Position: Assistant/Associate Researcher (Bioinformatics Specialist)

Appointment: Academic Staff, Fixed Term, Renewable Appointment, 100% time

Anticipated Starting Date: October 1, 2016

The Great Lakes Genomics Center at the University of Wisconsin-Milwaukee, School of Freshwater Sciences, is seeking a highly qualified individual to assist in providing bioinformatics support for functional, comparative, and environmental genomics projects.

For more information about the School of Freshwater Sciences, please visit http://www4.uwm.edu/freshwater/.

Responsibilities include:

Manage all aspects of multiple on-going, multi-disciplinary projects including the coordination of study design and implementation, sample collection, documentation, reporting, and communication. Opportunities for publishing scientific papers and participating in grant proposals for development of techniques and analysis related (Percentage of time spent on each facet of the position.)

a) Development of project-specific bioinformatics (computational and database) tools in conjunction with Faculty, Students, and Academic Staff. (10%)

b) Training and technical support for bioinformatics software including potentially teaching seminars or workshops. (10%)

c) Analysis of genomic and sequence data generated by customers in the Center. (60%)

d) Oversight of computational and informatics resources including software and hardware. Liaise with staff at the UWM computing cluster facility. (10%)

e) Preparation of manuscripts, reports, web-based public databases, and funding proposals. (10%)
Qualifications:

Required:
- Minimum of bachelor’s degree in bioinformatics, molecular biology or related field.
- At least two years’ experience in analyzing genomic data including de novo assemblies, multiple sequence alignment (preferably with high-throughput sequencing data), management of large datasets, and experience with gene and protein prediction, neural network analysis, and analysis of microarray data.
- Experience in programming with Perl, BioPerl or other programming related to sequence analysis, statistical packages (such as R or MATLAB).
- Familiarity with UNIX environments and computing clusters.
- Written and verbal communication skills.
- Demonstrated evidence of teamwork collaboration.

Preferred:
- Masters degree in bioinformatics, molecular biology or related field.
- Prior experience developing scientific software and informatics tools.
- Experience with analysis of next-generation sequence data for large genomes as well as microbial community analysis.

Terms of Employment:

This position is a 12-month, 100% fixed term, renewable academic staff appointment. Salary will be within Academic Staff salary range and will be commensurate with experience.

Application Procedures:

Applicants must apply online by visiting https://jobs.uwm.edu/postings/25477. All applicants must submit a cover letter outlining qualifications and interests, along with a resume that includes names of three references that can speak to the applicant’s abilities, and contact information for all three references.

Review of applications will begin on August 22, 2016 and will continue until the position is filled.

For the UWM Crime Statistics Report see http://uwm.edu/Dept/OSL/ClergyAct.html, or call the Office of Student Life at 414-229-4632 for a paper copy. All finalists for this position will require a criminal records review consistent with the Wisconsin Fair Employment Act.

UWM is an Equal Opportunity/Affirmative Action Employer