supervision of facility staff member OR</td>
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<td>• Experience working at the facility and accepts to work as a Laboratory Planner &amp; Analyst for a period of one or two semesters OR</td>
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<td>• Completed the safety culture training and is a top three Alpha Nu Sigma elected member@</td>
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<tr>
<td><strong>NESAP Silver Scholar Summer 2016, 2017</strong></td>
<td>$2,000</td>
<td>Summer internship (May 15 – August 1) to participate in:</td>
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<td></td>
<td>• Safety culture training and practices, implementation and further development under the supervision of facility staff member</td>
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# NUCL6060 and/or NUCL6061 class are two consecutive classes designed and established to train students to operate TRIGA. If a student is enrolled in both classes, this will total $10,000 per year per student.

& An undergraduate student who already earned the NRC RO license and signs for the additional training to receive the SRO license (a yearlong training) for which s/he will receive total of $10,000/year [this award will be provided to a student only once].

@ This award will be provided only once to selected student.
NESAP Selection Criteria

There are three scholarship categories:

**Platinum Scholars** (reactor operation training and license): will deliver “elevator pitch” on this award and scholarly accomplishments to the Governor’s Office of Energy Development.

**Gold Scholars** (safety culture training and development): together with Platinum NESAP scholars, will work with the Governor’s Office of Energy Development to gain hands-on experience with state utilities, energy regulators and private industry and to develop internship opportunities for UNEP graduates.

**Silver Scholars** (summer interns): training, learning and advancing the safety culture practices, facility usage and provide innovative ideas for class labs to incorporate these learning; apply for the Laboratory Planner & Analyst position at the facility for the spring 2016, fall 2016, spring 2017, and fall 2017.

These scholars are foreseen to become the UNEP ambassadors to be engaged in recruiting and inspiring other engineering and science students to consider UNEP minor and/or graduate programs and to encourage them to support the jobs in nuclear industry as their future careers.

NESAP is structured to enhance recruitment and retention strategies, and support the monitor & mentor practices regarding incoming undergraduate students of high academic ability and performance.

All NESAP recipients will have the opportunity to travel (and being fully funded) to INL, Moab or similar locations.

The ANS Utah Chapter and/or Alpha Nu Sigma Society Utah Chapter will be in charge of organizing these trips.

Selection Criteria:

The Scholarship Program provides funding to colleges and universities to award scholarships to individuals pursuing nuclear science, engineering, and other disciplines that may be beneficial in developing and maintaining a nuclear workforce. Recipients must be enrolled in an undergraduate degree. UNEP Director and Reactor Supervisor established the programs to monitor the academic progress of the NESAP scholarship students.
NRC requires:

Fellowship and scholarship recipients must be United States citizens or noncitizen nationals of the United States, or have been lawfully admitted to the United States for permanent residence (i.e., in possession of a currently valid Alien Registration Receipt Card I-551, or other legal verification of such status). Noncitizen nationals are persons born in outlying possessions of the United States (i.e., American Samoa and Swains Island). Recipients must have full-time student status at the grantee or partnership institution. Individuals on temporary or student visas are not eligible.

Applicants must meet the following criteria to receive one of the NESAP scholarships:

1. Have at the time of application, and maintain a 3.0 GPA (on a 4.0 scale) overall and within minor in nuclear engineering.

2. Maintain a course load of at least 12 credit hours per semester or be classified as a full-time student, in accordance with the University’s policies and practices.

3. Be matriculated in a baccalaureate degree program.

4. Additional requirements follows the NESAP table (Page 2).
How to Apply and Deadlines?

Your application must follow these instructions:

1. Your overall GPA and your GPA in the minor in Nuclear Engineering – the official transcript must be provided by Alexi Crabb: acrabb@coe.utah.edu directly to Tatjana.Jevremovic@utah.edu. Name the document: 2016_NESAP_FirstNameLastName_GPA.

2. Your semester course load – official transcript must be provided by Alexi Crabb: acrabb@coe.utah.edu directly to Tatjana.Jevremovic@utah.edu. Name the document: 2016_NESAP_FirstNameLastName_Classes.

3. Official proof that you are matriculated in a baccalaureate degree program must be sent to Tatjana.Jevremovic@utah.edu by your undergraduate Advisor. Name your document: 2016_NESAP_FirstNameLastName_Major.

4. Your application sent directly to Tatjana.Jevremovic@utah.edu must include:
   a. NESAP category and the proof you are meeting the requirements per table
   b. UNEP classes completed; UNEP classes currently attending
   c. Year when you have declared the Minor in Nuclear Engineering
   d. Your major and the year you anticipate to complete the degree
   e. Year when you anticipate to complete the Minor in Nuclear Engineering
   f. Interest to apply for summer internships at some of the National Labs: INL, PNNL, ORNL, SNL, SRNL, or in nuclear industry (write where exactly)
   g. Your current Resume not to exceed 3 pages

Create the pdf document and name it: 2016_NESAP_FirstNameLastName_Application.

ALL documents to be sent

5:00 pm May 1, 2016.