

Post-doctoral Fellow position:

About NI:

NeuroInitiative (NI) is a small, fast-growing independent group based in sunny Jacksonville, FL and focused on pathway simulation of biochemical events within neurons. We are very passionate about our mission, which is to empower discoveries that improve human life and are looking for like-minded and ambitious individuals. The current projects focus on pathways involved in Parkinson's disease, with future direction towards Alzheimer's disease pathways. The group is composed of software engineers who design, develop and maintain the pathway simulation software (SEED) and biologists with a strong bench background who understand experimental design and hypothesis testing as well as the challenges of traditional bench work. The purpose of this software is to empower bench scientists to create models of disease, test therapeutics and experiment using the simulation software before they experiment in the laboratory.

Interested parties should send a biosketch and letters of reference to recruiting@neuroinitiative.com.

Details of the position:

- The Post-doc will be a critical member of a team of scientists and engineers.
- Establish and maintain research collaborations to build outstanding product awareness and advocacy.
- Responsible for establishing, fostering, cultivating and maintaining relationships with key opinion leaders in the field of Parkinson's disease.
- Work with our software engineers to improve upon computational simulations.
- Perform experiments using the SEED software (please note that computational background is NOT required).
- Write and contribute to manuscripts and grant applications.
- Ensure that scientific information within SEED is current, accurate and relevant.

Requirements:

- PhD in Neuroscience, Biochemistry, Molecular biology or related field.
- Experience writing scientific manuscripts and grant applications.
- Excellent verbal and written communication skills.
- Ability to travel regularly.

Preferred experience:

- Understanding of neurodegenerative diseases such as Parkinson's/Alzheimer's disease.

Not Required:

- No background in computational science, simulation, or programming is required.