

University of Nevada, Las Vegas Capabilities and Commitments

Society, the  
National Academies  
of Sciences, Engineering,  
and Medicine  
nuclear safeguards

technique was then deployed during the Nuclear Safeguards campaign conducted at Argonne National Laboratory.

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UNLV Radiochemistry Updated 06.08.2020

The UNLV Radiochemistry Program maintains close ties to several DOE laboratories, in particular with Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Argonne National Laboratory and Idaho National Laboratory. These ties are not restricted to research collaborations. DOE researchers have frequently held seminars and lecture series at UNLV and several staff scientists from national laboratories have held positions as adjunct faculty with the Radiochemistry Program. These interactions can be used to further expand education opportunities for students.

In particular, the Summer Internship Programs directed by the Glenn T. Seaborg Institutes at LLNL and LANL as well as the summer programs at George Washington University and UC Davis directed by the Nuclear Science and Security Consortium (NSSC) have established a pathway for interested students to gain direct exposure to the problems confronting nuclear forensics by spending a summer working with staff scientists on cutting edge issues. In the past year, UNLV joined the Consortium on Nuclear Security Technologies (CONNECT) in collaboration with LANL and ANL through the National Nuclear Security Administration Minority Serving Institution Partnership Program. Over the course of the last five years a large number of students from the Radiochemistry Program have been selected for the Glen T. Seaborg Summer Internship at LANL and the Nuclear Forensics and Nuclear Safeguards summer programs at LLNL. In addition, two students were selected for summer internships at ANL and INL and have participated directly in measurements conducted as part of the nuclear safeguards campaign.

Interactions with the DOE laboratories further expands the educational opportunities for students and gives them the chance to gain firsthand knowledge of the critical national issues related to radiochemistry. In addition, graduate students involved in our program are able to interact with other scientists working on projects related to nuclear safeguards and proliferation at meetings and workshops. Training young scientists in each of these areas is necessary for continued expertise in radiochemistry for many years to come.