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Description

Job Title **Bioinformatics Postdoc**
Location **Los Alamos, NM, US**
Organization Name **B-11/Bioenergy and Biome Sciences**

We are looking for a highly motivated, productive, and multi-talented postdoctoral candidate to pursue research within a team of scientists working on novel bioinformatics solutions to next generation sequencing (NGS) data analysis, with special emphasis in the field of metagenomics. This applicant would become part of the Division's Genome Programs, which include both a core sequencing facility specializing in Illumina and PacBio (along with Ion) technologies, and a bioinformatic data analysis group adapting state-of-the-art methods and devising novel strategies and algorithms to better interpret genomic, metagenomic and transcriptomic NGS data. Our group comprises experimental and computational bioscientists working on projects that span a range of topics, including microbial ecology, bacterial/viral/genome evolution, host-microbe interactions (e.g. host-pathogen, fungal-bacterial symbioses, etc.), cancer biology, biosurveillance, pathogen diagnostics, algal genomics and bioenergy, and others. The position will initially explore novel methods in metagenomic and/or transcriptomic data analysis applied to one or more of these projects. Additional projects or topics of interest will also be explored.

The specific subject of the applicant's PhD degree is not restricted to any one domain, but experience in handling metagenomic NGS data, and familiarity with one or more programming languages (e.g. C++, Python, Perl, Java), are strongly desired. The candidate should be equally comfortable working independently as well as part of a team, be familiar with good laboratory practices and biological experiment design, have experience working with Illumina and/or PacBio sequencing data in either DNaseq or RNAseq contexts, be proficient with one or more database management systems, have experience working in a UNIX/Linux cluster environment, and must have excellent written and oral communication skills. Applicants should also have a good publication record.

Education: PhD in related field completed within the past five years or soon to be completed.

Notes to Applicants: In addition to applying on-line, candidates should submit by email their CV, a very brief letter of interest, as well as names and contact information for 3 references to Patrick Chain (pchain@lanl.gov). Selected candidates will be contacted for telephone interviews beginning in summer 2015.

Los Alamos National Laboratory offers a generous and comprehensive benefits package. We are highly interested in hearing from excellent candidates who may be considered for special Laboratory Fellowships.

Pre-Employment Drug Test: The Laboratory requires successful applicants to complete a pre-employment drug test and maintains a substance abuse policy that includes random drug testing.

Candidates may be considered for a Director's Fellowship and outstanding candidates may be considered for the prestigious Marie Curie, Richard P. Feynman, J. Robert Oppenheimer, or Frederick Reines Fellowships.

For general information to the Postdoc Program go to <http://www.lanl.gov/careers/career-options/postdoctoral-research/index.php>.

Equal Opportunity:

Los Alamos National Laboratory is an equal opportunity employer and supports a diverse and inclusive workforce. All employment practices are based on qualification and merit, without regards to race, color, national origin, ancestry, religion, age, sex, gender identity, sexual orientation or preference, marital status or spousal affiliation, physical or mental disability, medical conditions, pregnancy, status as a protected veteran, genetic information, or citizenship within the limits imposed by federal laws and regulations. The Laboratory is also committed to making our workplace accessible to individuals with disabilities and will provide reasonable accommodations, upon request, for individuals to participate in the application and hiring process. To request such an accommodation, please send an email to

applyhelp@lanl.gov or call 1-505-665-5627.

Appointment Type **Postdoc**
Postdoc

Minimum Salary
Maximum Salary

Contact Details

Contact Name **Chain, Patrick Sam Guy**
Email **pchain@lanl.gov**
Work Telephone

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