

State of Washington
 Dept. of Natural Resources
 invites applications for the position of:
**Forest Health Scientist, Natural Resource
 Scientist 3 In-training**

careers.wa.gov
 Working for Washington State

SALARY: \$4,066.00 - \$6,662.00 Monthly
 \$48,792.00 - \$79,944.00 Annually

OPENING DATE: 02/14/20

CLOSING DATE: 03/05/20 11:59 PM

DESCRIPTION:



WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES



**Forest Health Scientist
 Natural Resource Scientist 3/Natural Resource Scientist 2 In-Training
 Forest Health and Resiliency Division – Olympia
 Recruitment #2020-02-2433**

This is a full-time, permanent represented position.

Want to join something GREAT and make a difference?

The DNR Forest Health and Resiliency Division is looking to add to our growing team of natural resource professionals in an expanding planning, science, and monitoring program investigating forest insects and pathogens that impact forest health in our state today and in consideration of changing climate conditions. This in-training position seeks a Forest Health Scientist to serve as a subject matter expert on issues relating to forest tree insects and diseases. The position contributes to the mission and the goals of DNR by conducting field monitoring and research to inform decision making, guiding landowners and managers in effective forest stewardship, developing and distributing high quality technical information about forest insect and pathogen issues and conditions in the state, including situations without precedent.

If you are a scientist with training in forest pathology or a closely related field looking to apply and expand your knowledge while providing vital information to land and resource managers in a collaborative spirit to create healthy, resilient landscapes we want to hear from you!

What we will trust you with:

- Participate with teams of Washington state legislators, DNR staff, government and non-governmental agency and organization scientists and personnel to develop specific objectives for WA forest pathology research, monitoring, and associated management needs.
- Write grants for obtaining resources to facilitate achieving forest pathology research goals and objectives.

- Plan research projects to evaluate disease impacts in Washington forests. Develops, coordinates, directs, conducts, and manages the agency's research and monitoring program centered around forest pathology issues, designed to meet DNR and state needs, goals, and objectives.
- Ensure stand and landscape level research and monitoring is conducted using efficient statistically valid control procedures for data and coordinates and manages data maintenance.
- Analyze data using a variety of GIS and statistical techniques to provide management context for information.
- Serve as data steward for all forest pathology/entomology project data collected.
- Identify critical and emerging forest health issues and recommends mitigation or prevention measures.
- Act as a liaison between DNR and stakeholders regarding forest pathology related projects, results, and future work.
- Participate in the development of forest pathology/entomology related technical reports, reviews, and edits reports from other regional forest health scientists.
- Provide expertise to DNR to be used as a basis for agency management decisions, developing program and policy directions, and long-term management plans for DNR lands. Working with DNR managers, foresters, and partners to incorporate information gained through research and monitoring into forest management programs including to develop and implement policy and procedures, training, and written resources.
- Prepare written and oral presentations on certain activities, including but not limited to research results, forest disease information, control products, and other related information (i.e. pest evaluation reports).
- Develop and provide forest health related land management information, education, and training for forest landowners and the public in cooperation with forest landowner assistance efforts of federal, state, local, tribal, and private agencies.
- Contribute to research and monitoring for ongoing and emergent forest entomology projects.
- Provide expertise towards planning and monitoring across all-lands, achieving the goals and objectives of the 20-Year Forest Health Strategic Plan for eastern Washington and statewide Forest Action Plan.

Who are we looking for?

Natural Resource Scientist 2 (NRS3 In-Training) candidate has:

- A Master's degree with emphasis in forest pathology, plant pathology, or closely related field.
- At least 3 years of professional experience in Forest Health, habitat management or research. (Up to 2 years can be subtracted if accomplished while gaining Master's degree)
- Sound professional knowledge of scientific, biological, and ecological principles, methodologies and practices sufficient to apply a wide range of techniques and procedures to the solution of problems affecting natural resources.
- Technical knowledge of forest diseases, their identification, causes, and management.
- Working knowledge of forest insects and their interactions with diseases.
- Working knowledge of forest pathology and forest health related research and monitoring protocols and techniques.
- Ability to operate general forestry tools, specialized microbiology laboratory equipment, and office machines (i.e. computer, printers, etc.).
- Capable of isolating, culturing, and identifying fungal pathogens both in culture and within host tissue.
- Experience and proven competency in sterile lab technique.
- Ability to drive safely on a variety of road surfaces in many levels of traffic.
- Skill in applying and adapting biological methods, procedures, and techniques and in exercising independent judgment in order to make day-to-day decisions where standard methods and procedures do not apply.
- Strong verbal and written communications skills, including skill in presenting data and its analyses, writing objective reports requiring a minimum of reviewing and editing. Demonstrated ability to write effective technical reports and scientific papers, including a record of publishing peer-reviewed research papers and reports as well as presentations of research at scientific meetings.
- Knowledge of experimental design and sampling. Strong data collection and analysis skills including experience using ArcGIS, statistical and database software.

- Ability to work on uneven terrain in all weather conditions. Work will be performed in office, laboratory, and field settings. Field work may take place in remote sites in a variety of weather conditions, steep topography, and require carrying equipment into research areas.
- The incumbent in this position is required to travel.
- Must have a valid driver's license and have two years of driving experience. This position requires driving as an essential function. Employees who drive for state business, whether in a state or privately-owned vehicle, are required to possess a valid license as defined in policy PO02-006 and abide by all other driver responsibility requirements. Finalists and/or interview candidates will be asked to provide a driving record from all states in which they have held a license during the past three years.

Natural Resource Scientist 3 candidates will meet the NRS2 required qualifications in addition to the qualification below:

- At least 4 years of professional experience in Forest Health, habitat management or research. (Up to 2 years can be subtracted if accomplished while gaining Master's degree)
- Valid Washington State Public Operator Pesticide License.

This may be filled as an in-training. The training plan is up to 24 months. If you complete all elements of the training steps in a shorter amount of time, we may waive the remainder of the time required. Candidates will be considered as Natural Resource Scientist 2 or Natural Resource Scientist 3, depending on qualifications.



Why work for DNR?

At DNR, we value public service, innovation and creative problem solving, safety and well-being, and leadership and teamwork. At DNR you'll support the vision of a sustainable future by using your skills to protect and manage the state's natural resources for both current and future generations. As a DNR employee, you'll work with the public's interest in mind as we manage more than 5 million acres of state-owned forest, range, commercial, agricultural and aquatic lands. But managing lands is only half of our story. We house the Washington Geological Survey, a dynamic program that is the primary source of geological products and services in support of decision making in Washington. We also protect other public resources such as fish, wildlife, water, and provide public access to outdoor recreation. Two of our largest and most important state-wide resource protection responsibilities are fire prevention and suppression, and overseeing forest practices.

We are nearly 1,500 employees strong and dedicated to making DNR a great place to work. Our mission is to serve Washington's lands and communities; build strong and healthy rural communities; enhance forest health and wildfire management; strengthen the health and resilience of our lands and waters; and increase public engagement and commitment to our public lands and resources. In partnership with citizens and governments, we provide innovative leadership and expertise to ensure environmental protection, public safety, perpetual funding for schools and communities, and a rich quality of life. At DNR we approach our work through the lens of making Washington a better place

environmentally, economically and socially for current and future generations.

What makes DNR a great place to work?

Transitioning to a modern work environment
Mobile work
Infants at work program
Commitment to organizational health and wellness
Diversity, Equity and Inclusion Council
Leadership that empowers and supports employees
Work/life balance
Leadership development opportunities
Educational aid and career development stipends
Public Service Loan Forgiveness Eligibility
Opportunities to participate in wildland fire suppression assignments
Opportunities to stretch your professional skills
A comprehensive benefit package that includes employer contributions toward health insurance, paid holidays, retirement plans, sick leave and vacation days.
Visit <http://careers.wa.gov/benefits.html> for more information.

Application Process

To be considered you must apply online at www.careers.wa.gov (**Click on the APPLY button above**). You must complete the entire online application to be considered for the position.

You must attach the following:

- A letter of interest describing how your experience and qualifications relate to the position profile, required and desired position qualifications, and special position requirements.
- A resume **including the names of three to five professional references**

Carefully review your application materials before submitting. **If you fail to submit the required documents or complete the entire online application, you may no longer be considered for the position by the supervisor.**

Application Status – once you submit your online application, you can check your status by logging into your account. Finalists for the position will be contacted by the hiring manager directly. Recruitment may be extended depending on the quantity and quality of the application pool.

Questions? Please contact Allen Estep at allen.estep@dnr.wa.gov or e-mail us at DNRrecruiting@dnr.wa.gov.

Washington State Department of Natural Resources is an Equal Opportunity Employer and prohibits discrimination and harassment of any kind. We are committed to providing equal employment opportunities in a fair and impartial manner for all persons without regard to age, sex, marital status, sexual orientation, gender identity, race, creed, color, national origin, religion, pregnancy/parental status, genetic information, military status, political affiliation, criminal history or the presence of any sensory, mental or physical disability or the use of a trained service animal by a person with a disability. Persons with a disability who need assistance during the screening process or those needing this announcement in an alternative format may contact DNR Recruiting staff (360) 902-1350 or (360) 902-1139. DNR may be contacted using the Washington State Telecommunications Relay Service (TRS) by dialing 711.



Forest Health Scientist, Natural Resource Scientist 3 In-training Supplemental Questionnaire

- * 1. Do you have a Master's degree with emphasis in forest pathology, plant pathology, or closely related field?
 - Yes
 - No
 - * 2. Do you have at least 3 years of professional experience in Forest Health, habitat management or research. (Up to 2 years can be subtracted if accomplished while gaining Master's degree)?
 - Yes
 - No
 - * 3. Do you have a valid driver's license and at least two years of driving experience?
 - Yes
 - No
 - * 4. Where did you originally hear about this job (i.e. friend, newspaper, careers.wa.gov, specific job board website)?
- * Required Question