



United States
Department of
Agriculture

Forest
Service

Pacific Northwest
Research Station

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OUTREACH NOTICE

Pacific Northwest Research Station

Biological Science Technician (Genomics)

GS-0404-09/10

Corvallis Forestry and Range Sciences Laboratory
3200 SW Jefferson Way, Corvallis, Oregon 97331

The USDA Forest Service Pacific Northwest Research Station is preparing to advertise a permanent, full-time position for a Biological Science Technician in Genomics, GS-0404-09/10 located at the Forestry Sciences Laboratory in Corvallis, OR.

Specialized experience or training in managing next-generation sequencing is required. This requirement can be satisfied by a combination education and experience, or graduate level education. Degrees in plant biology, forestry, agronomy, microbiology or a related field in biology and chemistry may be suitable. Other degrees may be considered if coursework is directly related to the position. To be creditable, coursework must provide the applicant with the necessary knowledge, skills, and abilities to do the work.

The Plant Genetics group studies the structure and function of molecular and adaptive variation in native forest species, and genetics issues associated with management of genetic resources and restoration. Studies range from genomic to quantitative and from individuals to populations and species. The incumbent will be responsible for overseeing laboratory operations for research on forest genomics.

The incumbent will:

- Assist scientists in the analysis of molecular genetic and genomic studies of conifers, hardwoods, and complex environmental samples.
- Supervise a molecular genetics lab, and the execution of a full-range of laboratory methods and analyses ranging from sample collection, sample processing production, data production and manipulation, and data analysis.
- Researches and implements survey methods, analyses, computer packages, and data archiving strategies for next-generation genomic sequence. Experience with long-read sequencing platforms is emphasized.
- Consults with other USFS scientists in the life sciences to assist with project development for genomics studies of forest bacteria, fungi, and animals.
- Other duties as assigned.

We are looking for an individual who:

- Is self-motivated and who enjoys tackling complex, novel research problems using interdisciplinary approaches.
- Is proficient in working in field and laboratory conditions, and who has demonstrated experience working with RNA and DNA.
- Is proficient with long-read DNA sequencers, and has demonstrated experience using unix-based



- programs to analyze long-read data.
- Can thrive in a fast-paced and changing research environment, and who has demonstrated experience managing multiple projects.
 - Shows a positive ‘customer service’ attitude, a strong work ethic, and the ability to work well with diverse groups of collaborators.

The purpose of this Outreach Notice is to determine the potential applicant pool for for this position. Responses received from this outreach notice will be relied upon to make this determination.

Interested applicants must complete the attached form and return to Rich Cronn at rcronn@fs.fed.us by November 28, 2014. Those desiring further information about the position may inquire to Rich Cronn with the Genetics team at 541-750-7291 or rcronn@fs.fed.us.

About the Pacific Northwest Research Station:

PNW Research Station is one of seven research units in the USDA Forest Service. The USDA Forest Service conducts the most extensive and productive program of integrated forestry research in the world. The scientific information produced by the Station has application on public, private, and tribal lands in the Pacific Northwest (Alaska, Oregon and Washington) and elsewhere in the United States and other parts of the world. The Station’s programs reflect the changing character of the questions that science is being asked to help answer.

PNW Research Station has approximately 400 permanent and temporary employees in professional, administrative, research, technical, and clerical positions. There are six Program Managers that oversee program organizations, and nine laboratories which provide research. The laboratories are located in Oregon, Washington, and Alaska. The Station is also involved in international relations with foreign governmental agencies and universities in many research areas. The work activities of the Station attract considerable interest from Congress, special interest groups, and the public. The Station Director’s Office is located in downtown Portland.

Community Information:

The duty station for this position is Corvallis, OR, a city in the heart of Oregon’s Willamette Valley. Perfectly located between the Cascade Mountains and the Oregon coast, Corvallis is known for its tree-lined streets and numerous parks, its historic courthouse, downtown shopping, historic homes, and its Riverfront Park that runs along the Willamette River. The population is just over 53,000 people and is home to Oregon State University. Corvallis is designated a "Bike-Friendly City," and has many miles of bike paths, trails, and roadside bicycle lanes. More information about the Corvallis area can be obtained by contacting the Corvallis Convention and Visitors Bureau at 1-800-334-8118 or by visiting their website at <http://www.visitcorvallis.com>.

*To be considered, applicants must be U.S. citizens.
Thank you for your interest in this position*

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Outreach Interest

Biological Science Technician (Genomics)

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If you are interested in this position, complete this form and send to Rich Cronn at rcronn@fs.fed.us by November 28, 2014.

PERSONAL INFORMATION

Name: _____ Date: _____

Address: _____

City: _____ State: _____

E-Mail Address: _____ Phone: _____

EMPLOYMENT

Are you currently a Federal Employee? Yes No

If Yes:

Name of your Agency & Location: _____

Current title/series/grade: _____

Type of Appointment: Permanent Term Temporary

If No:

Current Employer: _____

Current Position Title & Salary: _____

Type of Appointment: Permanent Term Temporary

Are you eligible for appointment under any of the following special authorities?

- Former Peace Corps
- Person with Disabilities
- Student Employment Program
- Veteran with 30% Compensable Disability
- Veteran's Employment Opportunities Act of 1998
- Veteran's Readjustment
- Reinstatement Eligibility
- Other

Thank-you for your interest in the position!