

Postdoctoral position in the physics of living systems at Syracuse University



We invite applications for a theoretical/computational research postdoctoral position in the physics of living systems, to study several different types of collective cell behavior in biological tissues, including how mechanical interactions between cells contributes to organ formation in zebrafish embryos. The successful candidate will work with Professor Manning in the Department of Physics at Syracuse University and collaborate significantly with the group of Professor Jeff Amack in the Cell and Developmental Biology at Upstate Medical University (just across the street). There will also be significant opportunities to collaborate with researchers in our strong and dynamic Soft Matter Program, including Professors Cristina Marchetti, Jen Schwarz, Mark Bowick, Alan Middleton, and Joseph Paulsen as well as additional experimental collaborators in Syracuse and around the globe. The initial appointment is for one year beginning in Fall 2016 or Winter 2017, with the possibility of renewal for up to three years. Salary is negotiable based upon experience and research abilities.

Applicants must have a Ph.D. in Physics or a related field and have demonstrated experience in theoretical/computational biophysics, soft matter, or statistical physics.

For full consideration qualified candidates must complete the online management application at <https://www.sujobopps.com/postings/65949> and attach their curriculum vitae, list of publications (attach to other document), a brief statement of research interests (attach to cover letter), and the email addresses of three references. Review of applications will begin immediately and continue until the position is filled. For primary consideration, applicants should submit an application before August 30th, 2016.

Further information about the research pursued by Professors Manning and Amack is available: <https://mmanning.expressions.syr.edu/>
<http://www.amacklab.org/>

Syracuse University is an affirmative action/equal opportunity employer. Members of minority groups and women are especially encouraged to apply.

