

## Auditory Biophysics Laboratory

Department of Medical Biophysics, Western University

### **Postdoctoral Scholar in Biomedical Image Analysis**

The Auditory Biophysics Laboratory in the Department of Medical Biophysics at Western University in London, Canada invites applications for a postdoctoral scholar. We are seeking a motivated postdoctoral scholar with a PhD in Computer Science, Biomedical Engineering, Electrical and Computer Engineering or Medical Biophysics with significant experience in digital image processing and analysis, specifically in the design of algorithms for image registration and segmentation. Expertise in C/C++ is required, and experience with toolkits such as ITK or VTK or with 3D Slicer would be an asset. The goal of this research is to develop and evaluate software for segmenting the cochlea and for localizing cochlear implants from computed tomography images. The project is being undertaken in collaboration with an industrial partner. The initial appointment will be for one year, renewable based on performance. A competitive stipend will be paid commensurate with experience.

Please send a letter of interest, Curriculum Vitae, and the names of three references by email to Hanif Ladak, Ph.D. at [hladak@uwo.ca](mailto:hladak@uwo.ca) and to Sumit Agrawal, M.D. at [Sumit.Agrawal@lhsc.on.ca](mailto:Sumit.Agrawal@lhsc.on.ca) with "Postdoctoral Scholar" in the subject line.