Applications are invited for the 2020 class of Postdoctoral Fellows in the Theory and Modeling of Living Systems (TMLS) at Emory University. TMLS (http://livingtheory.emory.edu) is a highly interdisciplinary initiative connecting theorists across departments who are working on theoretical understanding of broad biological phenomena. Our research includes, but is not limited to, information processing in neural and cellular systems, quantifying and modeling animal behavior, understanding the dynamics of infection and immune response, forecasting evolution, predicting the dynamical and mechanical properties of dense tissue, and statistical inference from biological data. Fellows would have wide latitude to choose which problems to work on while collaborating broadly with TMLS faculty.

A successful applicant will have a PhD and a strong publication record in theoretical physics, quantitative biology, computational neuroscience, applied mathematics, or a related field. We are particularly interested in candidates with a track record of scientific creativity and independent thinking. Review of applications will begin immediately and continue until the positions are filled, but for full consideration applications should be submitted by January 6, 2020. To apply, please send your CV, a brief description of your research experience and interests, and a list of three references to tmls-jobs@listserv.cc.emory.edu.

Emory University is one of the world's leading research universities, with top-ranked programs in Population Biology, Ecology and Evolution, Computational Neuroscience, Biomedical Engineering, and Biophysics. The outstanding Emory School of Medicine, Rollins School of Public Health, and the excellent programs at the nearby Georgia Institute of Technology provide ample opportunities for collaborations. The hired Postdoctoral Fellows will also benefit from the unique resources available at Emory, such as the Center for Disease Control (adjacent to Emory’s campus) and the Yerkes Primate Research Center. Emory is located in a green neighborhood in the heart of Atlanta -- a major cultural center and transportation hub -- offering a high quality of life.

Members of historically underrepresented groups are particularly encouraged to apply. Emory is an AA/EEO employer.