



Postdoc Position in Quantitative Biology Probabilistic Gene Network Modeling of Cellular Aging

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Associate Professor of Biology, Spelman College
Location: Atlanta, Georgia, USA
Funding Source: NSF CAREER award 2015-2020 to Qin.

A postdoc position is available to conduct quantitative modeling of cellular aging using probabilistic gene networks, a novel research direction funded Prof Hong Qin's NSF CAREER award. Candidates should have an inter-disciplinary training background, strong quantitative and computational skills, and be proficient of R or MATLAB.

Potential research topics include understanding lifespan extension effect of dietary restriction, understanding lifespan as a quantitative trait using gene networks and the problem of missing heritability, and develop quantitative methods for lifespan data analysis. This computational position will collaborate with both computational and experimental biologists.

This position offers competitive salary and benefit. Candidates should complete Ph.D. training before starting this position. The starting date can be as early as Oct 1, 2015.

Spelman College is a private four-year liberal arts college located in Atlanta, GA, and ranked one of the top 100 liberal arts colleges by the US News.

Please email a copy of curriculum vitae, a research statement, names and contact information of at least three individuals familiar with your research to Prof. Hong Qin through hqin@spelman.edu.

For background information on the probabilistic gene network modeling of cellular aging, see <http://arxiv.org/abs/1305.5784> and <http://tinyurl.com/o4gtrtx>.