

Graduate Research Position – Neural Engineering Laboratory

Two PhD positions are available in the neural engineering group of Dr. Nuri Ince (<http://incelab.bme.uh.edu/>). The focus of research is to develop novel neural decoding algorithms by using state of the art signal processing and machine learning methods. The PhD students will participate in recording of ECoG with high density grids in clinical setting, algorithm development and multidimensional signal analysis. The successful candidate will work in an NIH funded project with an interdisciplinary team composed of biomedical engineers, neuroscientists and neurosurgeons at Texas Medical Center. A keen interest in neural engineering is essential.

Eligible candidates must have gained a degree in a discipline relevant to the research themes, e.g. biomedical engineering, electrical and computer engineering, neuroscience. Programming experience with Matlab is required. Previous experience in biosignal processing and machine learning is a plus. Interactions with other lab members and collaborators will be fundamental. The PhD candidates will receive full tuition waiver and a salary \$2k/month. Funding is available for up to 5 years. Further support will depend on available funding and performance.

Candidates are encouraged to email their CV and a motivation letter to Dr. Ince (nfince@uh.edu). The subject heading should be specified as “PhD Application in CNEL”.