

Research Assistant Professor in Bioinformatics - The
Children's Hospital of Philadelphia
Children's Hospital of Philadelphia and University of
Pennsylvania

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Job Title Research Assistant Professor in Bioinformatics - The Children's Hospital of Philadelphia
Department Perelman School of Medicine
Institution Children's Hospital of Philadelphia and University of Pennsylvania
Philadelphia, Pennsylvania

Date Posted Dec. 4, 2017

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Research Professor
Assistant Professor

Academic Field(s) Pathology
Medicine/Laboratory Medicine
Informatics - All Categories
Health Sciences - General

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**Job
Description**

The Children's Hospital of Philadelphia and the Department of Pathology and Laboratory Medicine at the Perelman School of Medicine at the University of Pennsylvania seek candidates for an Assistant Professor position in the non-tenure research track. The successful applicant will have experience in the field of developing new computational algorithms and software tools to address major challenges in the sequencing of genomic regions relevant to Immunogenetics. The Immunogenetics laboratory within the Division of Genomic Diagnostics of the Pathology Department forms a highly interactive team that uses molecular biology, statistical genetics and bioinformatics to study the intricacies of the Major Histocompatibility Complex (MHC). Responsibilities include contributing to ongoing studies, as well as developing independent research in Immunogenetics. Areas of particular interest include the sequencing characterization of the 4Mb of the MHC and further investigating the presence and functional role of miRNAs within the MHC. Applicants must have an M.D. and/or Ph.D degree and have demonstrated excellent qualifications in research.

Applicants must also have a degree in Bioinformatics, Genomics, Computer Sciences, Electrical Engineering or a closely related field. The applicant must have a proven track record of outstanding computational research reflected through journal publications and conference presentations. The candidate will demonstrate excellent communication skills, develop successful collaborations and have the ability to perform self-directed bioinformatics research. The investigator will be expected to obtain significant research funding.

Apply for this position online at:

http://www.med.upenn.edu/apps/faculty_ad/index.php/g/d4869?&order_param=post_date&order_direction=D

EEO/AA Policy

We seek candidates who embrace and reflect diversity in the broadest sense.

The University of Pennsylvania and The Children's Hospital of Philadelphia are EOE's. Minorities/Women/Individuals with disabilities/Protected Veterans are encouraged to apply.

Contact Information

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