

Senior Imaging Research Specialist

A position is available as a Staff Scientist to provide support for image analysis applications in a leading center for biomedical imaging research. The successful candidate needs to be able to work independently and in collaborations with faculty and trainees. The principal responsibilities will be to develop, integrate and maintain algorithms and a software library for a core laboratory performing advanced image analysis for different modalities (including MRI, PET, CT, ultrasound, optical imaging). The image analyst will also train faculty, staff, students, and postdoctoral fellows in advanced methods of image analysis and image processing. He/she will develop solutions to problems that arise in applications of image analysis via original research and developments of methods or via implementation of methods developed by others or commercially, and will work with faculty devising new algorithms to ensure these are available to be used as robust, reliable and user friendly tools.

The core laboratory will be located in the new Vanderbilt University Institute of Imaging Science, a 42,000 sq. ft facility that houses a large and active group of researchers. The VUIIS is a leading center for the development and application of biomedical imaging techniques. For more details see <http://www.vuiis.vanderbilt.edu>

Experience/Education: 4 year degree in Engineering or Computer Science or similar required. Ideally candidates should have experience developing methods for image analysis, programming in various relevant languages (C, C++, Matlab), and for assessing the reliability of programs developed for use by others. Specialist education at the Masters level in image analysis preferred, along with experience in an applications environment (ITK, VTK, IDL) or industry developing such methods for practical uses.

If you are interested please contact us:

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