

**Postdoctoral Research Opportunity in Nuclear Forensics, University of Notre Dame**

We are seeking a geochemist, environmental radiochemist, or individual from a closely aligned discipline to study, characterize and investigate the geochemical behavior of radionuclides in the environment, and/or aid in developing new isotopic standards using advanced spectroscopic and micro-beam techniques for the purposes of forensic analysis of nuclear materials. The candidate will help design, conduct and oversee laboratory experiments involving oxidative dissolution or speciation of nuclear materials, and/or detailed chemical and isotopic characterization of nuclear materials and certified standards at high spatial resolution. The candidate is expected to apply advanced spectroscopic and analytical techniques (e.g., LA-(MC)-ICP-MS, SIMS, SEM, TEM, FIB, XAS) to characterize laboratory and natural samples. The candidate will work in an interdisciplinary research team at the University of Notre Dame, and scientists and staff from the Nuclear and Radiochemistry Group (C-NR) at Los Alamos National Laboratory. Applicants must be citizens or permanent residents of the US, its territories or possessions.

Start date is negotiable but preferably prior to Jan. 1/2015.

For more information please contact Prof. Antonio Simonetti ([simonetti.3@nd.edu](mailto:simonetti.3@nd.edu)). Interested researchers are invited to submit their full CVs prior to December 31/2014.