Postdoc in the Coen-Cagli Laboratory in computational neuroscience

Location: Albert Einstein College of Medicine, New York, NY
Start: Summer 2017

We are looking for a highly creative and motivated postdoctoral fellow to work in the field of computational and systems neuroscience in the laboratory of Ruben Coen-Cagli - Department of Systems and Computational Biology and Department of Neuroscience at Albert Einstein College of Medicine (AECOM) in New York City.

Our lab studies how biological sensory systems interpret the surrounding environment. Topics include probabilistic representations of natural images; models of selectivity and variability in large cortical populations; the perceptual consequences of neuronal variability; and uncertainty in visual and auditory perception. We combine theories of probabilistic neural coding, tools from computer vision and machine learning, psychophysics, and neurophysiology through collaborations. The candidate is expected to perform research related to these topics. Close interaction and collaboration with other members of the department is anticipated.

Applicants must have a Ph.D. in a relevant discipline, with an academic record of scientific excellence and independent research. Prior experience should include areas such as computational neuroscience, machine learning, computer vision, or statistics. Experience running and analyzing psychophysics experiments is a plus. Applicants should have a keen interest in interdisciplinary approaches to biological and neural systems.

AECOM offers a vibrant interdisciplinary environment, with a growing systems and computational contingent. It is located in a quiet neighborhood of New York, only a short subway ride from Manhattan. Information about working at the AECOM, including benefits and housing for postdocs, can be found at: https://www.einstein.yu.edu/research/belfer-institute/

The position starts in summer 2017, and is funded for several years, with an initial one-year appointment and expectation of extension given satisfactory performance. Salary is competitive and will be commensurate with experience.

Candidates should send a single pdf file, consisting of a 1-page motivation letter, CV, and publication list to ruben.coencagli@gmail.com. Furthermore, candidates should organize two letters of reference, to be sent to the same e-mail address. The position is open until filled.

Albert Einstein College of Medicine, Inc. is an equal opportunity employer committed to hiring minorities, women, individuals with disabilities and protected veterans.

https://sites.google.com/site/rubencoencagli/