Multiple Positions for Faculty, Staff and Post-doctoral Associate Available at Rensselaer Polytechnic Institute, one of the oldest and most famous engineering schools.

We are seeking a number of faculty candidates in nuclear engineering at any rank (assistant, associate, full and chaired professor). This is part of the strategic initiative to revitalize and grow the Nuclear Engineering and Engineering Physics (NEEP) program at RPI in response to the long term growth and importance of nuclear power in the nation’s energy portfolio. This is a unique opportunity to help define and shape nuclear engineering in the 21st century. In addition to strong teaching skills and the ability to develop an internationally recognized research program, we are looking for individuals with a comprehensive vision for nuclear engineering as well as the skills needed to integrate into a multidisciplinary department. Individuals with expertise in fission and fusion reactor physics, nuclear thermal-hydraulics, nuclear materials, health/medical physics, and nuclear instrumentation and radiation technologies involving RPI’s 100 MeV electron linear accelerator are strongly encouraged to apply. Applicants should have earned a doctorate in nuclear engineering, engineering physics, or a closely related discipline. The faculty positions require a working permit (for those who are not U.S. citizens). These faculty members are expected to be integral part of the Department of Mechanical, Aerospace and Nuclear Engineering at Rensselaer Polytechnic Institute.

We are also seeking to fill one “research scientist” staff position and potentially two post-doctoral trainee positions in the areas of health/medical physics (computational and physical phantom design and applications for radiation protection and radiotherapy) that are supported by several new grants we have been awarded recently, including a $2-million, four-year grant from National Institutes of Health (more about this project here http://news.rpi.edu/). Each year, we accept graduate students who are fully supported by graduate assistantships. These staff, postdoc and students will join the Rensselaer Radiation Measurement and Dosimetry Group (http://RRMDG.rpi.edu) which has provided opportunities to more than 20 motivated individuals who became successful nuclear engineers, health physicists, and medical physics. The staff position requires a working permit. The post-doc and graduate student positions require at least a J- or F- visa.

Rensselaer has several strategic research directions including biotechnology, energy and the environment, computation, and nanotechnology. The recent establishment of the $100M Center of Computational Nanotechnology Innovation provides access to one of the fastest university-based supercomputers in the world. Rensselaer is located in the Capital District of upstate New York. The Adirondack and Catskill Mountains are nearby as are Lake George and Lake Champlain. In addition to year round outdoor activities, the region is rich with the arts and entertainment. Competitive salary, benefits and start-up packages will be offered commensurate with experience.

All these positions are available immediately until they are filled. If you are interested in any of the above positions, please send questions, or a resume with a statement of professional interests and 4 names of reference to:

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