



## University of Louisville School of Engineering

### Endowed Chair in Bioimaging

The School of Engineering at the University of Louisville invites applications and nominations for the recently created Endowed Chair in Bioimaging. The desired candidate should have a Ph.D. degree in Electrical or Computer Engineering or related field. Preferences will be given to candidates at the assistant/associate professor level, but all ranks will be considered. The selected candidate is expected to possess proven expertise in medical imaging modalities, medical image analysis, or visualization. The candidate is expected to have a solid record of original research and teaching in the area of biomedical imaging. In addition, the candidate is expected to be able to attract research funding from federal and private organizations. Opportunities for fruitful collaboration at the University of Louisville include the following: 1) Intraoperative Magnetic Resonance Imaging (iMRI) analysis, 2) functional brain mapping, 3) minimally invasive surgery, 4) computer assisted surgery and virtual reality for surgical simulation and training, 5) computer-based diagnosis, and 6) transfer of clinically feasible technologies in medical imaging and computer-assisted interventions into medical practice.

The University of Louisville and the Louisville Medical Center have outstanding facilities and infrastructure for biomedical imaging research and training. These include state-of-the-art facilities for high performance computing, fast networking, and immersive visualization, and direct access to modern imaging hardware and imaging data PACS at a number of world-class hospitals, which form the Louisville Medical Center (i.e., Norton Healthcare, Jewish Hospital, Brown Cancer Center, and the University Hospital). Various collaborative projects exist among researchers at the Schools of Engineering, Medicine and the healthcare professionals at the Louisville Medical Center. In collaboration with the business community, the University of Louisville has developed a small business incubator for biomedical technology start-up companies. The successful candidate will be expected to promote these collaborations, and significantly contribute to a growing research focus in biomedical engineering at the University of Louisville.

Candidates should send complete curriculum vitae with references to the following address:

Professor Aly A. Farag, Chair  
Bioimaging Endowed Chair Search Committee  
Computer Vision and Imaging Processing Laboratory  
CVIP Lab, Rm 415 Lutz Hall, Louisville, KY 40292  
E-mail address is [farag@cairo.louisville.edu](mailto:farag@cairo.louisville.edu)  
URL: [www.cvip.uofl.edu](http://www.cvip.uofl.edu)

*The University of Louisville is an Equal Opportunity, Affirmative Action Institution. Women and minorities are strongly encouraged to apply for this position.*