The Department of Bioengineering at Penn State University seeks to hire a full time faculty member at the level of Associate or Full Professor in the area of cellular and molecular imaging. Imaging modalities include magnetic resonance imaging (MRI), ultrasound, optical, fluorescence, and mass spectrometry. Desired applications areas include nanomedicine, materials research, life science and translational medicine. Special consideration will be given to candidates who apply new methods, technology, or tools to problems in cardiovascular disease, cancer, and neuroscience. Candidate will be expected to secure extramural funding, be effective educators in the applications of engineering to the life sciences and medicine at the undergraduate and graduate levels, and participate in service to further the missions of the department, college, and university.

We seek candidates who are recognized experts in in vivo imaging at the cellular and molecular level. However, we would be particularly interested in a candidate whose expertise is in MRI and one who can build a strong program in molecular imaging and systems biology. Such a candidate could help bridge activities ongoing in the Huck Institutes of the Life Sciences, Material Research Institute, Institute for CyberScience, Center for Neural Engineering, Cancer Institute, and the College of Medicine.

The core mission of Penn State’s Department of Bioengineering is to improve healthcare effectiveness and delivery by employing fundamental engineering principles to solve problems in life sciences and medicine at the basic science, clinical, and industry levels. The department maintains strong ties to world-class institutes such as the Materials Research Institute, Huck Institutes of the Life Sciences, Cancer Institute and the Heart and Vascular Institute as well as centers for Neural Engineering and Nanomedicine and Materials. In addition, the department and graduate programs are committed the highest quality education for undergraduates and graduate students in line with the college’s mission of training world class engineers and with the Penn State’s land-grant mission of enhancing quality of life in the commonwealth and nation through technology and innovation.

To apply:

For more information, please visit the website: www.bioe.psu.edu. To apply, send current contact information, curriculum vitae, statement of research and teaching objectives, five reprints, and the names of 3-5 references to Doretta Garvey, dgbio@engr.psu.edu (electronic submission is preferred). Inquiries should be directed to Dr. William O. Hancock, Professor of Bioengineering, Chair of the Bioengineering Faculty Search Committee via email (wohbio@engr.psu.edu) or phone (814) 863-0492. To ensure full consideration, applications should be received by January 15, 2013. Interviews will take place in the spring of 2013. Salary is negotiable and commensurate with qualifications and experience.

Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.