

Forest Health Monitoring Program

Monthly Update

July 2011

NEWS ABOUT FHM PARTNERS

The FHM Research Team in Research Triangle Park, a component of the Eastern Forest Environmental Threat Assessment Center, is pleased to announce the addition of Dr. Frank Koch, Research Ecologist, on July 5. Frank was previously a Research Assistant Professor at North Carolina State University, where he cooperated with the Forest Health Technology Enterprise Team (FHTET) and FHM on research related to the introduction and spread of forest threats.

The Westside Forest Insect and Disease Service Center of U.S. Forest Service Forest Health Protection welcomes Holly Kearns, a plant pathologist, to the staff in September. She has broad experience in both forest resource management and forest plant pathology, including working as a disease model coordinator representing several regions in the National Insect and Disease Risk Map effort.

It is with sadness that we share news of the passing of Sheryl Costello, a U.S. Forest Service FHP-Region 2 colleague who died recently after a tragic recreational climbing accident. Sheryl was a Forest Entomologist's Forest Entomologist. She took on any problem with an energy and enthusiasm second-to-none, mastered the identification of the most difficult to discern species of bark beetles without hesitation, and assisted all clients with skill and wisdom. Sincere sympathy is extended to her family, friends, and colleagues.

UPCOMING (Items beginning with * indicate a new listing or new information added) EVENTS

July 26, 2011. Fort Bragg, Mendocino County, CA. The California Forest Pest Council will have their summer Insect Disease and Animal Damage Tour. For more information contact Tom Smith (California Department of Forestry and Fire) at 916-599-6882 or tom.smith@fire.ca.gov, or visit the California Forest Pest Council website at <http://caforestpestcouncil.org>. Information will be posted soon.

***July 31 – August 5, 2011.** Eugene, OR. The Fourth International Workshop on the Genetics of Host-Parasite Interaction in Forestry: Disease and Insect Resistance in Forest Trees. Scientists from around the world will be convening in Eugene, Oregon at the Valley River Inn, for the Fourth International Workshop on the Genetics of Host-Parasite Interactions in Forestry: Disease

and Insect Resistance in Forest Trees. It has been three decades since the last international workshop on 'Resistance Breeding in Forest Trees to Pathogens and Insects'. During this time, ongoing resistance programs have made significant progress, and several new serious insect and pathogen problems have arisen. Scientists, land managers and policy-makers with experience in genetics, tree breeding, pathology, entomology, physiology, evolutionary biology, forestry and other related areas are encouraged to attend to foster exchange of ideas. The purpose of this workshop is to advance progress in genetic resistance programs by fostering collaboration between scientific and management communities from throughout the world. Updates on current status, issues and future plans for applied resistance programs, as well as research information and tools to fast-track the development and use of resistance in trees will be presented and discussed. Over 80 abstracts have been submitted for oral and poster presentations. The August 3rd field trip to the USDA Forest Service's Dorena Genetic Resource Center and US Department of the Interior Bureau of Land Management (BLM) Travis Tyrrell Seed Orchard will feature operational resistance programs and species of the Pacific Northwest. The agenda and draft list of posters are now available on the conference website. For details or to register or book a room, visit the website:

http://ucanr.org/sites/tree_resistance_2011conference/.

August 7-11, 2011. Amos, Québec, Canada. 6th International Symposium on Root Development. Meeting organizers seek practitioners and scientists to contribute to a mixture of basic and applied science, and discuss advances and future directions in root development research with model plant species as well as those with applications in horticulture, agronomy, forestry, and general ecology. The meeting will bring together scientists from applied and fundamental studies on root induction and development of both embryonic and postembryonic root types. For more information, visit: <http://root2011.uqat.ca/>.

***October 3-6, 2011.** Hartland, MI. The North Central Forest Pest Workshop (NCFPW). The NCFPW is an annual meeting of persons interested in forest health in the North Central portion of North America. Save the date for the 2011 meeting in Hartland, MI, which is in the southeast part of MI. More information will be available soon at <http://www.forestpathology.org/hosted/ncfpw/>.

October 5-6, 2011. Boulder, CO. The Seventh Meeting of the Continental Dialogue on Non-Native Forest Insects and Diseases. Save the date! Field trip options tentatively planned for Wednesday morning include: exploring impacts of 1000 cankers disease locally in the urban environment and the implications for the forest ecosystem in the East. The meeting will begin midday Wednesday and adjourn Thursday afternoon – current panel topics being considered include: Applying What we Know to Managing the Firewood Pathway; Climate Change Impacts on Forests and the Spread of Invasives; and Technology Applications for Managing Invasives. A draft agenda is available at www.continentalforestdialogue.org. For more information, please contact the meeting facilitation team at RESOLVE: Debbie Lee (dlee@resolv.org; 202-965-6381) or Beth Weaver (bweaver@resolv.org; 202-965-6211). For more information about the Dialogue, or to join the Dialogue, go to: www.continentalforestdialogue.org.

***October 10-14, 2011.** Leavenworth, WA. The 59th Western International Forest Disease Work Conference (WIFDWC) will be held at the Enzian Inn in Leavenworth, WA. Forest pathologists from western North America (and beyond) gather and present papers, take part in field tours, discuss programs and network. Panel topics include: forest health monitoring, stump removal trials in the northern hemisphere, *Phytophthora ramorum* eradication in Oregon, interactions of endophytic fungi and forest diseases, and contributed papers. There will also be discussion and updates on hazard trees, twig and foliage diseases, rusts, root diseases, dwarf mistletoes, nursery diseases, and climate change. Two field trips to sites of pathological interest are planned. Details including agenda, registration, lodging and travel are available at <http://www.fs.fed.us/foresthealth/technology/wif/>. If you have questions, contact Greg Filip at gmfilip@fs.fed.us or by phone at 503-808-2997.

October 18-19, 2011. Utah State University, Logan, UT. Restoring the West Conference 2011: Sustaining Forests, Woodlands, and Communities Through Biomass use. The conference will examine how woody biomass harvest can facilitate land restoration projects while supplying much-needed fuel for renewable energy. Talks will focus on how biomass harvest can occur in ways that improve the ecological and financial feasibility of restoration projects. The conference will have a dual focus on the ecological effects of woody biomass harvest, and the technology of woody biomass harvest and use. Discussions will appeal to land managers and owners, researchers, and business people. For more information, visit: <http://www.restoringthewest.org/>

JOB **OPPORTUNITIES**

The USDA Forest Service Northern Region Forest Health Protection's (FHP) Coeur d'Alene Field Office will soon advertise for a Forest Pathologist, GS-0434-9/11/12. This is a permanent fulltime position stationed at the FHP Coeur d'Alene Field Office at the Idaho Panhandle National Forest Supervisor's office in Coeur d'Alene, Idaho. This non-supervisory position serves as an expert pathologist on a forest health protection team that provides technical advice, assistance, and guidance on forest health issues to federal, state and private land managers in northern Idaho and western Montana. The incumbent provides leadership and an advanced level of plant pathology expertise; and coordinates and implements a complex program using an ecosystem-based approach for forest pathogen and disease detection, evaluation, prevention, and control. Primary responsibilities include the following: serves as an expert advisor on plant pathology and forest health protection to federal, state and private clients; provides technical assistance and training in disease management/forest health; plans, coordinates, and conducts forest health protection surveys and evaluations; plans, organizes, and conducts pilot projects, field tests, and demonstrations to determine the value of new or improved materials, strategies, or techniques for operational use in disease survey, evaluation, or management; analyzes data and prepares complete and

comprehensive reports; makes recommendations to federal, state and private resource managers on achieving forest health objectives; and serves as a vital link between research scientists and field personnel on emerging issues and approaches in the plant pathology arena, and incorporates “state-of-the-art” science appropriately into a resource management framework. This notification is being circulated to inform prospective applicants of this upcoming opportunity and to determine interest in the position. You are encouraged to express your interest in this position by returning the Outreach Response Form (attached to this Update as Attachment 1) to jschwandt@fs.fed.us by **July 15, 2011**. If you would like more information about this opportunity, please contact John Schwandt (208-765-7415) or Von Helmuth (208-765-7342, vhelmuth@fs.fed.us). **Please note** that this Outreach form does not constitute an application and we will only consider applications completed in AVUE <https://www.avuecentral.com/casting/aiportal/control/mainmenu> when the vacancy announcement is posted. You must actively check for the vacancy announcement in AVUE and USAJobs <http://www.usajobs.opm.gov> because notification of vacancy announcement posting is not automatic. *USDA is an Equal Employment Opportunity Provider and Employer.*

PUBLICATIONS OF INTEREST

- 1. Bagne, K.E.; Friggens, M.M.; Finch, D.M.** 2011. A system for assessing vulnerability of species (SAVS) to climate change. Gen. Tech. Rep. RMRS-GTR-257. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 28 p. available online: <http://www.treesearch.fs.fed.us/pubs/37850>.
- 2. Barrett, T.M.; Christensen, G.A.** 2011. Forests of southeast and south-central Alaska, 2004-2008: five-year forest inventory and analysis report. Gen. Tech. Rep. PNW-GTR-835. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 156 p. available online: <http://www.treesearch.fs.fed.us/pubs/37951>
- 3. DeBlander, L.T.; Shaw, J.D.; Witt, C.; Menlove, J.; Thompson, M.T.; Morgan, T.A.; DeRose, R.J.; Amacher, M.C.** 2010. Utah's forest resources, 2000-2005. Resour. Bull. RMRS-RB-10. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 144 p. available online: <http://www.treesearch.fs.fed.us/pubs/36988>.
- 4. Thompson, M.T.; Duda, J.A.; DeBlander, L.T.; Shaw, J.D.; Witt, C.; Morgan, T.A.; Amacher, M.C.** 2010. Colorado's forest resources, 2002-2006. Resour. Bull. RMRS-RB-11. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 108 p. available online: <http://www.treesearch.fs.fed.us/pubs/37387>.

5. **Woudenberg, S.W.; Conkling, B.L.; O'Connell, B.M.; LaPoint, E.B.; Turner, J.A.; Waddell, K.L.** 2010. The forest inventory and analysis database: database description and users manual version 4.0 for Phase 2. Gen. Tech. Rep. RMRS-GTR- 245. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 336 p. available online: <http://www.treesearch.fs.fed.us/pubs/37446>.

FOR MORE
FHM
INFORMATION

Visit the FHM homepage: www.fs.fed.us/foresthealth/fhm/
or access via the USDA Forest Service homepage at www.fs.fed.us

OUTREACH RESPONSE FORM

Pathologist – GS-0434- 9/11/12
US Forest Service - Region 1 Forest Health Protection
Coeur d'Alene Field Office

Please return your completed response form by
July 15, 2011

Your Name: _____ **Email:** _____

Mailing Address: _____ **Phone Number:** _____

Current Federal Employee: Agency Employed With: ___ USFS; ___ BLM; ___ OTHER _____

Type of Appointment: ___ Perm ___ Temp ___ Term ___ VRA ___ PWD

Other _____

Current Series and Grade: _____ Current Position Title: _____

Current FS Employee, Region/Forest/District: _____

If you are not a current permanent (career or career conditional) employee, indicate if you are eligible to be hired under any of the following special authorities:

- _____ Person with Disabilities
- _____ Veterans Readjustment
- _____ Disabled Veterans with 30% Compensable Disability
- _____ Veterans Employment Opportunities Act of 1998
- _____ Former Peace Corps Volunteer
- _____ Student Career Experience Program
- _____ Other _____

Please briefly describe your qualifications/skills/experience for this position: _____

Non-Federal Employee

Current employer _____

Current position: _____

Current employer address: _____

Education Level:

College _____ Degree _____ Year ____ Major _____

At what level do you feel you would be qualified: GS-9 _____, GS-11 _____ GS-12 _____
(Consult the OPM websites on page 1 for assistance)

Please briefly describe your qualifications/skills/experience for this position: _____

If you are interested in this opportunity and/or plan on applying for this vacancy, please return this Outreach Response Form by **July 15, 2011** to jschwandt@fs.fed.us or mail to John Schwandt, USFS – FHP, Idaho Panhandle National Forest, 3815 Schreiber Way, Coeur d’Alene, Id, 83815. . If you would like more information about this opportunity, please contact John Schwandt (208-765-7415) or Von Helmuth (208-765-7342, vhelmuth@fs.fed.us).

Thank you for your interest and response!