Bioinformatician/Computational Biologist
Full time equivalent position to begin as soon as possible.

Position description

The University of Nebraska-Lincoln (UNL) is hiring a bioinformatician as a member of the Bioinformatics Research Core Facility (BCRF), part of the Center for Biotechnology. We seek a highly motivated bioinformatician that can provide computational bioinformatics services for faculty, staff and students. These services include but are not limited to genome or transcriptome assembly, SNP and variant analysis, differential gene expression, added-value annotation and/or visualization of results, statistical tests, integration of multiple data sources, metagenomics, structural biology, and custom programming. Position reports directly to the Director of the Bioinformatics Core Research Facility.

Minimum required qualifications

- B.Sc in computational biology, mathematics, bioinformatics, computer science, statistics, or related life sciences oriented quantitative field with 8 years working experience.
- High level of analytical capability
- Competent in more than one programming language (one must be Perl or Python)
- Working knowledge of the Linux operating experience
- Strong communication and writing skills; one should be able to easily communicate the technical solutions put forth to a non-technical audience.

Preferred qualifications

- M.Sc. with at least 2 years working experience or a Ph.D.
- Experience in R/Bioconductor and/or Matlab.
- Experience running large workflows on HPC and HTC clusters.
- Experience in the analysis of metagenomics datasets (both amplicon and whole transcriptome/genome).
- Experience in structural biology.
- Knowledge and experience in current bioinformatics tools and applications, e.g. genome analysis and assembly, differential gene expression, SNP and variant analysis, added-value annotation and/or visualization of results, and integration of multiple data sources.
- Experience collaborating with subject matter specialists in the general area of life sciences research.
- Ability to handle a variety of tasks simultaneously; strong time- and project management skills.

Duties and Responsibilities

Provide computational bioinformatics services for faculty, staff and students at UNL. Services relating to the duties include but are not limited to genome or transcriptome assembly, SNP and
variant analysis, differential gene expression, metagenomic analysis, added-value annotation and/or visualization of results, statistical tests, integration of multiple data sources, and custom programming.

To view requirements and to apply for this position, go to the UNL Employment web site: http://employment.unl.edu. Search for requisition number S_191242. Click on “Apply to this job.” Complete application. Attach a letter of interest, curriculum vitae, research and teaching statement (each limited to one page). Review of applications begins February 18, 2020, and will continue until the position is filled or the search is closed. Applicants must be eligible to work in the United States. All hires are subject to final budgetary approval. The University of Nebraska-Lincoln is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers. See http://www.unl.edu/equity/notice-nondiscrimination.