

Postdoctoral position: Predictive modeling of cancer and epigenetic networks

Northwestern University has openings for postdoctoral positions focused on developing quantitative predictive models of cancer; this project is part of Northwestern's Physical Science-Oncology Center (PS-OC) on "The Coding, Decoding, Transfer and Translation of Information in Cancer" funded by the National Cancer Institute (Jon Widom, PI; see

<http://www.northwestern.edu/newscenter/stories/2009/10/oncology.html>.

Postdoctoral fellows will be mentored by faculty members of the Northwestern Institute on Complex Systems (NICO), specifically, Luis A. N. Amaral, Dirk Brockmann, William L. Kath and Adilson E. Motter. The ideal candidate will have experience in the areas of systems biology, nonlinear dynamics, computer simulations and complex networks. Previous experience with cancer biology, epigenetics and the data analysis of biomolecular systems would be a plus. Competitive candidates will also have good writing skills and a demonstrated ability to conduct independent high impact research.

The appointment is available immediately; evaluation of candidates will begin December 1, 2009. Salary is competitive, depending on qualifications and experience. To apply, please e-mail a CV and a statement describing how your research interests relate to this position to William L. Kath, kath@northwestern.edu, and arrange to have at least two letters of recommendation sent to the same address.

Northwestern University is an Affirmative Action/Equal Opportunity Employer. Applications from women and under-represented minorities are encouraged. Hiring is contingent upon eligibility to work in the US.