

Tenure Track Faculty Position in Radiological Sciences
University of Massachusetts Lowell
Radiological Sciences Program

The Department of Physics and Applied Physics at the University of Massachusetts Lowell invites applications for a tenure-track faculty position at the Assistant Professor rank to begin September 2017. The successful candidate will be expected to develop a research program complementary to existing research areas in Radiological Sciences. Educational responsibilities will include developing and teaching graduate and advanced undergraduate courses along with supervising MS and PhD students in Health Physics. The applicant must possess a PhD degree in radiological physics, nuclear engineering, physics or related sciences, and have demonstrated ability to teach related courses and carry out relevant research, including a track record of published work in peer-reviewed scientific journals.

The Radiological Sciences Program in the Department of Physics and Applied Physics is supported by more than 10 full-time and adjunct faculty located at the UMass Lowell campus and at partner institutions in the Boston area. The academic program consists of Health Physics (accredited by ABET) and Medical Physics (accredited by CAMPEP). Current and significant research directions include internal dosimetry, radiobiology, radiochemistry, radiation detector development, and nanoparticle transport and dosimetry.

UMass Lowell offers a generous startup package to support the new faculty, and an extensive array of research opportunities, including collaboration with our partner institutions in Boston. The UML Radiation Laboratory maintains a 1 MW research reactor, a 5.5 MeV Van de Graaff proton and light ion accelerator with a dedicated proton microprobe beamline, and numerous other laboratories for radiochemistry, detector development, nanoparticle/aerosol/hydrosol characterization, nanofilm applications, and irradiation facilities for gamma, x-ray, and neutron radiography studies both in-vivo and in-vitro.

A curriculum vita, a statement of research experience and vision, a statement on teaching experience and vision, and the names of three referees should be forwarded to the Department Chair.

Application Deadline: Review of applications starts on December 15, 2016
Position is open until filled.

Send Applications to: On-line: <https://jobs.uml.edu>.
Via mail: Dr. Robert Giles, Chair
Department of Physics and Applied Physics
University of Massachusetts Lowell
One University Avenue
Lowell, MA 01854