

Dear colleagues,

I hope you are well and safe during this complicated time.

We have a postdoc position available in the OPIRA laboratory in the University of Illinois - Chicago (UIC). I appreciate if you could kindly let your students and colleagues know about this position.

Postdoc position in Photoacoustic Imaging Instrumentation. The postdoctoral fellow will contribute to the design, development and optimization of a photoacoustic tomography system for brain imaging. Some of responsibilities include conducting phantom and animal imaging experiments, as well as data analysis. This project is hosted by the Biomedical Engineering Department at UIC, collaborating with Biomedical Engineering Department at the University of Michigan and Harvard Medical School. Requirements for this position include: (a) a PhD in Electrical Engineering, Biomedical Engineering, Physics, or Biomedical Physics; (b) a strong background in design and development of imaging system instrumentation, especially optical and ultrasound imaging; (c) strong Matlab (required) and Labview programming; (d) ability to work independently and in a multi-disciplinary team environment; (e) experience with optical system design, machine learning and GPU programming are plus. The successful candidate will be expected to publish significant research findings and must have excellent verbal and written English communication skills. The candidate will be asked/trained in grant writing. Interested candidates are invited to email their detailed CV to Dr. Avanaki at avanaki@uic.edu. More details about the projects will be discussed during the interview.

Thank you very much.

Sincerely,

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