WHY USU

USU is the nearest PhD-granting institution in any of its engineering PhD programs to Idaho National Laboratory (INL), where much of the federal nuclear research is based. USU and INL have a strong history of collaboration, with more than 25 graduates currently employed by INL. INL is represented on the advisory boards of both the USU College of Engineering and Department of Mechanical and Aerospace Engineering (MAE). MAE currently has $7.9 Million in active nuclear-related research grants, representing 75.4% of MAE’s total sponsored research. Approximately one third of the PhD students in MAE are working on nuclear-related research.

NUCLEAR ENGINEERING FELLOWSHIPS

Utah State University (USU) seeks two graduate students to award nuclear engineering fellowships sponsored by the Nuclear Regulatory Commission (NRC).

BENEFITS TO FELLOWSHIP RECIPIENTS

- Monthly stipend of $2,600/month, totaling up to $31,200/year
- Full tuition and fees for up to 6 credits/semester
- Travel expenses to one academic conference per year
- Subsidized student health insurance
- Renewable up to 4 years

see back for requirements and how to apply
REQUIREMENTS

(i) Restricted to U.S. citizens, nationals, and permanent residents
(ii) Must maintain a minimum GPA of 3.3
(iii) Must enroll as a full-time graduate student at USU in a nuclear-related area of study under a nuclear-affiliated advisor (see table)
(iv) Must commit to at least six (6) months of nuclear-related employment for each year or partial year that you are funded under this fellowship.

<table>
<thead>
<tr>
<th>Experimental Validation</th>
<th>Computational Simulations</th>
<th>Thermal Hydraulics</th>
<th>Biological Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ryan Berke</td>
<td>Juhyeong Lee</td>
<td>Barton Smith</td>
<td>Elizabeth Vargis</td>
</tr>
<tr>
<td>Thomas Frank</td>
<td>Thomas Frank</td>
<td>Todd Truscott</td>
<td></td>
</tr>
<tr>
<td>Nick Roberts</td>
<td>Nick Roberts</td>
<td>Hailei Wang</td>
<td></td>
</tr>
</tbody>
</table>

TO APPLY

All applicants must apply for graduate school admission in the department of their chosen advisor (MAE for all except Vargis, who is Biological Engineering). In your application materials, include a cover letter (no more than 2 pages) which addresses the following:

- Interest in being considered for this fellowship
- A brief statement of your research interests and experience (including which potential advisor(s) may help you pursue those interests)
- Any evidence of a demonstrated interest in a nuclear-related career (including professional development activities and participation in nuclear-related organizations, internships, and coursework)
- Whether you belong to any underrepresented groups in engineering (including but not limited to: gender and racial/ethnic minorities, veterans, etc.)
- Affirm that you meet or intend to meet requirements (i)-(iv), above

Applications for spring 2020 will be reviewed as they are received until the fellowship positions are filled. For full consideration for summer or fall 2020, please apply before February 20, 2020.

FOR MORE INFORMATION,
PLEASE CONTACT RYAN.BERKE@USU.EDU OR VISIT
HTTP://NUCLEAR.USU.EDU/