



The University of Western Ontario
Department of Physics and Astronomy
Tenure-track Faculty Position

MRI Physicist: Applications are invited immediately to fill a tenure-track faculty appointment within the Department of Physics and Astronomy, with a research focus on the development and application of neuroimaging methods at fields of 3T and above. The successful candidate will become a member of a collaborative research program involving leading researchers in the area of physics, engineering, neuroscience and neuroimaging. He or she will have the opportunity to make extensive use of the whole-body 3T Siemens Tim Trio located within the Centre for Functional and Metabolic Mapping (CFMM) at the Robarts Research Institute. The 3T system complements the existing 7.0 T Varian/Siemens head-specific MRI system, and 9.4T, 31 cm Varian MRI systems within the CFMM.

Our departmental website (<http://www.physics.uwo.ca/>) describes our research-intensive environment involving 36 principal investigators and over 90 graduate students at the University and its affiliated research institutes—the Robarts Research Institute (www.imaging.robarts.ca) and the Lawson Health Research Institute (www.lawsonimaging.ca). Successful applicants will also benefit from collaborations with researchers in the Department of Medical Biophysics (<http://www.uwo.ca/biophysics>), the Centre for Brain and Mind (<http://www.uwo.ca/its/brain/people>), and faculty in the Biomedical Engineering program. Established research areas within the Department of Physics and Astronomy include Medical Physics, Biomaterials, Condensed Matter, Planetary Science, and Astronomy.

The appointment will be at the rank of Assistant Professor, within the Department of Physics and Astronomy. The applicant will be expected to contribute to teaching at the graduate and undergraduate levels within the Department of Physics and Astronomy. Applicants must possess a PhD degree in Physics, Biophysics, Engineering or a related discipline, have a strong record of research productivity, and be well positioned to apply successfully for external funding. The applicant must have a strong background in MRI physics and/or MRI systems development, and experience with additional imaging modalities would be an advantage. The applicant will be expected to develop an innovative and productive independent research program within a collaborative research environment. The applicant will also be expected to contribute to student supervision at both the undergraduate and graduate levels.

Western's Office of Faculty Recruitment and Retention is available to assist in the transition of the successful applicant and his/her family. Expressions of interest are invited immediately. Consideration of applications will begin on November 1, 2011 and the position will remain open until filled. This position has a start date of July 1, 2012.

Interested candidates should submit a curriculum vitae, a list of publications, a research plan, a statement of teaching philosophy, the names and addresses of three referees, and arrange for three letters of reference to be sent directly to:

Dr. Shantanu Basu, Chair
c/o Jodi Guthrie, Assistant to the Chair
Department of Physics and Astronomy
PAB 138C
The University of Western Ontario
London, Ontario CANADA N6A 3K7
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Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.