National graduate school fellowships

Undergraduate and graduate students who are U.S. citizens or permanent residents with strong academic and research backgrounds and with high potential for success in Ph.D. studies and research should apply for the following prestigious graduate fellowship. Advisors and mentors should encourage qualified students to apply.

To develop competitive proposals, especially the research components, the students need to work with their advisors and research mentors. Senior undergraduate and first-year graduate students are eligible, with more limited opportunities for second-year students. Fellowships include competitive stipends and funds for tuition and fee remission. Opportunities related to nuclear science include:

**National Science Foundation Graduate Research Fellowship Program:**
Deadline: October 30, 2014 for physics, chemistry and astronomy
All fields of science and engineering except human disease life sciences

**Department of Defense (DOD) SMART:**
[http://smart.asee.org](http://smart.asee.org)
Only US citizens; also undergraduate scholarships
Deadline: anticipated mid-December 2014
Fields of study include physics, chemistry and nuclear engineering. Recipients must qualify for and be interested in DOD careers

**Department of Defense (DOD) National Defense Science and Engineering Fellowship:**
[http://ndseg.asee.org](http://ndseg.asee.org)
Only US citizens or nationals
Deadline: anticipated December 2014
Fields of study include physics, chemistry and some engineering fields

**Department of Energy (DOE) Stewardship Science Graduate Fellowship:**
Deadline: anticipated January 2015
Fields of study restricted to low-energy nuclear science, high-energy density physics and materials under extreme conditions

**Department of Energy (DOE) Computational Science Graduate Fellowship:**
Deadline: anticipated January 2015
Fields of study include astrophysics and physics in which recipients use math and computers for their research

**DOE Office of Science Graduate Research Program:**
[http://science.energy.gov/wdts/scgsr/](http://science.energy.gov/wdts/scgsr/)
Deadline: September 24, 2014 for January – September 2015 participation
Only U.S. citizen Ph.D. candidates. This is a new program to support Ph.D. candidates in residence at DOE-Science laboratories. Provides local support to Ph.D. candidates to spend 3-12 months in residence at a DOE Office of Science Laboratory. 2014 priority research areas include essentially all programs in DOE Office of Nuclear Physics and heavy element nuclear chemistry.