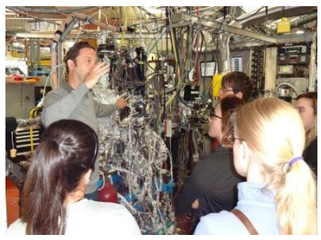
EARN CASH & COLLEGE CREDIT!

ACS NUCLEAR & RADIOCHEMISTRY UNDERGRADUATE SUMMER SCHOOLS

San Jose State University, San Jose, CA

Brookhaven National Laboratory, Long Island, NY

June 15, 2020 through July 24, 2020



The **Division of Nuclear Chemistry and Technology** of the **American Chemical Society** (ACS) is sponsoring **two INTENSIVE six-week Summer Schools** in **Nuclear and Radiochemistry** for undergraduates. Funding is provided by the US Department of Energy.

AWARDS

Fellowships include a stipend of $4000, all tuition and fees, transportation to and from the Summer School location, housing, books, and laboratory supplies. Transferable college credit will be awarded through the ACS accredited chemistry programs at San Jose State University (7 units) or the State University of New York at Stony Brook (6 units).

QUALIFICATIONS

Candidates should be undergraduates with an interest in nuclear science who are presently in their sophomore or junior year of study at a US college or university. They should have completed at least two years of chemistry, one year of physics and one year of calculus. Applicants must be US citizens.

SELECTION

Completed applications must be received no later than February 1, 2020. Each Summer School is limited to 12 students. Announcement of awards will be made in early March 2020.

COURSE DESCRIPTION

The course will consist of lectures on the fundamentals of nuclear science, radiochemistry, and their applications in related fields. Laboratory work will introduce you to state-of-the-art instrumentation and technology used routinely in basic and applied nuclear science. In addition to the formal instruction, the course will include a Guest Lecture Series and tours of nearby research centers at universities and National Laboratories. Students will meet and interact with prominent research scientists from universities and the DOE national labs who are working in nuclear and radiochemistry, nuclear medicine, nuclear forensics, and related fields.

NUCLEAR CHEMISTRY SUMMER SCHOOL

FUTURE RESEARCH OPPORTUNITIES

Participants in the 2020 Summer Schools will be encouraged to join a research project during the following summer at a university or federal research institution. Considerable personal assistance will be provided to secure summer positions and admission to PhD and MD programs at leading universities.

An "**Outstanding Student**" is selected from each summer school site. These students will be invited to attend the following spring national meeting of the American Chemical Society with all expenses paid.

For more information contact:

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On-line application forms are available at:
https://www.nucl-acs.org/?page_id=1731