Postdoctoral Researcher - Bioinformatics Core - Purdue University, West Lafayette, IN

Description

The Bioinformatics Core at Purdue supports biological research efforts across the university. We are looking for highly motivated individuals interested in interacting with multi-disciplinary groups and contributing to the development of new tools, techniques and workflows, to support research efforts in model and non-model organisms. Individuals will be expected to perform routine and project specific data analysis including, but not limited to, de novo assembly, gene prediction and annotation, RNA-Seq, ChIP-Seq, metagenomics analyses, SNP prediction and identification, using various software packages.

Individuals will have the opportunity to engage in multi-omics data integration and be part of an international research consortium on insect genomes. The position requires experience with de novo assembly and characterization of genomes and transcriptomes.

Qualifications

Required:
• Ph.D degree in Bioinformatics, Computational Biology, Molecular Biology or related fields.
• Experience in handling large and complex data sets with particular emphasis on Next Generation Sequencing; associated bioinformatics analyses.
• Proficiency in UNIX/LINUX, writing scripts and pipelines using Perl, Python and ‘R’ or equivalent languages.
• Demonstrated ability to acquire new skills and proficiencies in bioinformatics.
• Strong written and oral communication skills to effectively provide information to users of the Bioinformatics Core.
• Excellent time management and organizational skills and ability to work independently and as part of a multi-disciplinary team.

Preferred:
• A strong biological science background, and experience with non-model organisms.

Applications will be accepted till the position is filled. Apply by sending a CV, cover letter and contact information for three references to bioinformatics@purdue.edu

For additional information or questions, please contact Jyothi Thimmapuram by email jyothit@purdue.edu