Applications are invited for a Postdoctoral Research Associate position in the Adie Lab, in the Nancy E. and Peter C. Meinig School of Biomedical Engineering. We are looking for a highly motivated individual to develop advanced optical imaging approaches for applications in mechanobiology and/or brain imaging. The required qualifications are a Ph.D. in Electrical Engineering, Physics, Applied Physics, Biomedical Engineering / Bioengineering or related field. Preference will be given to candidates who have experience that is relevant to the following areas:

- Adaptive optics
- Optical coherence elastography (OCE) for imaging cell or tissue mechanics
- Design and setup of optical imaging systems (OCT/photoacoustic tomography/multiphoton microscopy).

The ideal candidate will have a strong publication record, good communication skills, and experience in working as a team player. Programming skills (MATLAB, LabVIEW, C or C++, and GPU programming) are also desired.

The position is initially for 1 year, with the possibility of extension contingent on funding and performance. Compensation is commensurate with experience.

To apply, please email your curriculum vitae, the names and contact information of at least three references, and a cover letter describing your previous research training and its relevance to the areas stated above, to Dr. Steven Adie (sga42@cornell.edu).

About the Adie Lab

Our group develops novel OCT, OCE, computational, and multimodal imaging approaches for applications to cancer and stem cell mechanobiology, and are currently looking to expand into brain imaging applications. We are pursuing collaborations with several physical and life science researchers at Cornell, as well as with clinical researchers at Weill Cornell Medical College. We are located on the Ithaca campus of Cornell University, within a creative interdisciplinary research environment that has a strong emphasis on Biomedical Optical Imaging, Mechanobiology, and Neurotechnology/Neuroscience.

Website: [http://adie.research.engineering.cornell.edu](http://adie.research.engineering.cornell.edu)

About Cornell University

Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students and staff impart an uncommon sense of larger purpose and contribute creative ideas to further the university’s mission of
teaching, discovery and engagement. Located in Ithaca, NY, Cornell’s far-flung global presence includes the medical college's campuses on the Upper East Side of Manhattan and Doha, Qatar, as well as the new Cornell Tech campus to be built on Roosevelt Island in the heart of New York City.

Diversity and Inclusion are a part of Cornell University’s heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.