NUCLEAR ENGINEERING
COLLEGE OF ENGINEERING | THE UNIVERSITY OF UTAH

The University of Utah Nuclear Engineering Program (UNEP) invites applications for a tenure-track Associate or Full Professor of Nuclear Engineering. Qualified candidates will have extensive experience in nuclear engineering, nuclear physics, or radiochemistry, with all research areas given full consideration. The successful candidate will be expected to teach nuclear engineering courses at both the graduate and undergraduate level; develop an internationally-recognized and sustained, externally-funded research program; supervise graduate and undergraduate student research; and conduct impactful service for the program.

UNEP is formally housed in the University of Utah's Civil and Environmental Engineering (CVEEN) Department. The program is growing with increasing student enrollment, increasing research contracts and expenditures, and a Presidential Endowed Professorship. Current UNEP faculty have expertise in nuclear forensics, nuclear safeguards, and radiation detection, and they maintain strong collaborations with faculty in CVEEN, Chemical Engineering, Material Science, Chemistry, Metallurgical Engineering, Radiobiology, and the School of Medicine. The successful candidate will be expected to contribute to and expand this multidisciplinary mentality, resulting in the strategic growth of UNEP.

Currently, UNEP offers an undergraduate minor, non-thesis M.S., and Ph.D. degrees. It is one of only thirteen programs in the United States with an operating TRIGA reactor. The 100 kW Modified Mark I TRIGA Reactor is instrumental for student training, research, and isotope production. In addition to the reactor facility, faculty members within UNEP have access to many user and core facilities on campus including, but not limited to, the Micron Microscopy and Nanofab Facility with the Surface Analysis Laboratory, the Nuclear Magnetic Resonance Facility, and the Center for High Performance Computing. The University of Utah College of Engineering has grown significantly in the past decade. It graduates more than 900 students per year, and does more than \$80 M of externally-funded engineering research per year.

The University of Utah is located in Salt Lake City at the foot of the Wasatch Mountains. Adjacent to the campus is Research Park, home to more than 50 businesses with close research and operational ties to the University. The University of Utah consistently ranks among the top academic institutions for creating startup companies based on university technology. Salt Lake City is the state capital and home to many businesses and nonprofit organizations. It is known as a hotbed for technology-oriented business startups that provide great opportunities for student learning and research. Salt Lake City has four distinct seasons, including mild winters and warm summers, and offers excellent opportunities for outdoor recreation, including easy access to the mountains, the Red Rock Country of the Colorado Plateau, and eight national parks. The State of Utah has been recognized numerous times as a top state for business and careers.

The screening of applicants will begin immediately and continue until the position is filled. Electronic application materials should include a cover letter, curriculum vitae, research statement, teaching statement, and contact information for five references. Questions may be directed to the chair of the search committee, Steven Bartlett (bartlett@civil.utah.edu). Please submit all application materials online to http://utah.peopleadmin.com/postings/57316.