

Department of Pathology  
Yale School of Medicine  
Database/Bioinformatics Programmer (Computational Immunology)

Yale School of Medicine, Department of Pathology is seeking a highly motivated database/bioinformatics programmer to work on an NIH-funded project whose overall goal is to identify the molecular signatures defining individual immune responses in the context of vaccine responsiveness and disease resistance. The successful candidate will work in a highly dynamic team environment across multiple institutions to develop, integrate and oversee data collection interfaces and management systems. These systems will support a diverse array of studies in collaboration with computational, laboratory and clinical investigators. Application of bioinformatics/statistical methods in support of the projects is also a possibility depending on experience.

The ideal candidate will have strong quantitative and programming abilities along with data management experience, ideally related to clinical or lab studies in a biomedical field. M.S. or Ph.D. degrees preferred. New graduates are encouraged. Expertise is desired in several of the following areas: Linux/Apache/MySQL/PHP ("LAMP") systems, web development (html, JavaScript), Java, Python, SAS or C/C++/C#. Experience with server administration and network security is also desired. Experience with LabKey or REDCap is a plus, as is working knowledge of bioinformatics programming (e.g. R/Bioconductor).

Applicants should submit a letter of interest describing their background and curriculum vitae and the names, addresses, telephone numbers and e-mail addresses of three references to:

steven.kleinstein@yale.edu

-or-

Steven Kleinstein, Ph.D.  
Departments of Pathology and Immunobiology  
Yale University School of Medicine  
300 George Street, Suite 505  
New Haven, CT 06511-6663

*Yale University is an affirmative Action/Equal Opportunity Employer and welcomes applications from women, persons with disabilities, protected veterans and member of minority groups.*

*Review of applications will begin immediately and will continue until the position is filled.*