



Postdoctoral Researcher Position

The Detection for Nuclear Nonproliferation Group (DNNNG) at the Department of Nuclear Engineering and Radiological Sciences of the University of Michigan (UM) is seeking a highly motivated individual for a postdoctoral researcher position in conjunction with the newly awarded DOE-NNSA Consortium for Verification Technology. The post-doctoral fellow will be involved in cutting-edge research in the areas of:

- Development of new methods for identification of radioactive material (special nuclear material, radioactive sources)
- Monte Carlo simulations and code development for radiation detector response modeling
- Design and analysis of neutron and gamma-ray imaging systems
- Neutron and gamma-ray measurements using state-of-the-art radiation detectors

More information about the DNNNG can be found at <http://dnng.engin.umich.edu>

Required Education, Characteristics, and Experience:

Ph.D. (or equivalent doctoral degree) in Nuclear Engineering, Physics, or a closely-related field

1. Highly motivated towards a productive scientific career; team player
2. Able to mentor graduate and undergraduate students
3. Experienced in nuclear measurements and/or advanced computational science and engineering
4. Experienced with MCNP

This UM position is a 12-month, full-time appointment, which is subject to the yearly reappointment process subject to continued availability of funding.

Please email your cover letter and complete resume to Prof. Sara Pozzi (pozzisa@umich.edu).