

**Nuclear Engineering Faculty Positions,  
Assistant/Associate/ Full Professor, University of Utah**

The Department of Civil and Environmental Engineering (CVEEN) invites applications for two tenure-track assistant/associate professor faculty positions for its Nuclear Engineering Program (UNEP). Positions will be open to all outstanding areas of nuclear engineering although emphasis will be given to those with experience in reactor physics, reactor design, radiation detection and nuclear securities (i.e. nuclear safeguards or forensics). Candidates should have a Ph.D. in Nuclear Engineering or closely related field such as Radiochemistry or Nuclear Physics. Exceptional recent graduates and those with postdoctoral experience are highly encouraged to apply. Successful applicants must demonstrate their ability to develop an independent, externally funded research program, supervise graduate and undergraduate students, and teach at least one of our four core courses at the graduate level: Radiation Interactions, Reactor Physics, Health Physics, and Radiation Detection.

As part of the College of Engineering, faculty specializing in Nuclear Engineering maintain strong interdisciplinary collaborations with other CVEEN faculty as well as faculty across campus in fields such as metallurgical engineering, chemical engineering, mechanical engineering, chemistry, physics, and radiobiology. Currently, UNEP offers an undergraduate minor, non-thesis M.S., and Ph.D. degree in Nuclear Engineering. It is one of only thirteen Universities with an operating TRIGA reactor in the United States. 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 Surface Analysis Laboratory, Nuclear Magnetic Resonance Facility, Scientific and Computing Institute, and Center for High Performance Computing. Additional core facilities may be found at <http://cores.utah.edu/>.

The University of Utah is located in Salt Lake City, site of the 2002 Winter Olympics, at the foot of the Wasatch Mountains. Adjacent to the campus is a Research Park, home to more than 50 businesses with close research and operational ties to the University. It 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. The metropolitan area has a population of approximately 1.1 million residents and is a major urban center in the intermountain west. Salt Lake City has extensive arts and cultural activities and a major airport close to downtown. It is at the foot of the Rocky Mountains and 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 initial screening of applicants will begin on December 1, 2017 and continue until the positions are filled. Successful applicants may begin at the start August 15, 2018. Electronic application materials should include a cover letter, curriculum vitae, research statement, teaching statement, and contact information for three references. Questions may be directed to the chair of the search committee, Luther McDonald ([luther.mcdonald@utah.edu](mailto:luther.mcdonald@utah.edu)). Please submit all application materials online to <http://utah.peopleadmin.com/postings/68324>.

*The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and those with disabilities are strongly encouraged to apply. Veterans' preference is extended to qualified veterans. Reasonable disability accommodations will be provided with adequate notice. For additional information about the University's commitment to equal opportunity and access see: <http://www.utah.edu/nondiscrimination/>.*