



PNW-ISA 2007

Annual Training Conference Program

Trees: Making The Connection is the theme for the PNW-ISA's 28th Annual Training Conference, being held September 16-19, 2007 on the beautiful campus of Oregon State University in Corvallis, Oregon. This year's program features all the excellence you've come to expect from PNW-ISA conferences - great speakers, good food, and terrific networking opportunities. This year's theme looks at the connections between arboriculture and urban forestry and things like global climate change, small business development, safety, and other natural resource professions. Traditional PNW-ISA conference components such as three tree academies, an exhibit and trade show, and the annual banquet round out this year's event. This year's banquet will feature a tribute to arboriculture pioneer Dr. Alex Shigo. Make plans now to join us in Corvallis this fall.

Sunday, September 16 • Pre-Conference Activities

9:00 am to 5:00 pm

- **Chapter Tree Climbing Championships** - Avery Park in Corvallis, just a few blocks away from the OSU Conference Center, will be the site of the annual PNW Chapter Tree Climbing Championships. Come watch as climbers compete for the chance to represent the Chapter at the 2008 International competition.

1:00 to 5:00 pm • Tree Academies

- **Tree Academy A: Trees and Wind Dynamics** - *Ken James, Research Engineer, University of Melbourne, Australia.* Ken's research is helping arborists learn more about the effect of wind on tree failures. Join us for this fascinating look at the effects of wind on trees, including tree dynamics, wind behavior, and static pull tests.
- **Tree Academy B: Oregon White Oak Grove Management and Restoration** - *Darin Stringer, Forest Restoration Partnership, Eugene, OR, and Steve DeGhetto, Parks Operations Supervisor, Corvallis Parks and Recreation Department, Corvallis, OR.* This academy looks at efforts to restore oak habitats at Bald Hill Park in Corvallis, a popular park with remnant oak forests and savanna oaks. The primary focus will be oak conservation, highlighting restoration and cultural practices that have been used on site. There is a capacity limit of 50 registrants this academy, which will be visiting the Bald Hill site and at least one other Oak grove.
- **Tree Academy C: Getting Started or Moving Ahead in the Arborist Consulting Business** - *Jim Clark, Vice President, HortScience, Pleasanton, CA, and Marty Schulz, Instructor, Linn Benton Community College Small Business Program, Corvallis, OR.* If you're an experienced consulting arborist or relatively new to the business, this academy will help you excel and achieve in this profession. Jim and Marty will look at the technical and the business aspects of being a successful consultant.

Monday, September 17 • Field Day on the OSU Memorial Union Quad

8:00 am to 5:00 pm

PNW-ISA's ever popular annual field day consists of a variety of informal walks, talks, and demonstrations covering a wide variety of arboricultural topics. In addition to equipment vendors and displays, the scheduled topics and presenters include:

- **Young Tree Structural Pruning** - *Larry Costello, Horticulture Advisor, UC Extension, Half Moon Bay, CA*
- **Trees of the OSU Campus** - *Pat Breen, Professor Emeritus of Horticulture, OSU, Corvallis, OR*
- **Visual Tree Assessment in Urban Settings** - *Norm Hol, ArborTech Consulting, Richmond, BC*
- **Trees in Intensively Used Landscapes** - *David Sandrock, Assistant Professor of Horticulture, OSU, Corvallis, OR*
- **Electrical Hazards Demo Trailer**

- **International Tree Failure Database Training** – *Norm Hol, ArborTech Consulting, Richmond, BC, and Paul Ries, Urban Forestry Program Manager, Oregon Dept. of Forestry, Salem, OR*
- **Tree Planting, Staking, and Un-staking** - *Larry Costello, Horticulture Advisor, UC Extension, Half Moon Bay, CA*
- **OSU Plant Disease Clinic** - *Melodie Putnam, Chief Diagnostician, OSU Department of Botany and Plant Pathology, Corvallis, OR*
- **Climbing Equipment and Techniques** - *Dan Kraus, PNW Tree Climbing Champion, Seattle, WA*
- **Trees and Turf** - *Tom Cook, Professor of Horticulture, OSU, Corvallis, OR*
- **Tools for Measuring the Impact of Wind on Trees** – *Ken James, Professor, University of Melbourne, Melbourne, Australia*
- **Trees Inventory and Mapping OSU Campus** - *Speaker TBA*
- **Tree Climber Health and Wellness** - *Maggie Cooper, Corvallis Physical Therapy*



Tuesday September 18 • Educational Sessions

8:00 am to 5:00 pm

7:00 to 8:00 am Continental Breakfast with Exhibitors

8:00 to Noon **Morning General Session**

PNW-ISA Annual General Meeting • Keynote/General Sessions

- **Connections between Arboriculture and Climate Change** – *Ron Neilson, Bioclimatologist, US Forest Service.* Dr. Neilson works with MAPSS (Mapped Atmosphere-Plant-Soil System), a landscape to global vegetation distribution model that was developed to simulate the potential biosphere impacts and biosphere-atmosphere feedbacks from climatic change. Model output from MAPSS has been used extensively in the Intergovernmental Panel on Climate Change's (IPCC) regional and global assessments of climate change impacts on vegetation and in several other projects. His presentation will discuss this model and look at the issue of global climate change and how it connects to our professional work in urban forestry and arboriculture.

Break

- **The Evolution Of Urban Forestry - Here Today, Gone Tomorrow?** – *Jim Clark, Vice President, HortScience, Pleasanton, CA.* Having attended the first US National Urban Forestry Conference back in 1978, Jim has seen the idea of an "urban forest" evolve into a profession. Jim will offer his observations and reflections on both the history and future of urban forestry, and the connections we need to make as professionals.
- **Understanding the Connection between Dynamic Wind Forces and Hazard Trees** – *Ken James, Research Engineer, University of Melbourne.* Ken will present some of his recent research that measures wind forces on trees with dynamic sensors and connects wind forces to tree failure. The static tree pull test will be discussed so that an evaluation can be made of how well this static test represents dynamic wind forces on trees.

Noon to 1:00 pm **Lunch**

1:00 to 5:00 pm **Afternoon Concurrent Sessions**

Commercial

Developing a Training and Safety Plan – *Deb Bogart, Safety Coordinator, Oregon Department of Forestry, Salem, OR.* Come hear practical tips for assessing requirements, identifying hazards and formulating a corresponding Training and Safety Plan.

Certified Tree Care Safety Professional – *Lyle Feilmeier, Collier*

Utility

Regulatory Update - *Jerry Murray, Senior Safety Supervisor, Oregon Public Utilities Commission, Salem, OR.* Jerry will provide an update to the OPUC's Vegetation Clearance Requirements for utilities.

Laser Technology Solutions in Utility Vegetation Management – *Joe Cronn, Laser Technology, Camas, WA.* Joe will discuss the latest

Municipal

When Trees Attack: the December 2006 Storms – *Elizabeth Walker, Consultant, Sound Tree Solutions, Duvall, WA, & Sarah Griffith, Urban Forestry Program Manager, Washington DNR, Olympia, WA.* Elizabeth and Sarah will share the outcomes of a symposium held in the wake of a major windstorm, where 150 arborists and urban foresters gathered to talk about

ArborCare, Portland, OR, and **Cynthia Mills**, President, Tree Care Industry Association, Manchester, NH. TCIA recently announced the launch of the industry's first safety certification program – The Certified TreeCare Safety Professional (CTSP). Lyle and Cynthia will discuss the history, scope, and future of this program.

Developing a Business Plan – **Marty Schulz**, Instructor, Linn Benton Community College, Corvallis, OR. Where is your arboriculture business headed? Do you have a plan for where you want it to go? Marty will discuss how small businesses effectively plan for the future.



technology available to accurately measure distances, clearances, and heights of trees.

Right Design, Right Place? Moving Beyond Right Tree, Right Place - *Speakers TBA*. From new tree varieties for planting under power lines to a successful design review process for ensuring proper trees are designed for planting near power lines - how are planners and utilities working together to the benefit of our urban forests? This session looks at how we move beyond slogans to actual landscape results.

Customer Satisfaction Strategies - *Dave Johnson, Senior Forester, Portland General Electric, Wilsonville, OR*. Dave will discuss strategies developed for responding to requests for assistance based on ongoing customer survey work.

what really happened tree-wise, the lessons learned, and how to respond positively to media stories with titles like "When Trees Attack".

Reducing Infrastructure Conflicts – **Larry Costello**, Horticulture Advisor, University of California Extension, Half Moon Bay, CA. Larry will provide an overview of strategies used to reduce infrastructure damage by tree roots, such as those that focus on the tree, those that focus on design and materials, and those that focus on the rootzone. Each strategy will be addressed in terms of its advantages and limitations.

Quantifying Ecosystem Services – **John Lambrinos**, Assistant Professor of Horticulture, Oregon State University, Corvallis, OR. How much environmental benefits do trees make to our surroundings? John will discuss the concept of "Ecosystem Services" and explain how this information can be used.

Break With Exhibitors

Commercial (cont.)

Landslides in the PNW – Connections to Trees – **Scott Burns**, Geology Professor, Portland State University, Portland, OR. Scott will present the latest thinking about the relationships between trees and landslides in PNW landscapes.

Sudden Oak Death Update – **Alan Kanaskie**, Forest Pathologist, Oregon Dept. of Forestry, Salem, OR. Alan will provide an update on Sudden Oak Death in the Pacific Northwest and describe the status and prospects of the ongoing eradication effort in Curry County, OR. He also will discuss disease management options, regulations, and opportunities for arborists.

Utility (cont.)

Challenges and Strategies to Dealing with Pine Bark Beetle Infestations adjacent to Easements and Right-of-Ways – **Duncan Isberg**, BC Hydro, Vancouver, BC. Duncan will share the work being done at BC Hydro to address the pine bark beetle infestation in trees and tree stands adjacent to power line corridors.

Chemical Updates for Utility Arboriculture - **Bob Stewart**, DowAgro, Salem, OR, and **Chip Doolittle**, ArborSystems, Omaha, NE. This presentation will cover the latest in herbicides and application techniques as well as effective strategies using tree growth regulators to extend cycle lengths.

Municipal (cont.)

City Forestry: Better, Cheaper, Faster – **John Giedraitis**, Urban Forestry Program Manager, Texas Forest Service, College Station, TX. Hear about how to apply customer service principles and practices from private industry to city forestry. Learn tips that will increase your customer's satisfaction and your staff's morale.

What's In Your Urban Forestry Toolbox? An Analysis of What Your Program Has and What It May Need – **Dana Karcher**, Project Developer, Davey Resource Group, Bakersfield, CA. Making sure that your program has all the right components to be successful is critical to growing your urban forest. These "tools" will guide and enhance your program!

5:00

Adjourn

6:00

Live Auction and Banquet

Wednesday September 19, 2007 – Educational Sessions

8:00 to 12:00 pm

7:00 to 8:00 am Continental Breakfast with Exhibitors

8:00 to 10:00 am **Concurrent Sessions**

Session A

Entrepreneurial Urban Forestry– *John Giedraitis, Urban Forestry Program Manager, Texas Forest Service, College Station, TX.* John has been involved in dozens of fundraisers and as City Forester of Austin he raised more than one-million dollars for tree planting efforts. His talk will cover the traditional and innovative ways your group can raise funds for your programs.

Outside Help: Using Consultants and Non Profits to Support Your Program – *Dana Karcher, Project Developer, Davey Resource Group, Bakersfield, CA.* Consultants and Non Profits can be an asset to your program. Learn how to manage and integrate them into projects and plans for your urban forest.

Coordinating Utility-Municipal-Commercial Response To Storms – *Beth Rogers, Manager Of Contractor Management, Puget Sound Energy, Renton, WA, and Nolan Rundquist, City Forester, City of Seattle, WA.* Recent wind and storm events in the Northwest have reiterated the need for close cooperation among utility, municipal, and commercial sectors of the Arboriculture profession. Beth and Nolan will discuss how agencies and companies can coordinate storm response.

Session B

Using Plant And Soil Analyses As A Tool To Apply Nutrients Successfully – *Tim Righetti, Horticulture Professor, Oregon State University, Corvallis, OR.* With the information that is now available, anyone can look up sufficiency ranges to help interpret soil and plant analyses. This presentation will present concepts that are useful in going beyond a simple interpretation. Supplementing laboratory data with knowledge about plant physiology and soil properties can help us make better use of soil and plant analyses.

Maintaining the Health of Native Forest Remnants – *David Shaw, Assistant Professor, Forest Science Dept., Oregon State University, Corvallis, OR.* Native forest remnants pose a special management situation for arborists and city foresters. This presentation will present concepts to consider in maintaining the health of native forest remnants.

Flaws In The Planning Process That Reduce Urban Tree Survival– *Tom Cook, Associate Professor of Horticulture, Oregon State University, Corvallis, OR.* Tree planting projects continue to fail in spite of our constantly increasing knowledge of factors that result in poor growth or death of newly planted trees. This talk will explore the reasons for tree failures and the glitches in the planning process that allow this sad state of affairs to continue with each new project. Ideas for changing the process will also be presented.

10:00 - 10:30 am **Break**

10:30 – 11:45 am **Closing General Session**

- **Planning for Trees and Development** - *Arne Nyberg, President, Nyberg Limited Partnership and City Councilor, Rivergrove, OR. Chris Neamtzu, Long Range Planning Manager, City of Wilsonville, Wilsonville, OR.* Most of the average arborist's work on tree preservation takes place during the construction phase of development rather than the planning phase. The speakers in this session will give you a glimpse inside the planning for development process, with an eye towards how arborists can play a greater role earlier on to bring success to development projects. Arne is in the midst of developing a major retail center that has a strong tree preservation component, and Chris has many years experience dealing with tree issues in a fast-growing city.

11:45 am **Conference wrap-up, presentation by ATC08 committee**

Noon **Adjourn**



Pacific NorthWest-ISA 2007 • 28th Annual Training Conference Oregon State University • September 16-19, 2007

Registration Times and Locations

Sunday, September 16

Tree Academies • 11 AM to 6 PM @ OSU LaSells Stewart Center

Monday, September 17

Field Day • 7 AM to 3 PM @ OSU Memorial Union

Tuesday, September 18

7 AM to 4 PM @ OSU LaSells Stewart Center

Wednesday, September 19

7 AM to 10 AM @ OSU LaSells Stewart Center

Lodging: Hotels and Residence Halls

Room blocks are available at the Hilton Garden Inn and Holiday Inn Express hotels in Corvallis from Sunday, September 16 to Wednesday, September 19. To secure conference rates, be sure to mention "PNW-ISA" when making your reservation. Reserve your room early, these rates are only available until August 17, 2007.

Hilton Garden Inn

2500 SW Western Boulevard, Corvallis 97333
(541) 752-5000 (local reservations number)
(541) 752-5001 (hotel fax)
\$94/night (Sunday to Wednesday)

Holiday Inn Express

781 NE Second Street, Corvallis 97330
(541) 752-0800 (local reservations number)
(541) 752-0600 (hotel fax)
\$89/night (Sunday to Wednesday)

OSU Cauthorn Hall

This year, on campus housing is available for single - \$37.50/night and double - \$28.50/pp/night. Reservations can be made online with OSU Conference through the conference registration process.

Meals

Meals included in Conference registration:

Sunday - afternoon break

Monday - AM/PM breaks, lunch, pm reception

Tuesday - continental breakfast, AM/PM breaks, lunch and evening banquet

Wednesday - continental breakfast, AM break.

Single day tickets include everything for that day except a banquet ticket. Full conference registration includes banquet ticket.

For additional meals see registration form.

Directions

To Oregon State University

From I-5 North or Southbound • Take exit #228, Hwy 34 west, follow signs to OSU.

To Avery Park

(Chapter Tree Climbing Championship)
Turn left from Hwy 34 onto bypass (Hwy 20).
Turn left at first stop light (15th St.)

To Hilton Garden Inn

Turn left from Hwy 34 onto bypass (Hwy 20).
Turn right at second stop light (26th St.)

To Holiday Inn Express

Enter Corvallis on Hwy 34. Turn right on 2nd street just after crossing the Willamette River.

Airport Shuttle

The OSU campus and Hilton Garden Inn are served by Hut Shuttle with service from Portland International Airport and Eugene Airport every 90 minutes. One-way rates (as of May 2007) to Corvallis were \$48 from Portland and \$40 from Eugene.

Effective June 1, 2007, paid reservations by credit card are required. Reservations can be made by phone until 4 PM the day before your trip or online 12 AM (midnight) the day before your trip. Cancellation by these cutoffs times and methods includes full refund.

Contact Hut Shuttle at www.hutshuttle.com or 888/257-0126.

Parking

FREE daytime parking (no permit required) is available in the open parking lot east of Hilton Garden Inn located at 26th and Western Blvd. Daily visitor permits, available for \$5/day, can be obtained from various pay and display stations on campus.

At Oregon State University

The parking garage at the corner of Washington and 26th Streets is available for \$5/day. Metered parking is also available on Monroe and Jefferson St.

At Hotels

Both the Hilton Garden Inn and Holiday Inn Express provide complimentary parking for registered guests.

Continuing Education Units (CEUs)

Sign-in sheets for ISA Continuing Education Units (CEUs) will be available at the end of each major session. Sign-in sheets for Monday's Field Day will be next to the PNW-ISA Booth from 3 to 4 PM only. For the morning and afternoon indoor sessions, sign-in sheets will be available at the back of the meeting for 30 min. at the end of the session.

Please have your certification number ready. You are responsible for signing in after sessions as instructed. Sign-in sheets for previous sessions and/or the previous day will NOT be made available for late signatures. If you miss any sign-ups for sessions attended, you will need to submit a post-event CEU request directly to ISA Certification in Champaign, Illinois. Efforts have been made to speed the sign-in process. Wait time is about 5-8 minutes.

Please stay in line or risk losing credits.

Exhibitor Hours

Spend some quality time with our exhibitors at the outdoor Field Day, Monday Night Reception, and indoor Trade Show Tuesday and Wednesday. Continental breakfasts are scheduled with exhibitors Tuesday and Wednesday mornings from 7 to 8 AM. Morning and afternoon breaks also allow time to visit exhibitors.

Chapter Tree Climbing Championship

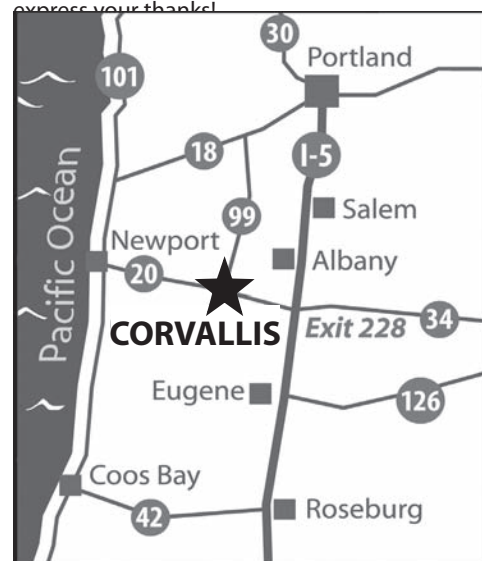
Spectators welcome! Come cheer on the climbers and watch some incredible tree climbing moves. The preliminary events start around 9 AM with the Master's Challenge tentatively scheduled at 2:30 PM. Our top female and male climber will represent the Chapter at the 2008 International Tree Climbing Championship!

TREE Fund Auction

Auction items will abound this year. The Silent Auction items will be open for viewing during Monday's Reception. Bids will be taken through Tuesday afternoon and closed in time to move on to the Live Auction Tuesday night.

Thank Our Sponsors

From breaks, lunches, and speakers to the reception, banquet, and overall conference, the Pacific Northwest ISA's Annual Training Conference is memorable and possible with help from our many sponsors. Take time to express your thanks!



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THREE Easy Ways to Register:



Mail:

Attn: Jamie LeGore
OSU Conference Services
100 LaSells Stewart Center
Corvallis, OR 97331



Fax:

(541) 737-9315



Online:

www.pnwisa.org

	Member		Non-Member		Student	#	Sub Total
	US\$	CDN\$*	US\$	CDN\$*	**		
Full Conference PLUS Tree Academy (Sunday - Wednesday) Please select Sunday Academy Choice: <input type="checkbox"/> \$350	<input type="checkbox"/> \$350	<input type="checkbox"/> \$402	<input type="checkbox"/> \$438	<input type="checkbox"/> \$504	<input type="checkbox"/> \$160		_____
<input type="checkbox"/> A: Tree and Wind Dynamics							
<input type="checkbox"/> B: Oregon White Oak Grove (limited to 50)							
<input type="checkbox"/> C: Arborist Consulting Business							
Full Conference (Monday - Wednesday) <input type="checkbox"/> \$290	<input type="checkbox"/> \$290	<input type="checkbox"/> \$333	<input type="checkbox"/> \$363	<input type="checkbox"/> \$418	<input type="checkbox"/> \$115		_____
Tree Academy ONLY (Sunday) Please select Sunday Academy Choice: <input type="checkbox"/> \$90	<input type="checkbox"/> \$90	<input type="checkbox"/> \$103	<input type="checkbox"/> \$113	<input type="checkbox"/> \$130	<input type="checkbox"/> \$45		_____
<input type="checkbox"/> A: Tree and Wind Dynamics							
<input type="checkbox"/> B: Oregon White Oak Grove (limited to 50)							
<input type="checkbox"/> C: Arborist Consulting Business							
Any Single Day Please select Day:							
<input type="checkbox"/> Monday <input type="checkbox"/> \$125	<input type="checkbox"/> \$125	<input type="checkbox"/> \$143	<input type="checkbox"/> \$157	<input type="checkbox"/> \$180	<input type="checkbox"/> \$45		_____
<input type="checkbox"/> Tuesday (does not include banquet) <input type="checkbox"/> \$125	<input type="checkbox"/> \$125	<input type="checkbox"/> \$143	<input type="checkbox"/> \$157	<input type="checkbox"/> \$180	<input type="checkbox"/> \$45		_____
<input type="checkbox"/> Wednesday <input type="checkbox"/> \$125	<input type="checkbox"/> \$125	<input type="checkbox"/> \$143	<input type="checkbox"/> \$157	<input type="checkbox"/> \$180	<input type="checkbox"/> \$45		_____

Additional Options

Guest Meal Package for Full Conference US \$150 x _____ = _____

Guest for Banquet (on Tuesday) ONLY US \$40 x _____ = _____

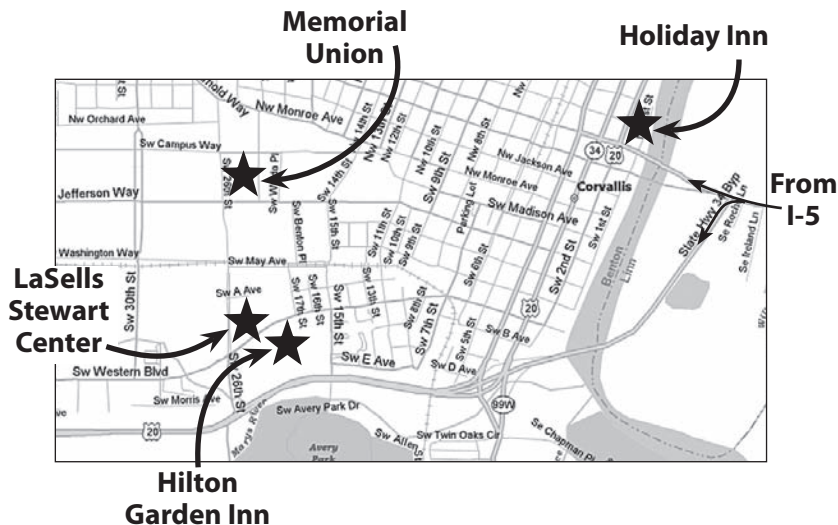
All vegetarian meals All vegan meals

TOTAL Registration Fees _____

TOTAL Additional Fees _____

\$30 Late Fee if registering AFTER August 17, 2007 _____

TOTAL DUE



* **Canadian Rates** - OSU Conference Services can ONLY accept checks from Canadian banks IF drawn in US funds. If you wish to pay with a Canadian check in Canadian funds, please contact the Chapter office directly at 800/335-4391 or info@pnwisa.org. Canadian rates are guaranteed if paid by check ONLY. All credit card transactions are process in US funds and may be more or less than amount stated depending on the current exchange rate.

** To **register as a student**, faculty advisor must sign here:

Advisor _____
University _____

Will you be attending the Tuesday **UAA luncheon**?
 Yes, I will attend No, I won't be attending