



Computational Research Scientist Positions Center for Genomics and Systems Biology NYU Abu Dhabi

Research Scientist positions in Bioinformatics and Computational Biology are available at New York University Abu Dhabi.

The Center for Genomics and Systems Biology at NYU Abu Dhabi is currently inviting applications for postdoctoral research positions to carry out bioinformatics research as part of a newly formed NYU Abu Dhabi Center for Genomics and Systems Biology. Multiple positions are available and open projects require candidates with experience in:

1. The development of new methods for analysis of next generation sequencing technologies, and the deployment of these new methods as part of several evolution, genomics, and transcriptomic studies planned at the center.
2. Image analysis in the context of systems biology (or experience with developing machine learning methods to analyze image data).
3. Analysis of complex biology networks: learning networks from data, modeling complex networks, and/or using networks as a means of effectively integrating biology data.
4. Protein structural bioinformatics including protein design and structure prediction.

Computational aspects of these projects will be developed overseen by Drs. R. Bonneau and K. Gunsalus (who will be overseeing several computational projects associated with the new Center).

<http://www.nyu.edu/as/biology/faculty/Gunsalus.html>

<http://bonneaulab.bio.nyu.edu/>

Candidates must hold a Ph.D. with relevant research experience.

New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational, degree-granting campuses: New York, Abu Dhabi, and Shanghai, complemented by a network of more than fifteen research and study-away sites across five continents. Faculty and students will circulate within this global network in pursuit of common research interests, the promotion of cross-cultural understanding and solutions for problems, both local and global.

In its second year, NYU Abu Dhabi has already recruited a cohort of faculty who are at once distinguished in their research and teaching. NYU Abu Dhabi's highly selective liberal arts enterprise is complemented by an institute for advanced research, sponsoring cutting-edge projects across the arts, humanities, social sciences, sciences, and engineering.

The positions are open until filled. Applicants must submit a cover letter, curriculum vitae (including a list of publications), up to three representative publications, and the names and contact information of three references in PDF format to be considered (send these materials to NYUAD HR and cc bonneau@nyu.edu and kcg1@nyu.edu). Please visit our website at <http://nyuad.nyu.edu/human.resources/open.positions.html> for instructions and other information on how to apply. If you have any questions about the application process, please e-mail Deirdre.tabak@nyu.edu.

Starting date: September 1, 2012. Salary and benefits: competitive salary and benefits, including generous housing and home travel allowances, are offered.

NYU Abu Dhabi is an Equal Opportunity/Affirmative Action Employer.