

# Research Assistant

The lab of Dr. J. Tiago Gonçalves at the Albert Einstein College of Medicine in the Bronx borough of New York City is looking to hire a research assistant.

Our research aims to understand how aging, disease and experience change the properties of the hippocampal circuits, thereby either enhancing or impairing memory formation. Recent projects in the lab have studied the effects of exercise/environmental enrichment, aging and inflammation on the precision of neural representations in the hippocampus. We use a variety of cutting-edge neuroscience techniques, such as in-vivo 2-photon imaging with simultaneous behavioral testing and chemogenetic silencing of neurons.

Applicants should have a bachelor's degree in neuroscience, biology, physics, engineering or related fields along with a strong interest in neuroscience research. Previous experience in a research lab, experience with rodent handling and excellent organizational skills are also required. Experience in computer programming (MATLAB, Python, C++) is preferred but not necessarily required.

Our lab is committed to providing a good learning environment and to supporting the educational and career goals of all lab members.

Interested candidates should submit a single PDF file to [tiago.goncalves@einsteinmed.edu](mailto:tiago.goncalves@einsteinmed.edu) with the following information: updated curriculum vitae, name and contact information of two references, cover letter detailing past achievements and future career goals. Funding for this position is available and salary will be determined based on the applicant's qualifications.

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