Position Summary:

The purpose of this position is to work primarily in developing and characterizing radiation detectors, readout electronics, digital pulse processing algorithms, and radiation transport modeling to characterize Special Nuclear Materials.

Position Duties:

- Coordinates research aspects of the radiation detector development projects; works with graduate students on research issues; participates in research group meeting.
- Prepares quarterly reports and manuscripts for submission to peer-reviewed journals, prepares presentations at meetings where appropriate.

Minimum Qualifications:

Required PhD or terminal degree and one-year demonstrated experience in radiation detection and measurement, in academia or industry. (Please see Additional Required Qualifications for this position)

Additional Required Qualifications:

PhD in Nuclear Engineering, Radiation health Physics, Physics, Electrical Engineering or related disciplines.

Preferred Qualifications:

One-year demonstrated experience in:

a) Development of radiation detectors  
   b) Radiation transport modeling  
   c) Characterization of radiation detectors  
   d) Digital signal processing FPGA  
   e) Object-oriented programming languages  
   f) Demonstrated commitment to promoting and enhancing diversity

Application Process:

To apply, please submit a letter of application describing your interest in the position and an overview of your qualifications and experience. Also, please submit a resume/CV, and the names and contact information (including email addresses) for three professional references.
Application material may be sent electronically to dina.pope@oregonstate.edu or to:

Dina Pope
Oregon State University
C100 Radiation Center
Corvallis, OR 97330

For more information about the Postdoc Fellow Appointment please see http://gradschool.oregonstate.edu/postdocs