

# WEST NORTHWEST

A bi-monthly newsletter to faculty/staff/retirees of WSU Long Beach, Mt. Vernon, Puyallup & Vancouver

## **FEATURE PROFILE – Urban Integrated Pest Management (IPM)**

The WSU Urban IPM and Pesticide Safety Education Program helps landscape and turf professionals manage pests and develop a successful Integrated Pest Management program. Last year, the program included 12 pre-license courses and 26 recertification workshops and courses reaching 3500 people in Washington. Instructors also provide pesticide applicator and IPM training in Spanish.

Carrie Foss and Becky Hines in Puyallup and Carol Ramsay in Pullman manage the Program. They conduct a variety of training sessions for people that are interested in obtaining a pesticide license and for licensed applicators. The WSU Urban IPM program provides training prior to the pesticide license certification exam as well as continuing education for certified applicators to maintain their license. After completing the training, landscape and turf professionals understand the cultural requirements of the plants and the biology of the pest problems. They also learn how to develop a site survey and IPM plan, improve plant health through cultural strategies, monitor pest populations, maintain records and determine when integrated pesticide use is appropriate.

*Photo: Carrie Foss teaching at a hands-on IPM workshop.*



Urban pests are not restricted to the outdoors and the Urban IPM program conducts training for structural pest inspectors and pest management professionals. Development and design work is underway for a demonstration and research laboratory for indoor urban pest management. This facility will allow specialists and researchers to investigate current IPM technologies and disseminate up-to-date information to structural pest inspectors and pest management professionals.

*Photo: Rita Hummel instructing landscape professionals on the importance of a healthy root system.*

In the last year, the WSU School IPM program cooperated with the IPM Institute of North America to co-conduct two STARS Certification audits. Both Vancouver Public Schools and South Kitsap School Districts received the STARS Certificate, which recognizes school districts for meeting high standards for IPM performance and risk reduction. These two school districts share this award with only nine other school districts across the United States.

The success of the WSU Urban IPM and Pesticide Safety Education Program would not be possible without the continuous support from WSU Specialists, WSU Extension, WSDA, and many organizations and industry representatives. If you are interested in learning more about the program, check out their website <http://pep.wsu.edu> or feel free to contact Carrie or Becky.

## MESSAGE FROM THE DIRECTOR

Opportunity surrounds individuals at Washington State University locations west of the Cascades. To use an old cliché: *We sit in the catbird seat if we are creative enough to capitalize on our strategic locations.* We have a rich past and currently offer exciting and relevant programs for our students and our communities. Hopefully we are smart enough to build on the past and the present without constraining our future.

One of the limitations on growth at WSU Puyallup today is lack of space to house everyone, an indicator of your success. It is possible to get a bit depressed when we look at the trend in state and federal allocations and remember the shock from the closure of the poultry and dairy programs a number of years ago. The recent state budget also brought bad news for research and extension allocations with a one percent reduction in each. It remains to be seen what the full impact of those reductions will be. Yet the amount of resources we generate and manage at WSU Puyallup for research and extension continues to grow.

Resources will come in different ways. John Stark recently formed a partnership with the National Oceanic and Atmospheric Agency for joint use of our state-of-the-art fish laboratory, which brings resources for John's program as well. Gary Chastagner received resources for a 0.5 FTE outreach person on Sudden Oak Death (S.O.D.) from the U.S. Forest Service, which was matched with another 0.5 FTE from the Western Plant Diagnostic Network (WPDN). Kevin Wright and Pat BoyEs forged a \$1.9 million partnership with the Defense Department for a national program for the children of the National Guard and Reservists posted to Iraq.

At WSU Puyallup and other WSU locations across the state, there are numerous other examples of individuals using their creativity and knowledge to generate the resources needed for their programs. This is not at all what most would have imagined when they joined WSU. Today, if we expect the "system" to provide our resources, it will be a long wait. I would expect the changes to keep coming. It is hard to imagine the pace of change could increase but I won't hold my breath.

Our task is to keep looking down the road, stay nimble on our feet, and be creative. At WSU Puyallup, we sit within 50 miles of over 60 percent of the state's population. The challenge is ours to take advantage of that location. We must navigate the available opportunities for the benefit of the people we serve, our programs, and Washington State University.

After seven months at WSU Puyallup, I am excited about our future.

--Jon Newkirk

## PRESENTATIONS/MEETINGS/TRAININGS/INVITATIONS

**Art Antonelli** provided all day workshops for Master Gardener training in Basic Entomology and Integrated Pest Management to Kitsap, Snohomish, Pierce, and Clallam Counties (February), Thurston, Whatcom, and Lewis counties (March), and Kittitas County (April).

**Art Antonelli** presented at **Carrie Foss'** Pesticide Recertification courses in Lacey (February) and Bellingham (March). Art also participated as one of several instructors for Carrie's Pest Control/Structural Pest Inspector Pre-License Shortcourse in Puyallup (February).

**Dean Glawe** presented the lecture "The Natural History of Powdery Mildews," at the Puget Sound Mycological Society, Center for Urban Horticulture in Seattle (April).

**Eric Miltner** gave a presentation, "Biological Filtration of Nutrients in Golf Course Runoff Water", at the Western Canada Turfgrass Association Annual Conference in Penticton, BC, Canada (February).

**Gary Chastagner** attended the following meetings in January:

Western Ornamental and Turfgrass Disease Conference, Portland, OR.

Sudden Oak Death Second Science Symposium, Monterey, CA.

**Gary Chastagner** served on the program committee for the 95<sup>th</sup> Annual Western Washington Horticultural Association Convention and Trade Show

**Jon Johnson** gave a presentation on his Riparian Buffers Project, “Function, Management, and Economic Implications for Agriculture” at the Western Washington Potato Workshop in Mount Vernon (March). The Capital Press featured Jon’s Skagit County project.



*Riparian buffer areas in Skagit County*

**Linda Chalker-Scott** gave the following invited presentations: “Transplant science seminar and demonstration”, Gorden’s Garden Center, Yelm, WA, (April); “Sustainable management of restoration soils for improved tree and shrub survival”, Society for Ecological Restoration, NW Regional Conference, Seattle, WA, (April); “Weed warfare: environmentally sustainable management strategies in restoration and landscape”, Society for Ecological Restoration, NW Regional Conference, Seattle, WA, (April); “Urban warfare: will your landscape survive?”, Whatcom County Master Gardeners, Bellingham, WA, (April); “Mulch well, mulch often: managing urban landscapes sustainability”, WSU Puyallup Symposium-managing urban soils for water conservation, Puyallup, WA (March); “Transplant science – will the patient survive?”, Clallam/Jefferson Counties Master Gardener Basic Training, Sequim, WA, (March); “Landscape rehabilitation: a twelve-step program to a sustainable landscape”, Clallam/Jefferson Counties Master Gardener Basic Training, Sequim, WA, (March); “Plants without

problems: a good place to start”, High Desert Green Industry Conference, Redmond, OR, (February); “Exploding the myths: horticultural practices for healthy landscapes”, Keynote speaker, High Desert Green Industry Conference, Redmond, OR, (February); “Rescuing plants in bondage”, Northwest Flower and Garden Show, Seattle, WA, (February); “Too much of a good thing: can organic amendments hurt your landscape?”, Issaquah Garden Club, Issaquah, WA, (February); “WSU Master Gardeners: how university-trained volunteers can bring real change to urban landscapes”, Emerald City Rotary Club, Seattle, WA, (February); “Soil amendments in the landscape – too much of a good thing?”, Inland Northwest Turf, Tree & Landscape Conference, Coeur d’Alene, ID, (February); “Landscape rehabilitation: a twelve-step program to a sustainable landscape”, Inland Northwest Turf, Tree & Landscape Conference, Coeur d’Alene, ID, (February).

**Lindsey du Toit** was invited to give the following presentations: "Iris yellow spot virus of onion", Melheur County Onion Growers' Association in Ontario, OR, (February); "Iris yellow spot on seed onions" at the Central Oregon Farm Fair & Trade Show, Madras, OR, (February); "Disease management trials in vegetable seed crops in western WA: 2004 Research report", Alf Christianson Seed Co. Seed Growers' Meeting, Mount Vernon, WA, (March); "Disease-free carrot seed. Is it a concern? Is it possible?" and "Neck rot of onion: What's the story?" at the 54th Annual Muck Vegetable Growers' Conference in Bradford, Ontario, Canada (April).

**Pat Moore** gave the following presentations: “Development of new strawberry and raspberry cultivars for the Pacific Northwest” at the Lower Mainland Horticulture Improvement Association in Abbotsford, BC (February); “Progress of the raspberry breeding program” at the 7th Annual Small Fruit Growers Workshop, Vancouver, WA (March); “Growing strawberries and raspberries in western Washington” at the Small Farm Expo in Enumclaw, WA (March).

## ***PUBLICATIONS***

**Chalker-Scott, L.** 2005. The myth of the magic bullet. *WSNLA B&B* 57(4): 10-12.

**Chalker-Scott, L.** 2005. Transplant science: will the patient live? *American Nurseryman*. 201(6): 20-23.

**Chalker-Scott, L.** 2005. The myth of foliar feeding. *WSNLA B&B* 57(3): 10-11, 20.

**Chalker-Scott, L.** 2005. The myth of tree topping, part II. *WSNLA B&B* 57(2): 10-11.

**du Toit, LJ, Crowe, FJ, Derie, ML, Simmons, RB, and Pelter, GQ.** 2005. Bacterial blight of carrot

- seed crops in the Pacific Northwest. Plant Disease 89: in press.
- du **Toit, LJ**, and **Derie, ML**. 2005. Evaluation of Actigard, bactericides, and compost teas for control of bacterial blight in carrot seed crops, 2004. Fungicide & Nematicide Tests 60:V046.
- du **Toit, LJ**, **Derie, ML**, and Morrison, RH. 2005. Evaluation of fungicide seed treatments for control of black leg of cauliflower, 2004. Fungicide & Nematicide Tests 60:ST011.
- du **Toit, LJ**, and **Derie, ML**. 2005. Evaluation of fungicides and compost teas for control of Botrytis scape and umbel blight in onion seed crops, 2004. Fungicide & Nematicide Tests 60:V045.
- du **Toit, LJ**, **Derie, ML**, and **Hernandez-Perez, P**. 2005. Evaluation of fungicides for control of leaf spot in spinach seed crops, 2004. Fungicide & Nematicide Tests 60:V044.
- du **Toit, LJ**, **Derie, ML**, and **Hernandez-Perez, P**. 2005. Evaluation of yield loss caused by leaf spot fungi in spinach seed crops, 2004. Fungicide & Nematicide Tests 60:V047.
- Glawe, D. A.** 2005. *Pacific Northwest Fungi Database. Version 2*. Department of Plant Pathology, Washington State University, Puyallup, WA
- Gundersen, B.** and **Inglis, DA**. 2005. Evaluation of seed, in-furrow and foliar treatments for control of pink rot on potato, 2004. Fungicide and Nematicide Tests No. 60:V126.
- Huang, B, **Kuo, S**, and **Bembenek R**. 2004. The availability of cadmium in some phosphorus fertilizers to field grown lettuce. Water, Air, Soil Pollution. 158:37-51.
- Huang, B., **Kuo, S**, and **Bembenek, R**. 2005. Availability to lettuce of arsenic and lead from trace element fertilizers. Water, Air, Soil Pollution. In Press.
- Inglis, DA** and **Gundersen, B**. 2005. Evaluation of seed, in-furrow and foliar treatments for control of root rot on peas, 2004. Fungicide and Nematicide Tests No. 60:V063.
- Kuo, S**, Huang, B, and **Bembenek R**. 2004. The availability to lettuce of zinc and cadmium in a zinc fertilizer. Soil Science. 169:363-373.
- Kuo, S**, Ortiz-Escobar, ME, Hue, NV, and **Hummel, RL**. 2004. Composting and compost utilization. Recent Developments in Environmental Biology. 1:415-513.
- Kuo, S**. 2004. Effectiveness of soil washing with acidified salt solution, EDTA and citric acid in removal of metals from metal-contaminated soils. ASA (American Society of Agronomy), Abstract 3420.
- Kuo, S.**, Huang, B, and **Bembenek, R**. 2005. Effect of long-term phosphorus fertilization and winter cover cropping on soil phosphorus transformation under continuous corn production. Biology Fertility Soil. 41:116-123.
- MacLeod, JA, **Kuo, S**, Grimmett, M, and Gallant, TL. 2004. Seafood processing wastes as nutrient sources for crop production. ASA Abstract 3944.
- Miltner, ED**, **Stahnke, GK**, **Rinehart, GJ**, and Backman, PA. 2005. Seeding of creeping bluegrass [*Poa annua* L.f *reptans* (Hauskins) T. Koyama] into existing golf course putting greens. HortScience 40(23):457-459.
- Moore, PP**. 2005. 'Cascade Nectar' Red Raspberry. HortScience 40:256-257.
- Chilvers, MI**, **du Toit, LJ**, and Peever, TL 2005. The following gene sequences were determined and submitted to a national database for *Botrytis* spp. that can infect onion: DNA sequence data for partial chitin synthase sequence of *Botrytis allii* (accession AY927693), *B. aclada* (accession AY927694), *B. byssoidea* (accession AY927695), *Botryotinia fuckeliana* (accession AY927696), and *Botryotinia squamosa* (accession AY927697). Released 9 March 2005. <http://www.ncbi.nlm.nih.gov/Genbank/>

## ABSTRACTS

- Chilvers, MI**, **du Toit, LJ**, and Peever, TL. 2005. RFLP differentiation of neck rot *Botrytis* spp. present in onion seed crops in Washington State, and development of a real-time PCR assay for detection of these fungi in onion seed. 23<sup>rd</sup> Fungal Genetics Conference, Pacific Grove, CA. Mar. 15-20, 2005.
- Chastagner, G**, Hansen, EM, **Riley, KL**, and Sutton, W. 2005. Susceptibility of conifer shoots to infection by *Phytophthora ramorum*. Page 25, Proceedings of the Sudden Oak Death Second Science Symposium, Monterey, CA, Jan. 18-21, 2005.
- Chastagner, G**, Hansen, EM, **Riley, KL**, and Sutton W. 2005. Effectiveness of fungicides in protecting Douglas-fir shoots from infection by *Phytophthora ramorum*. Page 44, Proceeding of the Sudden Oak Death Second Science Symposium, Monterey, CA, Jan. 18-21, 2005

Huang, B, **Kuo S**, and **Bembenek, R**. 2004.  
Availability to lettuce of arsenic and lead from

trace element fertilizers in soil. ASA Abstract  
4084

## PROCEEDINGS

**Chastagner, G**. 2005. New options for managing some common diseases on ornamental bulb crops. P.63-65. Proceedings of the 95<sup>th</sup> Annual Western Washington Horticultural Association Convention & Trade Show, SeaTac, WA, January.

## GRANTS

\$1,000 – Washington Foundation for the Environment. Master Gardener Basic Training Manual rewrite – author stipends. Winter 2005. **Linda Chalker-Scott**.

\$5,000 – NARF. Evaluation of Small Fruits at WSU Mount Vernon. **Patrick P. Moore** and **Gary Moulton**.

\$13,242 – WSCPR. Management of *Phytophthora ramorum* on Christmas trees and nursery stock. **Gary Chastagner**.

\$18,310 – WSDA Nursery License Research Program. Management of *Phytophthora ramorum* on nursery stock. **Gary Chastagner**.

\$20,000 – WSDA Nursery Grants Program. Development of an industry-specific basic

training manual in sustainable management of urban landscapes. Fall 2004. **Linda Chalker-Scott**.

\$20,000 - IR-4. Effectiveness of fungicides in controlling *Phytophthora* diseases. **Gary Chastagner**.

\$24,000 - USDA Floriculture Research Initiative. **Gary Chastagner**.

\$60,000 – PNWCTA. Christmas Tree Pest Management – Advanced Christmas Tree Research Project. **Gary Chastagner**, **John Stark**, and **Art Antonelli**.

\$85,559 - USDA Forest Service. Development of Sudden Oak Death Educational Programs for Washington. **Gary Chastagner**.

## FEATURE PARTNERSHIP

### WOSSA, Washington On-Site Sewage Association WSU Puyallup Partnership

The Washington On-Site Sewage Association, WOSSA, is housed at WSU-Puyallup. WOSSA is a professional organization representing members in the siting, design, installation, and operations management of on-site wastewater systems that treat and dispose of sewage in a safe, reliable and cost-effective way. The organization offers training in those areas, as well as in business management for the industry and realtor education. WOSSA provides education to homeowners and industry professionals, certification, legislative involvement, ethical standards and technical advancement in order to increase the professionalism within the industry. There are approximately 40 classes held per year from October through May. Around 400 trainees participate in the program annually.

For more information on WOSSA, go to <http://www.wossa.org/>



## PEOPLE

We welcome **Andy (Adrienne) Jackson**, our new WSU Puyallup receptionist, who began on April 4th. Andy comes from the corporate world where she worked for a division of Kraft foods for several years before joining us. However, Andy is a lifelong native of the Puyallup area. Andy's

granddaughter (the light of grandma's eye), will soon be starting kindergarten in the same classroom of the same school that Andy attended!

Happy retirement to **Sam Tower**! Sam has served the residents of Washington State through his position with WSU Extension 4-H Youth

Development for 25 years. Following his retirement, Sam and his wife Sarah will be working with Play for Peace in India beginning in late August for one year. A farewell reception will be held for Sam Friday June 10<sup>th</sup> at WSU Puyallup.

**Wendy Hoashi-Erhardt** started March 21, 2005 as an Agriculture Technologist II with the small fruit-breeding program at WSU Puyallup. She is working with the berry pickers, the tissue culture lab, recordkeeping and increasing the laboratory component of the breeding program.

**Norm Dart** completed his MS thesis in Plant Pathology. The Chicona Endowment, the Department of Plant Pathology, and the Pacific Northwest Christmas Tree Association supported his thesis research, entitled "The population structure of *Heterobasidion annosum* infecting Pacific Northwest Christmas tree plantations". **Gary Chastagner** and **Tobin Peever** co-directed his thesis research.

Congratulations to WSU-Mount Vernon NWREC graduate students!!! **Pablo Hernandez** recently completed all of the requirements for his master's degree in plant pathology. Pablo's major advisor was **Lindsey du Toit**. **Jessica Gigot** is the

recipient of a WSU Graduate School Travel Grant. **Jessica** is working towards her master's degree in plant pathology under the direction of **Debra Inglis**. **Renee Prasad** is the recipient of the WSU Association for Faculty Women's Harriett B. Rigas Award. Renee's major advisor is Bill Snyder, Entomology, WSU-Pullman. She is nearing completion of the Ph.D. degree.

Welcome to **Louise Brissey**, hired as an Agricultural Research Technologist II in the Vegetable Seed Pathology program at WSU-NWREC in Mount Vernon.

Congratulations to **Pat King**, new Administrative Manager at WSU-Mount Vernon NWREC. She recently became grandmother to a new grandson!

Thanks to **Kathy Gleissner** for her help in the front office at WSU-Mount Vernon NWREC during the absence of a permanent secretary/receptionist.

**Debbie Inglis** attended Phase III of the ESCOP/ACOP Leadership Training program in Washington D.C. During her visit, she joined the WSU-CAHNRS delegation, and spent a day "On the Hill".

**FIELD DAYS, TOURS AND EVENTS**

<b>DATE</b>	<b>EVENT TITLE</b>	<b>LOCATION</b>	<b>TIME</b>	<b>CONTACT</b>
May 11	WSU Bulb Growers Field Day	WSU Puyallup Allmendinger Center	9:30 AM-1:00 PM	Gary Chastagner 445-4528
May 12	No Till versus Conventional Till Grass Field Trial	Faber Dairy Farm, Everson, WA	TBA	Joe Harrison 253-445-4638
June 1	Groundbreaking - Agricultural Research & Technology Building	WSU-Mount Vernon NWREC	10:30 AM	Debbie Inglis 360-848-6134
June 2	Strawberry Field Day	WSU Puyallup Farm 5	3:00 PM-5:00 PM	Pat Moore 253-445-4525
June 16	Seed Crop Field Day Research Trials	WSU-Mount Vernon NWREC	3:00 PM-6:00 PM	Lindsey du Toit 360-848-6140
June 16-17	Wine Sensory Evaluation Workshop	McIntyre Hall, Skagit Valley College, WSU Mount Vernon <a href="http://learningcenters.wsu.edu/skagit/wineworkshops.html">http://learningcenters.wsu.edu/skagit/wineworkshops.html</a>	See website for time information	Gary Moulton 360-848-6131
June 21	Sports Turf Manager Assoc. Field Day	WSU Puyallup Farm 5	8:00 AM-3:00 PM	Gwen Stahnke 253-445-4513
June 25	Pacific Northwest Christmas Tree Assoc. Summer Meeting and Field Tour	Three Amigos Farm and WSU Puyallup Catered lunch with registration	Call for time information	Gary Chastagner 253-445-4528
June 30	Raspberry Field Day	WSU Puyallup Farm 5	3:00 PM-5:00 PM	Pat Moore 253-445-4525
July 6	Small Fruit Open House	WSU-Mount Vernon NWREC	3:00 PM- 5:00 PM	Pat Moore 253-445-4525
July	Raspberry Machine Harvester Trial	Sakuma Brothers Farm, Burlington	TBA	Pat Moore 253-445-4525
July	Raspberry Machine Harvester Trial	Honcoop Farm, Lynden, WA	TBA	Pat Moore 253-445-4525
July 16	WWFRF Harvest Sample Day	WSU-Mount Vernon NWREC	11:00 AM –2:00 PM	Gary Moulton 360-848-6131
August 3	Feed Management Workshop	Red Lion Canyon Springs Hotel Twin Falls	8:30 AM – 4:30 PM	Joe Harrison 253-445-4638
August 4	Feed Management Workshop	WSU Puyallup Allmendinger Center	8:30 AM – 4:30 PM	Joe Harrison 253-445-4638
August	Small Farms Soil Management	WSU Puyallup	TBA	Andy Bary 253-445-4588
August 13	WWFRF Harvest Sample Day	WSU-Mount Vernon NWREC	11:00 AM – 2:00 PM	Gary Moulton 360-848-6131
August 26	Onion Field Day	L & L Farms Connell, WA	9:00 AM – 12:00 PM	Lindsey du Toit 360-848-6140

September 10	WWFRF Harvest Sample Day	WSU-Mount Vernon NWREC	11:00 AM – 2:00 PM	Gary Moulton 360-848-6131
October 1	2005 HarvestFest	Area farms and WSU Puyallup	Call for details	Rich Hines 253-445-4549
October 8	Fall Field Day and Open House	WSU-Mount Vernon NWREC	8:30 AM – 3:00 PM	Gary Moulton 360-848-6131
October 10-14	Compost Facility Operator Training	WSU Puyallup	TBA	Andy Bary 253-445-4588

**Joe Harrison** – WSU Puyallup, Tip Hudson - Kittitas County and the Livestock Nutrient Management Program, held a 3-day workshop, “Animal Feeding Operations and Water Quality - Resources and Livestock in Balance” in Leavenworth (April). The workshop, attended by 90 staff members of conservation districts and environmental agencies, provided participants with a common understanding of Federal and State water quality rules, best management practices for protecting water quality, and the use of a water quality risk assessment tool.

*Picture: Small breakout groups discuss risk assessment tools and real-farm case studies.*



Around 50 people attended a workshop sponsored by Washington State University and the Washington Organic Recycling Council on Sudden Oak Death (SOD) in March at WSU Puyallup. Gary Chastagner and Andy Bary helped to organize this event. Gary presented “Biology and practical aspects of SOD in Washington” and participated in a SOD round table discussion. Speakers from the California Oak Mortality Task Force, UC Berkeley, USDA Animal and Plant Health Inspection Service, WSDA, WSU and California composters gave presentations on the implications of Sudden Oak Death in relation to composting in Washington. The goal of the workshop was to develop best management practices at a composting facility for controlling Sudden Oak Death.

**Babette Gunderson** and **Jessica Gigot** led students from the Skagit Valley Community College in Mount Vernon on a tour of the WSU-NWREC and the Master Gardener Display Gardens, (February).

**Lindsey du Toit** led 15 horticulture students from Everett High School on a tour of the WSU-NWREC (April).

Eight graduate students from the WSU Department of Plant Pathology and an undergraduate senior doing a research project in that department, toured onion seed and bulb crops in Quincy and Walla Walla in April. They accompanied **Lindsey du Toit**, vegetable seed pathologist from WSU-NWREC, and Hanu Pappu, virologist at WSU-Pullman. The group learned about iris yellow spot virus (IYSV), a new virus disease affecting the onion bulb and seed industry in WA and other western states. (Photo: Field tour group in an onion seed crop near Quincy, getting ready to sample plants to test for IYSV.)



### Upcoming Events:

The ground-breaking ceremony for the new Agricultural Research & Technology Building at WSU-Mount Vernon NWREC is scheduled for June 1, at 10:30 am. WSU President V. Lane Rawlins will be officiating. All of the faculty and staff at WSU-Puyallup are cordially invited to attend.

The Nutrient Management Field Day: Comparison of No Till Technology to Conventional Till Practices for Reseeding a Grass Field will be on May 12 from 1:00 pm-3:00 pm at Harry Faber’s Dairy in Everson, WA. For more information, visit their website: <http://www.puyallup.wsu.edu/dairy/calendar.asp>

A two-day session of Wine Sensory Evaluation Workshops will be on June 16-17, conducted by Dr. Ann Noble of U. C. Davis, internationally known as an expert in wine sensory evaluation. Classes will be presented in McIntyre Hall of Skagit Valley College in Mount Vernon, WA. There are a limited number of spaces in these courses and we expect them to fill up fast, so please sign up early. For detailed information see: <http://learningcenters.wsu.edu/skagit/wineworkshops.html>

## VISITING SCHOLARS

### WSU Puyallup goes International

If you see new faces on campus this summer, they may be one of our five international visiting scholars and interns who will be at WSU Puyallup. Our guests include:

**Khalil Rahim**, intern with the **Small Farms Program**. Khalil is from Pakistan, studying in the U.K. and he will be with us from May 10-Sept. 10.

**Dr. Saud S. AL-Oud**, visiting professor in Soil Science. Dr. AL-Oud will be working with **Shiou Kuo** and he will be here from June 2005 through August 2006. His wife and two young sons, ages 7 and 9, are accompanying him. The family is from Saudi Arabia.

**Anne-Laure Davy**, intern with Crop and Soil Science. Anne-Laure will be working with **Craig Cogger** and **Andy Bary** on sustainable agriculture from May 17-August 11. Anne-Laure is from France.

**Alejandro Fraga**, visiting professor and doctoral candidate, Natural Resource Sciences. Alejandro will be working here with **Jon Johnson** from June 2005 through January 2006. Alejandro's wife and three sons, ages 16, 10 and 5 will be accompanying him. The Fraga's country of origin is Chile and they now live in Italy.

**Shan Zhao** is a doctoral student from China. Shan is possibly a familiar face as she is a graduate research assistant here since 2003 studying for her doctorate in Natural Resource Sciences and working for **Jon Johnson**. She expects to complete her studies in 2006. While here, Shan met her future husband and was recently married. He is also a native of China and works for Microsoft. Congratulations, Shan!

## GENERAL ANNOUNCEMENTS

Sustaining the Pacific Northwest – Food, Farm, & Natural Resource Systems Newsletter, a joint effort between **CSANR, Small Farms Program** and Bob Simmons, WSU Water Resources, won the gold award in the newsletter/series of articles category from ANREP, (Association of Natural Resource Extension Professionals). The gold award designates the best in nation award for that category. The newsletters can be downloaded from <http://csanr.wsu.edu/whatsnew/>

WSU Puyallup joined the spirit of the on-campus Cougar Pride Days in March and dedicated a few days to cleaning our campus. We kicked off the event with a pizza party with around 50 people attending and geared up to clean up. Because we are so fortunate to have a wonderful gardener and nursery worker, **Rick Olexick**, and other maintenance folks who do a consistent job of keeping our campus clean, we did not need to do any exterior cleaning. Our efforts were on interior clean up and organization. Many offices, labs and out buildings had stacks and piles of old files, old equipment, and other stuff. The whole Center came together to take charge of their own offices, as well as mutual storage areas and common meeting areas, and made great improvements. We filled all six paper recycling bins and two dumpsters. At a wrap-

up Center meeting, individuals and teams received award for outstanding individual and team clean up efforts.

The Puyallup Spring Fair hosted "Science Explorations 2005" in April. The science projects displayed in the Fair's Pavilion were from 283 aspiring young scientists representing the 20,563-student Puyallup School District. WSU



Puyallup scientists were on hand Friday night from 6 to 10 pm and again Saturday morning from 8 am to noon to judge project displays and talk with the student scientists about their research. Those volunteering to judge for WSU were **Andy Bary, Rita Hummel, Pat Moore, Vernene Scheurer, Gwen Stahnke, and Gwen Windom**. WSU Puyallup scientists have been invited participants in the Puyallup School District's Science Exploration every year since 2001. Over 700 people attended the Awards Ceremony Sunday evening where Andy Bary and Gwen Windom presented the WSU Puyallup awards to eight excited student scientists.

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Please send news items for the Summer edition of *West by Northwest* to Heather Schriver at Washington State University Puyallup, 7612 Pioneer Way E, Puyallup, WA 98371-4998 or e-mail: [schriver@puyallup.wsu.edu](mailto:schriver@puyallup.wsu.edu). **Deadline for the Summer edition is July 29th.** Co-editors: Heather Schriver and Tanyalee Erwin.