Fully Funded Postdoctoral Position - Computational Analysis of Development, National Institute of Child Health and Human Development (NICHD), Bethesda, MD

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A fully funded postdoctoral position is available to use computational methods to study development in the zebrafish and in complementary mouse, cell culture, and cavefish models in the NICHD Division of Developmental Biology (DDB) in Bethesda, Maryland. The successful applicant will work closely with DDB investigators, primarily those within the **Aquatic Models of Human Development Affinity Group** including Drs. **Brant Weinstein**, **Harold Burgess**, **Ajay Chitnis**, **Katie Drerup**, and **Ben Feldman**, to develop and apply bioinformatic approaches to study developmental biology research topics including vascular development, developmental epigenetics, behavioral neurogenetics, collective cell migration, and neural patterning and development.

We seek either a trained biologist with strong computational/bioinformatics skills or a trained computer scientist with a strong biological interest, knowledge, and background. Candidates should have or be close to obtaining a Ph.D. or equivalent degree in bioinformatics, computational biology, computer science, molecular biology, or a closely related field. Programming skills and experience in the application of computational methods to genomic data are essential. Applicants must possess good communication skills and be fluent in both spoken and written English. The ability to learn how to use new software and quickly become expert in its use, critical thinking, problem-solving abilities, and the ability to work semi-independently are required.

The scientific environment and resources for this position are superb, including unparalleled **high performance computing resources**, a varied and interesting portfolio of biological research questions to develop bioinformatic tools and analysis for, expert bioinformatics training and mentoring, and highly competitive stipend support and the potential for longer-term employment.

Interested applicants should have a Ph.D., M.D., or equivalent degree and less than 3 years' postdoctoral experience. Applicants possessing both experience with NGS data analysis (e.g., RNA-seq, ChIP-seq, Bisulfite-seq, etc.) and a strong biological research background are encouraged to apply. To apply, send a curriculum vitae, bibliography, cover letter with a brief description of research experience and interests, and the names of 3 references (with phone numbers) via e-mail to **weinsteb@mail.nih.gov** and to **amy.parkhurst@nih.gov**

The NIH is dedicated to building a diverse community in its training and employment programs.