

CALIFORNIA URBAN FORESTS COUNCIL

# *From Urban Wood to Final Form*

CELEBRATING THE UNIQUENESS &  
UTILIZATION OF CALIFORNIA URBAN WOODS

APRIL 2-4  
PALOMAR COLLEGE, SAN MARCOS, CA



invest  
from the  
ground up®

GROWING TREES MAKE GREAT NEIGHBORHOODS



## **THURSDAY APRIL 2, 2105**

**5:00 p.m.** *Registration Opens*

**5:30–7:30 p.m.** *Opening Reception*  
(pre-registration required)

**Rip Current Brewery,**  
1325 Grand Ave #100,  
San Marcos, CA 92078  
(760) 481-3141

## **FRIDAY APRIL 3, 2015**

**7:00–8:00 a.m.** *Registration/Exhibits/  
Breakfast with Sponsors*

**8:00–8:15 a.m.** *Welcome*

**Nancy Hughes** (CaUFC) &  
**Jack Stone** (Palomar College)

**8:15–9:00 a.m.** *Keynote*

### ***How We Use Urban Logs & Lumber To Make Dreams Come True***

**Ron Daniels** Animal Planet’s Redwood Kings

After graduating with a MS degree in Mathematics from Cal Poly, SLO in 1999, Ron and his brother founded DWL and began creating custom tree houses. Today he co-stars on Animal Planet’s Redwood Kings, and runs a 45 man company building tree houses, shooting galleries, carvings, and themed environments worldwide.

**9:00–10:00 a.m.** *Technology & Design*

### ***Tree to Table: Making Furniture from Urban Lumber***

**William Stranger** Stranger Furniture

William will talk about the process of designing and building furniture from urban trees. He will share stories from his personal journey as a woodworker and aspiring urban forester describing the advantages and difficulties of working with lumber harvested from the city. The presentation will be illustrated with photographs showing materials, procedures and finished pieces.

William Stranger has been building fine, modern furniture with a minimalist sensibility since 1987. Influenced by the basic structure of trees, Stranger strives to impact the environment as little as possible. His primary source of material is timber from local urban salvage. In 2005, Stranger’s Monolith Bench won best design in the Good Wood show at the Pasadena Museum of California Art. Stranger’s work has been published in The New York Times, Los

Angeles Times, Dwell, Interior Design, Flaunt, Luxe and Fine Woodworking. He is a member of the LA Box Collective.

### ***Updates on UF&I’s Online Resources*** Urban Forest Ecosystems Institute

**Jeff Reimer** Cal-Poly

Latest updates on UF&I online resources, including SelecTree: A Tree Selection Guide and its California nursery connection, celebrate California Big Trees, tree identification with UrbanTreeKey, Forestree – pest and diseases and UrbanWood’s online directory.

Jeff earned his BS in Forestry and MS in Urban Forestry from Cal Poly State University, San Luis Obispo where he is currently employed in the Natural Resources Management and Environmental Sciences Department. Jeff has developed, managed and maintained the UF&I online resources since 1995. He is a Certified Forester and a member of SAF (Society of American Foresters), Central Coast Urban Forest Council, and presently on the California Urban Forestry Advisory Committee. Jeff is passionate about the need for education and the accuracy of information relating to trees as a treasured resource.

**10:00–10:15 a.m.** *Break with Sponsors*

**10:15 a.m.–12:30 p.m.**  
*Science, Research & Best Practice*

### ***Grading Lumber for Urban Hardwoods***

**Peter Tittmann** UC Forest Products Lab

An introduction to lumber grading and its relevance to in producing wood and wood product from urban trees.

Dr. Tittmann is a research and extension specialist in wood utilization at the UC Center for Forestry at UC Berkeley.

### ***Wood Treatment Precautions with Bugs***

**John Kabashima** UCCE - Orange Co

Born and raised in Southern California, where his family owned a small retail and wholesale nursery in Los Angeles, Kabashima has spent a lifetime researching and teaching the green industry. Kabashima has done extensive research and has written books about insect, disease and weed management in ornamental horticulture production systems and in the landscape; biological control of exotic pests; water use, water-related

problems; total maximum daily loads; detection and removal of pathogens, pesticides and nitrates in recycled water systems and in agricultural runoff water.

### ***Carbon Sequestration Utilizing Urban Woods***

**Sam Sherrill**

Professor Emeritus, University of Cincinnati  
Author, “*Harvesting Urban Timber*”

An estimated 774 million tons of carbon are sequestered by urban trees in the U.S. This is approximately 2.84 billion tons of CO<sub>2</sub>e (equivalent). Forest product research has established that wood products store carbon that might otherwise be released into the atmosphere to form CO<sub>2</sub>. This research focused exclusively on products manufactured from trees commercially harvested from rural timberlands. There was no comparable research on the sequestration potential of urban wood products. This presentation describes the results of research by Steve Bratkovich and Sam Sherrill on urban hardwood products. Of three – mulch, fuel, and products – we focused on products since neither mulch nor fuel offer the same potential. Argument also made to treat urban forest products as separate industry.

For twenty years, as an author, woodworker, researcher, and advocate, Sam Sherrill has been deeply involved in the effort to utilize urban trees as a source for wood projects. He is the author of “Harvesting Urban Timber: A Complete Guide”. Sam has given numerous talks on the subject and been widely covered in the media. As a guest on the New Yankee Workshop, he explained and promoted the idea. He organized two urban forest products conferences, one in San Francisco and the other in Asheville, NC. He is a strong advocate for the recognition of urban forest products as a separate industry and for the formation of a national UFP organization.

*Panel Discussion, All*

**12:30–1:30 p.m.** *Lunch & Networking*

## **FRIDAY AFTERNOON SESSIONS**

**1:30–2:30 p.m.** *Marketing & Outreach*

### ***Working Cooperatively to Create a Larger Market Presence for Urban Lumber***

**Jennifer Alger** Far West Forest Products

Jennifer Alger operates Wood-Mizer Products of California along with her father Jim Evans. She has years of experience matching people with the best sawmill to fit their needs, and has helped support their success by providing dedicated service and support. Jennifer also runs lumber sales and promotion for Far West Forest Products, actively promoting west coast woods, and the utilization of urban logs for lumber. She has a passion for helping other sawmill operators achieve success including helping them market their product.

### ***Leveraging State & Local Assistance to Fund Urban Wood Use Programs***

**John Melvin** CAL FIRE

An overview of the way urban wood utilization efforts complement and enhance the effectiveness of urban forests in providing multiple benefits to urban residents.

John Melvin manages the Urban and Community Forestry Program (U&CF) for the California Department of Forestry and Fire Protection (CAL FIRE). John graduated from Humboldt State University in 1999 with Bachelor of Science degree with a major in Forestry and a minor in business. He is an International Society of Arboriculture Certified Arborist (WE-5889A) and a California Urban Forest Council Certified Urban Forester (#101). He is also a State of California Registered Professional Forester (RPF #2817).

### ***Using the Media to Market Your Products***

**Jennifer Alger** Far West Forest Products

**2:30–2:45 p.m.** *Break with Sponsors*

**2:45–4:25 p.m.** *Case Studies*

### ***San Francisco Urban Wood Re-Use Study***

**Jonathan Dirrenberger**

Presidio Graduate School

As part of an Experiential Learning (EL) project with the San Francisco Planning

Department, students in the Spring 2014 Operations and Production class at the Presidio Graduate School (San Francisco, CA) undertook a comprehensive study to understand the existing state of urban forest wood usage in the City of San Francisco and make recommendations on how to better align this process with the sustainability strategies set forth by the City.

Jonathan is currently pursuing an MBA in Sustainable Management at the Presidio Graduate School. He has a BS and MS in Mechanical Engineering from the University of Rochester (Rochester, NY), an Engineer’s Degree in Aeronautics & Astronautics from Stanford University (Stanford, CA), and has worked as an aerospace engineer for over 8 years at SSL in Palo Alto, CA designing and building communications satellites. He’s passionate about creating livable cities via large increases in walking, bicycling, public transit, and nature in the city. Urban wood is a recent interest based on his experiences at Presidio Graduate School.

### ***Start Up - Lessons Gained from Cal Fire’s Sawmill Loan Program***

**Ray Tretheway**

Sacramento Tree Foundation

A community benefit organization shares a unique perspective of building a urban wood recycling program from the ground up. Working with municipal governments, private tree companies, local millers, craftsmen and artisans opportunities unfold, and collapse, in their effort to build a profitable business model.

### ***Urban Forest Stewardship Certification Is Sustainability***

**Mark Mead** City of Seattle &  
**Kirk Hansen** Northwest Certified

Can we develop a sustainable wood market from our “urban” forests? Educating communities that harvest has value and benefit is essential. Seattle’s Green Seattle Partnership (GSP) is driven by volunteerism and is the first Forest Stewardship Council Certified urban-forested parklands in the US. Certification was not intended to qualify wood for market; rather it is a test of the sustainability of the GSP practices. Proof that this approach is working is that our volunteers are now asking us to perform thinning to release conifers in a major urban core. Join us to hear how this has been done.

Mark has been working in urban forestry and forestry for the last 30 years. His interests lie in the areas of forestry technology (used LIDAR to develop Seattle’s canopy way back in 2002), community engagement (the Green Seattle Partnership hosts over 1,240 volunteer events a year) and fiscal responsibility (his unit exceeded revenue expectations by 50% for the last 3 years). Mark is working with the Society of American Foresters to expand urban forestry opportunities within traditional forestry. Mark’s program has been used as a case study for the Intersector Project, a multi-sector approach to problem solving. Find out more at <http://intersector.com/case-studies/environmental-conservation/item/green-seattle.html> .

Kirk Hanson is a small woodland landowner who manages 100 acres of family-owned forest in Western WA. He has served forest owners throughout the Pacific Northwest for over 20 years working for both private organizations and public agencies. As Director of Northwest Certified Forestry, Kirk provides ecologically-based forestry consulting and planning services to private, NGO and public forest owners. Kirk graduated from The Evergreen State College in 1995 with a B.S. in Sustainable Resource Management.

*Panel Discussion, All*

**4:25–5:00 p.m.** *Science (cont.)*

### ***Wood Anatomy for Wood Workers***

**Jim Downer** UCCE - Ventura Co.

This presentation will discuss the anatomy of hard and soft woods and discuss the cells that make up wood and how they affect its use as wood in service.

**5:00 p.m.**

*Friday Closing Announcements / CEU’s*

**5:30–6:30 p.m.**

*Tour at Palomar Arboretum*

(Limited to 35 - must sign up separately)

## **SATURDAY APRIL 4TH**

**7:00–8:00 a.m.**

*Registration/Exhibits/  
Breakfast with Sponsors*

**8:00–8:05 a.m.** *Announcements*

## Celebrating the Uniqueness & Utilization of California Urban Woods "From Urban Forest to Final Form"

8:05–9:30 a.m. Education

### Urban Tone Woods for Stringed Instruments & Palomar College Woodworking Programs

Jack Stone Palomar College

Palomar College is one of the most comprehensive woodworking programs in the nation. With 8 different Certificate/Degree programs and over 50 courses our basic mission is to help students learn how to make a living at woodworking. One of our programs is Guitarmaking. There are a few urban species which are excellent choices as tone woods for stringed instruments. We will introduce and discuss Tone Woods and embellishment species and best milling practices.

Jack Stone has taught woodworking for over 30 years and Instrument building for the past 17 years.

### What I Learned In College; Thoughts on the Future of Urban Wood

Robin Freeman Merritt College

Robin Freeman, Director of the Institute for Sustainable Policy Studies at Merritt College and emeritus Professor of Ecological Design and Urban Planning is a woodworker, builder and designer who has served on Boards and Commissions related to waste reduction, historic preservation, wildfire management, ecological restoration and environmental justice. Noel Woodhouse, North Street Collective Program Director was born and raised in Willits and earned a B.S. in Spanish from UC Davis and a certificate in Green Building from Merritt College. He has returned home to educate and inspire a new generation of youth as a high school Green Building teacher and coach and at Mendocino Community College.

### Northern California Lumber Use At The College of the Redwoods

David Welter College of the Redwoods

Students from all over the world come to the Fine Woodworking program at the College of the Redwoods on the Mendocino Coast. Though some of the lumber used in their projects also comes from exotic places, a significant amount of the material is regionally sourced. This presentation will highlight creative use of wood from Northern California.

Coming off a Iowa dairy farm, David Welter's owes his current position in part to the encouragement of his high school shop

teacher. His first regularly paying job was cabinet setting in Winnebagos. Progressing to employment under a humble masterful carpenter, then in architectural millworks, he took the leap of faith of becoming a student of James Krenov in 1982. Good fortune allowed him the position of aide at the College of the Redwoods Fine Woodworking in Fort Bragg, CA in 1986. He has since been responsible for whatever goes wrong in daily operations there.

Panel Discussion, All

9:30–10:00 a.m. Break

10:00–10:30 a.m. Kiln Drying & Demo;  
Jeremy Howard Nile Kilns

The presentation identifies the components required to kiln dry lumber, what it means to kiln dry lumber, and how a kiln actually works.

My career began with Nyle Systems over 10 years ago as a software engineer, developing kiln controls for our customers. Throughout the years I've had the opportunity to visit with our customers and help them with their various drying processes. Those experiences have taught me the importance of listening to the lumber and identifying what's happening in the kiln. I like to describe lumber drying as both a way of life and in a lot of cases; a form of art.

10:30–12:30 p.m.

Demos\* (regular demonstrations on rotation schedule) Exhibits, Art Shows

12:30–1:30 p.m.

Lunch & Networking with Sponsors

### SATURDAY AFTERNOON SESSIONS

1:30–3:30 p.m.

Demos\* (regular demonstrations on rotation schedule), Exhibits, Art Shows

3:30–3:45 p.m.

Saturday Closing – CEUs, final thoughts

\*Expected: Far West, Woodmizer, West Coast Arborists, Nyle Kiln & Vacuum Kiln, Lucas Mill, Palomar College Bandmill & other woodworking demos, artists & woodworkers, and more!



Palomar College  
Cabinet & Furniture Technology

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EAST-WEST URBAN LOGGERS