

**RESEARCH PROGRAMMER**  
Institute for Genomic Biology  
University of Illinois at Urbana-Champaign  
EXTENDED SEARCH

**Duties and Responsibilities:** The research programmer responsibilities are: support the information technology needs of faculty, staff and students through consultation, research and hands-on support; monitor and service network backbone devices to maintain security and high availability; plan hardware refresh of devices; support bioinformatics research, providing administration for faculty sponsored servers, software creation and configuration; provide system administration for UNIX, Windows and Macintosh servers; develop and support IT resources needed to enhance the IGB's ability to fulfill its mission; respond to potential and actual security breaches; and to act as liaison to campus groups as necessary.

**Qualifications:** A bachelor's degree. Two years of experience in the computing field are desired. Desired qualifications include: demonstrated expertise in information technology consulting; working knowledge of Internet protocols; firewall configuration; client/server technologies for e-mail, file storage, web, web applications, backup, calendaring, authentication & authorization; experience with UNIX, Windows and Macintosh environments from a system administration and end-user perspective; basic knowledge of bioinformatics software and techniques; working knowledge of wireless & wired networking hardware and protocols; information technology security principles and practices; consumer- and server-grade hardware & software platforms; familiarity with at least two programming language (e.g. Ruby, Lua, Python, Perl, C++, Ajax, etc) and common software development practices; ability to compile and deploy applications from source code; familiarity with a range of common desktop applications.

Salary will be commensurate with experience and qualifications. This position is a 12-month, 100% time academic professional appointment with regular University benefits. The proposed starting date is negotiable after the close date.

Please create your candidate profile at <http://jobs.illinois.edu> and upload your letter of interest (including email address), resume and contact information for three professional letters of reference by April 13, 2015. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. All requested information must be submitted for your application to be considered. For further information regarding the application procedures, you may contact Kim Johnson, [kljohns@illinois.edu](mailto:kljohns@illinois.edu).

Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity ([www.inclusiveillinois.illinois.edu](http://www.inclusiveillinois.illinois.edu)).