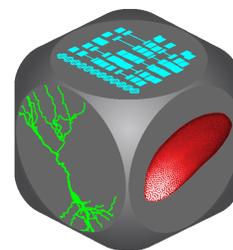


Postdoctoral Fellowships Quantitative Biological Modeling

Department of Applied Mathematics
Northwestern University

NQuB

Northwestern University
Quantitative Biology
Research Training Program



Overview: The Department of Engineering Sciences and Applied Mathematics solicits applications for a **postdoctoral fellowship in quantitative biological modeling** that will be available starting September 1, 2018. This position is part of a National Science Foundation Research Training Grant (NSF-RTG).

Duties: The postdoctoral fellow will conduct research on the quantitative modeling of biological systems and will teach three quarter courses per year in the department. The position will typically be for three years. The postdoctoral fellow will additionally participate in RTG-related training and career development activities.

Environment: The postdoctoral fellow will be part of an interdisciplinary environment focusing on current problems in experimental and computational biology. The fellow will gain experience from training in mathematical modeling, numerical methods, and modern data analysis/statistical tools relevant to biological problems. Research internships outside of Northwestern will broaden the fellow's perspectives. The fellow's research will be mentored by faculty from both applied mathematics and a biological discipline. Ongoing collaborations exist with faculty in Neurobiology, Molecular Biosciences, Environmental Engineering and Preventive Medicine, and additional areas of interest are welcome. An overall goal of the program is to broaden computational biological modeling in the department and at Northwestern.

Requirements: Applicants must be U.S. citizens or permanent residents. Interested candidates should submit a curriculum vitae, three reference letters (one addressing teaching qualifications) and brief research and teaching statements online at the URL:

<https://openposition.mccormick.northwestern.edu/apply/index/NjY=>

If desired, one or two representative publications may also be submitted. For full consideration applications should be received by January 15, 2018.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes including veterans and individuals with disabilities. Women and minorities are encouraged to apply.

Inquiries about the position may be directed to:

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