

March-April, 2015

Woodworker WEST

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- **California Urban Wood Conference at Palomar College**
- **Northwest Gallery's 'Box & Container Show'**
- **'Texas Furniture Makers Show'**
- **'Materials: Hard & Soft' Exhibit**
- **'Contemporary Crafts' at Mesa Arts**
- **S.F. Woodworkers' Annual Show**
- **David Marks Answers Readers Questions**
- **Tapered Bent Lamination**
- **Benefits of Green Wood Turning**
- **Northwest Woodworking Studio's Masters**
- **Profile: David Marr, furnituremaker**
- **Wood Installations: Good, Bad, Organic**

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ON THE COVER

David Marr

David Marr of San Diego, CA was last year's *Best of Show* winner at the *Design in Wood* exhibition in San Diego, CA. Most of his work follows classical designs, such as his *Art Deco Chiffonnier* (50" h, 30" w, 21" d), constructed with Makore and Holly. Learn more about David in a *Profile* on Pages 54-55.

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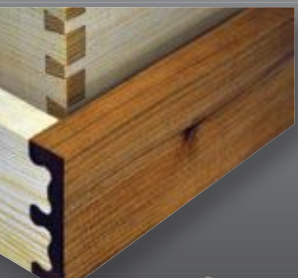
Cutting the back splat mortise with the panel clamp.



Using the turning system to mill the legs and mortise/tenon joints.



Cutting the straight tenon on the vertical work table.



CALIFORNIA URBAN WOOD CONFAB AT PALOMAR COLLEGE, APRIL 2-4

A coalition of public and private organizations have come together to sponsor the conference *Celebrating the Uniqueness & Utilization of California Urban Woods*, April 2-4, at Palomar College in San Marcos, CA.

Aimed at the forester to the craftsman, this event will address urban wood utilization, from harvesting to final product construction. It will cover policy issues for better management of trees in the urban environment and the practical application of recycling downed and removed trees as usable wood product materials. The ultimate objective is to reduce strain on our environment and reduce waste sent to landfills.

The keynote speaker will be **Ron Daniels** of the television program *Redwood Kings* on the *Animal Planet* network. Ron, and his twin brother John, are known for utilizing downed trees in their thriving business of constructing whimsical projects, from commercially-themed amusements (such as animatronic shooting galleries) to residential structures (such as tree houses).

There will be scientific talks on the anatomy and properties of wood, as well as practical utilization. **William Stranger** will be on hand to explain his use of urban trees in his Pasadena, CA furniture business, and other workshops on design and techniques are being organized.

To assist the urban sawyer, such topics as taking advantage of financial assistance, accessing sawmill equipment, and marketing will be addressed. There also will be demonstrations of vari-

ous equipment, including milling machines and drying kilns.

Of most interest to both the sawyer and craftsman is the formation of a cooperative database of reclaimed urban wood. Explained by **Jennifer Alger** of Far West Forest Products, this collective helps the sawyer market his raw products and aids the maker in locating required materials and in quantities that can not be provided by a single source.

In addition, **Jack Stone** of Palomar College, **Robin Freeman** of Merritt College, and **Laura Mays** of College of the Redwoods will discuss their woodworking educational programs and how urban wood is incorporated into student projects.

And there will be displays, exhibits, art shows, contests, networking opportunities, and a tour of the Palomar Arboretum.

Overseeing this conference is the **California Urban Forests Council**, founded in 1968 as the first urban forest council in the nation. Its goal is to expand and perpetuate the sustainable urban and community forests in order to enhance the quality of life for all Californians.

The registration fees for the full conference is \$145, which includes an opening Thursday evening reception, conference attendance, breakfast and lunch on Friday, and lunch on Saturday. Fees for individual days are available. There is no fee for artists to exhibit work on Friday.

For complete conference information, visit the website: www.caufc.org or call: (415) 479-8733.



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Woodworker WEST

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Woodworking Observations

I was a bit surprised by some of the reactions to our coverage of the *ArtPrize* competition in Grand Rapids, MI. Winner of both the judges and public awards was **Anila Quayyu Agha's** laser-cut plywood sculpture, *Intersections* (below).

One comment was: *It sickens me seeing these computer designs and computer/CNC/laser cut works....Let her or anyone do their work without computer and CNC and then it is their work. If I want to see this kind of work, I will go to K-Mart or Walmart. Sad day in fine woodworking!!!!*

A little bit harsh. This was not a fine woodworking competition, however it showed more substance than some wood "work" that I have seen considered as art in galleries—the ones consisting of scrap wood glued together with paint splattered on top.

I celebrate the fact that a wood piece won a prestigious art competition and walked away with \$300,000 in awards. She was not a computer nerd, sitting behind a computer screen. Anila is trained in textile arts and further immersed herself in the craft world, as an *Artist-in-Residence* at the Houston Center for Contemporary Craft. Her grant, underwriting the project, was to develop innovative work to chart a new trajectory. She chose to explore laser technology, as her vehicle "to experiment with speed and accuracy, as well as to increase the size of the project."

We can have a big tent for all forms of woodworking, and computer-driven technology is a growing area of our field. I think it supplements, not substitutes, for creative craftsmanship.



Anila Quayyu Agha's *Intersections*

Ron Goldman

Publisher





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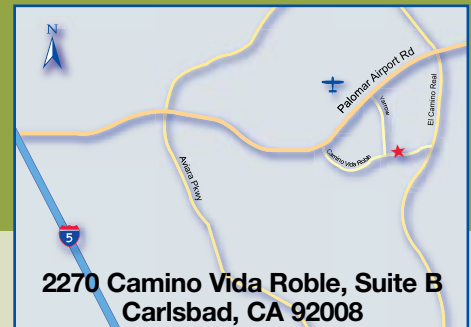
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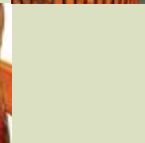
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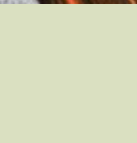
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MAKING DO WITH LIMITATIONS

*Not everyone can afford every conceivable tool and machine, nor do all of us have the luxury of a large shop. Yet, we all somehow manage to get things done. This time around, I asked our folks about **their strategies for coping with available resources and getting by with what they have...***

"I have learned many new skills by adapting to the lack of an expensive tool. I couldn't afford a Leigh dovetailing jig, so I picked up a little book by **Ian Kirby** and worked at it until I could cut dovetails by hand. I still use power tools, but I still get my greatest satisfaction from the things that I build by hand."

"I don't have any power tool jigs, except for a small coping sled. That's about as much as I can say in terms of doing with less. I've got way more than enough hand tools to make up for it, though."

"Once I've decided to do something, I generally tool up to accomplish that objective. It's easier to learn new techniques and skills with proper tools. With my mixture of new and vintage tools, I can focus on what I've got to do, rather than what tools I need."

"When I was young and strong, the wallet failed. Now that the wallet is stronger, the body is failing. (Darn Murphy is always right.)"

"It comes down to production vs. process. When you are producing, you need to have the gear that will be most productive. But for a hobby or for learning skills, you don't need a lot of tools. You can be minimalistic or focus on one type of woodworking, but to produce a house full of stuff in a variety of styles, you may need a lot of tools."

"It's tempting to get caught up in the desire to do things the way we see it in a video or a magazine, but this scares a lot of people into thinking one needs a ton of stuff to actually do the projects."

"I have been spending a large part of my discretionary income on tools for over 35 years. I started out with very little, and I am pretty sure that it was more fun at the time. Now, I have all the tools one could want, but less space and more maintenance costs."

"At one point, I thought I would have to sell everything and get by with the smallest shop possible. I had determined that I could keep my bandsaw, mini lathe, hand tools, carving tools, routers, and good workbench, and I could still do most of what I do today. I look at some things that I made 20 years ago and wonder how I managed. I simply took the tools that I had and made something."

"Since I'm a tool junkie, I'm not at a loss for those. My problem is space, which I share with the lawn mower, wheel barrow, and large recycle bin. But I make do."

"I have a shop full of tools that my kids will have to sell or auction. You can't take it with you."

"When I can't afford expensive tools, I make my own. I've been forced to become creative with storage, as I'm packed to the gills."

"My big constraint has always been space. One of the most liberating things that I did was to move most of my lumber outdoors until I needed it. It gave me back enough floor space that I could put all of my tools on dedicated mobile stations, so I could wheel them out when needed."

"Storage space is a two-edged sword. It helps keep you organized, but you end up keeping things you shouldn't keep."

"When I started out in a cabinet shop making minimum wage, there was no way I could afford to buy a stroke sander, so I made my own using pillow-block bearings and hand-turned drums. It worked!"

"I try not to buy a new tool, until the old one is used up."

"I, too, am a tool junkie. Why make a bead with a gouge when you can get a beading tool? I also tool up for the future. You only live once, so why not get that specialized tool, if you can afford it. That is why I put stuff I make up for sale—so I can buy more tools!"

"I'd love to be a tool junkie, but I just can't afford it."

"I turned for five years in an unheated garage, then for ten years in a horse barn. Since I live in Northern Vermont, this severely limits my ability to turn in the winter. So, I sometimes bring my most-used tools indoors to keep them warm before heading out into the barn, which can help a lot. I need to build a heated shop space next!"

"In the beginning, if I didn't have the ideal tool to do something, I acquired the new tool, if it was affordable. Over time, I have drifted to only buying something new if what I already have can't be made to work. Also, I don't carve, and to become proficient would require more effort than I am interested in devoting. Hence, when I need a carving, I hire someone to do it."

"I pretty much have every machine I need. However, I recently joined a woodworking club that has a magnificently equipped shop and, even, a loan section. It's less convenient, but those without the money, room, or enough need, can get just about anything they want done by using the facilities. There are even special interest groups that will give you a hand on something you are not sure of or have not done before. It's a phenomenal resource."

"In the early years when money was tight, I made do as best as I could. My tool arsenal consisted of a router, a radial arm saw, a circular saw, a drill, a saber saw, and a belt sander. I added power tools, as I could afford them from the money I made making stuff. The one 'make-do' tool that I use all the time is my freestanding Maple work bench that I built many years ago. It's not like a normal bench, e.g., no vises or tool trough or dog holes or storage below—just a simple heavy-duty bench that doubles as an outfeed table for my tablesaw, a surface where I do most of my joinery work, assembly, and finishing. I use various clamps to hold parts to my bench when sawing, routing, or any other function where the parts need holding. This has been working for over 25 years."

"I cheat by shamelessly making use of tools at work. Their knee mill is the only thing that I use for woodworking, but it does enable me to do stuff that I could probably do no other way. I've also made a fair number of tools and jigs out of steel and aluminum that make working in my own shop far easier. Other than that, lacking an expensive jig or machine is what often pushes me to use a hand tool to do the same job."

"In lieu of a fancy vacuum bag, I put my ply and veneer in a plastic garbage bag, with the end of my shop-vac hose wrapped inside and all reasonably tightly sealed with 2" packing tape. The end of the hose was inside an auto-washing mitt to prevent the hose from sucking up the plastic bag. The veneer was glued with regular yellow glue and left with the shop vac on for about an hour. All in all, a very cheap solution to an \$800+ vacuum problem!"

"I make do by trading time and patience for tools. I have the essential equipment in my home shop to complete most of my tasks. But when I get to a special point in a project requiring that extra tool, I'll get creative. Instead of buying a new tool, I'll make

a jig, pull out hand tools, improvise, or (gasp) alter the design a bit. Since I'm under no time constraint, I enjoy the challenge of doing more with less. I thrive on the problem solving that 'making do' presents. Yes, it would be cool to have that next special thing in my shop, but I'm already tight on space and money, so I call it part of the process to get by with what I have."

"I started in 1985 with a drill, a Skil saw, and a router. Clearly necessity was the mother of invention for me."

"My four rules of thumb for tool acquisitions: (1) be patient. Keep your eye out for that tool that you want on *Craigslist*; (2) don't be a collector. When you need a new tool, look for an unused tool or two that you can sell to fund the new purchase; (3) build your hand tool skills. A well-used hand tool can do the job of an expensive, specialized power tool; and (4) don't buy trash. I bought three tablesaws before I got a decent one. It would have been much cheaper to save up and buy the decent one and be done with it."

"Making do can be an excellent method of skill building. When I don't have the tooling that I need, I compromise by either redesigning the job to fit existing tooling or figuring out another way to accomplish the task. I firmly believe that it's better to make do with fewer tools of high quality than more junk tools."

"My lack of space forces a workflow that is organized and thought out in advance, so that each operation needed for the entire project is planned in sequence. There's no question that, even though I have the T-shirt, I will not be the one to die with the most tools."

"When I was a hobbyist, I used to go to the traveling woodworking shows and usually came home with new gadgets. All these years later, most are in the back of my shop cupboards, often still in their packages. I find that I develop basic approaches to my work or improvise in the moment, and forget I even have the widgets."

"The first dresser I ever built, in 1970, was made with a hand saw, a block plane, and a chisel, from rough-sawn Hemlock that I surfaced with just that block plane. Try flattening a 10"-wide board with an old flea market Stanley block plane, and you'll understand the true meaning of making do. Lotsa valuable lessons there."

"I have learned how to adjust to a basement shop. With limited space, organization is paramount. A place for everything, and everything in its place. I keep my thickness planer in the garage, along with wood storage. Lumber normally gets milled to thickness outside, before going to the shop. I set up a wheelbarrow at the end of the planer to catch the shavings and roll them directly to the shrubs as mulch, sweep up the dust, and I am done. This enables me to move lumber around easily, and there is no dust, or noise in the basement. Not the perfect solution, but it works. I also make do with my well-tuned 1967 Craftsman table saw. It has not limited me in any furniture or home improvement project that I have wanted to undertake."

"Many times for me, getting by with less means figuring out how to move or make something without a helper. One job entailed making and delivering four 8-foot-tall, 4-foot-wide doors, that weighed 500 pounds each, by myself. I recently completed 32 linear feet of 8-foot-tall display cabinets, delivered and installed by myself in a second story man cave. I'm not a big guy (5'8" x 150 lbs.), so I've learned how to think smart rather than brawn. In my last shop I installed eighteen 24-foot long trusses by myself. Sometimes, I think it might be easier not having a helper, although having a young flat belly to unload bags of concrete mix is sounding more appealing each year, now that I've passed the three score mark."

Participate in future surveys at WoodCentral.com

Send suggestions for survey topics to: webmaster@woodcentral.com

March-April, 2015



William Ng

Mar. 1-7
Maloof Inspired
Rocking Chair



Mar. 16-20
Inlay Techniques
in the Greene &
Greene Style



Mar. 21-28
Blacker House
Inspired Chair

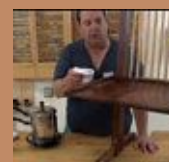


Apr. 6-10
Boxes, Joinery, & Jigs...OH MY!



Mar. 7-14
Shoji Lamp
with Taeho Kwon

Mar. 16-21
Ming Dynasty Table
with Yeung Chan



Apr. 25-26
Finishing
Techniques
with Brian Miller



Apr. 9-12
Sculpted Table
with David A. Wade

Apr. 18-19
Mastering Curves

Apr. 20-24
Slat-Back Chair
with Jeff Miller



EVENING CLASSES

Mar. 30—10 sessions
Sculpted Table
with David A. Wade

Apr. 27—10 sessions
Nakashima Inspired Chair
with William Ng

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WHAT'S NEW

NEW GENERAL 12" BANDSAW

The newly-redesigned 12" bandsaw (90-040M1) by **General International** is now available at woodworking retailers. Designed for the growing Do-It-Yourself market, this 1-hp, 110v bandsaw features two cutting speeds for hard and soft woods, a sturdy welded steel frame & precision balanced wheels with replaceable tires, a rack & pinion system for raising and lowering the guard, a quick-release tensioner, European-style blade guide bearings, 12" wheels that can accommodate up to a 3/4" blade, an extra-large cast-iron tilt table, a dual position fence, a wheel brush, miter gauge with an auxiliary aluminum crosscut fence, a dust collection tray, and multi-size dust collector port. Special pricing is being offered thru April 30. For info, visit the website: www.general.ca, your local General retailer, or call: (888) 949-1161.

ROCKLER SMALL CLAMPS & JIGS

Rockler Woodworking and Hardware has introduced two new accessories for working on small projects on your router table. The *Small Piece Holder* is a clamping device designed to confidently hold small project pieces when machining on a router table. It features abrasive faces that sandwich small pieces to secure them while they are being worked. Large handles provide control and stability, allowing the user to create smooth routed edges, while keeping hands a safe distance away from the sharp cutters of the router bit.

The *Router Table Spline Jig* is a device that attaches to a router table to create decorative splines for mitered box and frame joints. The jig consists of two main parts: a base, which attaches to the router table, and a sled, which holds the workpiece at a 45° angle to the router bit. The sled slides in the tracks of the base to guide the spline cuts. For info, visit your local Rockler retailer, the website: www.rockler.com, or call: 1-877-ROCKLER.

MIRKA RECALLS ORBITAL SANDER

Mirka Abrasives has extended the recall of its 5" & 6" compact electric *Random Orbital Sanders*. Affected models are CEROS550 and CEROS650. There have been incidences of units sparking and smoking, though no damage has been reported. Customers should immediately stop using the recalled sanders,

unplug them, and contact Mirka Abrasives at (800) 843-3904 for a free replacement. For more info, visit the website: www.mirka-usa.com and click "Recall."

WOODCRAFT ADDS 3 HAND PLANES

Woodcraft has added three planes to its private label *WoodRiver®* line. The new *No. 1 Bench Hand Plane* (5 3/4" long and 1 1/2" wide), is patterned after the smallest of the **Stanley** bench planes that were manufactured for 70 years prior to World War II. This rare and highly collectable plane was originally sold to handle small smoothing jobs, sometimes in tight places, but is now often used in the palm of the hand like a block plane. Similar to the other V3 planes, it features heavy stress-relieved, ductile iron casting, a fully machined adjustable frog, and a high carbon steel blade.

The *No. 91 Small* and *No. 93 Large Shoulder Planes* join the *No. 92 Medium Shoulder Plane* to complete the set. Based on **Edward Preston and Sons** designs, these planes have a major new feature, an adjustable toe to control the throat opening and minimize tear-out of end grain. The plane bodies are Cr40 stress-relieved ductile steel, machined square and flat, and blades are high carbon tool steel hardened to HRC60-64.

For info, visit your local Woodcraft store or the Woodcraft website: www.woodcraft.com.

LASER GUIDE FOR HOLLOW VESSELS

Ron Brown's Best has developed a new and improved *Turner's Laser Guide*. This tool facilitates turning hollow vessels by utilizing a laser pointer to indicate the cutter's position on the outside of the vessel, while the cutter is inside the spinning work piece and material is being removed. The guide can be attached either to the turning tool's ferrule or shaft ranging from 3/4"-1 1/4" in diameter. For info and videos, visit the website: www.ronbrownsbest.com.

LAGUNA TOOLS MOVES

Laguna Tools is consolidating operations into a new 60,000 sq. ft. facility, a mile from its current location. As of March 1, the new address is 2072 Alton Parkway, Irvine, CA 92606. For info, visit the website: www.lagunatools.com or call: (800) 234-1976.



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WHAT'S NEW

MASTER HAWAIIAN TURNER PASSES

Hawaii has lost another master wood craftsman, with the passing of woodturner **Robert Hamada** in December. Named as a *Living Treasures of Hawaii* for his extraordinary fine wood bowls, the lifelong resident of Kauai began woodworking at age 12, out of necessity. As the son of a plantation worker, "everything I needed, I had to carve out of wood."

Over time, he perfected his skills and developed his own tooling, including his lathe. "I started turning bowls because of the wood," he recounted. "There was such beauty, like looking at a beautiful girl. Sometimes, I stop my work, just to take the time to admire the grain."

Specializing in native Hawaiian species, he would select, cut, and air dry his wood and attempt to turn the largest piece in any log.

To honor the wood, he emphasized its natural characteristics—grain patterns, coloring, knots, blemishes, voids—in his designs. His



Robert Hamada (1921 -2014)

pieces were "unfinished"—in that he used no lacquer, oil, varnish, or wax—only relentless hand sanding and polishing to a glossy sheen, sometimes enough to cause his fingers to bleed.

"Woodturning is a challenge to uncover the treasure cloaked beneath its bark. It's a sort of personal discovery that I experience, because I am the first to see it. Even sections of the same log that lie just inches apart can be uniquely different from each other."

One of his specialties was bowls shaped with three graceful arms—rounded at their ends—culled from the saddles of tree branches that originate in trios (above). One piece could take upwards of 10 years from start to finish. Right up until the end, he still was going strong, with more than 100 bowls in the works, in many different stages of production.

Robert's works have won many awards and are owned by collectors worldwide. His pieces reside in the permanent collections of such institutions as the Imperial Palace of Japan, the Museum of Fine Arts in Boston, the High Museum of Art in Atlanta, and the Museum of Fine Arts in Detroit.

Robert was 93.

RYOBI HEARING PROTECTION

Ryobi has come forth with a new form of hearing protection. *Phone Works* (#ES 8000) consists of a mobile app compatible with most smartphones, OSHA-compliant noise suppression earphones, and a microphone. This configuration allows you to selectively block noises up to 82 decibels and amplify sounds that you need to hear, such as conversations and alerts. It enables you to measure surrounding noise, make telephone calls, and record sound in a noisy environment. All for under \$20. For info, visit the website: www.ryobitools.com/phoneworks.

MEHLER SCHOOL ON HIATUS

The **Kelly Mehler School of Woodworking** in Berea, KY is on a temporary hiatus. Furnituremaker and educator **Kelly Mehler** has been diagnosed with Stage 4 Non-Hodgkin's Lymphoma and has begun an approximate 6-month chemotherapy regimen.

Kelly has many friends throughout the West, as a result of his *The Tablesaw Book*, *Fine Woodworking* videos, numerous magazine articles, and years as a popular instructor with *The Woodworking Shows*. This popularity set the foundation for establishing his own woodworking school in 2004.

A website has been created—www.caringbridge.org/visit/kellymehler—to share information about his health, as well as a forum for expressing thoughts from well wishers.

GILES GILSON: WOOD INNOVATOR

Turned wood artist **Giles Gilson** passed away in January, at his home in Schenectady, NY. A favorite among collectors, he was a pioneer in taking innovative approaches to woodturning, including adding color to his pieces. He was particularly known for using transparent automotive lacquer. His work resides in every major wood collection, including the Smithsonian Institution's National Museum of American Art. He was 72.

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OPPORTUNITIES



Stephen Hatcher
(Olympia, WA)
Arctic Sun
Zircote, Ebony, Maple,
Alder, calcite, mica
(18" h, 14" w, 3" d)



Jim Christiansen
(Moscow, ID)
The Promise
Maple, acrylic paints
(22" h, 13" w, 9" d)

NW GALLERY BOX & CONTAINER SHOW

Northwest Woodworkers' Gallery (formerly *Northwest Fine Woodworking*) in Seattle, WA hosted its 35th annual *Box and Container Show*, during the months of November-December. This show of 50 pieces by 24 North American artists featured functional and decorative wood objects, which can be opened and closed. This unique pre-holiday showcase has become a beloved destination for collectors and holiday shoppers looking to find that "special something for that special someone."

Stephen Hatcher of Olympia, WA captured the *First Place* prize for *Arctic Sun*. The embellishments on the exterior of the hollow vessel reflects upon the flora and fauna of the Alaskan wilderness in the Fall, when the Northern Lights are visible.

Second Place was awarded to **Jim Christiansen** (Moscow, ID) for *The Promise*. *Honorable Mentions* went to **Jeff Baenen** (Waukegan, IL), **Matthew X. Curry** (Bainbridge Island, WA), **Jay Shephard** (Olympia, WA), and **Michael Yankowski** (Natchitoches, LA).

The *People's Choice Award* was presented to **William Close** (New Hartford, IA) for his *Get on Board, Russell, We're Saving Seattle*. This piece makes fun of the many consecutive days of rain in the Winter of 2012.

The entry deadline for the 2015 show is Sept. 30. Cash prizes will be awarded, and pieces will be available for sale during the holiday season. For info, visit the web site: www.nwwoodgallery.com or call: (206) 625-0542.

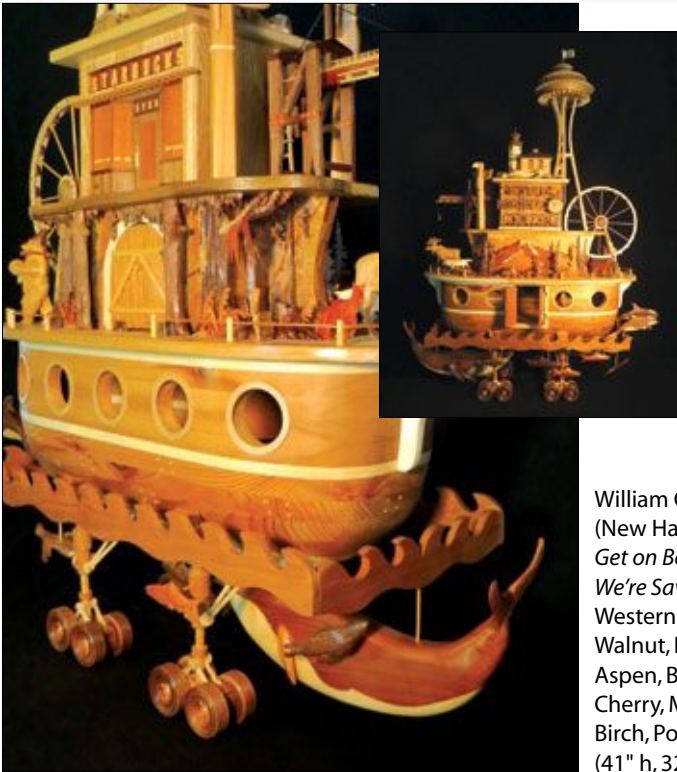


Eric Lofstrom & Annemarie Hoffman
(Enumclaw, WA & Portland, OR)
Latte Da' X-tra Hot
Eastern Maple, Western Maple burl,
etched glass
(6 1/2" h, 5" w, 5" d)

Jay Shepard
(Olympia, WA)
Galaxy—Syzygy Series
Maple, acrylic paints
(4" h, 21 1/4" w, 12" d)



OPPORTUNITIES



William Close
(New Hartford, IA)
*Get on Board, Russell,
We're Saving Seattle*
Western Red Cedar,
Walnut, Hackberry,
Aspen, Basswood,
Cherry, Mahogany,
Birch, Poplar, Oak
(41" h, 32" w, 12" d)



Jeff Baenen
(Waukegan, IL)
X-Ray
Curly Maple, Redheart,
stainless steel
(8" h, 17" w, 5 3/4" d)



Pat and Karen Miller
(Yakima, WA)
Tethys
Maple burl, Gabon
Ebony, Birch, Maple
(19" h, 9" w, 9" d)

Michael Yankowski
(Natchitoches, LA)
Glove Box
Bass wood,
India ink
(2" h, 8" w, 4" d)



Matthew X. Curry
(Bainbridge Island, WA)
Le Cabinet d'Absynthe
Bocote, Cherry, Cocobolo,
Ipe, Jatoba, Mahogany,
Maple, Oak, Sapele, Walnut,
Wenge, Zebrawood, fabric,
glass, copper
(26 1/4" h, 45 3/4" w, 15 1/4" d)



Call for Entries



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Bill Bradford

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Entry Categories

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Furniture

Contemporary
Accessories

Art Furniture

Clocks

Traditional Furniture

Furniture—
Laser and/or CNC

Traditional Accessories

Veneering/
Marquetry—Art

Veneering/
Marquetry—Furniture

Veneering/Marquetry
Laser and/or CNC

Model Building—Scale

Model Building—
Not to Scale

Musical Instruments

Made for Children

Woodturning—
Face Work

Woodturning—
Center Work

Woodturning—
Laminated

Woodturning—
Mixed Media

Scrollsaw—Intarsia

Scrollsaw—Fretwork

Wood Carving—Animal

Wood Carving—Bird

Wood Carving—Marine

Wood Carving—Open

OPPORTUNITIES

OREGON GATHERING OF GUILDS

The **Guild of Oregon Woodworkers** invites artisans in wood to participate in the *Gathering of the Guilds* on Apr. 24-26, at the Oregon Convention Center in Portland, OR. This event brings together five major craft Guilds and their members from all over the Pacific Northwest. This is the largest single-weekend craft fair under one roof presented anywhere in the country. Guilds include wood, metal, glass, weaving, and beads. The event is admission-free to the general public. This is an established happening, always drawing well over 20,000 visitors over one weekend. Professionals can purchase 10' x 10' booths, while amateurs can show work for sale in the Guild booth. For info, call **Ariel Enriquez**, (503) 286-4828 or email: arielyphyllis@gmail.com.

WESTERN DESIGN CONFERENCE

The 23rd annual **Western Design Conference** takes place Sept. 10-13, as part of the *Jackson Hole Fall Arts Festival* in Jackson Hole, WY. This exhibition celebrates Western-style craftsmanship in furniture, fashion, and home accessories. The 2014 *Best of Show* went to wooden bicycle maker **Attila Bekes** of Powell, WY. With over \$22,000 in cash awards, the entry deadline for the 2015 conference is Apr. 1. For info, visit the web site: www.westerndesignconference.com or call: (307) 690-9719.

MARIN COUNTY FAIR

The **Marin County Fair** invites entries for its annual *Fine Art/Fine Craft Juried Exhibition*, July 1-5, in San Rafael, CA. Open to all California artists, wood can be entered in *Furniture, Sculpture, Carved & Turned, Miniatures, and Functional Works*. Entry deadline is May 14. A separate competition takes place for *Art Chairs*, both original design and embellished. Woodworking and carving also can be submitted in the *Hobbies* division. For info, visit the web site: www.marinfair.org or call: (415) 473-7048.



Larry Berger of Livermore, CA won *Best of Show* in *Fine Art Furniture* at the 2014 *Marin County Fair*. His *Green Folk Art Day Sailor Boat Cabinet* was made with recycled materials from an old boat.

VENEER TECH CRAFTSMAN'S CHALLENGE

Veneer Technologies hosts its 11th annual *Craftsman's Challenge*. This national competition recognizes excellence in woodwork that features the use of natural veneer and wood products. Competition categories are: *Architectural Woodworking, Cabinetry, Furniture, Marquetry, Specialty Items, and Student Designs*. Category winners will receive \$1,000; the *Grand Prize* winner will receive \$3,000, with a \$1,000 bonus if entered before Mar. 31. The entry deadline is May 25, and winners will be announced during *AWFS Las Vegas* in July. For info and to view last year's winners, visit the web site: www.veneertech.com or call: (800) 593-5601.

SAUSALITO ARTS FESTIVAL

The 63rd **Sausalito Arts Festival** will be held Sept. 5-7, along the waterfront in Sausalito, CA. This marketplace of multi-media handcrafted work attracts some 40,000 visitors, and \$15,000 in prize money will be awarded. The 2014 winner in the *Wood* category was turned wood artist **Matthew Hatala** of Danielsville, GA. The 2015 entry deadline is Mar. 18, and applications are available at the web site: www.sausalitoartfestival.org. For more info, call: (415) 332-3555.

CALIFORNIA STATE FAIR

The **California State Fair**, in Sacramento, CA, will be held July 10-26. Open to all California residents, wood work can be entered in *California Craft (woodworking, woodturning, woodcarving, other)* or *Fine Arts (sculpture)*. Entry deadline for *Crafts* is Apr. 29 and for *Fine Arts* is May 6. For info, visit the web site: www.bigfun.org or call the entry office: (916) 263-FAIR.

GATEWAY TO IMAGINATION

The **Farmington Museum** in Farmington, NM hosts its annual 2015 *Gateway to Imagination*, May 9-July 11. This national juried art competition is open to all media. Entry deadline is Mar. 14, and \$2,500 in prizes will be awarded. For info, visit the website: www.fmtm.org/index.aspx?nid=248 or call: (505) 566-2290.

WILD THINGS IN ARIZONA

The **Americana Hotel** in Nogales, AZ presents *Where the Wild Things Are*, Apr. 16-May 16. Sponsored by the Santa Fe Ranch Foundation, this exhibit features work in all media, relating to the nature and heritage in Arizona. Entry deadline is Mar. 6. For info, visit the website: www.santaferanchfoundation.org or call: (520) 860-0418.

AI&G NATIONAL JURIED GALLERY

The **Art Institute & Gallery** in Salisbury, MD hosts its 23rd anniversary *National Juried Exhibition*, Sept. 12-Oct. 9. Open to all media, cash prizes will be awarded. Entry deadline is June 12. For info, visit the website: www.aiandg.org or call: (410) 546-4748.



Mother's Day?
Father's Day?
Graduation?
A Gift for All Year
Woodworker West

OPPORTUNITIES

O.C. FINE ART WOODWORKING

The 16th annual *Fine Arts Woodworking Show* takes place at the **Orange County Fair**, July 17-Aug. 16. This exhibition/competition is open to California woodworkers in *Furniture* (Chests, Cabinets, Tables, Desks, Seating, Studio Art, Children's, Other), *Woodturning* (Open, Closed, Segmented, Embellished/Mixed Media), *Accessories* (Boxes, Clocks, Toys, Models), *Wall Art* (Fretwork, Segmented, Marquetry, Intarsia), *Musical Instruments* (Stringed, Other), and *Carving/Sculpture* (Figurative, Animals, and Utilitarian).

Cash and product prizes will be awarded, and works can be priced for sale, with inquiries forwarded to artists. Fairgoers also will vote for their favorite piece in the *Woodworker West People's Choice Awards*. Entry submission opens in mid-March, with a deadline of June 1. A catalog of winners will be published. For info, visit the web site: www.ocfair.com or call: (714) 708-1624.

GATEWAY TO IMAGINATION

The **Farmington Museum** in Farmington, NM hosts its 2015 *Gateway to Imagination*, May 9-July 11. This national juried art competition is open to all media. Entry deadline is Mar. 14, and \$2,750 in prizes will be awarded. For info, visit the website: www.fmtn.org or call: (505) 566-2279.

ART OF OUR CENTURY

Woodbury Art Museum at Utah Valley University presents *Art of Our Century*, May 12-July 3. Open to all media, this show features 2-D and 3-D work by artists living in the Western states. Entry deadline is Apr. 2, and cash prizes will be awarded. For info, visit the website: www.nuvu.edu/museum or call: (801) 863-4200.

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AWFS STUDENT COMPETITIONS

The **Association of Woodworking and Furnishings Suppliers (AWFS)** is expanding its student competitions, held in conjunction with its 2015 *AWFS Fair* in Las Vegas, NV. The biennial *Fresh Wood* exhibition showcases student woodwork in six categories: *Chairs, Case Goods, Tables, Open, Design for Production, and Musical Instruments*. A new competition is *Turning to the Future*, co-sponsored by the **American Association of Woodturners**. Here, students can enter turned work, no larger than 20" in diameter.

In both competitions, high school and post secondary students will be judged separately. Finalists will be invited to display work at the 2015 *AWFS Fair*, where prize money will be awarded. Entry deadline is May 1. For info, visit the web page: www.awfsfair.org or call: **Adria Torrez**, (800) 946-2937.

INTERACTIVE ART EXPERIENCE

Studio Channel Islands Art Center in Camarillo, CA hosts *Arts Alive 2015*, May 30-31. This West Coast "Interactive Art Experience" features artists creating and displaying their work, while interacting with visitors. Entry deadline is Apr. 18. For info, visit the website: www.studiochannelislands.org or call: (805) 383-1368.

CALIFORNIA SCULPTURE SLAM

The **San Luis Obispo Museum of Art** hosts *California Sculpture Slam*, Sept. 25-Nov. 15. This exhibit showcases current works by established and up and coming California sculptors in all media. Entry deadline is May 15, and there will be cash awards. For info, visit the website: www.centralcoastsculptors.org/slam.shtml or call: **Ruta Saliklis**, (805) 543-8562.

AMERICAN MADE SHOW

The *American Made Show* has added a summer show, June 25-28, in Dallas, TX. Sponsored by the publisher of *Niche* magazine, this show features handcrafted work in all media by studio artists from North America. For info, visit the website: www.americanmadeshow.com or call: (410) 889-2933.

DAVE BOWN PROJECTS

The 10th semi-annual *Dave Bown Projects* is an initiative to advance the fields of visual arts. Open to all styles and media, the top 25 artists will be featured on its website, and \$10,000 in cash prizes will be awarded. Entry deadline is June 6. For info, visit the website: www.davebownprojects.com.

SEDONA ARTS FESTIVAL

The 24th *Sedona Arts Festival* takes place Oct. 10-11, with the backdrop of Arizona's red rock splendor. This event features 140 multimedia artists, including a dozen woodworkers. Entry deadline is June 1. For info, visit the website: www.sedonaartsfestival.org or call: (928) 204-9456.

INTERNATIONAL TURNING EXCHANGE

The **Center for Art in Wood** (formerly the Wood Turning Center) in Philadelphia, PA seeks applications for its 8-week 2017 & 2018 summer lathe-turning residency programs. Openings are available for four lathe artists, one scholar, one furnituremaker/educator, and one photojournalist. Honorarium, transportation, housing, and shop space are provided. Application deadline is Dec. 31, 2016. For info, visit the website: www.woodturningcenter.org or call: (215) 923-8000.

OPPORTUNITIES

DESIGN IN WOOD 2015

The 34th annual **Design In Wood** exhibition will be held, June 5-July 5, as part of the San Diego County Fair. This is among the largest woodworking competitions in the U.S., drawing entries from across the country and viewed by over 1.5 million fair visitors.

More than 350 entries are expected in 24 competition categories: *Contemporary* (furniture, accessories), *Traditional* (furniture, accessories), *Art Furniture*, *Woodturning* (face work, spindle, segmented, embellished/mixed media), *Veneer & Marquetry* (furniture, art), *Made for Children*, *Model Building* (scale, not-to-scale), *Musical Instruments*, *Clocks*, *Scrollsaw* (intarsia, fret work), and *Woodcarving* (animals, birds, marine animals, open). Entries are especially sought for the new categories of *Furniture & Decorative*, executed by computer—both laser and/or CNC.

Some 90 awards, totaling over \$21,000, will be at stake, including the \$1,000 *Best of Show* award. Besides category winners, overall prizes will reward design, craftsmanship, finishing, use of materials, as well as the piece best reflecting the fair's theme, *A Fair to Remember*. In addition, *Woodworker West* will again sponsor the *People's Choice Award*.

The 2015 entry deadline is May 1. Info and entry forms are available at: www.sdfair.com/entry/designinwood or call: (858) 792-4207.

ESHERICK MUSEUM COMPETITION

The **Wharton Esherick Museum** in Paoli, PA hosts its 22nd annual thematic *Woodworking Competition/Exhibition*, in the Fall. The theme for the 2015 competition is *Vases*. Entries must be functional and primarily made of wood. Juried finalists will be exhibited at the museum, with the opportunity to sell, and \$1,300 in cash prizes will be awarded. Entry deadline is July 1. For a prospectus, visit the website: www.whartonesherickmuseum.org, or call: (610) 644-5822.

BIRDS IN ART

The **Leigh Yawkey Woodson Art Museum** in Wausau, WI seeks submissions for *Birds in Art 2015*. Open to all artists working in any 2-D and 3-D media, this prestigious exhibition of avian art—with associated publication—will be exhibited at the Woodson Museum in the Fall and travel for a year. With an entry deadline of Apr. 15, approximately 100 artists will be invited to participate. The museum generally acquires 4-5 works for its collection. For info, visit the web site: www.lywam.org or call: (715) 845-7010.

HOUSTON CRAFT RESIDENCY PROGRAM

The **Houston Center for Contemporary Craft** hosts an *Artist-in-Residence* program. Selected artists, working in wood, glass, metal, fiber, clay, or mixed media, receive a 200 sq. ft. studio, a monthly stipend, and access to a wide variety of resources and opportunities, including teaching and marketing options. 3-, 6-, 9-, and 12-month residencies are available, starting in September. Application deadline is Mar. 1. For info, visit the web site: www.crafthouston.org or call: (713) 529-4848 x112.

CHENVEN PROJECT GRANTS

The **Ruth and Harold Cherven Foundation** gives annual awards to individual artists and craftpersons, who are engaged in or planning a new craft or visual art project. Maximum grants are \$1,500. Wood artist **Carrie Mae Smith** was among the 2012 recipients. Applications are accepted May 15-June 15. For info, visit the website: www.chervenfoundation.org.

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OPPORTUNITIES



Jeff Jeter
(Houston)
*Water Logged
Mesquite*



Lou Quallenberg
(Llano)
*Walker Curve
Mesquite*



Robert Galusha
(Austin)
*Katelin Arm Chair
Ash*

TEXAS FURNITURE MAKERS SHOW

The 15th annual *Texas Furniture Makers Show* was held, Oct. 30-Nov. 29, at the Kerr Arts & Cultural Center, in Kerrville, TX. This exhibition attempts to promote the visibility and improve the art and craft of furnituremakers in the State of Texas. On display were over 51 handcrafted furniture pieces by craftsmen from throughout the state.

Best of Show went to **Robert Galusha** of Austin for his *Katelin Arm Chair*. The piece demonstrates advanced techniques in execution, while its flowing lines provide a visual design treat. Other overall winners were *Second Place* to **Frank Strazza** of Waco for his *Black Cherry Dresser* and *Third Place* to **Mike Roberts** of San Antonio for his *Walnut Writing Desk*.

Category winners were: *Best Contemporary Style*—**John Parkinson** (Austin), *Best Traditional Furniture*—**Jim Wallace** (Cedar Park), *Best Texas Style Furniture*—**Lou Quallenberg** (Llano), *Best Art Style*—**Barry Bradley** (Houston), *Best Show Special*—**Mike Roberts** (San Antonio), and *Best Apprentice*—**Jeff Jeter** (Houston).

Special awards included the *Woodcraft Sponsor's Choice*—**Randolph Secrest** (Spicewood) for *Burl-Top Mesquite Trunk*, *Period Furniture Makers Award*—**Michael Haynes** (Houston) for *Federal-Style Demi Lune Table*, and *People's Choice Award*—**Barry Bradley** (Katy) for *Catalandish*.

Judges' Special Awards were given to **Randolph Secrest** (Spicewood), **Danny Kamerath** (Kerrville), **Rex White** (Fredericksburg), and **Bert Ray** (Wimberley).

The show provided selling opportunities, with over \$23,000 in purchases completed during the show itself.

The 2015 *Texas Furniture Makers Show* will be held Oct. 29-Nov. 28. Entry deadline is Sept. 2. Entry forms will be posted at www.kackkerrville.com in July. For further info, call: (830) 895-2911.



Barry Bradley
(Fredericksburg)
Catalandish
Maple cushions,
steel frame

John Parkinson
(Austin)
Walnut Cord Bench
Walnut,
Danish cord



OPPORTUNITIES

Photo: Jeff Lavender



Jim Wallace
(Cedar Park)
aMAZEing TABLE
Wenge, Mahogany

Mike Roberts
(San Antonio)
Barstool
Jatoba, Ash

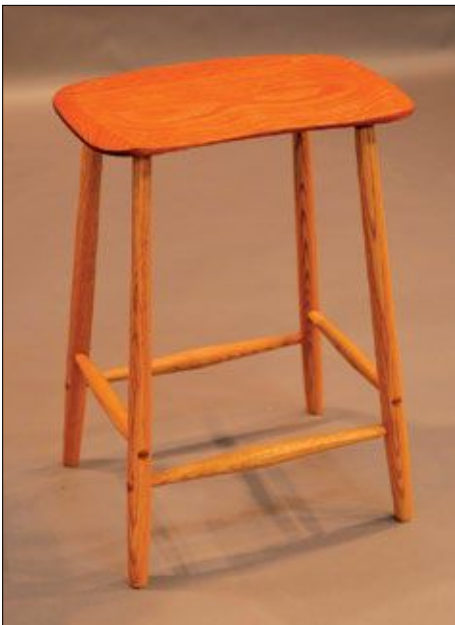


Photo: Jeff Lavender



Frank Strazza
(Waco)
7 Drawer Dresser
Black Cherry, Maple



Michael Haynes
(Houston)
Federal Style Demi Lune Table
Big Leaf Maple, Tiger Maple,
Black Walnut, Holly, Bubinga,
Mesquite

Mike Roberts
(San Antonio)
Writing Desk
Walnut



OPPORTUNITIES

ARTISTRY IN WOOD

The 27th annual *Artistry in Wood* will be held in September at the Sonoma County Museum in Santa Rosa, CA. Sponsored by the **Sonoma County Woodworkers**, this exhibit is open to all woodworkers, with competition categories of *Furniture, Turning, Art, and Miscellaneous*. Entry deadline is Sept. 2, and judges will select category awards and *Best of Show*. For info, visit the website: www.sonomawoodworkers.com.

BIRD HOUSE COMPETITION

The **Ogden Nature Center** in Ogden, UT hosts its 22nd annual *Birdhouse Competition and Exhibit*, Apr. 11-June 30. Open to all makers, birdhouses must be functional for display and utilization by the wildlife outside. Entries, to be delivered Mar. 23-28, must be original designs—no kits—utilizing environmentally sensitive materials. A variety of cash awards will be presented. For info, visit the website: www.ogdennaturecenter.org or call: (801) 621-7595.

THE ULTIMATE TRADESMAN

Irwin Tools is looking for the *Ultimate Tradesman*. It is seeking nominations of tradesmen that have an impact on their community. Each month, one nominee will be selected to win an Irwin tool bag with up to \$250 in tools. The *Grand Prize* winner will receive a 2015 Ford F-150 4x4 Super Crew Cab Pickup truck, new Irwin tools, and an all-expense paid trip for two to the Irwin Tools North American Headquarters in Huntersville, N.C. Entry deadline is June 30. For submission requirements, visit the website: www.irwin.com.

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GENERAL FINISHES CONTEST

General Finishes is sponsoring its 2015 Contest to award innovative uses of its products. There are two competition categories: (1) *Wild Nights Design Challenge*—best design using multiple products on cabinets, doors, or furniture for those of you who stay up all night painting madly (e.g., topcoat over a glaze over distressed paints)—and (2) *The Mad Scientist Contest*—the best mixture of any General Finishes' milk paints. All designs will be displayed in the new on-line *Design Center*, and winners will be determined by an on-line vote. Entry deadline is Mar. 14, and prize packages will be awarded. For info and entries, visit the website: www.generalfinishes.com/content/general-finishes-2015-contest.

FESTOOL VIDEO CONTEST

Festool is hosting its 3rd *Video Contest*, featuring a Festool power tool. Videos must be a testimonial, instructional/how-to, share your shop, share a project, or shop/vehicle organization. Prizes include tools and 'Festool Bucks.' Entry deadline is Mar. 11. For info, visit the website: blog.festoolusa.com.

NORTHWEST WOMAN ART SHOW

The 48th annual *Local 14 Art Show & Sale* takes place Oct. 1-4 at Portland's **World Forestry Center**. This event promotes artwork, in all media, by women living in the Pacific Northwest. Entry deadline is Mar. 16. For info, visit the website: www.local14.org.

SEQUIM, WA JURIED ART SHOW

The **Museum & Art Center** in Sequim, WA hosts the 39th annual *Sequim Arts*, May 1-30. This juried show features 2-D and 3-D forms in all media. Entry deadline is Mar. 9. For info, visit the website: www.sequimarts.org or call: (360) 681-4884.

LIVING ON THE LEFT COAST

The **Marin Society of Artists Gallery** in Ross CA presents *The Left Coast: What Does It Mean To You?*, Sept. 19-Oct. 24. Open to West Coast artists, this exhibit features work, in all media, relating to living on the West Coast. Entry deadline is Aug. 1, and cash prizes will be awarded. For info, visit the website: www.marinsocietyofartists.org or call: (415) 454-9561.

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WHAT'S HAPPENING

OREGON WOODTURNING SYMPOSIUM

The 1st annual *Oregon Woodturning Symposium* is taking place Mar. 6-8, at the Linn County Expo Center in Albany, OR. Organized by the **Willamette Valley Woodturners**, this symposium will consist of over 40 sessions, with featured presenters **Stuart Batty, Jimmy Clewes, Mike Mahoney, Trent Bosch, Kirk DeHeer, Dale Larson, Molly Winton, Lyle Jamieson, Eric Lofstrom, Nick Stagg, and Sara Robinson**. A *Penturners Gathering*, featuring **Don Ward**, will be held Friday night. Other special events include an *Instant Gallery*, live/silent auctions, vendor showcase, spouse program, and a banquet. In addition, there will be an opportunity to win a Jet 12-21 EVS lathe. For info, visit the website: www.oregonwoodturningsymposium.com or call **Terry Gerros**: (503) 580-5013.

HONOLULU TURNING SYMPOSIUM

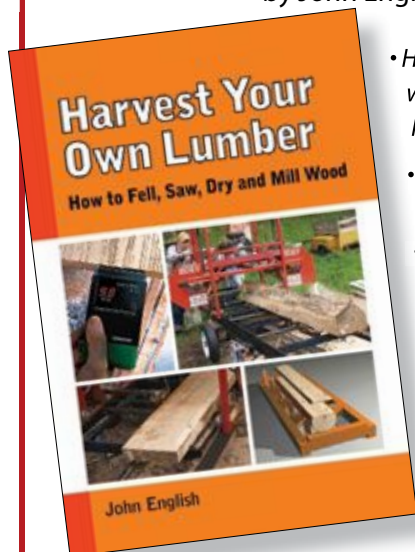
The **Honolulu Woodturners** will hold their 6th annual *Woodturning Symposium*, Mar. 14-15, in Honolulu, HI. Featured artist is **Jerry Kermode**, who will be joined by a number of local demonstrators. This event also includes an *Instant Gallery*, auction, used tool and wood sale, and meals. For more info, visit the website: www.honoluluwoodturners.org or call: **Rob Hale**, (808) 395-6876.

DAKOTA TURNING SYMPOSIUM

The **Dakota Woodturners** host their 2015 *Woodturning Symposium*, Apr. 17-19, in Bismarck, ND. Featured demonstrators are **Nick Cook, Alan Lacer, and Ron Day**. For info, visit the website: www.dakotawoodturners.com.

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UTAH WOODTURNING SYMPOSIUM

The **Utah Woodturning Symposium**, the longest running woodturning symposium, holds its 36th annual conference, May 14-16, at Utah Valley University in Orem, UT. Offering something for beginners to advanced turners, the over 90 demos will be conducted by **Sam Angelo, Sally Ault, Mark Baker, Michael Blankenship, Jason Breach, Jay Brown, Rex Burningham, Kip Christensen, Cindy Drozda, Ashley Harwood, Kurt Hertzog, Mike Jackofsky, Art Liestman, Eric Lofstrom, Guilio Marcolongo, Art Majerus, Cindy Navarro, Stan Record, Jim Rodgers, Jason Schneider, Alan Trout, and Neil Turner**. New is the first *Women in Turning* gathering. The early registration deadline is May 8. For info, visit the web site: www.utahwoodturning.com.

AAW TO MEET IN PITTSBURGH

The 29th annual symposium of the **American Association of Woodturners** is taking place, June 25-28, in Pittsburgh, PA. This event features a variety of educational and technique sessions, various exhibitions, a trade show, and social activities. Early bird registration closes on May 22; advanced registration ends June 20. For info, visit the website: www.woodturner.org or call: (877) 595-9094.

LEGACY WOODWORKING OPEN HOUSE

Legacy Woodworking Machinery hosts an *Open House*, May 13-16, coinciding with the *Utah Woodturning Symposium*. Their 5-axis CNC machines will be showcased, with ornamental turning demonstrations and instruction. The *Open House* will take place, 2-7pm, each day. Legacy is located at 435 W. 1000 N. in Springville, UT. For info, visit the web site: www.legacywoodworking.com or call: (801) 491-0010.

PENTURNERS RENDEZVOUS

The 13th annual **Penturners Rendezvous**—featuring demos, exhibits, and contests—will be held May 13 at Utah Valley State in Orem, UT. This annual event precedes the *Utah Woodturning Symposium*. For info, visit the web site: www.penmakersguild.com.

OLYMPIA WOODTURNING SYMPOSIUM

The **Woodturners of Olympia** host their 2015 *Creativity in Woodturning Symposium*, July 25, in Lacey, WA. Featured demonstrator is **Richard Raffan** of Australia. This may be one of the last U.S. appearances by this Master Turner, who has contributed significantly to the development woodturning around the world. Symposium and workshop information is available at: www.woodturnersofolympia.org or call **Al Price**: (360) 791-0396.



SOCIETY OF AMERICAN PERIOD FURNITURE MAKERS

Spring Meeting SAPFM—Southern California Chapter
Saturday & Sunday, April 25-26
Sessions Focus on Fitting Drawers, Inlay, Construction, & Reproduction Measuring with presentations by:
Paul Babcock, Rolly Rhodes, Bob Stevenson & Cliff Trimble
Hosted by Cerritos College, Norwalk
For more Information:
<http://cms.cerritos.edu/woodworking/events.htm>

HAPPENINGS

CHRIS SCHWARZ AT OREGON GUILD

The **Guild of Oregon Woodworkers** host a special workshop with master craftsman, writer, and educator **Christopher Schwarz**, Apr. 10-12. Held in the Guild's woodshop, the writer for *Lost Arts Press* and *Popular Woodworking* magazine will conduct two sessions: On Friday, Apr. 10, he will lead a class on *Make a Wooden Try Square*, and on Saturday and Sunday, the workshop will be *Make a Tool Chest for New Anarchists*. Non-member registration for the 1-day class is \$295; the 2-day class is \$580. Both registrations include Guild membership. For info, visit the web site: www.guildoforegonwoodworkers.com or call **Norm Baird**, (360) 864-4812.

FURNITURE SOCIETY MEETING IN NC

The **Furniture Society** holds its 2015 *Symposium* at the American Tobacco Historic District, June 25-27, in Durham, NC. This annual meeting of studio furniture makers consists of lectures, demonstrations, and panel discussions, addressing a variety of topics relating to furniture design, techniques, and marketing. For conference details, visit the website: www.furnsoc.org.

HANDMADE INSTRUMENT CONFAB

The 38th annual *Handmade Musical Instrument Exhibit* will be held Apr. 25-26 at Marylhurst University in Marylhurst, OR. Over 70 instrument makers from the Pacific Northwest will be exhibiting and performing with their handmade string instruments. Marylhurst University is located one mile South of Lake Oswego on Highway 43. For info, visit the website www.nwmusicalinstrumentshow.org.

WORLD OF WOOD

The **International Wood Products Association** holds its 59th annual *World of Wood* convention, Mar. 18-20, at The Cosmopolitan in Las Vegas, NV. This conference addresses the global wood product industry, providing access to over 300 importers, U.S. manufacturers, exporters, wholesalers, offshore suppliers, and service providers from nearly 30 countries. For info, visit the website: www.iwpawood.org.

CARVING & CRAFT SHOWS

- Mar. 7-8 *Rhapsody in Wood* at Convention Center, **Grapevine, TX**. For info: Doug Sandling, (214) 564-9308.
- Mar. 14-15 *Kitsap County Woodcarvers* at West Side Improvement Club, **Bremerton, WA**. For info: Mark Campbell: 360 536-6155.
- Mar. 14-15 *Ramona Country Carvers Show* at Valley Wide Sports Center, **San Jacinto, CA**. For info: Roger Harrison, (951) 306-6692.
- Mar. 20-21 *Kansas City Wood Carvers Show* at John Knox Pavilion, **Lee's Summit, MO**. For info: Sandy Prentice, (913) 268-0243.
- Mar. 21-22 *Artistry in Wood* at Tri-Tech Skills Center, **Kennewick, WA**. For info: Gail Wintczak, (509) 582-8446.
- Mar. 21-22 *Great Salt Lake Woodcarvers Show* at Wheeler Historic Farm, E, **Salt Lake City, UT**. For info: George Jay, (801) 943-6363.
- Apr. 11-12 *Capital Wood Carvers Show* at Senior 50+ Center, **Salem, OR**. For info: Everett Koontz, (503) 581-8428.
- Apr. 11-12 *Red River Valley Wood Art Festival* at Baymont Inn, **Fargo, ND**. For info: Barry Kutzer, (701) 232-8718.
- Apr. 18-19 *Quilceda Carvers* at Red Curtain Foundation, **Marysville, WA**. For info: Keith Podoll, (360) 658-0134.

Save the date!

Thursday, Apr 2 —
Saturday, Apr 4



The opportunity to learn about the increasingly relevant topic of urban wood utilization in California does not come around often and is not to be missed. Join urban forest managers, researchers, industry professionals and woodworkers alike as we entertain the conversation of expanding and sustaining our urban forest products market by considering the true value of trees for more than just the benefits they give us while alive.

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San Marcos, CA**

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MORE HAPPENINGS

LIE-NIELSEN HAND TOOL EVENTS

The **Lie-Nielsen Toolworks** continues its *Winter Hand Tool Events* around the West. These free admission shows feature demos, sales, and hands-on experience with a variety of hand tools. Events are taking place at Sierra Madre Sawing & Milling in **Pasadena, CA**, Mar. 6-7; Santa Fe Community College in **Santa Fe, NM**, Mar. 27-28; Wood World of Texas in **Dallas, TX**, Apr. 10-11; and Clark Kellogg Furniture in **Houston, TX**, Apr. 24-25; . For specific details, visit the website: www.lie-nielsen.com or call: (800) 327-2520.

OREGON GATHERING OF THE GUILDS

The various Oregon crafts guilds join together for their annual *Gathering of the Guilds* exhibition, Apr. 24-26, at the Oregon Convention Center in Portland, OR. Participating clubs include **Guild of Oregon Woodworkers, Northwest Fine Woodworkers, Creative Metal Arts Guild, Oregon Glass Guild, Portland Bead Society**, and the **Portland Handweavers Guild**. Besides member's work, pieces from local high schools will be showcased. For info, visit the website: www.guildoforegonwoodworkers.com or call: (503) 222-0533.

PERIOD FURNITURE MAKERS MEET

The Southern California chapter of the **Society of American Period Furniture Makers** holds a 2-day *Spring Meeting*, Apr. 25-26, at Cerritos College in Norwalk, CA. Topics will focus on fitting drawers, inlay, construction, and reproduction measuring, with presenters **Paul Babcock, Rolly Rhodes, Bob Stevenson**, and **Cliff Trimble**. For info: visit the website: cms.cerritos.edu/woodworking/events.htm.



AUTHOR, PUBLISHER, EDUCATOR & MASTER WOODWORKER



Chris Schwarz

Portland, Oregon
April 9th – 12th, 2015

For more details, check out our website
or contact Norm Baird,
360-864-4812, email <nbaird@toledotel.com>

www.guildoforegonwoodworkers.org

REGISTRATION OPENS FOR AWFS

Registration is open for the **2015 AWFS®Fair**—the major woodworking show of the year in North America. It is taking place July 22-25 at the Convention Center in Las Vegas, NV. This biennial event includes a massive exhibition floor of manufacturers and distributors of woodworking tools and equipment, supplies, and services, in addition to a full educational seminar program and display of student work. Early registration by June 30 is \$25; \$50 afterwards. Special seminar fees are offered to educators and students. Discount hotel rooms are also available. For info, visit the website: www.awfsfair.org or call: (800) 946-2937.

SEDRO-WOOLLEY WOODFEST

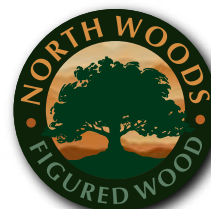
The 18th annual *Sedro-Woolley (WA) Wood Fest* celebrates all things wood, Apr. 11-12. On display will be carvings, turnings, crafts, furniture, and fine furnishings, and demos will be conducted. In addition, there will be a high school exhibit, educational exhibits, logging & rodeo demos, and a silent auction. For info, visit the website: www.sedro-woolley.com or call: (360) 855-1841.

BREWSTER SOCIETY KALEIDOSCOPES

The **Brewster Society** holds its 25th annual kaleidoscope convention, *The Art of Kaleidoscopes*, May 28-31, in Covington, KY. This event features instruction on constructing kaleidoscopes and showcases artists' work. Early registration deadline is May 7. For info, visit the website: www.brewstersociety.com.

TOOL SWAP MEETS

- Mar. 1 *Rocky Mountain Tool Collectors* at Advent Church, **Golden, CO**. For info: Mark Koons, (307) 322-2127.
- Mar. 14 *Old Tool Swap Meet* at Arroyo Hardwoods, **Pasadena, CA**. For info: (951) 686-5825.
- Mar. 14 *Pacific Northwest Tool Collectors* at Alki Masonic Hall, **Seattle, WA**. For info: Bill Racine, (503) 628-1488.
- Mar. 19-21 *THCKK Tool Meet*, **Richmond, MO**. For info: (816) 776-2936.
- Mar. 21 *PAST Tool Show* at Veterans Building, **Spreckels, CA**. For info: Bob Valich, (707) 545-8812.
- Apr. 12 *Old Tool Swap Meet* at Rockler Woodworking, 8199 Clairemont Mesa Blvd., **San Diego, CA**. For info: coffeorganic@hotmail.com
- Apr. 25 *Pacific Northwest Tool Collectors* at **Hillsboro, OR**. For info: Bill Racine, (503) 628-1488.



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MORE HAPPENINGS

2015 SUMMER WORKSHOPS

The **Fine Woodworking Program** at **College of the Redwoods** in Fort Bragg, CA is offering the following workshops this summer: *Carving* with **Paul Reiber** (June 1-5), *Tools and Techniques* with **Jim Budlong** (June 8-26), *Plane Making* with **Jim Budlong** (June 8-12), *Techniques* with **Jim Budlong** (June 15-26), and *Projects* with **Greg Smith** (July 6-31). Registration opens in March. For info, visit the web site: www.crfinefurniture.com or call: (707) 964-7056.

Anderson Ranch Art Center in Snowmass, CO has announced its *2015 Summer Program*, including workshops in furnituremaking, woodturning, and sculpture. Deadline for summer internship applications is Mar. 6. The *Workshop Catalog* is available at the web site: www.andersonranch.org. For info, call: (970) 923-3181.

WOOD WEEK AT NORTH HOUSE FOLK

The **North House Folk School** in Grand Marais, MN hosts its 2nd *Wood Week*, Mar. 5-8. This event consists of a variety of woodturning, carving, and hand tool woodworking courses, as well as a *Carvers Conference* on Saturday. For details, visit the website: www.northhouse.org or call: (218) 387-9762.

NATIONAL HARDWARE SHOW

See the newest products that will appear on the shelves of your nearby hardware stores at the **National Hardware Show**, May 5-7, at the Convention Center in Las Vegas, NV. Advanced registration is free. For info: www.nationalhardwareshow.com.

WEEKEND WITH WOOD MAGAZINE

Wood Magazine hosts its *Weekend with Wood*, May 14-17, at the publication's headquarters in Des Moines, IA. With more than 40 topics, this event features intensive woodworking instruction taught in small classes by such Master woodworkers as: **Marc Adams, Jim Heavey, George Vondriska, Andy Chidwick**, and a number of Wood magazine editors. An optional Saturday night dinner features a presentation by **Tommy MacDonald** of PBS's *Rough Cut Woodworking with Tommy Mac!* For info, visit the website: www.weekendwithwood.com or call: (888) 636-4478.

HANDWORKS

The national historic landmark **Amana Colonies** hosts *Hand-Works 2015*, May 15-16, in Amana, IA. Held in two restored timber-frame dairy barns and the Amana Furniture Shop, this 2nd biennial event celebrates woodworking tools and traditions, featuring demonstrations by over 48 unique hand toolmakers. A special presentation will be given by **Roy Underhill** on *Calypso's Gift: The Axe that Takes Us Home*. In addition, visit the historic German villages and restaurants in the area. Admission to the event is free, and door prizes will be provided. For info, visit the website: www.handworks.co.

REDWOOD LOGGING CONFERENCE

The 77th annual *Redwood Logging Conference* will be held Mar. 19-21 in Eureka, CA. This event features educational sessions, competitions, and demos of portable sawmills, from around the country. For info, visit the website: www.rllc.net or call: (707) 443-4091.



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- 360 Woodworking with Bob Lang, Glen Huey & Chuck Bender
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2015 SCHEDULE

SHOW TIMES: Friday 12-6; Saturday 10-6; Sunday 10-3

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New England

Jan. 09-11

Indianapolis

Jan. 16-18

Kansas City

Jan. 23 - 25

Columbus

Jan. 30- Feb. 01

St. Louis

Feb. 06-08

Detroit

Feb. 13-15

Somerset

Feb. 20-22

Atlanta

Mar. 06-08

Milwaukee

Mar. 13 - 15

Tampa

Mar. 20-22



FOR TICKETS AND MORE INFO PLEASE VISIT:
www.thewoodworkingshows.com

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3 LABS

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The *L.A. Modernism Show*, Apr. 24-26, had a new location. This is the West's longest running event showcasing the best in 20th century art & design. Over 40 world class dealers will bring their finest of Art Nouveau, Art Deco, Art Moderne, the American Arts & Crafts Movement, Wiener Werkstatte, Stickley, Eames, Memphis school, and architecturally-inspired designs.

AAW GALLERY OF WOOD ART

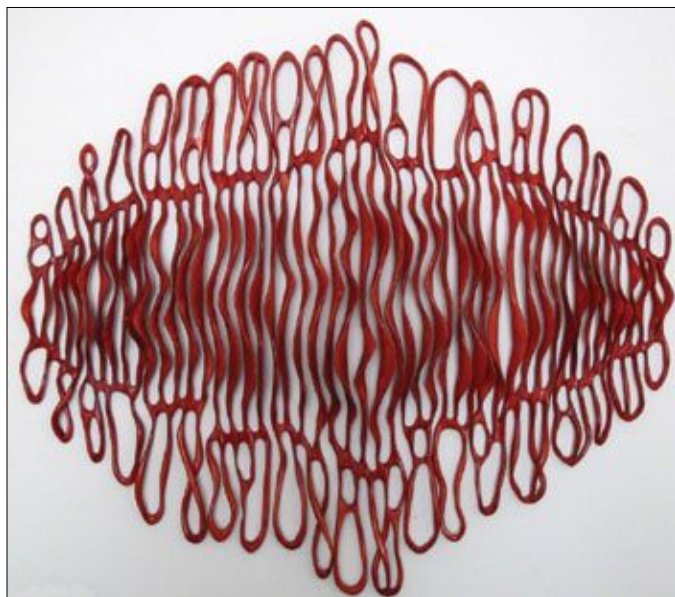
75 5th St. W., St. Paul, MN (651) 484-9094

The Gallery of the **American Association of Woodturners** presents *Creativity in Construction*, Mar. 3-June 14. This 9th annual *Professional Outreach Program (POP) Exhibition* features small-scale works, using more than one material, by studio woodturners from around the world.

ART MUSEUM OF SOUTHEAST TEXAS

500 Main St., Beaumont, TX (409) 832-3432

The Art Museum of Southeast Texas presents *Dream State* thru April 12th. Austin-based artist **Caprice Peirucci** creates wooden sculptures that are reminiscent of the textile and fiber work of her mother.



The Pine sculpture, *Red Dawn Cascade* (60" h, 60" w, 6" d) by Caprice Peirucci, is one of the pieces in *Dream State*, at the Art Museum of Southeast Texas.

ARIZONA FINE ART EXPO

26540 N. Scottsdale Rd., Scottsdale, AZ (480) 837-7163

The *Arizona Fine Art Expo* showcases over 100 artists in all media, Jan. 16-Mar. 29. Among the wood artists participating are **Dwight Bennett**, **John Montoya**, and **Charles Taube**.

ARTWOOD

1000 Harris Ave., Bellingham, WA (360) 647-1628

Artwood presents *Wood Jewelry* in March and *Salad Bowls* in April, featuring work by regional makers.

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ARVADA CENTER

6901 Wadsworth Blvd., Arvada, CO (720) 898-7255

The Arvada Center presents *Free Play*, thru Mar. 29. This exhibit features playful wood sculptures by Colorado Springs artist **Sean O'Meallie**.

BELLEVUE ART MUSEUM

Bellevue Square, Bellevue, WA (425) 519-0770

The Bellevue Art Museum presents *Knock on Wood*, thru Mar. 29. This third *BAM Biennial* exhibition features the work of 39 Northwest artists, working in wood.

BEST OF THE NORTHWEST

7400 Sand Point Way N.E., Seattle, WA (206) 525-5926

The **Northwest Art Alliance** hosts its *Spring Best of the Northwest*, Mar. 28-29, at Hangar 30. This 28th annual show features work in all craft media, including seven woodworkers.

BOETTCHER MANSION

900 Colorow Rd., Golden, CO (303) 526-1390

The **Colorado Arts & Crafts Society** hosts its annual *Gathering of the Guilds*, Apr. 26. Local guilds and artisans, inspired by the Arts & Crafts Movement, display work in various media and conduct demonstrations, workshops, and presentations.

BREA ART GALLERY

1 Civic Center Cir., Brea, CA (714) 990-7731

The City of Brea Art Gallery presents its 30th annual *Made in California Juried Exhibition*, Mar. 28-May 8. This show continues the proud tradition of displaying multimedia works from California artists, in every stage of their artistic careers.

CELEBRATION OF FINE ART

Scottsdale Rd./Mayo Blvd., Scottsdale, AZ (480) 443-7695

The 25th annual *Celebration of Fine Art*, thru Mar. 29, features over 100 multi-media artists, working in studios under a huge 40,000 sq. ft. tent. Among the wood artists participating are **David Barkby**, **Joseph Deru**, **Don LeMessurier**, and **Scott & Stephanie Shangraw**.

CORVALLIS PUBLIC LIBRARY

645 N.W. Monroe Ave., Corvallis, OR (541) 766-6926

The **Mid-Willamette Woodworkers Guild** holds its annual *Woodworking Show*, Mar. 26-29. In addition to showcasing members' work, there will be demonstrations and presentations.

CRAFT ALLIANCE

6640 Delmar Blvd., St. Louis, MO (314) 725-1177

Craft Alliance presents *Small Buildings: Built, Unbuilt, Unbuildable*, Mar. 13-May 10. This juried exhibit features models, maquettes, sculptures, drawings, or other relevant artifacts in all craft media.

DALLAS MUSEUM OF ART

1717 N. Harwood, Dallas, TX (214) 922-1200

The Dallas Museum of Art presents *Form/Unformed: Design from 1960 to the Present*, thru December. This show features hand-made objects, embracing the technological and formal ideals of modernism.

ON EXHIBIT

DE YOUNG MUSEUM

Golden Gate Park, San Francisco, CA (415) 750-3600

The de Young Memorial Museum presents *Embodiments*, thru July 5. This exhibit features 120 masterworks of African figurative sculptures.

DEEP ELLUM ARTS FESTIVAL

2800 Main St., Dallas, TX (800) 538-1881

The 22nd annual *Deep Ellum Arts Festival*, Apr. 3-5, is one enormous street party. Over six blocks, 200 exhibiting artists are combined with hundreds of musical entertainers and performers to create a rocking good time. Among the exhibitors are a dozen woodworkers.

DEL MANO

www.delmano.com (800) 335-6266

del Mano Gallery presents *Turned Wood - Small Treasures*, thru Mar. 7. This on-line show features turned work no larger than 6", in all directions. The annual *Hot Tea! 2015* exhibit, Mar. 7-Apr. 4, includes decorative tea pot forms in various media, including wood.

DEL MAR COLLEGE

Corpus Christi, TX (361) 698-1216

The Joseph A. Cain Memorial Gallery hosts the *49th annual National Drawing and Small Sculpture Show*, thru May 8. This juried exhibition features contemporary works in various media, from all over the U.S.

DESERT BOTANICAL GARDEN

1201 N. Galvin Pkwy., Phoenix, AZ (480) 941-1225

The Desert Botanical Garden presents *Arizona Indigenous*, thru May 3. This exhibit features new turned wood work by **Philip and Matt Moulthrop**, utilizing Arizona native woods.

FIGGE ART MUSEUM

225 W. 2nd St., Davenport, IA (563) 325-7804

The Figge Museum presents *Danish Modern: Design for Living*, Mar. 28-Jun. 21. This exhibit features iconic examples of 20th century Danish furniture design.

Among the examples on display is this Teak chair by **Helge Sibast**, designed in 1953.



Helge Sibast
Chair No. 8
Teak

FOREST HERITAGE CENTER

Broken Bow, OK (580) 494-6497

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ON EXHIBIT



John Dehoog
(Ann Arbor, MI)
Box for Four Things
Various woods,
aluminum, paint
(2 1/2" h, 18" w, 6" d)



Tom Eckert (Tempe, AZ)
Rag Study I
Wood
(8" h, 10" w, 2" d)



Dan Pfeiffer
(Fredericksburg, TX)
Egyptian Trophy Boxes
Macassar Ebony, Wenge,
Maple, African porcupine quills
(16" h, 8" w, 8" d)



Greg Thomas (Elkins, AR)
Walnut Burl
Walnut
(5 1/2" h, 9 1/2" dia)

Ted Ross (Marquette, MI)
Prosthesis Twenty Two
Wood, fiberglass
(17" h, 15" w, 15" d)

John Sheridan &
Chen Li
(San Francisco, CA)
P-14 Dining Chair
Mahogany
(39" h, 21" w, 22" d)



MATERIALS: HARD & SOFT

400 E. Hickory, Denton, TX (940) 382-2787

The **Greater Denton Arts Council** presents the 25th annual *Materials: Hard & Soft*, thru Apr. 2, in its Meadows Gallery. From nearly 600 submissions in all media, 70 works by craft artists from across the country were selected for this national juried contemporary craft exhibition. Works ranged from functional to decorative; traditional to cutting edge.

John DeHoog of Ann Arbor, MI won a *Juror's Award* for his *Box for Four Things*. Other wood artists selected for the exhibition were **Tom Eckert** (Tempe, AZ), **Dan Pfeiffer** (Fredericksburg, TX), **Ted Ross** (Marquette, MI), **John Sheridan & Chen Li** (San Francisco, CA), and **Greg Thomas** (Elkins, AR).

For info, visit the website: www.dentonarts.com.

ON EXHIBIT

of the Year Exhibit, Mar. 1-May 3. This juried show features wood art by **Tommy Allen** (OK), **William Bradford** (OK), **Richard Duval**, (OK), **Ron Engel-Wilson** (OK), **James Howe** (MO), **Didier Jegaden** (OK), **Kim Kenney** (MO), **Bill Koch** (OK), **Butch Lindsey** (OK), **Ray McAdams** (AR), **Robert "Mogi" Morgan** (AR), **Allen Phillips** (TX), **Jim Thompson** (OK), **Kevin Walker** (AR), **Ralph Watts** (NM), **Darrell Whisenhunt** (AR), **Phil Wiles** (AR), and **Robert Wilson** (OK).

GALLERY M

328 Main St., Half Moon Bay, CA (650) 726-7167

Gallery M will feature the wood jewelry and animal sculptures of **Ron Nichols** in March and the Arts & Crafts clock collection of **Jeff Page**, in April.

GUARDINO GALLERY

2939 N.E. Alberta St., Portland, OR (503) 281-9048

The Guardino Gallery features carved wood by **Stephanie Brockway**, Apr. 30-May 26.

HOUSTON CENTER FOR CRAFT

4848 Main St., Houston TX (713) 529-4848

The Houston Center for Contemporary Craft (HCCC) presents *Dining & Discourse: A Discussion in Three Courses*, thru May 10. This exhibition looks critically at the intrinsic relationship between craft and dining, featuring 27 emerging and mid-career artists working in wood, glass, ceramics, fiber, metal, and mixed media.

LA QUINTA ARTS FESTIVAL

Civic Center, La Quinta, CA (760) 564-1244

The 33rd annual *La Quinta Arts Festival* takes place Mar. 5-8. Ranked as the #1 fine art festival in the nation, this multimedia showcase features the work of 217 artists, including woodworkers **Alex Chitura**, **Mark Doolittle**, **Michael Hamilton**, **Greg Klassen**, **Crystal Lockwood**, **Jay McDougal**, **Dale Robbins**, and **Tom Thornton**.

MAUI ARTS & CULTURAL CENTER

One Cameron Way, Kahului, HI (808) 242- 2787

The Maui Arts & Cultural Center hosts the 37th annual *Art Maui*, Apr. 5-May 3. This show features an eclectic multi-media mix, including woodwork.

MINGEI INTERNATIONAL MUSEUM

1439 El Prado, San Diego, CA (619) 239-0003

Mingei International Museum presents *In the Realm of Nature*,

thru Mar. 15. This exhibition presents a retrospective of work by two of America's foremost pioneers in contemporary craft: woodturner **Bob Stoksdale** and his wife, fiber artist **Kay Sekimachi**. Besides samples of his turned vessels, the show includes the first public view of Bob's one-of-kind furniture.

MOD A-GO-GO

242 E. Temple, Salt Lake City, UT (801) 355-3334

Mod-A-Go-Go hosts *The Modern Credenza*, Mar. 20-Apr. 11. This is the showroom's 3rd design competition, featuring furniture pieces by local craftsmen.

MUSEUM OF RUSSIAN ART

5500 Stevens Ave. S., Minneapolis, MN (612) 821-9045

The Museum of Russian Art presents *Life on the Edge of the Forest: Russian Traditions in Wood*, thru Mar 8. This exhibition focuses on the folk traditions of Russian woodworking, as well as how the Russian forest played a role in cultural identity and way of life.

NOHEA GALLERY

1050 Ala Moana Blvd., Honolulu, HI (808) 596-0074

The Nohea Gallery features the turned work of **Jerry Kermode**, Mar. 1-Apr. 30.

NORDIC HERITAGE MUSEUM

3014 N.W. 67th St., Seattle, WA (206) 789-5707

The Nordic Heritage Museum presents *Finland: Designed Environments*, Mar. 12-July 26. This exhibit looks at the explosion of creativity in Finnish design over the last 15 years, with examples of furnishings, fashion, craft, architecture, and urbanism.

NW WOODWORKERS' GALLERY

2111 1st Ave., Seattle, WA (206) 625-0542

The Northwest Woodworkers Gallery presents its 7th annual *Rising Star Furnituremakers*, Apr. 1-May 31. The show features Northwest emerging studio artists, who have not previously exhibited in the gallery.

NORTHWAY MALL

3101 Penland Pkwy., M1, Anchorage, AK (907) 696-0725

Alaskan local wood guilds will exhibit members' work in the 11th annual *Artistry in Wood* exhibition, Feb. 25-Mar. 8. On display will be woodcarvings, woodworks, woodturnings, woodburnings, and scrollsaw designs.

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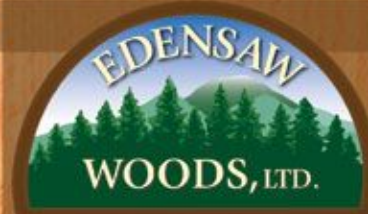
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ON EXHIBIT



David Delthony (Escalante, UT)
Arches
Laminated, sculpted plywood
(48" h, 34" w, 29" d)

MESA CONTEMPORARY

1 E. Main St. Mesa, AZ (480) 644-6560

Mesa Contemporary Arts continues its 36th annual *Contemporary Crafts* exhibition, thru Apr. 5. This show features 51 artworks by 35 artists in ceramics, fiber, basketry, metal, wood, glass, jewelry, paper-making, and book art.

Among the *Juror's Awards* (with monetary prizes) were **Dean Johnson** of Santa Fe, NM, for his segmented turned vessels, and **Chris Martin** (Ames, IA) for his sculpted furniture. Other wood artists displaying are **David Delthony** (Escalante, UT) and **Richard M. Kerrell** (Chino Valley, AZ).



Richard M. Kerrell
(Chino Valley, AZ)
Tilting Vessel
Curly Koa, Holly, Ebony
(9" h, 6" w, 5" d)



Chris Martin
(Ames, IA)
Tribal Stool
Industrial felt, fiberglass
(16" h, 25" w, 12" d)



Dean Johnson
(Santa Fe, NM)
Segmented Vessel #3
Wood turning
(6 1/2" h, 7 1/4" dia)



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The Turners Laser Guide enables you to know the location of a point on the cutting edge in real time even while the vessel is spinning and material is being removed. It utilizes a laser pointer to indicate the cutter position on the outside of the vessel while the cutter is actually inside the vessel and is otherwise impossible to accurately locate. The Turners Laser Guide can be attached to either to the turning tool ferrule or shaft ranging from 3/4" to 1-1/4" in diameter. With the stainless steel supports you can turn vessels 10" deep by 20" in diameter. The Turners Laser Guide can be set to show the position of a cutter or to show the offset to give you the ability to see the wall thickness of your vessel while it is spinning.



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**TURNERS
LASER GUIDE**

ON EXHIBIT

OCTAGON CENTER FOR THE ARTS

427 Douglas Ave., Ames, IA (515) 232-5331

The Octagon Center for the Arts presents its 47th *Annual Juried National Clay, Fiber, Paper, Glass, Metal, Wood Exhibition*, thru Apr. 4. From 300 submissions, this exhibition consists of 65 pieces by artists from 12 states.

OGDEN NATURE CENTER

966 W. 12th St., Ogden, UT (801) 621-7595

The Ogden Nature Center hosts its 22nd annual *Birdhouse Competition and Exhibit*, Apr. 11-June 30. This exhibit of hand-crafted and whimsical birdhouses and birdfeeders is presented outdoors, for wildlife to utilize.

OKLAHOMA FESTIVAL OF THE ARTS

Hudson Ave., Oklahoma City, OK (405) 270-4848

The 48th annual *Festival of the Arts*, Apr. 21-26, features nearly 140 multi-media artists from all over the U.S.

OKLAHOMA STATE UNIVERSITY

720 S. Husband St., Stillwater, OK (405) 744-2780

The Oklahoma State University Museum of Art hosts *Frank Lloyd Wright's Samara*, thru Apr. 21. This exhibit features 117 works—including furnishings, photographs, drawings, family memorabilia, video, banners, and interactives—from his "ideal family home," built in Indiana.

PETALUMA ART CENTER

230 Lakeville St., Petaluma, CA (707) 762-5600

The Petaluma Art Center presents *Work & Play: The Eames Approach*, thru Mar. 8 and *Lineage*, thru Mar. 18. The first exhibit features pieces by **Charles** and **Ray Eames**, and the latter exhibit includes work, influenced by the Eames, by students of **California College of the Arts**.

REFLECTIONS KALEIDOSCOPES

10400 Kasten St., Mendocino, CA (707) 937-0173

Reflections Kaleidoscopes presents *Reflective Artistry*, Apr. 2-30. This 8th annual invitational exhibition features a variety of kaleidoscopes.

SCOTTSDALE ARTS FESTIVAL

7380 E. 2nd St., Scottsdale, AZ (480) 994-2787

The *Scottsdale Arts Festival*, taking place Mar. 13-15, is the finest outdoor arts show in the Southwest. The festival features work by 200 nationally acclaimed artists in various media, including a dozen woodworkers.

SEATTLE ART MUSEUM

100 University St., Seattle, WA (206) 654-3100

The Seattle Art Museum presents *Seattle Collects Northwest Coast Native Art*, thru May 17. The show features 60 Northwest Coast Native iconic masks, wood sculptures, argillite carvings, and weavings, drawn from local private collections.

SONOMA VALLEY MUSEUM OF ART

551 Broadway, Sonoma, CA (707) 939-7862

The Sonoma Valley Museum of Art presents *Shaker Stories*, thru May 17. This exhibit features more than 80 pieces of 19th Century furniture and decorative objects, from the vast collection of **Benjamin H. Rose III**.

STEPHEN F. AUSTIN STATE UNIVERSITY

School of Art, Nacogdoches, TX (936) 468-1131

The Cole Art Center hosts the *Texas National 2015*, Apr. 11-June 13. Open to all 2-D & 3-D media, this exhibit provides emerging artists an opportunity to have work juried by internationally-acclaimed artists and presents new and innovative art to regional audiences.

THE DOMAIN

11410 Century Oaks Ter., Austin TX (281) 222-6820

The Domain hosts *Art Austin*, Apr. 18-19. This art festival features work by 90 artists working in various media.

WAILOA CENTER GALLERY

200 Piopio St, Wailoa State Park, Hilo, HI (808) 933-0416

The Wailoa Center hosts the 16th annual exhibition of the **Big Island Woodturners**, Mar. 6-27. Guild members will be showing turned bowls, vases, and art objects made of local and exotic woods. Turning demonstrations will be conducted on Saturdays.

WOODLANDS WATERWAY ART FESTIVAL

Woodlands Waterway, Woodlands, TX (281) 507-0343

The *Woodlands Waterway Art Festival* takes place Apr. 10-12. More than 200 artists present works in various mediums, including 16 woodworkers.

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ORGANIZATIONAL NEWS



Tom Gaston
(Menlo Park, CA)
Marquetry Desk
Mahogany, Walnut,
Lacewood
(30" h, 53" w, 24" d)



Claude Godcharles
(Menlo Park, CA)
*Charles X Style
Guerdon*
Madrone burl,
Manzanita burl,
Bird's-Eye Maple
(29" h, 22" dia.)



John Blackmore
(Woodside, CA)
Stand-Up Desk
Madrone
(50" h, 35" w, 23" d)



Arnold Champagne
(San Francisco, CA)
Tea Box
Black Walnut, Bird's Eye Maple

S.F. BAY AREA WOODWORKERS

The San Francisco-area **Bay Area Woodworker Association** held its annual *Woodworking Show* in October, at the Woodcraft store in San Carlos, CA. On display were 50 pieces—from furniture to decorative objects to art pieces—illustrating the breadth of design, skills, and techniques of the club's membership.

Best of Show was a *Marquetry Desk* by **Tom Gaston** of Menlo Park, CA. The top is skinned with Mahogany veneer and ornamented with a fan of Walnut and inlaid flowers. The *People's Choice Award* went to **John Blackmore** of Woodside, CA for his *Stand-Up Desk* of Madrone.

Category winners were: *Advanced Table*: **Claude Godcharles**; *Advanced Miscellaneous*: **Arnold Champagne**; *Intermediate Table*: **Tom Gaston**; *Intermediate Cabinet*: **John Kaplan**; *Intermediate Box*: **Robert Young**; *Intermediate Miscellaneous*: **Harold Patterson**; *Beginner*: **Justin Amendola**; and *Student*: **Eric Roise** of Menlo-Atherton High School.

The Bay Area Woodworkers meet on the third Thursday of the month at the Foster City Recreation Center, 650 Shell Blvd., in Foster City. For info, visit the website: www.bayareawoodworkers.org or contact President **Frank Ramsay**, (408) 823-2382.



Robert Young
(San Carlos, CA)
Tool Chest
Cherry
(18" h, 30" w, 16" d)

ORGANIZATIONAL NEWS

A complete list of woodworking clubs in the West can be found at the *Woodworker West* website: www.woodwest.com. Carving club events are also listed on page 25. Clubs can e-mail listing information to: editor@woodwest.com.

ALASKA

The **Alaska Creative Woodworkers** are hosting a spoon carving class with **Peter Follansbee**, May 1-2. For info: www.alaskacreativewoodworkers.org.

The **Alaska Creative Woodworkers Association**, **Alaska Woodturners Association**, **Last Frontier Woodcarvers**, and **Alaska Creative Scrollers** join together to exhibit members' work in the 11th annual *Artistry in Wood*, thru Mar. 8, at the Northway Mall in Anchorage, AK. For info: www.alaskacreativewoodworkers.org.

ARIZONA

The **Arizona Fine Woodworkers & Arizona Woodturner** will be demonstrating, Apr. 8-12, at the Maricopa County Fair in Phoenix, AZ. For info: www.azfinewoodworkers.org.

The **Prescott Area Woodturners** will have a demo by **Michael Mocho**, Mar. 14. For info: www.prescottareawoodturners.com.

CALIFORNIA

The **Bay Area Woodturners** will have a demo and class with **Jason Breach**, May 23 & 25. For info: www.bayareawoodturners.org.

The **Central Coast Woodturners** will have a demo by **Soren Berger**, June 6. For info: www.centralcoastwoodturners.com.

The **Diablo Woodturners** in Pleasant Hill will have a talk by **Brian Condran**, Mar. 14. For info: www.diablowoodworkers.com.

The **Orange County Woodturners** will have a demo by **Avelino Samuel**, Mar. 25. For info: www.ocwoodworkers.org.

The **San Diego Woodturners** will have a demo by **Guilio Marcolongo**, May 23. For info: www.sdw.org.

The Southern California chapter of the **Society of American Period Furniture Makers** hosts a 2-day meeting on carving and finishing, Apr. 25-26, at Cerritos College in Norwalk. For info: cms.cerritos.edu/woodworking/events.htm.

The **West Bay Area Woodturners** will have a demo by **David Marks**, May 24. For info: www.westbaywoodturners.com.

The **Wine Country Woodturners** will have a demo by **Jason Breach**, Mar. 17. For info: www.winecountrywoodturners.org.

COLORADO

Various Colorado craft guilds come together for the annual *Gathering of the Guilds*, Apr. 26, at the Boettcher Mansion in Golden. For info: www.coloarts-crafts.org/events.htm.

The **Rocky Mountain Woodturners** will have a demo and class by **Guilio Marcolongo**, May 7. For info: www.rmwt.org.

HAWAII

The **Big Island Woodturners** hold their 16th Annual Exhibition, Mar. 6-27, at the Wailoa Center Gallery in Hilo. For info: www.bigislandwoodturners.org.

The **Honolulu Woodturners** hold their 6th Woodturning Symposium, Mar. 14-15, with featured demonstrator **Jerry Kermode**. For info: www.honoluluwoodturners.org.

The **Kauai Woodturners** will have a demo by **Jerry Kermode**, Mar. 7. For info: www.kauaiwoodturners.com.

The **West Hawaii Woodturners** will have a workshop with **Neil Scobie**, June 21. For info: www.westhawaiiwoodturners.org.

NORTH DAKOTA

The **Dakota Woodturners** host their 2015 Woodturning Symposium, Apr. 17-19, with featured demonstrators **Nick Cook**, **Alan Lacer**, and **Ron Day**. For info: www.dakotawoodturners.com.

The **Min-Dak Woodturners** will have a demo and class with **Alan Lacer**, Mar. 12-14. For info: www.minndakwoodturners.com.

OKLAHOMA

The **Northeastern Oklahoma Woodturners** will have a clinic with **Dixie Biggs**, Mar. 1-4, and a demo and workshop with **Graeme Priddle**, June 6-10. For info: www.neowta.com.

OREGON

The **Cascade Woodturners** will have demos and classes with **Trent Bosch**, Mar. 26-28, and **Soren Berger**, June 19-20. For info: www.cascadewoodturners.com.

The **Guild of Oregon Woodworkers** will have workshops with **Chris Schwarz**, Apr. 10-12. For info: www.guildoforegonwoodworkers.com.

The **Guild of Oregon Woodworkers** join other regional craft guilds for *Gathering of the Guilds*, Apr. 24-26, at the Oregon Convention Center. For info: www.guildoforegonwoodworkers.com.

The **Mid-Willamette Woodworkers** will hold their 31st annual *Exhibition of Fine Woodworking*, Mar. 26-28, at the Library in Corvallis. For info: www.mwwg.net.

The **Willamette Valley Woodturners** host the first *Oregon Woodturning Symposium*, Mar. 6-8, at the Linn County Expo Center in Albany. They will also have a pyrography demo by **Cynthia Gibson**, Apr. 9. For info: www.willamettevalleywoodturners.com.

UTAH

The Utah woodturning clubs are co-sponsoring the 36th annual *Utah Woodturning Symposium*, May 14-16, at Utah State University. For info: www.utahwoodturning.com.

The **Utah Woodturners** will have a demo by **Jason Breach**, May 9. For info: www.utahwoodturners.org.

WASHINGTON

The **Inland Northwest Woodturners** will have a demo by **Lyle Jamieson**, Mar. 14. For info: www.inwwoodturners.com.

The **Mid-Columbia Woodturners** will have a demo and workshop with **Michael Hosaluk**, Mar. 14-16. For info: midcolumbiawoodturners.com.

The **Northwest Washington Woodturners** will have a demo and workshop with **Michael Hosaluk**, Mar. 20-22. For info: www.nwwwt.org.

The **Olympic Peninsula Woodturners** will have a presentation by **Molly Winton**, Mar. 25. For info: www.opcaaw.com.

The **Woodturners of Olympia** host their annual *Creativity in Woodturning* symposium, July 25, featuring **Richard Raffin**. For info: www.woodturnersofolympia.org.

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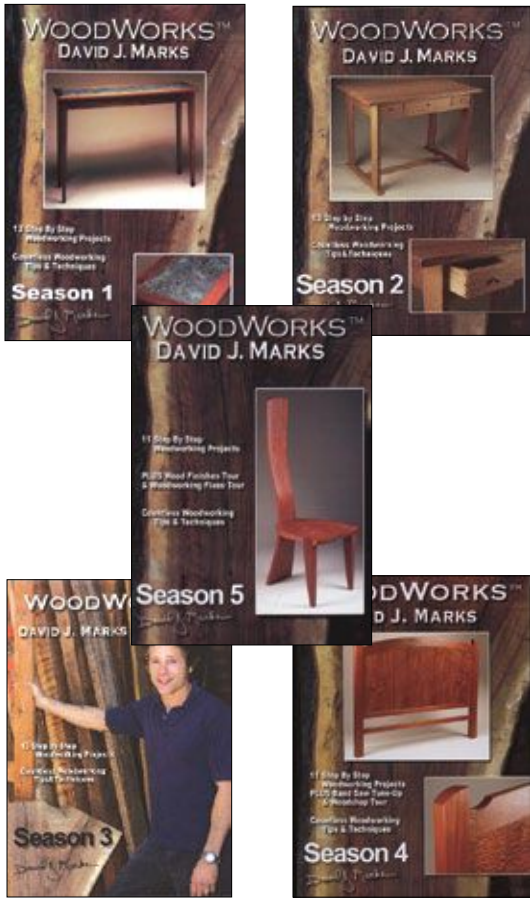
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From David Marks Studio

Answering Reader's Questions

by David Marks



David Marks has been a studio furniture maker in Santa Rosa, CA for over 40 years and was the host of the popular woodworking television program *WoodWorks* on the DIY network. He also has been a contributor to *Woodworker West*, since 2004.

Over seven seasons, David produced 91 episodes of *WoodWorks*, featuring step-by-step instructions for building contemporary studio furniture. He has secured a licensing agreement, re-edited them, and Seasons 1-5 are available as complete DVDs, with the full 13 episodes from each season. Individual episodes also can be downloaded. Visit David's eStore at: www.djmarks.com/estore/.

David has released his 2015 teaching schedule:

- Gilding & Chemical Patination (July 10-12)
- Curved Joinery (July 31-Aug. 2)
- Creative Bowl Turning (Oct. 15-19)

In addition, David will be hosting a *Marquetry* class with **Paul Schürch** (Nov. 12-15).

Details on these classes at the David Marks Studio can be found at the website: www.djmarks.com/classes.asp.

1. Finishing: *I get so many e-mails inquiring about finishing, that I wanted to revisit the subject:*

No matter which type of finish you select, keep in mind that approximately 60% to 70% of a good finish is surface preparation. That means scraping and sanding, until all saw marks, mill marks, etc. are removed. Tabletops are the most critical and need to be examined in raking light. That means placing a light source near the table and positioning yourself so that you can see the light reflect off the top. As you move around, your eyes should be able to scrutinize every square inch of the top, revealing any scratches, flaws, high spots, or low spots.

Generally speaking, I prefer a hand rubbed oil finish for most of the furniture that I build. Linseed Oil and Tung Oil are the two most commonly used oils in finishes, and both of them have withstood the test of time. Linseed oil is derived from the flax plant and has been used since the ancient Egyptians. Tung oil is derived from the nuts of the Tung tree, which grows in the Far East and was used to help preserve the Great Wall of China.

Both of these oils penetrate the structure of wood cells, creating a finish that is "in" the wood, as opposed to being "on" the wood. Applying multiple thin coats will create depth and accentuate the figure of the wood.

Oil finishes do not offer the same resistance to moisture that film finishes—lacquer and polyurethane—do, but the trade off is that oil finishes allow for a very natural looking finish and permit you to experience the tactile quality of the wood. In addition, they are easy to repair. If the surface looks worn, you do not have to strip it and sand it; you simply rub in another coat of oil.

I have tried various methods of mixing Linseed oil and Tung oil in the past, but since the mid 80's, I've been using products called *Seal-A-Cell* and *Arm-R-Seal*, made by the General Finishes Company and available at various woodworking retailers and mail order retailers.

Since I did the first six seasons of *Woodworks*, this finish has been improved and no longer has the make-up stated in the show. I use two products starting with a sealer and finishing with a top coat. Company representatives state that *Seal-A-Cell* (which is clear, but also available in different colored stains) is a blend of modified Linseed oil, oil modified urethane, and alkyd resin, and dryers. The topcoat, *Arm-R-Seal*, is now an oil modified urethane with dryers and is available in gloss, semi gloss, and satin.

A high quality finish starts with good surface preparation. This means thoroughly sanding the surface with 220 grit sandpaper or higher. I usually sand to 320 grit to bring out the clarity of the grain. Because of the time limitations of the show, we generally don't demonstrate much sanding. After removing the dust (I use compressed air, if you don't have compressed air, a vacuum

cleaner and tack rags work well), I apply the first coat of sealer liberally to the surface, allowing it to soak in for a few minutes, and then use some soft rags and buff off all of the excess. This is important, otherwise you will have resins that get sticky and leave an uneven surface. I let this coat dry overnight preferably at 70° or warmer. A cold and damp environment can cause a finish to lack clarity and delay drying time.

The next day, I thoroughly buff the entire surface (including the backs and bottoms of furniture which I finish to balance the piece and maintain equilibrium) with 4 OT (0000) steel wool. This is the finest grade, and I find that it really smooths the surface. After removing the steel wool dust, I apply the first coat of *Arm-R-Seal* gloss.

As a rule I always build the finish with coats of gloss, whether it is oil, lacquer, urethane, etc. Then, if I want a semi-gloss or satin sheen, I'll use that for the last 1 or 2 coats. Keep in mind that the *Arm-R-Seal* dries faster, so I usually just work smaller areas up to 12 square inches and overlap the finish. Again, I brush it on, let it soak in for a minute, and rub the surface dry with a clear cloth. Let it dry and repeat the process.

I find that a total (including the sealer coat) of 4 or 5 coats usually creates a nice smooth finish that protects the wood, while bringing out the beauty and depth of the grain patterns. The finish can be enhanced by applying a light coat of wax.

2. Repairing Old Table Legs: *I took on a project and I'm not sure how to proceed? The project is repairing the legs to a 150-200 year-old table (all of the threads are shot). The table has "wood threads" measuring $\pm 1\frac{1}{2}$ " diameter and*

8" long (i.e., wood studs) The cavity is ± 4 " deep and oversized $1\frac{1}{2}$ " diameter. I have a wood thread kit for making the new threads, however, the cavity to receive the threaded end of the leg is slightly larger. I called the manufacturer of the thread unit to see if there was any way to enlarge the threads—unfortunately—no. The tool only regulates the depth of the threads at the given size of the thread box. So, the only thing I can come up with is to re-pour the table cavity and re-drill to the correct size.

My question: Is that my only option or can you suggest another procedure. If re-pouring is the answer, what material would you suggest to re-pour and re-drill? Something like "hard rock"? Or some other better product? Dave.

David's Answer: Restoration work does come with its share of challenges. From your e-mail, it sounds like you have a wood thread kit for making the new threads. You did not say if the kit also has the tap to cut the threads into the recess. I know that Beall Tool Company makes kits to cut the positive and negative threads. It would be best if you could take a large block of Maple and drill and tap the negative threads into that and then insert that back into the table leg cavities.

If re-pouring is your only option, then I would not use a plaster material like "Fix All." Epoxy would be your best way to go. Epoxy should make some very strong threads. I would look into the West System Epoxy. You will want to use a filler, which gives the epoxy more strength. You could contact the West Systems Epoxy tech support service, tell them what you are doing, and they will recommend their strongest filler/fiber material for the job.

Every Storm has a Silver Maple!

2014 ended with big storms sweeping across all of Northern California, and the old expression "every cloud has a silver lining" certainly played out well for me.

In December, I received a call from a friend in the city of Sonoma (which is about an hour's drive away from my studio), telling me that a recent storm blew over a Silver Maple tree, and he would like to sell it.



I jumped at this opportunity to secure the tree. With some back breaking work—and greatly appreciated help from my friend Josh—we were able to cut the tree into manageable logs at the site (right). After it arrived at my studio, I hired my friend Shawn to cut the wood to my specifications with his Wood-Mizer portable sawmill.

The resulting blanks were enough for use in for our February woodturning workshop, with guest instructor Mike Mahoney.

David Marks at the site of the downed Silver Maple.

Tools and Techniques

Tapered Bent Lamination

Creating the Curve and Cutting the Laminates

by Pamela Goldman



The class project in our Cerritos College furniture class was a **Jere Osgood**-influenced table. The table by instructor Todd Ouwehand has bent, tapered, laminated legs breaking through the table top. It features a dramatic tapered cove.

Walnut, Beech
(29 ³/₄" h, 24" w, 14")

Remember **Todd Ouwehand**? He is the Los Angeles studio furnituremaker, profiled in *Woodworker West*, November-December 2008. A frequent element in his work is complex curves, created using bent tapered laminations. By cutting solid material into $\frac{1}{8}$ "- $\frac{3}{8}$ " tapered strips, they can be reassembled and bent around a form to produce a tapered workpiece (as reflected in the legs of the table above). The tapered thicknesses are equally distributed among the individual laminates.

"Since I rarely like perpendicular lines, this method allows me to flare out a furniture part, which is very strong and allows the grain to follow the curve (which would not happen if you simply cut it out of a board)," explains Todd. Using a bending form, the tapered laminations can be further shaped into a curve to create more distinctive design features.

Todd, who also teaches at Cerritos College in Norwalk, CA, shared this technique with students in his class, *Curved and Tapered Forms for Furniture*, last Fall. I had the privilege of taking this class, and this article describes the process in which we all made tables utilizing this technique. To see more of Todd's work, visit his website: www.toddouwehand.com. For more information about the Cerritos College Woodworking Program visit www.cerritos.edu/wood.

Introducing curves into your work can be fun, offering a refreshing break from the usual boxy, straight-line design of many furniture pieces. The leg of a chair curving to form the arm, a curved table leg, or a bowed drawer front can add an organic feel or a sense of whimsy. You could bandsaw a solid piece of lumber into the desired shape, but you might run into a short grain issue, which could undermine the structural integrity or look unsightly.

Using bent lamination—cutting thin strips of wood along the grain and bending it around a form—resolves the short grain problem and creates strength from the glue used to hold the laminates together. This method also allows you to stretch dramatically figured or rare lumber by resawing it and using it on the outside faces. The curve can be further accentuated by adding the finesse of a taper, in which the elements decrease in thickness along their length.

Both regular bent lamination and tapered bent lamination require control and accuracy at each step to achieve quality parts. How to get a taper that is consistent over the length of each and every laminate strip is part of what we learned in **Todd Ouwehand's** *Curved and Tapered Forms for Furniture* class at Cerritos College.

Todd's approach utilizes a tapering jig on a tablesaw, rather than multiple passes through a planer. This unique approach uses a shop vacuum to hold each laminate strip in place during the tapering operation.

In consultation with other Cerritos faculty and input from the students in the class, the jig morphed into its current state (Figure 1).



FIGURE 1. Ouwehand's jig for cutting tapered laminations on the table saw includes a vacuum hose adapter—allowing it to be connected to a shop vacuum—and holes to create the suction needed to hold the laminate in place during the tapering process.

PREPARING THE BENDING FORM

You are likely to have begun with a sketch or drawing of your furniture piece. Working in full-scale gives you a chance to fine-tune your curve, working out the details for joining and fitting the elements, and create the pattern for constructing your bending form. You can enlarge your drawing or transfer onto paper (such as Brown Kraft paper) or plywood.

To manually scale up your drawing, measure the original drawing, every inch or two, and transfer these “points” to the full-scale drawing (best shown in Figure 4).

To draw a natural curve, cut a thin 1" wide strip of wood and bend along the marked points using quart paint cans to hold the strip in place (Figure 2). By moving the paint cans you can adjust the curve, then draw along the edge of the strip (Figure 3).



FIGURE 2. Use quart paint cans to support the wood strip along the marked points. The cans need to be pretty full to give you the weight needed to hold the strip in place.

FIGURE 3. You will need to move cans out of the way to draw the curve. Support the strip with your hand, draw that section, and move the can back.



FIGURE 4. Here, we have the full-scale curve. You can see the reference lines used to transfer the points of the curve from the quarter-scale drawing to the full-scale drawing.



Once satisfied, this drawing is used to create the pattern and bending form. There are several different types of bending forms. We used a 1-part form made from shop grade plywood. It is sturdy and provides plenty of room to accommodate the many clamps needed

during glue up. Be sure to make the pattern and jig several inches longer than the actual part (top and bottom) to clamp past the end of your final part length for a quality glue up (Figure 5).



FIGURE 5. The pattern is created from the full-size drawing. This is used to make the bending form. It had to be sturdy enough to support the more than 20 clamps it took for this glue up.

PLANNING THE LAMINATES

With the bending form completed, you can determine the size and number of laminates needed to create the part. The laminates need to be long enough to travel along the outside curve of the bending form. Using my table leg as an example (Figures 6 and 7), the finished height is $22 \frac{3}{8}$ ". The laminate strip needs to be 30" long to follow the curve at its finished length, and I added an extra 4" at each end—for clamping—to make a total length of 38".

For the laminate thickness, there are several factors to consider. More layers will reduce springback, fewer layers means less material lost to the saw blade kerf.

You don't want the thin end to get too thin, and the thick end needs to be thin enough to curve along the bending form. Cut test strips from the same material that you are using for your part, and bend them around the form. You should be able to bend them using hand strength, without the strip cracking or breaking.

My test strip ripped to $\frac{1}{8}$ " width bent great. At $\frac{3}{32}$ ", it bent around the curve, but needed some muscle. The piece ripped at $\frac{1}{4}$ " would get around the gentle curve with a lot of muscle, but forget about the tight curve.

Making the taper jig requires you to cut two of the jig parts at an angle. That angle is determined by the difference between the thick and thin ends of the laminate. I chose to use 13 tapered laminates. I also introduced two untapered pieces in a contrasting color that are $\frac{1}{8}$ " thick.



FIGURES 6 & 7. 13 tapered laminates in Cherry and two untapered laminates in Mahogany were used to create this table leg. At the top the leg is 3" wide, $\frac{1}{8}$ " at the bottom.

After my calculations, the thick end of each laminate will measure .2115", the thin end .0865". The difference is .125"—the offset.

VACUUM TAPERING JIG FOR PAM'S TABLE LEG

Cut List: $\frac{1}{2}$ " or $\frac{3}{4}$ " Baltic Birch Plywood

- Top & Bottom: 2 pieces— $5\frac{1}{2}$ " x 39" (Length of my laminate + 1". You can make the jig a bit narrower if you want. It needs to be wide enough to accommodate the connection fitting for the vacuum.
- Sides: 2 pieces— $2\frac{1}{2}$ " x 39" (Sides need to be tall enough to accommodate the width of your laminates.)
- Ends: 2 pieces— $2\frac{1}{2}$ " x TBD (Once your jig is assembled, you can measure the ends and cut your pieces to fit. You can leave the trailing end long to create an integrated stop or glue a stop on after assembly.)

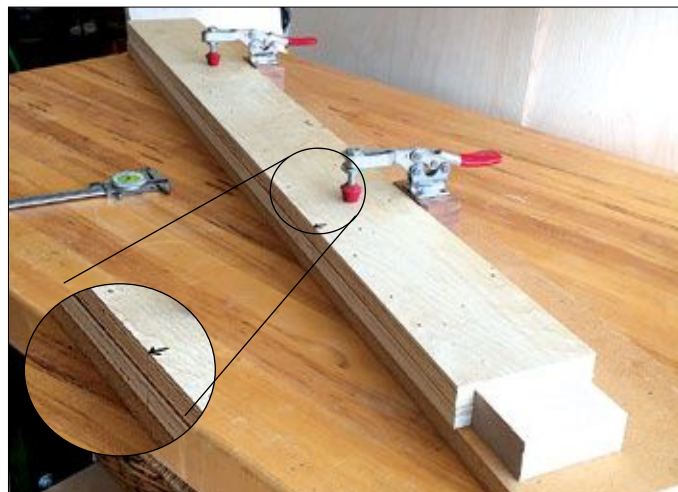


FIGURE 8. Align the jig's top and bottom parts with the upper left edge of the sled. Measure down the length of your part and mark it. At one end, extend the parts out from the sled the amount determined in your calculation for the offset.

In order to cut the tapered top and bottom of the jig, you will need a sacrificial sled. It should be wider and longer than your jig parts to accommodate the stop blocks and clamps. The left and right edges of the sled need to be straight and parallel.

Line up the top and bottom boards exactly and secure them together. Whatever method you use, be sure they are secure, but can be separated after the cut. I used a 23-gauge headless pin nailer. You could cut the top and bottom separately, but cutting the taper in one operation can prove more accurate.

Measure from the upper left corner down—30" for my leg—and mark it. Be sure to use the measurement of your laminate without the extra 8". Put the top/bottom board sandwich, on the sled with the top left corner of the sandwich, aligned with the top left corner of the sled. At the mark, extend the sandwiched parts out the distance between the thickest and thinnest sections of the taper—.125" for my jig. Add stop blocks along the right and bottom edges, and clamp the parts securely in place against the blocks (Figure 8).

You are now ready to cut the taper on your jig parts. Set the table saw fence so that you are cutting off about $\frac{1}{2}$ " of your sacrificial sled and make the rip cut. Be sure to mark which edge is tapered on both boards so they don't accidentally get turned around.

Before you assemble the jig you need to drill the holes that will accommodate the vacuum hose connection fitting and suction holes. In the jig top, drill a $2\frac{1}{2}$ " hole about a quarter back from the leading edge (the wide end of the jig) for the vacuum hose adapter—in this case, Rockler part number 42251).

In one jig side drill $\frac{1}{2}$ " holes every 6" or so. It is important that the most forward hole will be $\frac{1}{4}$ "- $\frac{1}{2}$ " from the laminate end, and all holes are approximately centered in the width of the laminate, so you don't lose any suction.

Assemble the parts. Attach the undrilled side to the top and bottom along the straight, untapered edge (Figure 9). Make sure the wider edges are forward. Todd uses $1\frac{1}{4}$ " finish nails, glue isn't necessary, but take care to align everything, accuracy counts. Next, attach the drilled side to the tapered edge. You can now measure for the front and back ends, cut those pieces, and attach them. If you leave the back end longer this could become your stop, but you can also add the stop by gluing it on after the jig is assembled. I added a handle to my jig (Figure 10).

Now that your jig is assembled you can prepare all the laminate strips.



FIGURE 9. Align the parts carefully and nail or screw them together.

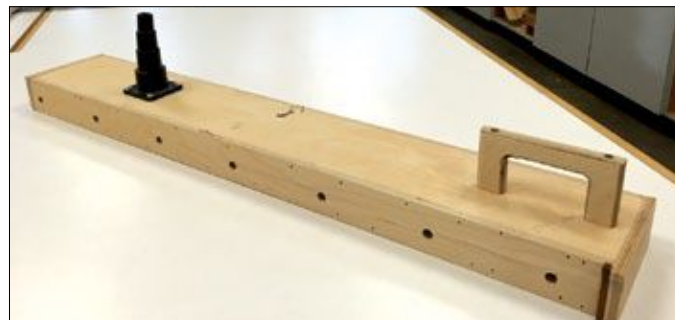


FIGURE 10. The jig assembled, ready to use. The wide end is at the leading edge, the narrow end with the stop will support the thicker part of the laminate strip. Note the suction holes on the side.

PREPARING YOUR LAMINATES

Rip the laminate strips $\frac{1}{64}$ "- $\frac{1}{32}$ " over the final desired thickest dimension. It's also important that the laminates be reassembled in order, when you glue the part for a consistent appearance, so be sure to mark your boards before you begin ripping. Here is the method Todd uses (Figure 11).



FIGURE 11. Mark your wood clearly, so that you can return the laminates to the correct order after each process.

For the initial ripping, a thin kerf blade can make the process a little easier and reduce the amount of wood lost to the saw kerf. Whichever blade you choose to use, be sure it is sharp and clean. You want to be able to use the strips right off the table saw. One side will be cut again in the tapering process, but the other side won't. Also be sure to have plenty of extra strips for testing, dialing in your taper jig setting, and clamping cauls.

Finally let's taper. Your shop vacuum must have enough horsepower to hold the laminate strip securely. My shop vac claims 4 peak horsepower. I went on-line to try to figure out what that meant and fell asleep reading about volts and amps, etc. The only way to know is to test your vacuum and make sure it holds the strip securely. If the pull is so great that it distorts your jig, you will have to reduce the air flow. You want to be able to remove the strip without having to turn off the vacuum after every rip. The on/off action might be harder on the machine than running it continuously for a period of time.

The vacuum hose has to be long and flexible enough to allow you to push the jig through the saw to the outfeed table and then back to you, but not so long that it gets near the blade. If your hose isn't long enough, you can get a universal hose kit with a 10' hose. The Rigid kit (right) included lots of connectors.

Mark across your stack of laminate strips at the trailing end—the end that will be the thickest after the taper—and flip every other strip. This will help to correct any error in the squareness of your jig (Figures 12 & 13).

Use a zero clearance throat plate, so the narrow offcut doesn't get lodged between the blade and throat plate opening. Set the fence so that the width of the cut is the width of the jig, plus the thickness of the laminate at the trailing end—this is the narrow end of the jig, but the fat end of the laminate. With the vac on, lay one of



FIGURES 12 & 13. Flipping every other laminate during the tapering process will compensate for any inaccuracy in the jig's squareness.

your test pieces flat next to the jig at the stop and flip it up. Be sure, it is square to the table and against the stop (Figure 14). Run your test strip. Check your thicknesses with the calipers. Mark the spot where the thin taper matches your target. Your goal is for the thin dimension to be accurate back about 4" from the end, if you added 8" to your overall length (Figure 15). You want it to be close to your target thickness at the thick end.

Nudge the fence over slightly and run a new strip—never recut a strip, it won't be as accurate as you need it to be. Repeat the procedure until you have the correct readings. Now, you can cut all the laminate strips. It really helps to have a partner to remove and stack the strips!

With all your laminates in hand, you are ready for the bending form. Be careful around the curves!



FIGURE 14. With the vacuum running, adhere the strip to the tapering jig. Be sure it is flush to the table and against the back stop.

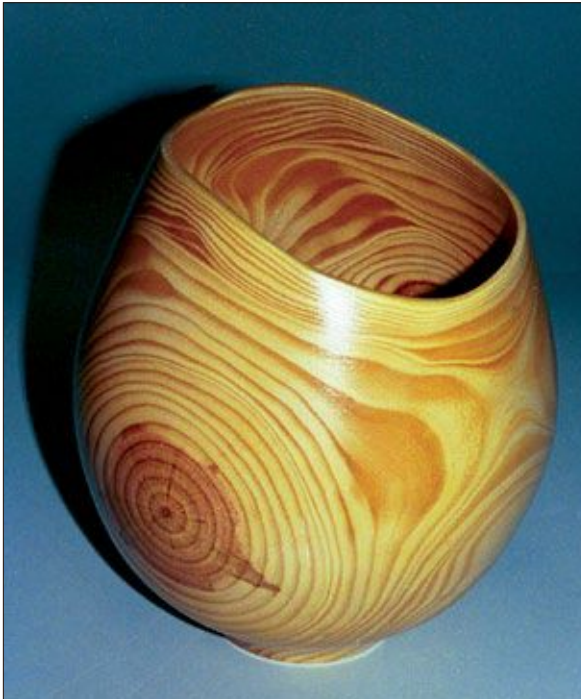


FIGURE 15. Measure the thickness at the tapered end with the calipers. It should measure your target thickness at the point where your part will actually end after gluing and trimming.

Turning Topics

Turning Green Wood: Benefits of the Urban Forest

by Howard Lewin



Double Bulls Eye
Pine Bowl
(14" h, 12" dia)

Howard Lewin is a woodturner, cabinetmaker, and furnituremaker in Hawthorne, CA. He was an early promoter of woodturning in Southern California. He began teaching woodturning at his Custom Wood Design studio in the mid-1980s, and he hosted a variety of the world's master turners for demonstrations and workshops.

He co-founded the *Southern California Woodworking Conference*, which was one of the earliest symposium formats (1987-1990), featuring all aspects of woodworking and woodturning. He also wrote articles for *Fine Woodworking*, *American Woodworker*, and *WoodWork*.

Howard was an early innovator in woodturning tooling. His *Lewin Lathe* was among the first short bed lathe for bowl turning. As a former engineer, he developed a number of woodturning accessories and collaborated with **Jerry Glaser** in the development of some of the Glaser turning tools.

Though retired, Howard is still a source of woodturning knowledge. This series of articles addresses his favorite type of turning: Green Wood. These articles are adapted from his writings in 2000.

The lure of turning green wood has been the cause of a great deal of frustration for both novice and advanced wood turners. The potential rewards and possibilities are seemingly endless, and the appeal is so strong that it is tried and tried, yet often met with failure. The bowls frequently crack.

This series of articles addresses how to turn green wood successfully. There are a few techniques that must be mastered, and a couple of tricks that need to be employed before the success rate makes it fun and worthwhile. These tricks and techniques do not require the use of special chemicals or preservatives, only a few good gouges, common sense, and perseverance. Hocus pocus is also not required, although incantations to the other side might add to the mystery of your success. In this first installment, I explore the reasons why turning green wood is so appealing.

First is that the **selection of woods available is unlimited**. Wherever you live, a variety of species surround you. Many of these species are not available as lumber at any price, but green logs are free for the asking to turners who keep their eyes and ears open. I live in Los Angeles. Whatever grows here, for the most part, came from somewhere else. I can select from varieties that are indigenous to California and from those that originated in the East, as well as those that have come from all over the world.

My eastern colleagues are constantly teasing me, telling me that finding turning stock must be difficult because LA does not have any forests. I just smile, because I happen to live in the most diversified forest in the world: Camphor wood from China; Cork Oak from Portugal; Carob, originally from the Middle East and known for its seeds as a chocolate substitute; Siberian Elm from Siberia; as well as all of the Pines, Magnolias, Sycamores, Oaks, Ashes, Maples, fruit trees, and on and on and on. It all grows here!

The **Second** lure to turning green wood is that **the size of the bowl is not limited** to what is available in the lumber yard. Just for fun, go to your local lumber yard and ask a salesman for a Walnut bowl blank 12"x12"x12". Notice the perplexed look on his face? Obtaining large blanks from green wood sources is only dependent on the size of the tree cut down. I, personally, prefer logs with diameters of 16"-20". Why? Anything larger becomes a logistical nightmare. You simply cannot lift them. A green log 16" in

diameter and only 24" long can weigh over 150 lbs.

The **Third** reason for turning green wood is that it is **easier**. Wet wood is softer, therefore making the cutting easier and faster, and because it is wet, it keeps the tool cooler, allowing it to stay sharp for a longer period of time. Cutting wet produces less dust, creating larger shavings that are easier to clean up. Sanding is easier, since most of the dust does not stay airborne as long. It can be wet sanded, which creates no dust at all. Wet wood is much easier to cut with chainsaws and bandsaws. This also creates less dust. Turning end grain pieces becomes possible, if not downright easy compared to dried wood. And producing long streams of shavings can be very entertaining for observers.

The **Fourth** motive for turning wet wood is that it allows **total freedom as to what shape to turn**. Because the wood is flexible and easily cut, bowls and vessel forms can be shaped with very thin walls. Turning end grain vessel shapes not only becomes doable, but easy. These forms are very difficult with dry wood.

My favorite shapes are natural edged bowls that include the bark with double bull's eyes on the sides. In other words, the pith/heartwood is on the sides of the bowl.

Let me define what I mean by the pith/heartwood.

The absolute center of the tree is called the pith.

It is surrounded by about 1"-2" of denser heartwood, and this area is generally the culprit that causes bowls to crack and split. Since heartwood surrounding the pith is denser and usually darker in color, this adds a unique design character to the bowl. Additionally, the shrinkage of the heartwood surrounding the pith, as the wood dries, sometimes causes the growth rings to bulge out. I have been asked many times how I paint the growth rings onto the sides of the bowl. The growth ring configuration of Pine is especially beautiful (as shown left).

The **Fifth** argument in favor of turning green wood and the one that adds a certain mystery to the process—some of that Hocus Pocus mentioned earlier—is just this: **the final shape is largely undetermined**.

Most of what I turn includes the pith/heartwood, so what follows applies to turning bowl blanks with the pith/heartwood included. Once the piece has been turned, sanded, and set aside to dry, wondrous changes take place. This is usually a surprise. Movement

during the drying process—when the pith/heartwood is included—is generally undetermined, unpredictable, and uncontrolled.

This creates a mystical and natural quality. The bowl, itself, will determine its final

shape. Most of the time, a bowl elongates, but sometimes it will really change dramatically. I have had bowls almost close, and others twist as severely as any pretzel, all without cracking.

This movement is generally true of bowls that have been turned from face grain, which has pith/heartwood included (i.e., the grain is perpendicular to the bed of the lathe). End grain turnings, wood parallel to the bed of the lathe, are generally very stable and do not move much at all, especially if the pith/heartwood is removed. I have had good success turning end grain with the pith/heartwood right down the middle of the form.

Sixth and most important—Did I say FREE! **Green wood is generally free**. Owners of downed trees usually just want them removed, and tree trimmers are often willing to give logs away, rather than have to pay to dump their loads. I used to allow tree trimmers to dump their loads free at my studio. Now maybe a whole truckload is a bit much, but you get the idea. Just call a tree trimmer in your area and find out when and where he will be cutting his next tree. He will usually be happy to give you all that you can haul away, because the bottom line is that he does not want to pay to dump it. Try to get the logs cut a little longer than the diameter, at least 6" longer. This gives you a safety net in case the logs start to check.

For the novice, you have free material to practice your skills. The more advanced turner can experiment without the burden of guilt of wasting money. And the professional can sell their work at a more reasonable price. Since the price of all work sold in galleries is doubled over the wholesale cost, anything you pay for the wood is also doubled. If you pay \$40 for a nice piece of wood, it is now an \$80 piece of wood, and you have not even mounted it on the lathe! Cost of the wood can truly have a negative affect on the salability and marketability.

In my next article, I will address wood preparation.



This Sycamore Bowl (16" x 12") was round off



The Pith/Heartwood and layout for 4 natural edge bowls.

Education: NW Woodworking Studio



Jim Turner
(Boring, OR)

Sideboard

Oregon White Oak, Wenge
(31" h, 48" w, 17" d)

Patrick McGlade (Spokane, WA)
Georgian Surprise
Sapele, Curly Maple
(9" h, 18 1/2" w, 9 1/2" d)

Ryan Mills (Vancouver, WA)

Hall Table

Walnut, Sapele, brass
(36" h, 72" w, 14" d)



The Northwest Woodworking Studio (NWS) in Portland, OR celebrated its latest class of *Mastery Students*, during a showcase in last Fall.

Under the tutelage of studio director, furniture-maker, teacher, and author **Gary Rogowski**, NWS offers three advanced-level *Mastery Programs*.

The 2-year *Mastery Program* teaches students tradition-based furniture making techniques, in concert with helping students develop their own unique design styles and aesthetics. The program offers intensive study in fine furniture making, designed for self-directed motivated students. During the course of study, students build nine pieces, culminating in their final *Signature Piece*.

For those not residing in the Portland area, NWS offers a *Distance Mastery Program*, in which students work on techniques and projects in their home shops and meet at NWS on a quarterly basis. There is also a *Resident Mastery Program*, which provides intensive instruction in the Studio, over a 9-month period.

For info, visit the web site: www.NorthwestWoodworking.com or call (503) 284-1644.



John Merrill
(Ashland, OR)

Desk

Sweet Cherry, Ash
(34" h, 46" w, 26" d)

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1012 N.W. Grand Ave. Phoenix, AZ (602) 243-1179

May 9 Lap Steel Construction—4 sessions
May 18-22 Metallic & Patina Finish

ROCKLER WOODWORKING & HARDWARE

4626 E. Thunderbird Rd., Phoenix, AZ (602) 996-3488

Mar. 7 Steam Bending (Dave Fleming)
Mar. 7 Freud Rail & Stile Router Bits
Mar. 8 Building Shutters (Pat Jones)
Mar. 11 Making a Frame & Panel Door (Fleming)
Mar. 14 Intro to the Router (John Weeks)
Mar. 14 Rockler Rail Coping Jig
Mar. 15 Turning a Stacked Bowl (Dave Duca)
Mar. 16 Intro to Pen Turning (Duca)
Mar. 18 Intro to Bowl Turning (Weeks)
Mar. 21 Tuning Up & Using Hand Planes (Fleming)
Mar. 21 Rockler European Hinge Jig
Mar. 22 Turning an Acrylic Pen (Ed Pabst)
Mar. 25 Basic Millwork: Cutting Board (Fleming)
Mar. 28 Using SketchUp for Furniture Design (Jesper Other)
Mar. 28 Rockler IXL Box Joint Jig
Mar. 30 Intro to Turning (Duca)
Apr. 1 Router Joinery: Building a Box (Weeks)
Apr. 4 Intro to Marquetry (Fleming)
Apr. 4 SawStop & Micro Jig Demo
Apr. 5 Making a Band Saw Box (Frank Brady)
Apr. 8 Turning an Inlay Pen (Duca)
Apr. 11 Intro to Turning (Weeks)
Apr. 11 Soy Gel Paint Stripper
Apr. 15 Sharpening Techniques for Turning Tools (Duca)
Apr. 18 Making a Roubo Book Stand (Fleming)
Apr. 18 Rockler T-Track Table with New Accessories
Apr. 19 Turning a Plate (Duca)
Apr. 22 Turning a Lidded Box (Duca)
Apr. 25 CNC Shark Basics (Kevin Klein)
Apr. 25 Pen Turning
Apr. 26 Machine Made Dovetail Joints (Weeks)

SOUTHWEST CENTER FOR CRAFTSMANSHIP

4011 S. 16th St., Phoenix, AZ (480) 734-0274

Mar. 2-5 Finishing Basics
Mar. 7-11 Joinery (Frank Klausz)
Mar. 14 Build a Classic Workbench—11 sessions
Mar. 30 Build a Classic Rocking Chair—15 sessions
Apr. 25-30 Curved Door Wall Cabinet (Paul Schürch)
May 4 Intro to Inlay—5 sessions
May 16-20 Jigs and Fixtures (Michael Fortune)

TECHSHOP

249 E. Chicago St., Chandler, AZ (480) 327-0820

Call for Classes

WOODCRAFT — Phoenix

3002 N. Arizona Blvd., Ste. 12, Chandler, AZ (480) 539-9663

Mar. 3-5 Gaming Table (Gary McCaslin)
Mar. 6 Router Basics (Kurt Weber)
Mar. 7 Fun with Basics (Tim Wadley)
Mar. 7 Basic Bowl Turning (Wadley)

Mar. 10-12 Build Your Own Router Table (McCaslin)
Mar. 13 Caricature Carving 101 (Janet Bolyard)
Mar. 14 Basic Pen Making (Sam Moore)
Mar. 14 Advanced Pen Making: Acrylics (Moore)
Mar. 17 Intro to Large Shop Equipment (McCaslin)
Mar. 17 Chip Carving 101 (Bolyard)
Mar. 18 Basic Cabinet Making I: Cabinet Construction (McCaslin)
Mar. 24 Square Edge Bowl (Wadley)
Mar. 24 Sharpening: Wood Turning Tools (Wadley)
Mar. 25 Lidded Bowl (Wadley)
Mar. 25 Natural Edge Bowl Turning (Wadley)
Mar. 26 Turn a Custom Pepper Mill (Moore)
Mar. 27 Router Jig: Hand-Cut Dovetails (McCaslin)
Mar. 27 Welcome to Woodworking: A Basic Course (Weber)
Mar. 28 Carving 101 (Bolyard)
Mar. 31 Table Saw Raised Panel Doors (McCaslin)
Mar. 31 Router Table Raised Panel Doors (McCaslin)
Apr. 1 The Skew Chisel (Wadley)
Apr. 1 Sharpening: Wood Turning Tools (Wadley)
Apr. 2 Turn a Custom Pepper Mill (Moore)
Apr. 3 Basic Woods: All about Wood (Weber)
Apr. 3 Finishing: From Basics to Best (Weber)
Apr. 4 Fun with the Lathe: Basic Lathe Techniques (Wadley)
Apr. 4 Basic Bowl Turning (Wadley)
Apr. 7 Book Case (McCaslin)
Apr. 8 Turning Boxes (Wadley)
Apr. 8 Square Edge Bow (Wadley)
Apr. 9 Turned Bottle Stoppers (Moore)
Apr. 9 Scroll Saw Magic: From Basic to Brilliant (Bolyard)
Apr. 10 Tool Cabinet (McCaslin)
Apr. 11 Basic Pen Making (Moore)
Apr. 11 Advanced Pen Making: Acrylics (Moore)
Apr. 14-15 Table Top Dressing Mirror (McCaslin)
Apr. 16 Chip Carving 101 (Bolyard)
Apr. 17 Hand Plane Workshop (McCaslin)
Apr. 17 Welcome to Woodworking: A Basic Course (Weber)
Apr. 18 Carving 101 (Bolyard)
Apr. 21-23 Mobile Kitchen Island (McCaslin)
Apr. 24 Turning Lidded Bowls (Wadley)
Apr. 24 Turn a Spindle Ornament (Wadley)
Apr. 25 Intro to Power Carving (Bolyard)
Apr. 28-29 Tall Dressing Mirror (McCaslin)
Apr. 30 Intro to Large Shop Equipment (McCaslin)
Apr. 30 Pyrography 101 (Bolyard)

WOODCRAFT — Tucson

6230 N. Oracle Rd., Ste. H-100, Tucson, AZ (520) 742-9663

Mar. 1 Intro to Woodburning (Lynn East-Itkin)
Mar. 4 Pen Turning (Michael Phillips)
Mar. 5 Router Table Basics (Mark Frost)
Mar. 7 Intro to the Lathe: Spindle Turning (Chris Vemich)
Mar. 7 Glues in the Workshop Demo
Mar. 8 Basic Furniture Repair (Cindy Haas)
Mar. 11 Beginning Intarsia (Dan Eklund)
Mar. 21 Lathe Tool Sharpening (Vemich)
Mar. 14 Intermediate Bowl Turning (Jim Beaman)
Mar. 15 Scroll Saw Project (Stan Ries)
Mar. 18 Turn a Pepper Mill (Phillips)
Mar. 18 Hand Plane Tune-Up (Bridger Berdel)
Mar. 19 Make a Segmented Bowl—5 sessions (Don Jovag)
Mar. 25 Beginning Carving (Bob Sorensen)
Mar. 26 Intro to SketchUp Design Software (Rick Castellini)
Mar. 28 AccuRight Log Mill Demo
Apr. 1 Pen Turning (Phillips)
Apr. 2 Band Saw Basics (Frost)
Apr. 4 Intro to the Lathe: Spindle Turning (Vemich)
Apr. 4 How to Choose a Saw Blade
Apr. 8 Beginning Intarsia (Eklund)
Apr. 12 Herringbone Patterned Chair Seat Weaving (Haas)
Apr. 15 Hand Sharpening Your Tools (Berdel)
Apr. 16 Turning Rough Lumber into Project-Ready Stock (Frost)
Apr. 18 Turn a Lidded Box (Beaman)
Apr. 19 Scroll Saw Basics (Ries)
Apr. 22 Acrylic Pen Turning (Phillips)
Apr. 23 Intro to SketchUp Design Software (Castellini)
Apr. 25-26 Make an 18th Century English Layout Square (Luke Addington)
Apr. 25 AccuRight Circle Cutting Jig Demo
Apr. 29 Beginning Carving (Sorensen)
Apr. 30 Woodturning Segmented Bangles—3 sessions (Jovag)

WORKSHOPS • DEMOS • CLASSES

WOODWORKERS' SOURCE

645 W. Elliot Rd., Tempe, AZ (480) 355-5090
17641 N. Black Canyon Hwy, Phoenix, AZ (602) 504-1931
3441 S. Palo Verde, Tucson, AZ (520) 745-8301

Mar. 6	Great Techniques for HVLP Spray Finish (Tempe)
Mar. 13	Great Techniques for HVLP Spray Finish (Phoenix)
Mar. 20	Great Techniques for HVLP Spray Finish (Tucson)
Apr. 3	Tricks & Tips for Better Bandsaw Results (Tempe)
Apr. 10	Tricks & Tips for Better Bandsaw Results (Phoenix)
Apr. 17	Tricks & Tips for Better Bandsaw Results (Tucson)
May 1	Tablesaw Techniques, Safety & Essential Jigs (Tempe)
May 8	Tablesaw Techniques, Safety & Essential Jigs (Phoenix)
May 15	Tablesaw Techniques, Safety & Essential Jigs (Tucson)

ARKANSAS

ARKANSAS ART CENTER

501 E. 9th St., Little Rock, AR (501) 372-4000

Mar. 13-15	Advanced Cutting Boards
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ARKANSAS CRAFT SCHOOL

110 E. Main St., Mountain View, AR (870) 269-8397

Apr. 3-5	Basic Woodturning & Safety 101 (Thomas Dunn)
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NORTHERN CALIFORNIA

ARQUES BOAT BUILDING

Sausalito, CA (415) 331-7134

Tues.	Traditional Boat Design
Sat.	Fundamentals of Woodworking

CABRILLO COLLEGE

Aptos, CA (831) 479-6331

Apr. 12	Wood Carving with Rotary Carving Tools—2 sessions (Ron Cooks)
Apr. 26	Advanced Box Construction—2 sessions (Timothy Lydgate)

CRUCIBLE

1260 7th St., Oakland, CA (510) 444-0919

Mar. 14-15	Woodturning I
Mar. 14-15	Woodturning II
Apr. 6-10	Youth Woodcarving & Sculpture

DAVID J. MARKS WOODWORKING

Santa Rosa, CA (707) 526-2763

Call for Classes

ESSICK WOODWORKING SCHOOL

Grass Valley, CA (530) 264-6062

Mar. 14-15	Sawdust 101
Mar. 16-20	Woodworking Projects
Mar. 28	Chair Class
Apr. 13-17	Woodworking Projects
Apr. 25-26	Sawdust 101
May 9	Chair Class
May 18-22	Woodworking Projects

JERRY KERMODE WOODTURNING SCHOOL

Sebastopol, CA (707) 824-9893

May 16-17	Beginning Woodturning (Jerry Kermode)
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LAYERS OF COLOR

201 Walnut St., Roseville, CA (916) 791-5340

Mar. 14	Fabulous Furniture Finishes
Apr. 14	Intro to Cabinet Finishing—2 sessions

MASTERPIECE SCHOOL OF FURNITURE

425 5th St., Marysville, CA (530) 329-2478

Mar. 16	Professional Series: Furniture Making—12 weeks (James Bowie)
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MENDOCINO ART CENTER

Mar. 13-15	Beginning Wood Carving (Paul Reiber)
Apr. 24-26	Personal Knife Making (Chris Shook)
May 1-3	Beautiful Knife Handles & Leather Sheaths (Erwin Ludwig)

MT. DIABLO ADULT EDUCATION

1 Santa Barbara Rd., Pleasant Hill, CA (925) 937-1530 x3990

Mar. 2	Advanced Bowl Turning (Jacques Blumer)
Mar. 12	Techniques for Surface Embellishment—3 sessions (Blumer)
Apr. 13	Box Making—10 sessions (Jeff Traeger)
Apr. 14	Putting Color into Your Turnings—2 sessions (Bob Nolan)
Apr. 14	Intro to Woodworking: Part II—11 sessions (Dave Greenhill)
Apr. 14	Woodturning 101: Intro to Turning—10 sessions (Jim Rodgers)
Apr. 14	Master Series Projects—10 sessions (Brian Condon/Traeger)
Apr. 15	Turning Hollow Vessels—7 sessions (John Cobb)

Apr. 15	Carving Water Fowl & Wildlife—11 sessions (Robert Budesilich)
Apr. 15	Woodcarving: Beginner thru Advanced—11 sessions (Budesilich)
Apr. 15	Wood Projects for Home & Yard—11 sessions
Apr. 16	Woodturning 201: Intro to Turning—8 sessions (Nolan)
Apr. 16	Wood Projects for Home & Yard—11 sessions (Gordon Fry)
Apr. 16	Intro to Woodworking: Part I—11 sessions (Greenhill)
Apr. 17	Building Classic Furniture—11 sessions (Tim Killen)
Apr. 17	Woodworking Independent Project Open Shop—11 sessions
Apr. 27	Woodworking: Hand Tools—8 sessions (Lipscomb)
May 6	Router Fundamentals—8 sessions (Steffinger)

RANDALL MUSEUM

199 Museum Way, San Francisco, CA (415) 554-9600

Mar. 16, 17, 18	Woodworking Safety Orientation
Mar. 21, 25	Woodworking Open Shop
Mar. 22, 23, 26	Zen & Sawdust: Shaker Table—10 sessions
Mar. 24	Joinery Basics—10 sessions
Mar. 29	Hand Tool Woodworking—9 sessions

ROCKLER WOODWORKING & HARDWARE

541 Contra Costa Blvd., Pleasant Hill, CA (925) 521-1800

Mar. 7	Freud Rail & Stile Router Bits
Mar. 14	Rockler Rail Coping Jig
Mar. 21	Rockler European Hinge Jig
Mar. 28	Rockler IXL Box Joint Jig
Apr. 4	SawStop & Micro Jig Demo
Apr. 11	Soy Gel Paint Stripper
Apr. 18	Rockler T-Track Table with New Accessories
Apr. 25	Pen Turning

SAN FRANCISCO WOODSHOP

3450 Third St., #5E, San Francisco, CA (415) 824-6161

On-Going Woodworking Classes

TECHSHOP

120 Independence Dr., Menlo Park, CA (650) 521-9027

926 Howard St., San Francisco, CA (415) 263-9161

300 South 2nd St., San Jose, CA (408) 916-4144

Call for Classes

THE SAWDUST SHOP

320 Martin Ave., #B, Santa Clara, CA (408) 992-1004

Mar. 7-8	Fundamentals of Woodworking: Wall Cabinet
Mar. 14	Basic Joinery 2
Mar. 15	Wood Carving for Beginners
Apr. 4-5	Fundamentals of Woodworking: Wall Cabinet
Apr. 7	Fundamentals of Woodworking: Wall Cabinet
Apr. 11	Basic Joinery 1
Apr. 19	Wood Carving for Beginners
Apr. 21	Basic Joinery 3: Box Joints
May 9	Basic Joinery 2
May 17	Wood Carving for Beginners

WOODCRAFT — Sacramento

9545 Folsom Blvd., Sacramento, CA (916) 362-9664

Mar. 1	Turn an Acrylic Navigator Pen (Mike Murphy)
Mar. 7-8	Segmented Turning Techniques (Don Womack)
Mar. 12	Dovetail Jig Basics (Jeremy Nuttall)
Mar. 15	Carve a Shelf Elf (Jim Hanson)
Mar. 19	Sharpening Carving Tools (Adam Panto)
Mar. 21	Cabinetry I: Building a Carcass & Face Frame (Nuttall)
Mar. 22	Intro to Pen Turning: The American Slim (Murphy)
Mar. 26	How to Use Planers & Jointers (Nuttall)
Mar. 28	Inlay Techniques (Panto)
Mar. 29	More Bandsaw Boxes (Panto)
Apr. 2	Intro to Power Carving (Panto)
Apr. 4	Sign Carving (Panto)
Apr. 9	Resawing on the Band Saw (Panto)
Apr. 16	Turn a Wall Street II Pen (Murphy)
Apr. 18	Intro to Turning Wood: Bowl & Mallet (Nuttall)
Apr. 19	Carving a Cowboy Head (Hanson)
Apr. 23	Get the Most Out of Your Tablesaw (Nuttall)
Apr. 25	Cabinetry II: Building Stile & Rail Doors (Nuttall)
Apr. 26	Mike's Pen Turning Workshop (Murphy)

WOODCRAFT — SF Bay Area South

40 El Camino Real, San Carlos, CA (650) 631-WOOD

Mar. 2	Custom Cutlery (Tom Smith)
Mar. 7	Intro to Turning, Sharpening & Safety (George Chisholm)
Mar. 14	Basic Cabinet Construction (Larry Margules)
Mar. 14-15	Turning 101 (Chisholm)
Mar. 16	Turning a Pepper Mill (Smith)
Mar. 18	Shop Safety as a Habit (Claude Godcharles)

WORKSHOPS • DEMOS • CLASSES

Mar. 21 Intro to Woodworking (Godcharles)
 Mar. 28 Router 101: Router Basics (Godcharles)
 Mar. 28 Let's Make a Ringed Goblet (Chisholm)
 Apr. 4 Intro to Turning, Sharpening & Safety (Chisholm)
 Apr. 11-12 Turning 101 (Chisholm)
 Apr. 13 Decorative Knobs & Pulls (Smith)
 Apr. 15 Shop Safety as a Habit (Godcharles)
 Apr. 18 Intro to Woodworking (Godcharles)
 Apr. 25 Let's Make a Lidded Bowl (Chisholm)
 Apr. 27 Intro to Pyrography (Smith)

SOUTHERN CALIFORNIA

AMERICAN SCHOOL OF FRENCH MARQUETRY

3815 Utah St., San Diego, CA (619) 298-0864

Call for Classes

CERRITOS COLLEGE

11110 Alondra Blvd., Norwalk, CA (562) 467-5050

Mar. 28 Woodworking for Contemporary Spaces—8 sessions

COMMUNITY WOODSHOP LA

2558 N. San Fernando Rd., Los Angeles, CA (626) 755-4202

Mar. 3 Hand Tools
 Mar. 4, 5, 6 Safety Orientation
 Mar. 5 Decorative Boxes
 Mar. 6 Metal & Wood Combo: Modern End Table
 Mar. 8 Intro to Woodturning
 Mar. 9 Simple Side Chair
 Mar. 11 Intro to Joinery
 Mar. 14 Fundamentals of Cabinetry
 Mar. 15 Bench/Coffee Table
 Mar. 15 Bud Vases
 Mar. 17 Hands Tools
 Mar. 26 Metal & Wood Combo: Barstool

OFF THE SAW

407 E. Pico Blvd, Ste. 1006, Los Angeles, CA (310) 429-5611

Mar. 14 Intro to Woodworking (Laura Zahn)
 Apr. 25 Rush Weaving (David Johnson)

ROCKLER WOODWORKING — Ontario

4320 E. Mills Circle Rd., Ste. G, Ontario, CA (909) 481-9896

Mar. 7 Kreg K5 Master System
 Mar. 7 Freud Rail & Stile Router Bits
 Mar. 14 How to Make a Raised Panel Door
 Mar. 14 Intro to Turning Spindles
 Mar. 14 Rockler Rail Coping Jig
 Mar. 21 Installing Doors with European Hinges
 Mar. 21 Rockler European Hinge Jig
 Mar. 28 Rockler Router Table Spline Jig
 Mar. 28 Rockler XL Box Joint Jig
 Apr. 4 Make Your Own Handmade Skateboard
 Apr. 4 SawStop & Micro Jig Demo
 Apr. 11 Finishing Basics
 Apr. 11 Soy Gel Paint Stripper
 Apr. 18 Piranha CNC
 Apr. 18 Rockler T-Track Table with New Accessories
 Apr. 25 Rockler Shutter Jig
 Apr. 25 Pen Turning
 Apr. 25 Intro to Turning: Spindles

ROCKLER WOODWORKING — Orange

1955 Tustin St., Orange, CA (714) 282-1157

Mar. 7, 14 Basic Safety Orientation (Guy Willacker)
 Mar. 7 Intro to the Router Table (Willacker)
 Mar. 7 Eureka Zone
 Mar. 7 Freud Rail & Stile Router Bits
 Mar. 9 Intro to Hand Routers—2 sessions (Willacker)
 Mar. 14 Finishing Basics (Jim Bonk)
 Mar. 14 Finishing Touch: HVL Spray
 Mar. 14 Rockler Rail Coping Jig
 Mar. 21 Turning Wooden Pens (Eduardo Baharona Diaz)
 Mar. 21 Rockler Dovetail Jig & Glue Paddles
 Mar. 21 Rockler European Hinge Jig
 Mar. 27 Finishing Wooden & Acrylic Pens (Diaz)
 Mar. 28 Rockler Spline Jig
 Mar. 28 Rockler XL Box Joint Jig
 Apr. 4, 11 Basic Safety Orientation (Willacker)
 Apr. 4 Router Dovetail Machines (Willacker)
 Apr. 4 Tormek T-7 Sharpening System

Apr. 4 SawStop & Micro Jig Demo
 Apr. 4 CNC Shark
 Apr. 11 Intermediate Bowl Turning (Don Scott)
 Apr. 11 Soy Gel Paint Stripper
 Apr. 14 Spindle Turning (Scott)
 Apr. 18 Intermediate Scroll Sawing (Chuck Collins)
 Apr. 18 Eureka Zone
 Apr. 18 Rockler T-Track Table with New Accessories
 Apr. 25 Turning a Bottle Opener
 Apr. 25 Pen Turning
 Apr. 25 Intro to the Bandsaw (Scott)

ROCKLER WOODWORKING — Pasadena

83 S. Rosemead Blvd., Pasadena, CA (626) 356-9663

Mar. 7 Sharpening (David Tilson)
 Mar. 7 Freud Rail & Stile Router Bits
 Mar. 14 Rockler Rail Coping Jig
 Mar. 21 Rockler European Hinge Jig
 Mar. 28 Rockler IXL Box Joint Jig
 Apr. 4-5 Hand Tools II: Dovetails (Tilson)
 Apr. 4 SawStop & Micro Jig Demo
 Apr. 11 Router Basics (Don Chafey)
 Apr. 11 Soy Gel Paint Stripper
 Apr. 18 Rockler T-Track Table with New Accessories
 Apr. 25 Pen Turning

ROCKLER WOODWORKING — San Diego

8199 Clairemont Mesa Blvd., San Diego, CA (858) 268-1005

Mar. 7 Freud Rail & Stile Router Bits
 Mar. 14 Rockler Rail Coping Jig
 Mar. 21 Rockler European Hinge Jig
 Mar. 28 Rockler IXL Box Joint Jig
 Apr. 4 SawStop & Micro Jig Demo
 Apr. 11 Soy Gel Paint Stripper
 Apr. 18 Rockler T-Track Table with New Accessories
 Apr. 25 Pen Turning

ROCKLER WOODWORKING — Torrance

20725 Hawthorne Blvd., Torrance, CA (310) 542-1466

Mar. 7 Freud Rail & Stile Router Bits
 Mar. 14 Rockler Rail Coping Jig
 Mar. 21 Rockler European Hinge Jig
 Mar. 28 Rockler IXL Box Joint Jig
 Apr. 4 SawStop & Micro Jig Demo
 Apr. 11 Soy Gel Paint Stripper
 Apr. 18 Rockler T-Track Table with New Accessories
 Apr. 25 Pen Turning

RUSS FILBECK CHAIRMAKER

San Diego, CA (858) 566-9699

Mar. 9-13 Chair Making: 2-Slat Ladder Back (Russ Filbeck)
 Apr. 6-10 Chair Making: 2-Slat Ladder Back (Filbeck)
 May 4-8 Chair Making: 2-Slat Ladder Back (Filbeck)

VOCADEMY

1635 Spruce St., Riverside, CA (951) 266-6630

Call for Woodshop and Industrial Arts classes

WILLIAM NG SCHOOL OF WOODWORKING

1345 N. Dynamic St., Anaheim, CA (714) 993-4215

Mar. 1-7 Maloof-Inspired Rocking Chair (William Ng)
 Mar. 7-14 Shoji Lamp (Taeho Kwon)
 Mar. 16-20 Inlay Techniques in the Greene & Greene Style (Ng)
 Mar. 16-21 Ming Dynasty Table: Construction & Techniques (Yeung Chan)
 Mar. 21-28 Blacker House-Inspired Chair (Ng)
 Mar. 30 Sculpted Table—10 sessions (David A. Wade)
 Apr. 6-10 Boxes, Joinery, & Jigs.....OH MY! (Ng)
 Apr. 9-12 Sculpted Table (Wade)
 Apr. 18-19 Mastering Curves (Jeff Miller)
 Apr. 20-24 Make a Slat-Back Chair (J. Miller)
 Apr. 25-26 Finishing Techniques (Brian Miller)
 Apr. 27 Nakashima-Inspired Chair—10 sessions (Ng)
 May 1-3 Making a Wooden Hand Plane (Ng)
 May 1-3 Woodturning (Jimmy Clewes)
 May 4-8 Fundamentals of Fine Woodworking
 May 4-8 Shaker Chair (Robert Turnbull)
 May 11-17 Building a Low Back Settee (Ng & Wade)

WOODCRAFT — Orange County

10770 Talbert Ave., Fountain Valley, CA (714) 963-9663

Mar. 1 Table Saw Basics (Jim McWilliam)
 Mar. 7 Bandsaw 101 (Fred Wilmott)
 Mar. 7 Scroll Saw Basics (Chuck Collins)

WORKSHOPS • DEMOS • CLASSES

Mar. 8 Intro to Hand-Cut Dovetails (Mike Henderson)
 Mar. 14 Carving Linenfold Fabric (Boris Khechayan)
 Mar. 21 Intermediate Scroll Saw: 3-D Easter Egg (Collins)
 Mar. 22 Basic Lathe Turning Techniques (Harry Williams)
 Mar. 26 Sharpening Chisel/Plane Iron (Bill Blackburn)
 Mar. 28 Basic Router Techniques (Ron Higgins)
 Mar. 29 Pen Turning
 Apr. 1 Pen Turning (Steve Carbajal)
 Apr. 4 Relief Carving: Flower (Henderson)
 Apr. 11 Basic Lathe Turning Techniques (Bill Rogers)
 Apr. 18 Bandsaw 101 (Wilmott)
 Apr. 18 Table Saw Basics (McWilliam)
 Apr. 19 Lathe Turned Bowls (Williams)
 Apr. 25 Cabinet Making Basics (Larry Margules)
 Apr. 30 Sharpening Chisel/Plane Iron (Blackburn)

WOODCRAFT — Ventura

3860 E. Main St., Ventura, CA (805) 658-9663

Mar. 5 Box Joinery Techniques: Dovetail (Chad Ishikawa)
 Mar. 7 Refinishing Fundamentals (Fred Cockrell)
 Mar. 12 Band Saw Basics (Gerry Wilson)
 Mar. 14 Scroll Saw Workshop: In Depth (Dan Gallo)
 Mar. 19 Small Bowl Turning (Ishikawa)
 Mar. 21 Sarge Letter Opener (Matt Lockard)
 Mar. 26 Turning a Bottle Stopper (Wilson)
 Mar. 27-29 Build an Acoustic Guitar (Rich Smith)
 Apr. 2 Box Joinery Techniques: Keyed Miter Joint (Ishikawa)
 Apr. 4 Router Basics (Mark Chandler)
 Apr. 9 Pen Turning: Wall St. II Acrylic (Wilson)
 Apr. 11 Basics of Cabinet Making (Larry Margules)
 Apr. 16 Picture Frame Making (Ishikawa)
 Apr. 17-19 Box Making: Avante Gard 3-Drawer Pedestal (David Blackburn)
 Apr. 23 Wood Burning 101 (Smith)
 Apr. 25 Small Bowl Turning (Ishikawa)
 Apr. 30 Pen & Pencil Turning: Slim Style (Wilson)

COLORADO

O'BRIEN GUITARS

Parker, CO (720) 352-8647

Mar. 2-9 Classical Guitar Building
 Mar. 16-23 Steel Guitar Building
 Apr. 6-13 Classical Guitar Building
 Apr. 20-27 Steel Guitar Building

RED ROCKS COMMUNITY COLLEGE

Lakewood, CO (303) 914-6514

Mar. 2 Elements of Design—6 sessions
 Apr. 10 Hand Plane Restoration—3 sessions

ROCKLER WOODWORKING & HARDWARE

2553 S. Colorado Blvd., Denver, CO (303) 782-0588

Mar. 1 Router Workshop (Rich Johnson)
 Mar. 7 Basic Cabinetmaking III: Drawers (Rich Gady)
 Mar. 7 Freud Rail & Stile Router Bits
 Mar. 8 Take Your Turning to the Next Level (Michael Roper)
 Mar. 14-15 Woodworking 101: Table (Tracy Gray)
 Mar. 14 Rockler Rail Coping Jig
 Mar. 20-21 Relief Carving Workshop (Pat Morrow)
 Mar. 21 Rockler European Hinge Jig
 Mar. 28 Turning 101 (Bruce Perry)
 Mar. 28 Rockler IXL Box Joint Jig
 Mar. 29 Hollow Forms (Perry)
 Apr. 4 SawStop & Micro Jig Demo
 Apr. 11 Soy Gel Paint Stripper
 Apr. 11-12 Woodworking 101: Bookshelf (Gray)
 Apr. 18 Marquetry (Gady)
 Apr. 18 Rockler T-Track Table with New Accessories
 Apr. 19 Take Your Turning to the Next Level (Roper)
 Apr. 25 Small Wood Boxes (Gady)
 Apr. 25 Pen Turning
 Apr. 26 Hands-On Finishing (Johnson)

ROCKY MOUNTAIN SCHOOL OF WOODTURNING

4625 Kiva Dr., Laporte, CO (970) 221-4382

Mar. 3-4 Intermediate Woodturning
 Mar. 17-19 Turning Projects for Craft Sales & Gifts
 Mar. 24-26 Advanced Woodturning

ROCKY MOUNTAIN WORKSHOPS

505 N. Grant Ave., Fort Collins, CO (970) 482-1366

May 29-June 1 Designing with SketchUp (Eli West)

SEARS TROSTEL

1500 Riverside Ave., Fort Collins, CO (970) 482-1928

Mar. 7 Faceframe Shop Cabinet
 Mar. 21 Making Box Joints
 Apr. 4 Chopsticks
 Apr. 25 Basic Pen Turning
 May 9 Finishing
 May 16 Small Box: Vertical Grain

TRENT BOSCH WORKSHOPS

Fort Collins, CO (970) 568-3299

Apr. 7-9 Woodturning
 May 5-8 Woodturning

WOODCRAFT — Colorado Springs

750 Garden of the Gods Rd., Colorado Springs, CO (719) 266-9889

Mar. 5 Custom Knife Scales—2 sessions (George Jungerman)
 Mar. 7 Bowl Turning (Dennis Merrifield)
 Mar. 8 Wood Pen Making Basics (Jungerman)
 Mar. 12 Building a Solid Wood Ukulele—7 sessions (Brian Gaines)
 Mar. 14 Table Saw Safety with the Micro Jig Demo
 Mar. 19 Hand Plane Techniques (Royce Kessler)
 Mar. 26 Instrument Finishing (Kessler)
 Mar. 28 Woodworking I—3 sessions (Brian Hubel)
 Apr. 9 Finishing Basics (Hubel)
 Apr. 11 Turning Tool Basics (Merrifield)
 Apr. 11 Make a Laminated Cutting Board Demo
 Apr. 12 Pen Turning: The Next Step + CA Finishing (Jungerman)
 Apr. 18 Upside Down Salt Shaker (Dennis Liggett)
 Apr. 25 Woodworking II—3 sessions (Hubel)

WOODCRAFT — Denver

6770 S. Peoria St., Centennial, CO (303) 209-0007

Mar. 1 Bandsaw 101 (Chuck Zwerdinger)
 Mar. 3 Basic Cabinet Construction—4 sessions (Zwerdinger)
 Mar. 5 Relief Carving—4 sessions (Charlie Milliser)
 Mar. 7 Dovetails with a Leigh Jig (Joe Wright)
 Mar. 7, 21 Relief Carving Demo (Milliser)
 Mar. 8 Sharpening Turning Tools (Don Edwards)
 Mar. 8 Carving the Human Face—4 sessions (Milliser)
 Mar. 14 Scroll Saw 101 (Zwerdinger)
 Mar. 14 Turn a Pen (Doug Greiner)
 Mar. 14 Table Saw Safety
 Mar. 15 Hand Tools 201: Hand Cut Dovetails (Brendan Whitehead)
 Mar. 21 Turn a Bowl (Greiner)
 Mar. 22 Turn an Acrylic Pen (Greiner)
 Mar. 28-29 Woodworking 101 (Doug Manter)
 Apr. 2 Relief Carving—4 sessions (Milliser)
 Apr. 4 Intro to Woodturning (Greiner)
 Apr. 4, 18 Relief Carving (Milliser)
 Apr. 8 Woodworking 101—4 sessions (Eric Letzler)
 Apr. 11-12 Band Saw Box (Charles Holzheimer)
 Apr. 13 Intro to Routers (Zwerdinger)
 Apr. 18 Woodworking 201: Table—4 sessions (Manter)

WOODCRAFT — Loveland

3718 Draft Horse Dr., Loveland, CO (970) 292-5940

Mar. 7 Raised Panel Doors (Bob Millikan)
 Mar. 12 Woodworking 101—4 sessions (Dee Talmhain)
 Mar. 14 Intro to Turning Wooden Pens (Doug Schneider)
 Mar. 15 Intro to Woodturning: Bowls (Katherine Kowalski)
 Mar. 22 Turning a Garden Dibbler (Robin Talmhain)
 Mar. 23 Basic Carving—6 sessions (Angela Callow)
 Mar. 28-29 Woodworking I: Intro to Furniture (Wayne Lousteau)
 Apr. 4 Turn a Lidded Box with Inlaid Lid (Cindy Drozda)
 Apr. 10 Realistic Carving—6 sessions (Rod Hendrickson)
 Apr. 11 Intro to the Table Saw (Millikan)
 Apr. 12 Turning Bottle Stoppers (Schneider)
 Apr. 16 Finishing: Wood Coloration (Dave Dowding)
 Apr. 18 Woodworking II: Clock—3 sessions (Lousteau)
 Apr. 23 Bandsaw Basics: Tuning & Usage (D. Talmhain)
 Apr. 25 Intro to Woodturning: Bowls (Kowalski)

HAWAII

HANA LIMA'IA

718 Puuhale Rd., Honolulu, HI (808) 847-1541

Apr. 18 Ukulele Making—10 sessions

WWW.FASTDOVETAILS.COM

WORKSHOPS • DEMOS • CLASSES

WOODCRAFT

1311 Kalani St., #1D, Honolulu, HI (808) 841-9876
Call for Classes

IDAHO

WOODCRAFT

6883 W. Overland Rd., Boise, ID (208) 338-1190

- Mar. 2-3 Milk Paint: UpCycling & Creative Combinations (Gary Mee)
- Mar. 2 Carve the Nativity: Balthasar the Wiseman—4 sessions (Williams)
- Mar. 2 Turn a Bolt Action Pen (Steve Merrill)
- Mar. 4 Router 101 (Bob Rudkin)
- Mar. 6-8 Leigh Dovetailed Jewelry Box (Aaron Cornell)
- Mar. 7 Duck Call with New SawDust Bros Mandrel (Tanner Scott)
- Mar. 10, 24 Art of Woodburning (Sharon Becker)
- Mar. 11 Beginning Carving (Eric Owens)
- Mar. 12 Sketchup (Michael Kingsley)
- Mar. 14 Intro to Woodburning (Becker)
- Mar. 14, 28 Hand Tool Coaching (Tim Stewart)
- Mar. 14 Porter Cable Dovetails (Cornell)
- Mar. 18 Lathe Tool Sharpening (Steve Young)
- Mar. 19 Hand Tool Sharpening (Stewart)
- Mar. 21 Bowl Turning (Gary Smith)
- Mar. 21 Rough to Ready
- Mar. 21 Boomerangs (Scott)
- Mar. 25 Toni Twist Pen (Merrill)
- Mar. 25 Tablesaw Techniques & Safety (Rudkin)
- Mar. 26 French Polish (Kingsley)
- Mar. 27-28 Making a Hunting Knife (Jordan Tatom)
- Mar. 31 Scroll Saw 101 (Mee)
- Apr. 4 Intarsia Teddy Bear (Val Isle)
- Apr. 6 Intro to Basic Finishing (Mee)
- Apr. 6 Toni Twist Pen (Merrill)
- Apr. 7, 21 Art of Woodburning (Becker)
- Apr. 8 Router 201 (Rudkin)
- Apr. 9 Woodcarving: Bear Back Scratcher—4 sessions (Williams)
- Apr. 9 Bandsaw Tune-Up
- Apr. 11 Intro to Woodburning (Becker)
- Apr. 11 Hand Tool Coaching (Stewart)
- Apr. 15 Lathe Tool Sharpening (Young)
- Apr. 16 Hand Tool Sharpening (Stewart)
- Apr. 18 Spindle Turning (Smith)
- Apr. 18 Upper Cabinet Construction (Jason Madsen)
- Apr. 22 Turn a Sedona Roller Ball Pen (Merrill)
- Apr. 23 Goblet (Young)
- Apr. 25 Hand Tool Coaching (Stewart)

IOWA

RVP 1975

115 S. Wilson Ave., Jefferson, IA (515) 975-3083

- Mar. 6-8 Beginning Woodworking
- Mar. 27-29 Advanced Woodworking

WOODSMITH STORE

10320 Hickman Rd., Des Moines, IA (515) 254-9494

- Mar. 5 Tablesaw: Beyond the Basics (Randy Maxey)
- Mar. 12 Building Jigs & Fixtures (Phil Huber)
- Mar. 19 Finishing: Tough Stains (Terry Zuck)

KANSAS

WOODCRAFT

8645 Bluejacket Rd., Lenexa, KS (913) 599-2800

- Mar. 1 Pen Turning for Beginners (Chris Teenor)
- Mar. 3 Basic Router Techniques (Mike Cobb)
- Mar. 7 Build a Bookcase (Kevin Newman)
- Mar. 8 Bowl Turning Boot Camp—2 sessions (Anthony Harris)
- Mar. 12 Build a Long Bow—2 sessions (Gary Kepko)
- Mar. 17 How to Make a Perfect Workshop (Cobb)
- Mar. 21-22 Carve a Mountain Man Bust (Dennis Bixby)
- Mar. 21 Four Planes for Every Shop
- Apr. 4 Make a Raised Panel Door (Newman)
- Apr. 4 Pen Turning Made Easy
- Apr. 7 Total Package Finishing—3 sessions (Craig Arnold)
- Apr. 12 Pen Turning for Beginners (Teenor)
- Apr. 15 Intermediate Router Techniques (Cobb)
- Apr. 18 How to Make a Board 4 Square (Cobb)
- Apr. 18 Razor Sharp Tools in Minutes
- Apr. 19 Woodturning 101 (Harris)

- Apr. 26 Build a Springtime Adirondack Chair (Cobb)

MISSOURI

AMERICAN WOODWORKING ACADEMY

1304 W. Lark Industrial, Fenton, MO (636) 343-3750

- Mar. 20-22 Basic Cabinetmaking
- Apr. 1-3 Fundamentals of Woodworking
- Apr. 1, 2 Master Woodworking Program—22 or 44 week program
- Apr. 1, 2 Professional Woodworking Program—21, 28 or 42 week programs
- Apr. 8-10 Basic Cabinetmaking
- May 2-3 CNC Routing Techniques

NEBRASKA

BENCH

1441 N 11th St., Omaha, NE (402) 882-2735

- Mar. 14 Intro to Woodworking
- Apr. 18 Intro to Woodworking

MIDWEST WOODWORKERS

14605 Wright St., Omaha, NE (402) 330-5444

- Mar. 1 Pen Turning 2: Acrylics
- Mar. 2 Finishing
- Mar. 3 Router Basics
- Mar. 5, 7 Beginning Scroll Saw I
- Mar. 6, 8 Advanced Scroll Saw II
- Mar. 10 Tablesaw Basics
- Mar. 12 Carving Figurines I
- Mar. 13 Turning Boxes—2 sessions
- Mar. 15 Chip Carving I
- Mar. 17 Bowl Turning—2 sessions
- Mar. 19 Sharpening
- Mar. 20 Finishing
- Mar. 21 Segmented Turning
- Mar. 22 Architectural Carving
- Mar. 26 Tablesaw Basics
- Mar. 29 Router Basics
- Mar. 31 Jointer/Planer/Bandsaw Basics

NEVADA

COMMUNITY COLLEGE OF SOUTHERN NEVADA

Las Vegas, NV (702) 651-4059

- Mar. 24 Box Making: Advanced Techniques (Jaime Yocono)
- Mar. 26 Basic Woodworking—6 sessions (Yocono)

THE WOODWORKING SOURCE

9744 S. Virginia St., Reno, NV (775) 624-9174

Call for Classes

UNIVERSITY OF NEVADA

Las Vegas, NV (702) 895-3394

- Mar. 23 Woodworking I—6 sessions (Jamie Yocono)
- Mar. 25 Woodworking II—6 sessions (Yocono)
- May 19 Woodworking I—6 sessions (Yocono)
- May 21 Making a Work Bench—6 sessions (Yocono)

WOOD IT IS

North Las Vegas, NV (702) 631-1870

- Mar. 23, 26 Basic Woodworking—6 sessions (Jamie Yocono)
- Mar. 24 Advanced Box Making Techniques—6 sessions (Yocono)
- Mar. 25 Intermediate Woodworking—6 sessions (Jamie Yocono)
- May 19 Basic Woodworking—6 sessions (Yocono)
- May 21 Making a Workbench—6 sessions (Yocono)

WOODTURNING WITH JIMMY CLEWES

Las Vegas, NV (702) 387-2033

- Apr. 8, 22, 27 Woodturning
- May 4 Woodturning

NEW MEXICO

SANTA FE COMMUNITY COLLEGE

6401 Richards Ave., Santa Fe, NM (505) 428-1471

- Mar. 23 Advanced Woodturning—8 sessions (Victor Myers)

OKLAHOMA

MOORE NORMAN TECHNOLOGY CENTER

4701 12th Ave. NW., Norman, OK (405) 217-8229

- Mar. 7 Woodturning: Advanced Lidded Container

WORKSHOPS • DEMOS • CLASSES

May 16 Wood Bending & Other Techniques for Curved Work—4 sessions

WOODCRAFT—Oklahoma City

9301 N. May Ave., Oklahoma City, OK (405) 748-8844

- Mar. 6 Beginning Woodworking: Trivet (Mike Forrest)
- Mar. 7 Turning 101 (Larry Davison)
- Mar. 8 Carve a Hillbilly (Steve Brandt)
- Mar. 11 Hand Cut Dovetails (Jim Mercer)
- Mar. 13 Bowl Turning (Adam Unsell)
- Mar. 25 Build a Raised Panel Door (Aaron Knavel)
- Mar. 28 Beginning Woodworking (Wayne Meiser)
- Apr. 3 Sharpening with Machines & By Hand on Stones (Unsell)
- Apr. 4 Turning 101 (Davison)
- Apr. 12 Carve an Acanthus Leaf (Steve Brandt)
- Apr. 15 Mortise & Tenon by Hand (Mercer)
- Apr. 18 Pen Turning (Knavel)
- Apr. 25 Beginning Woodworking (Meiser)
- Apr. 29 Build a Raised Panel Door (Knavel)

WOODCRAFT—Tulsa

5511 E. 41st St., Tulsa, OK (918) 384-0100

- Mar. 3 Beginning Scroll Saw (Paul Chrismon)
- Mar. 5 Router Fundamentals
- Mar. 7 Turn a Lidded Box (Larry Exendine)
- Mar. 10 Basic Bowl Turning (Exendine)
- Mar. 12 Basic Router Table (Steve Singleterry)
- Mar. 19 Pen Turning (Exendine)
- Mar. 24 Sharpening Your Lathe Tools (Chrismon)
- Mar. 26 Cabinet Doors (Singleterry)
- Mar. 28 Pen Turning (Chrismon)
- Mar. 31 Basic Jig Making: Router Table Jigs (Singleterry)
- Apr. 9 The Bandsaw (Singleterry)
- Apr. 14 Basic Bowl Turning (Chrismon)
- Apr. 16 Pen Turning (Exendine)
- Apr. 21 Pepper Mill (Chrismon)
- Apr. 23 Dovetailing with the PC Jig (Singleterry)
- Apr. 25 Pen Turning (Chrismon)
- Apr. 28 Sharpening Your Lathe Tools (Chrismon)
- Apr. 30 Utilizing Kreg Jigs (Singleterry)

OREGON

ADX

417 S.E. 11th Ave., Portland, OR (503) 915-4342

- Mar. 4, 18 Intro to Wood
- Mar. 23-27 Wood Academy
- Mar. 26 Making a Picture Frame
- Apr. 1, 15, 29 Intro to Wood
- Apr. 30 Making a Picture Frame

AMERICAN SCHOOL OF LUTHERIE

2745 S.W. Scenic Dr., Portland, OR (503) 292-2307

- Mar. 8-14 Set-Up, Maintenance & Basic Repair
- Mar. 29-Apr. 4 Hands-On Classical Guitar Making: Electric
- Apr. 27-May 9 Hands-On Classical Guitar Making: Steel
- May 25-29 Advanced Design Features

ECONEST

Ashland, OR (541) 488-9508

- May 4-16 Boot Camp Spring
- May 11-15 Timber Framing

GUILD OF OREGON WOODWORKERS

7634 S.W. 34th Ave., Portland, OR (971) 275-3962

- Apr. 4 Practicing the Fundamentals (Larry Wade)
- Apr. 10 Make a Wooden Try Square (Chris Schwarz)
- Apr. 11-12 Make a Tool Chest for New Anarchists (Schwarz)
- Apr. 18 Mortise & Tenon Joints (Dennis Rodrigues)
- May 2 Basics of Fine Woodworking—10 sessions

MOHAWK FINISHING PRODUCTS

Portland (800) 545-0047

- Apr. 7-8 Wood Touch-Up & Repair

NORTHWEST WOODWORKING STUDIO

1002 S.E. 8th Ave., Portland, OR (503) 284-1644

- Mar. 2-6 Masterworks: Time for Coffee (Gary Rogowski)
- Mar. 14-15 Intro to Woodworking (Jack Reynolds)
- Apr. 13-May 8 Masterworks: The Hand Tool Shop (Rogowski)
- Apr. 13-17 The Hand Tool Shop: Tools & Sharpening (Rogowski)
- Apr. 18-19 Intro to Woodworking: Book Shelf (Jack Reynolds)
- Apr. 20-24 The Hand Tool Shop: Carving & Shaping (Rogowski)
- May 30 Design Strategy: Dining Table, Anyone? (Rogowski)

OREGON COLLEGE OF ART & CRAFT

8245 S.W. Barnes Rd., Portland, OR (503) 297-5544

- Apr. 11 The Wooden Spoon (Amanda Wall-Graf)
- May 15-17 Bamboo, From the Grove to the Studio (Charissa Brock)
- May 29-30 Wooden Boxes (Wall-Graf)

OREGON STATE UNIVERSITY CRAFT CENTER

Student Experience Center, Corvallis, OR (541) 737-2937

Call for Classes

ROCKLER WOODWORKING & HARDWARE

11773 S.W. Beaverton-Hillsdale Hwy., Beaverton, OR (503) 672-7266

- Mar. 7 Freud Rail & Stile Router Bits
- Mar. 14 Rockler Rail Coping Jig
- Mar. 21 Rockler European Hinge Jig
- Mar. 28 Rockler IXL Box Joint Jig
- Apr. 4 SawStop & Micro Jig Demo
- Apr. 11 Soy Gel Paint Stripper
- Apr. 18 Rockler T-Track Table with New Accessories
- Apr. 25 Pen Turning

SISKIYOU WOODCRAFT GUILD

Ashland, OR (541) 821-1764

- Mar. 3 Insight into Woodworking—13 sessions

WOODCRAFT—Eugene

1530 Coburg Rd., Eugene, OR (541) 685-0677

- The Bullet Proof Finish Done Fast, Done Right (Joe Essin)
- Turn a Writing Pen (Scott Sucamele)
- Turn a Lidded Box
- Intro to CNC Routers (J. Essin)
- Table Saw Techniques (Ray Salgado)
- Bandsaw Fundamentals (Mike Luke)
- Carving Basics & Beyond (Dave Disselbrett)
- Kreg Jig Basics (Salgado)
- Router Intensive (J. Essin)
- Basic Scroll Saw Fretwork (Robert Fleck)
- Spray Finishing with an HVLP System
- Lathe Intensive: An Applied Course in Turning (J. Essin)
- Women & Woodworking (J. Essin)
- Cut-Apart Bandsaw Box (Luke)
- Basic Cabinet Construction (Salgado)
- Sharpening Basics & Beyond (J. Essin)
- Festool Product Demo (Brad Intermill)
- Carving Basics & Beyond (Disselbrett)
- Intro to CNC Routers (J. Essin)
- Turn a Writing Pen (Sucamele)
- Turn a Duck Call (George Essin)
- Table Saw Techniques (Salgado)
- Turn a Lidded Box (Steve Woods)
- Wood Burning 101 (Fleck)
- Spray Finishing with an HVLP System

WOODCRAFT — Portland

12020 S.W. Main St., Tigard, OR (503) 684-1428

- Mar. 1 Basic Bowl Turning (Tim Kluge)
- Mar. 5 How Do I Get Started in Woodworking? (Agnes Green)
- Mar. 7 Intro to Wood Carving (LeRoy Nollette)
- Mar. 8 Pen Turning
- Mar. 12 Power Tool Fundamentals: The Table Saw (Mike Shea)
- Mar. 14 Turning a Lidded Box (Kluge)
- Mar. 15 Finishing I (Joe Cornett)
- Mar. 15 Finishing II (Cornett)
- Mar. 19 Power Tool Fundamentals: The Band Saw (Michael Weisman)
- Mar. 21 Beginning Scroll Saw (Nollette)
- Mar. 22 Build a Zhen Damascus Santoku Knife (Shea)
- Mar. 26 Power Tool Fundamentals: Router & Router Table (Jarrod Murphree)
- Mar. 28 Achieving a Keen Edge: Hand Tool Sharpening (Jeff Zens)
- Mar. 29 Acrylic Pen Turning
- Apr. 2 How Do I Get Started in Woodworking? (Green)
- Apr. 4 Woodworking for Women: Foot Stool (Allison Geary)
- Apr. 5 Woodburning with Shirley (Shirley Malar)
- Apr. 9 Power Tool Fundamentals: The Table Saw (Shea)
- Apr. 11 Intarsia: Build a Dolphin (Duane Taylor)
- Apr. 12 Intermediate Intarsia (Taylor)
- Apr. 16 Power Tool Fundamentals: The Band Saw (Weisman)
- Apr. 18 Beginning Lathe Turning Fundamentals (Kluge)
- Apr. 19 Bowl Turning Basics (Kluge)
- Apr. 23 Power Tool Fundamentals: The Router & Router Table (Murphree)
- Apr. 25 Intro to Wood Carving (Nollette)
- Apr. 26 Pen Turning

WORKSHOPS • DEMOS • CLASSES

Apr. 30 Power Tool Fundamentals: The Jointer & Planer (Murphree)

WOODCRAFTERS

212 N.E. 6th Ave., Portland, OR (503) 231-0226

Mar. 7 Segmented Woodturning (Joseph Stanchfield)
Mar. 14 Software Glue-Up for Wood Turning (Lloyd Johnson)
Mar. 21 Luthier Solid Body: Electric Guitar (Dan Bjorke)
Mar. 28 Pyrography Wildlife (Shirley Maylar)
Apr. 4 Carving Relief & Print Block (Debby Neely)
Apr. 11 Woodcarving: 3-D & Relief (Jim Tharp)
Apr. 18 Exotic Carving: Swords, Gun Stocks, 3-D (Wayne Holdahl)
Apr. 25 Woodturning (Fred Kline)

SOUTH DAKOTA

SIOUX FALLS SCHOOL DISTRICT

4700 W Career Cir., Sioux Falls, SD (605) 367-7999

Mar. 19, 24 Woodturning 101
Mar. 12 Advanced Woodworking—7 sessions
Mar. 13-15 Mission or Shaker Sofa Table
Mar. 31 Pen Making
Apr. 6 Hall Storage Bench—4 sessions
Apr. 9 Turn a Duck Call
Apr. 14 Turning a Natural Green Bowl
Apr. 24-26 Shaker-Style End Table

TEXAS

CANYON STUDIOS

Copper Canyon, TX (940) 455-2394

May 29-June 1 Turn & Burn (Graeme Priddle)

HERITAGE SCHOOL OF WOODWORKING

Waco, TX (254) 754-9645

Mar. 5 Hand-Carved Wooden Spoons
Mar. 6 Furniture Finishing
Mar. 7 Joinery I: Woodworking with Hand Tools
Mar. 12 Woodturning Basics
Mar. 16-21 Windsor Chairmaking
Mar. 26 Joinery II: Woodworking Basics
Apr. 6-11 Foundational Joinery Course
Apr. 9 Joinery III: Beginning Furniture Making
Apr. 13-18 Craftsman-Style Rocking Chair
Apr. 24 Hand-Carved Wooden Spoons
Apr. 25 Furniture Finishing
Apr. 27-May 2 End Table with a Drawer
May 6 Joinery I: Woodworking with Hand Tools
May 7 Joinery II: Woodworking Basics
May 15 The Art of Inlay
May 16 Chip Carving
May 20-23 Fine Keepsake Box Making

MOHAWK FINISHING PRODUCTS

Euleuss, TX (800) 545-0047

Apr. 21-22 Wood Touch-Up & Repair

NATIVE TEXAN

178 Horseshoe Bend, Fredericksburg, TX (830) 997-1886

Mar. 9-12 How to Build a Heirloom Rocking/Glider (Alan Carr)

PIONEER FARMS

10621 Pioneer Farms Dr., Austin, TX (512) 837-1215

Mar. 8 Planes in the Woodshop
Mar. 21-22 Knifemaking
Apr. 12 Handtool Woodworking
Apr. 18-19 Knifemaking
May 10 Planes in the Woodshop
May 16-17 Knifemaking

ROCKLER WOODWORKING & HARDWARE — Dallas West

4624 S. Cooper, Arlington, TX (817) 417-0070

Mar. 7 Freud Rail & Stile Router Bits
Mar. 14 Rockler Rail Coping Jig
Mar. 21 Rockler European Hinge Jig
Mar. 28 Rockler IXL Box Joint Jig
Apr. 4 SawStop & Micro Jig Demo
Apr. 11 Soy Gel Paint Stripper
Apr. 18 Rockler T-Track Table with New Accessories
Apr. 25 Pen Turning

ROCKLER WOODWORKING & HARDWARE — Dallas East

800 N. Coit, #2500, Richardson, TX (972) 613-8848

Mar. 5 Beginning Turning (Michael Boyle)

Mar. 7 Freud Rail & Stile Router Bits
Mar. 7 Selecting the Right Router Table
Mar. 12 Box Building on the Router Table (Jay Eason)
Mar. 14 Rockler Rail Coping Jig
Mar. 14 Pen Finishing with CA Glue
Mar. 19 Through Dovetails with Rockler Dovetail Jig (Boyle)
Mar. 21 Rockler European Hinge Jig
Mar. 21 Guitar Kit Assembly
Mar. 26 Acrylic Pen Turning (Dan Chenault)
Mar. 28 Rockler XL Box Joint Jig
Mar. 28 Turn a Beer Tap
Apr. 2 Beginning Router Table (Eason)
Apr. 4 SawStop & Micro Jig Demo
Apr. 4 Rockler Innovation Day: Spline Jig
Apr. 9 Pen Turning (Chenault)
Apr. 11 Soy Gel Paint Stripper
Apr. 11 General Finishes EF High Performance Top Coat
Apr. 16 Bowl Turning (Boyle)
Apr. 18 Rockler T-Track Table with New Accessories
Apr. 18 Rockler Sign Making Kit
Apr. 23 Captured Ring Turning (Boyle)
Apr. 25 Pen Turning
Apr. 25 Turning a Combo Cork Screw and Stopper

ROCKLER WOODWORKING & HARDWARE — Houston

3265 S.W. Fwy., Houston, TX (713) 622-6567

Mar. 7 Freud Rail & Stile Router Bits
Mar. 14 Rockler Rail Coping Jig
Mar. 21 Rockler European Hinge Jig
Mar. 28 Rockler IXL Box Joint Jig
Apr. 4 SawStop & Micro Jig Demo
Apr. 11 Soy Gel Paint Stripper
Apr. 18 Rockler T-Track Table with New Accessories
Apr. 25 Pen Turning

TECHSHOP

120 Sundance Pkwy., Ste. 350, Round Rock, TX (512) 900-4664

Call for Classes

TEXAS WOODCARVERS GUILD

Civic Center, New Braunfels, TX quintana@htc.net

Apr. 19-24 Spring Round-Up

THE OLD TEXAS WOODCARVERS SHOP

24802 Red Oak, Magnolia, TX (800) 752-9781

Wed. Carving Classes

WOODCRAFT — Austin

8904 Research Blvd., Austin, TX (512) 407-8787

Call for Classes

WOODCRAFT — Dallas

601 W. Plano Pkwy., Plano, TX (972) 422-2732

Mar. 1 Router Basics (Howard Hale)
Mar. 2 Band Saw Basics (Hale)
Mar. 3-4 Band Saw Box (Mark Seay)
Mar. 5 Basic Turning—3 sessions (John Horn)
Mar. 7 Cabinet Making for Beginners (Hale)
Mar. 8 Basic Pen Turning (Russell Bishop)
Mar. 9 Square Board Fundamentals (Hale)
Mar. 10-11 Raised Panel Doors (Hale)
Mar. 14 Advanced Celtic Knot Pen (Bishop)
Mar. 15 Carve an Acanthus Leaf Clock (Paul DeMars)
Mar. 17-18 Glass Panel Doors (Hale)
Mar. 21-22 Basic Woodworking (Martin Benchot)
Mar. 23-25 Build an End-Grain Cutting Board (Seay)
Mar. 28 Finishing for the Home Shop (Hale)
Mar. 29 Woodcarving for Beginners (DeMars)
Apr. 1 Square Board Fundamentals (Hale)
Apr. 2 Basic Turning—3 sessions (Horn)
Apr. 4 Advanced Celtic Knot Pen (Bishop)
Apr. 7-8 Build a Wooden Hand Plane (Hale)
Apr. 11 Hand Cut Dovetails (Hale)
Apr. 12 Carve a Ball & Claw Foot (DeMars)
Apr. 14-15 Band Saw Box (Seay)
Apr. 18-19 Basic Woodworking (Benchot)
Apr. 21-22 Hand Tool Basics & Sharpening (Hale)
Apr. 23 Build an Adirondack Chair—7 sessions (Hale and Seay)
Apr. 27-28 Router Basics (Hale)

WOODCRAFT — Fort Worth

754 Grapevine Hwy., Hurst, TX (682) 334-1025

Tues./Fri. Woodcarving Workshop (Steve Schoolar)
Mar. 7 Beginning Pen Turning (Chris Denson)

WORKSHOPS • DEMOS • CLASSES

Mar. 10 Intro to Power Tools (John Lester)
 Mar. 14-15 Basic Cabinet / Furniture Making (Lester)
 Mar. 21 Turning a Lidded Box (Denson)
 Mar. 28 Damascus Knife (Lee Sutton)
 Apr. 2 Turn an Acrylic Wallstreet II Pen (Denson)
 Apr. 4 Dovetail Joints with Porter-Cable 4212 Jig (Sutton)
 Apr. 11 Bowl Turning 101 (Denson)
 Apr. 18 Electric Pepper Mill (Sutton)
 Apr. 25 Turn an Elegant Wooden Platter (Denson)

WOODCRAFT — Houston North

60 FM 1960 W., Houston, TX (281) 880-0045

Mar. 1 Jewelry Box with Hand Cut Dovetails (Chris Brown)
 Mar. 5 Pen Turning: The European (Charlotte Price)
 Mar. 7 Intro to Cabinet Making (Stan Smith)
 Mar. 12 Natural-Edge Bowl Turning (Paul Kendall)
 Mar. 14 Intro to Bowl Turning (Kendall)
 Mar. 15 Intro to Woodworking Machines (Wendell Willoughby)
 Mar. 21 Finishing Techniques 101 (Stuat Tapper)
 Mar. 22 Basic Router (Phil Elmore)
 Mar. 26 Acrylic Pen Turning (Price)
 Apr. 2 Pen Turning: The European (Price)
 Apr. 4-5 Intro to Cabinet Making (Smith)
 Apr. 9 Natural-Edge Bowl Turning (Kendall)
 Apr. 11 Intro to Bowl Turning (Kendall)
 Apr. 12 Basic Router (Elmore)
 Apr. 18 Making a Cathedral Raised Panel Door (Mike Vetrano)
 Apr. 19 Intro to Woodworking Machines (Willoughby)
 Apr. 26 Jewelry Box with Hand Cut Dovetails (Brown)
 Apr. 30 Acrylic Pen Turning (Price)

WOODCRAFT — Houston Southwest

11707 W. Sam Houston Pkwy. S., Houston, TX (281) 988-9449

Mar. 5 Hand-Cut Dovetails (Fred Sandoval, Jr.)
 Mar. 8 Bowl Turning Introduction (Paul Kendall)
 Mar. 8 Scroll Saw Basics (Dennis Peters)
 Mar. 14-15 Build an Electric Guitar (Frank Coleman)

WOODCRAFT — San Antonio

13719 San Pedro, San Antonio, TX (210) 545-5885

Mar. 7 Veneering Workshop
 Mar. 13 Learn to Turn on the Lathe (Louis Jordan)
 Mar. 14 Festool Essentials (James Parsons)
 Mar. 19 Table & Bandsaw Basics
 Mar. 27 Turn a Pepper Mill (Jordan)
 Mar. 28-29 Cabinet Building Basics (Joel Jackson)
 Apr. 3 Scroll Saw Basics: Puzzle (Jordan)
 Apr. 4 Cabinet Building Basics: Doors (Jackson)
 Apr. 5 Cabinet Building Basics: Drawers (Jackson)
 Apr. 10 Learn to Turn on the Lathe (Jordan)
 Apr. 13 Flat, Square, Straight with Hand Tools (Jackson)
 Apr. 17 Pen Turning Basics (Jordan)
 Apr. 24 Turning Lidded Bowls (Jordan)
 Apr. 25-26 Basic Furniture Joinery (Jackson)

WORTHEFFORT WOODWORKING

122 S. Edward Gary St. B., San Marcos, TX (512) 396-2014

Thurs. After Lunch Bunch
 Thurs. Intro to Woodworking
 Thurs. Tool-N-Technique
 Mar. 7-8 Intro to Joinery

UTAH

CRAFT SUPPLIES USA

1287 E. 1120 S., Provo, UT (800) 398-2743

Mar. 11-13 Basic Woodturning (Stan Record)
 Mar. 26-27 Wood Stabilizing (Kirk DeHeer)
 Apr. 8-10 Intermediate Woodturning (Record)
 Apr. 20-24 Signature Woodturning (Alan Stirt)
 May 18-22 Signature Woodturning (DeHeer)

SNOW COLLEGE

345 W. 100 North, Ephraim, UT (435) 283-7575

Mar. 11-14 Furniture Refinishing (Carl Timm)

UTAH WOODTURNING SYMPOSIUM

Utah Valley University, Orem, UT (801) 615-9427

May 14-16 Symposium with Over 80 demonstrations

WOODCRAFT

9891 S. 500 West, Sandy, UT (801) 566-5652

Mar. 7 Turning & Burning: Bowls (Raleigh Lockhart)

Mar. 14 Router Basics: Building a Keepsake Box (Ryan Balls)
 Mar. 19 Turn a Wallstreet II Pen (Wes Bowling)
 Mar. 21 Wood Carving (Marilyn Ure)
 Mar. 26 Sharpening Basics (Balls)
 Mar. 28 Turned a Lidded Container (Balls)
 Apr. 4 Turning & Burning: Platters (Lockhart)
 Apr. 11 Furniture Making (Balls)
 Apr. 16 Turn a Wallstreet II Pen (Bowling)
 Apr. 18 Carve a Spirit in Walking Stick (Ure)
 Apr. 25 Finishing 101 (Scott Gardner)

WASHINGTON

ARBUTUS FOLK SCHOOL

610 4th Ave E., Olympia, WA (360) 867-8815

Mar. 11 Make an English Bow Saw—4 sessions (Bryan Torian)
 Mar. 28-29 Native American Flute Making Workshop (Peter Ali)
 May 17 Chisel & Toolmaking (Kelly Rigg)

BALLARD WOODWORKS

1807 N.W. Dock Pl., Seattle, WA (206) 284-9493

Mar. 8 Finishing (Stan Hiserman & Scott Anderson)
 Mar. 30 Intro to Woodworking (Hiserman & Anderson)
 Apr. 2 Intro to Woodworking—6 sessions (Hiserman & Anderson)
 Apr. 26 Finishing (Hiserman & Anderson)

CEDAR ROOT FOLK SCHOOL

Marrowstone Island, WA (360) 379-5413

Mar. 21-22 Intro to Blacksmithing & Knifemaking

CENTER FOR WOODEN BOATS

Seattle, WA (206) 382-2628

Mar. 14-15 Beginning Woodworking
 Apr. 4-12 Kayak Building (Corey Freedman)
 Apr. 18-19 Varnishing (Dave Thacker)
 Apr. 25-26 Women's Woodworking
 May 23-24 Beginning Woodworking
 May 30-31 Lofting (Eric Hvalsoe)

DARRELL PEART FURNITUREMAKER

9824 30th Ave. S.W., Seattle, WA (425) 277-4070

Apr. 27-May 2 Greene & Greene Style Blanket Chest
 May 11-16 Greene & Greene Style Blanket Chest
 May 25-29 Rafter Tail Tables

NORTHWEST CORNER WOODWORKERS

Bellingham, WA (360) 629-6670

Mar. 7 Preparing Wood for Projects (Phil Choquette)
 Mar. 28 Make a Foot Stool: An Intro to Woodworking (Bill Baer)
 Mar. 28 Making Boxes with Dovetail Corner Splines (Jerry Couchman)
 Apr. 18 Cabinet Carcass Construction (Baer)
 Apr. 25 Cabinet Drawers & Doors Construction (Baer)
 Apr. 25 Make a Block Plane (Val Matthews)

PORT TOWNSEND SCHOOL OF WOODWORKING

300 Battery Way, Port Townsend, WA (360) 344-4455

Mar. 21-22 By Hand & By Eye (Jim Toplin)
 Apr. 18-19 Hand Saw Essentials (Toplin & Matthew Straughn-Morse)
 Apr. 20-24 NW Carving: Toolmaking (Steve Brown)
 Apr. 20-May 1 Intro to Cabinet Making (John Marckworth)
 Apr. 27-May 1 Carving a Tlingit Style Mask (Brown)
 May 4-8 Hand Tool Heaven (Abel Dances & Jim Tolpin)
 May 11-15 Furniture Essentials: Side Table (Dances & Tolpin)
 May 16-17 Hand Plane Essentials (Straughn-Morse & Tolpin)
 May 18-22 Foundation of Woodturning (Bonnie Klein)
 May 18-22 Furniture Essentials: Slab Coffee Table (Dances)
 May 25-29 Woodworking for Women (Martha Collins)
 May 25-29 Spindle Turning (Klein)

PRATT FINE ARTS CENTER

1902 S. Main St., Seattle, WA (206) 328-2200

Mar. 9 Woodturning for Artists—6 sessions
 Mar. 10 Forge Your Own Chisels—6 sessions (Andy Blakney)
 Mar. 12 Intro to Veneering & Marquetry (John Kettman)
 Mar. 18 Northwest-Style Carving—8 sessions (Cecily Bishop)
 Mar. 25, 26 Intermediate Woodturning—6 sessions (Tom Henscheld)
 Mar. 31 Beginning Woodworking—8 sessions (Steve Dando)
 Apr. 11-12 Woodworking Fundamentals

RENTON TECHNICAL COLLEGE

3000 N.E. 4th St., WA (425) 235-2352

Mar. 3 SketchUp Basics—4 sessions (Bob Oswald)

WORKSHOPS • DEMOS • CLASSES

ROCKLER WOODWORKING — Seattle North 832 N.E. Northgate Way, Seattle, WA (206) 634-3222

- Mar. 4 Ask the Expert: Turning Tools & Uses
- Mar. 7, 14 Rockler Rail Coping Jig Demo
- Mar. 7, 14 Freud Rail & Stile Router Bits
- Mar. 7, 14 Rockler Router Table Q&A
- Mar. 11 Ask the Expert: Woodturning & General Woodworking
- Mar. 18 Ask the Expert: Hand Tools & Sharpening
- Mar. 21 Scroll Sawing 3D Project
- Mar. 21 Rockler European Hinge Jig
- Mar. 21 Turning a Pen (Ron Helgersen)
- Mar. 25 Ask the Expert: Woodturning & Odies Oil
- Mar. 28 Wood Identification
- Mar. 28 Rockler XL Box Joint Jig Demo
- Mar. 28 Rockler Spline Jig Demo
- Apr. 1 Ask the Expert: Table Saws & Cutting Boards
- Apr. 4 Router Table Q&A
- Apr. 4 SawStop & Micro Jig Demo
- Apr. 4, 18 Table Saw Safety
- Apr. 8 Ask the Expert: Bottle Stoppers & Workshop Sharpening
- Apr. 11 Pen Turning (Helgersen)
- Apr. 11 Hand Plane Vernacular and Cleaning
- Apr. 11 Soy Gel Paint Stripper
- Apr. 11 How Easy Is Gel Stain? Easy!
- Apr. 14 Ask the Expert: Woodcarving & Sharpening
- Apr. 18 Intro to Scroll Sawing (Jim Klinger)
- Apr. 18 Rockler T-Track Table with New Accessories
- Apr. 22 Ask the Expert: Woodturning & Pen Turning (Helgersen)
- Apr. 25 Lathe Safety & Equipment
- Apr. 25 Pen Turning
- Apr. 25 Banksia Pod Turning
- Apr. 29 Ask The Expert: Woodturning & Wooden Machines

ROCKLER WOODWORKING — Seattle South 345 Tukwila Pkwy., Tukwila, WA (206) 244-9161

- Mar. 7 Turning Celtic Handles
- Mar. 7 Freud Rail & Stile Router Bits
- Mar. 14 Turning Segmented Bowls
- Mar. 14 Rockler Rail Coping Jig
- Mar. 21 EZSmart EZ-One Table System
- Mar. 21 Rockler European Hinge Jig
- Mar. 28 Turned Boxes
- Mar. 28 Rockler XL Box Joint Jig
- Apr. 4 CNC Shark
- Apr. 4 SawStop & Micro Jig Demo
- Apr. 11 Pocket Screw Systems & Jigs
- Apr. 11 Soy Gel Paint Stripper
- Apr. 18 Table Saw Setup & Jigs
- Apr. 18 Rockler T-Track Table with New Accessories
- Apr. 25 Basic Bowl Turning
- Apr. 25 Pen Turning

WOODCRAFT — Seattle

5963 S. Corson Ave., Seattle, WA (206) 767-6394

- Weds. Handmade: Open Shop (Steve Dando)
- Mar. 1 Compass Rose Inlay (Reid Anderson)
- Mar. 2 Sawdust Therapy I: Beg. Woodworking—5 sessions (Dando)
- Mar. 5 Sharpening and Hand Planing Workshop (Rob Cosman)
- Mar. 6, 7 Hand-Cut Dovetail Workshop (Cosman)
- Mar. 12 A Journey on Joinery for the Beginner—2 sessions (Jerry Bass)
- Mar. 13-14 Turning 101 (Jack Wayne)
- Mar. 15 Bolt Action Pen (David Lippincott)
- Mar. 20 Bottle Stoppers: A Starter Course (Lippincott)
- Mar. 21 Sharp Pointy Things: Knife Making (McPherson)
- Mar. 22 Sharpening 101 (Drew Eballo)
- Mar. 27-28 Turning 101 (Wayne)
- Mar. 29 Turning Tool Sharpening (Eballo)
- Apr. 1 Router 102 (Dando)
- Apr. 2 Basic Finishing (Tom Henscheid)
- Apr. 4 Sharpening 102: Waterstones (Eballo)
- Apr. 6 Sawdust Therapy I: Beg. Woodworking—5 sessions (Dando)
- Apr. 8 Router 101 (Dando)
- Apr. 9 Table Saw 101 (Dando)
- Apr. 10-11 Turning 101 (Wayne)
- Apr. 11 A Journey on Joinery for the Beginner (Bass)
- Apr. 12 Learn to Turn (Lippincott)
- Apr. 16 Bandsaw 101 (Dando)

- Apr. 17 Sharp Pointy Things: Knife Making (McPherson)
- Apr. 19 Learn to Turn (Lippincott)
- Apr. 22 Router 103 (Dando)
- Apr. 23 Hollow Chisel Mortiser 101 (Dando)
- Apr. 24-25 Turning 101 (Wayne)
- Apr. 26 Executive Pen (John Jones)
- Apr. 29 Template Routing (Dando)

WOODCRAFT — SPOKANE

212 N. Sullivan Rd., Ste. C, Spokane Valley, WA (509) 892-9663

- Mar. 1 Turning an Antique Peppermill (Joel Green)
- Mar. 7 Pen Turning Basics (John Ferrell)
- Mar. 8 Basic Woodshop Safety (Curtis Rew)
- Mar. 9-11 Basic Cabinet Making (Denny Carson)
- Mar. 21 Turn a Wooden Goblet (Pat Hickey)
- Mar. 22 Router 101 (Carson)
- Mar. 27 Basic Woodshop Safety (Rew)
- Mar. 28 Intro to Carving (Scott McQuarrie)
- Mar. 29 Make a Scroll Sawn Box (Harlem Sandberg)
- Apr. 4 Intermediate Bandsaw Boxes (Sandberg)
- Apr. 5 Basic Woodshop Safety (Rew)
- Apr. 11 Intermediate Pen Turning (Ferrell)
- Apr. 12 Duck Call (Green)
- Apr. 14-17 Cabinet Making 2: Lower Unit (Carson)
- Apr. 18 Intro to the Wood Lathe (Hickey)
- Apr. 19 Router Inlays (Carson)
- Apr. 24 Basic Woodshop Safety (Rew)
- Apr. 25 Intro to Pyrography/Woodburning (Doris Munson)
- Apr. 26 Turning a Tru-Stone Fountain Pen (Ferrell)

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Profile: David Marr



David Marr with a variety of his side tables.

Art Nouveau / Deco Vanity

Olive, Macassar Ebony, Pomele Sepele, Mahogany
(31" h, 50" w, 20" d)



*Last June, Woodworker West had the pleasure of selecting the "Best of Show" award at the "Design in Wood" exhibition in San Diego. The choice was easy, as **David Marr's** "Vanity" was far and away the most outstanding piece in the show. Here is David's story, in his own words:*

I am an artist, in the broadest sense. I have been a jazz musician for 38 years, traveling the world playing the string bass, and my accompaniments with several jazz legends have been recorded on more than 20 CDs. Over the years, my interest in woodworking grew, resulting in a gradual transition to where I have become a full-time furnituremaker. The common thread is that both are creative outlets, involving improvisation.

I became fascinated with wood as a young boy, making things at the Boy's Club, and later in junior and senior high school woodshop classes. I supported myself, after school, working construction, as I studied music at San Diego State and honed my skills playing at local jazz clubs. In 1987 at age 27, I received a scholarship to study music at Berklee College of Music in Boston, after which I moved to Europe to play professionally.

Based in France, I had a lot of free time during the day, since most of our engagements were at night. I gravitated to the museums to look at furniture and was captivated by the turn-of-the-Century European pieces in the Art Deco and Art Nouveau styles. The work

was incredible, so creative. I vowed that if I ever settled down in one place, I would have a shop.

The opportunity arose, when I moved to Chicago and bought an old house that was in total disrepair. I set up a shop in the basement, and over ten years, basically restored the house back to its original condition. Though I continued to play music, I gradually found that I was spending greater amounts of time—sometimes 10 hours a day—in the shop, improving my skills. Besides working on the house, I began making furniture for ourselves and others.

After my wife passed away, I decided to move back to San Diego in 2005, where my parents were in ill health, and concentrate on developing a furnituremaking business. Having sold my equipment in Chicago, I was able to begin with a clean slate and build a new shop with upgraded machinery.

From being a jazz musician, I know how to live on the slim side of things, so I have the luxury to work on speculative pieces, rather than chasing after projects from clients. And similarly to jazz, I improvise like crazy. I don't draw. I get an idea in my head, and I go down to the shop and start building. As the piece develops, I will make de-



*Art Deco
Writing Desk*
Macassar Ebony,
Holly
(31" h, 42" w, 27" d)



White Tulip Wine Cabinet
Fiddleback Anigre,
Mahogany, Holly,
Ebony, marquetry veneers
(41" h, 40" w, 18" d)



sign decisions. I like incorporating little details, such as $\frac{1}{16}$ " inlays on the edges. It is really time consuming, but it sets the pieces apart.

I don't copy, and I don't make reproductions. That's not to say that I don't have influences. If I see something that I like, I will certainly put my own spin on it. The *Nouveau/Deco Vanity & Chair* (left) was influenced by a picture that I came across of an Art Nouveau piece from 1910. I was looking to experiment and develop my skills of working with curves. The little chair was particularly difficult, because of all the tight curves.

Almost all my work involves veneer over substrates. For panels, I use lumber core, sandwiched with $\frac{1}{8}$ " or $\frac{1}{4}$ " MDF on each side, before I veneer. Lumber core is nice and light and real stable, and the MDF offers a flat surface for adhesion. If joints are going to be under stress, I will use Baltic Birch plywood. For table tops, I use $\frac{3}{4}$ " MDF.

For a lot of my legs and curved elements, I use veneer over Poplar. If I can get the curve out of a piece of solid Poplar, I will make a pattern, flush rout the workpieces, and clean them all up by hand. Then, I make cauls, lined with cork, for pressing the veneer. For parts in which solid Poplar does not provide enough strength, I will use layers of $\frac{1}{8}$ " bendable Poplar, skinned with $\frac{1}{8}$ " MDF.

The custom furniture business is tough. I get inquiries from people, usually with a picture of some \$400 piece that they got off the Internet. When I quote them a price, I usually never hear from them again. With prospective clients, I

begin by asking their budget, and if it is reasonable, I will work with them on price and visit their home to see what they want.

Since most of my serious clients have seen my previous work, they trust me, and a simple sketch is enough. I have a repeat client in New Mexico, who only wants to be surprised with the final piece. For the *Dining Set* (below), he simply specified the size, the number of chairs, and a request for a Southwestern theme with snakes and spiders. Otherwise, I had complete artistic license.

For this year's *Design in Wood* competition, I am entering a new coffee table, and possibly a more difficult piece, if completed in time. You can see more of my work at my website: www.davidmarrdesigns.com.



Tarantula Dining Set
Cherry, Eucalyptus & various veneers
(31" h, 36" w, 72" l)

CALENDAR & EVENT INDEX

MARCH

- thru Dec. **EXHIBIT:** *Form/Unformed: Design from 1960 to the Present* at the Dallas Museum of Art, **Dallas, TX.** (214) 922-1200.
- thru July 5 **EXHIBIT:** *Embodiments* at the de Young Memorial Museum, **San Francisco, CA.** (415) 750-3600.
- thru May 17 **EXHIBIT:** *Seattle Collects Northwest Coast Native Art* at the Seattle Art Museum, **Seattle, WA.** (206) 654-3100.
- thru May 10 **EXHIBIT:** *Dining & Discourse: A Discussion in Three Courses* at the Houston Center for Contemporary Craft, **Houston TX.** (713) 529-4848.
- thru May 8 **EXHIBIT:** *National Drawing & Small Sculpture Show* at the Cain Memorial Gallery, **Corpus Christi, TX.** (361) 698-1216.
- thru May 7 **EXHIBIT:** *Shaker Stories* at Sonoma Valley Museum of Art, **Sonoma, CA.** (707) 939-7862.
- thru May 3 **EXHIBIT:** *Arizona Indigenous* at Desert Botanical Garden, **Phoenix, AZ.** (480) 941-1225.
- thru Apr. 25 **EXHIBIT:** *Middle Fork* at MadArt Space, **Seattle, WA.** (206) 623-1180.
- thru Apr. 21 **EXHIBIT:** *Frank Lloyd Wright's Samara* at the Oklahoma State University Museum of Art, **Stillwater, OK.** (405) 744-2780.
- thru Apr. 12 **EXHIBIT:** *Dream State* at the Art Museum of Southeast Texas, **Beaumont, TX.** (409) 832-3432.
- thru Apr. 5 **EXHIBIT:** *Contemporary Crafts* at Mesa Contemporary Arts, **Mesa, AZ.** (480) 644-6560.
- thru Apr. 4 **EXHIBIT:** *Clay, Fiber, Paper, Glass, Metal, Wood Exhibition* at the Octagon Center for the Arts, **Ames, IA.** (515) 232-5331.
- thru Apr. 2 **EXHIBIT:** *Materials: Hard & Soft* at the Meadows Gallery, **Denton, TX.** (940) 382-2787.
- thru Mar. 29 **EXHIBIT:** *Art Showcase* at the Arizona Fine Art Expo, **Scottsdale, AZ.** (480) 837-7163.
- thru Mar. 29 **EXHIBIT:** *Celebration of Fine Art*, **Scottsdale, AZ.** (480) 443-7695.
- thru Mar. 29 *Free Play* at the Arvada Center, **Arvada, CO.** (720) 898-7255.
- thru Mar. 29 **EXHIBIT:** *Knock on Wood* at the Bellevue Art Museum, **Bellevue, WA.** (425) 519-0770.
- thru Mar. 18 **EXHIBIT:** *Work & Play: The Eames Approach* at the Petaluma Art Center, **Petaluma, CA.** (707) 762-5600.

ADVERTISER INDEX

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thru Mar. 15 EXHIBIT: <i>In the Realm of Nature</i> at the Mingei International Museum, San Diego, CA. (619) 239-0003.	6-7	County Expo Center, Albany, OR. (503) 580-5013.	
thru Mar. 8 EXHIBIT: <i>Artistry in Wood</i> at the Northway Mall, Anchorage, AK. (907) 696-0725.	12-July 26	TOOL SHOW: <i>Lie-Nielsen Tools</i> at Sierra Madre Sawing & Milling, Pasadena, CA. (800) 327-2520	
thru Mar. 8 EXHIBIT: <i>Life on the Edge of the Forest: Russian Traditions in Wood</i> at the Museum of Russian Art, Minneapolis, MN. (612) 821-9045.	13-May 10	EXHIBIT: <i>Finland: Designed Environments</i> at the Nordic Heritage Center, Seattle, WA. (206) 789-5707.	
1-May 3 EXHIBIT: <i>Master Woodworking Artist of the Year</i> at the Forest Heritage Center, Broken Bow, OK. (580) 494-6497.	13-15	EXHIBIT: <i>Small Buildings: Built, Unbuilt, Unbuildable</i> , at Craft Alliance, St. Louis, MO. (314) 725-1177.	
1-Apr. 30 EXHIBIT: <i>Jerry Kermode</i> at the Nohea Gallery Honolulu, HI. (808) 596-0074.	14-15	FESTIVAL: <i>Scottsdale Arts Festival</i> , Scottsdale, AZ. (480) 994-2787.	
1-31 EXHIBIT: <i>Ron Nichols</i> at Gallery M, Half Moon Bay, CA. (650) 726-7167.	14	SYMPOSIUM: <i>Woodturning Symposium</i> , Honolulu, HI. (808) 395-6876.	
1-31 EXHIBIT: <i>Wood Jewelry</i> at Artwood, Bellingham, WA. (360) 647-1628.	14	SWAP: <i>Old Tool Swap Meet</i> at Arroyo Hardwoods, Pasadena, CA. (951) 686-5825.	
1 SWAP: <i>Rocky Mountain Tool Collectors</i> at Advent Church, Golden, CO. (307) 322-2127.	18-20	SWAP: <i>Pacific Northwest Tool Collectors</i> at Alki Masonic Hall, Seattle, WA. (503) 628-1488.	
3-June 14 EXHIBIT: <i>Creativity in Construction</i> at the Gallery of the AAW, St. Paul, MN. (651) 484-9094.	19-21	CONVENTION: <i>World of Wood</i> at The Cosmopolitan, Las Vegas, NV. www.iwpawood.org .	
5-8 FESTIVAL: <i>La Quinta Arts Festival</i> , La Quinta, CA. (760) 564-1244.	19-21	CONFERENCE: <i>Redwood Logging Conference</i> , Eureka, CA. (707) 443-4091.	
5-8 SHOW: <i>Wood Week</i> at the North House Folk School, Grand Marais, MN. (218) 387-9762.	20-Apr. 11	SWAP: <i>THCKK Tool Meet</i> , Richmond, MO. (816) 776-2936.	
6-27 EXHIBIT: <i>Big Island Woodturners</i> at the Wailoa Center, Hilo, HI. (808) 933-0416.	21	EXHIBIT: <i>The Modern Credenza</i> at Mod-A-Go-Go, Salt Lake City, UT. (801) 355-3334.	
6-8 SYMPOSIUM: <i>Oregon Woodturning Symposium</i> at the Linn	26-29	SWAP: <i>PAST Tool Show</i> at Veterans Building, Spreckels, CA. (707) 545-8812.	
		SHOW: <i>Woodworking Show</i> at the Corvallis Public Library,	

CALENDAR & EVENT INDEX

27-28	Corvallis, OR. (541) 766-6926. TOOL SHOW: Lie-Nielsen Tools at Santa Fe Community College, Santa Fe, NM. (800) 327-2520.	3-5	Woods at Palomar College, San Marcos, CA. (415) 479-8733. FESTIVAL: Deep Ellum Arts Festival, Dallas, TX. (800) 538-1881.	18-19	turning Symposium, Bismarck, ND. www.dakotawoodturners.com .
28-June 21	EXHIBIT: Danish Modern: Design for Living at the Figge Museum, Davenport, IA. (563) 325-7804.	5-May 3	EXHIBIT: Art Maui at the Maui Arts & Cultural Center, Kahului, HI. (808) 242-2787.	21-26	FESTIVAL: Art Austin at The Domain, Austin TX. (281) 222-6820.
28-May 8	EXHIBIT: Made in California, Brea Art Gallery, Brea, CA. (714) 990-7731.	10-12	WORKSHOP: Chris Schwarz at the Guild of Oregon Woodworkers Shop, Portland, OR. (360) 864-4812.	24-26	FESTIVAL: Festival of the Arts at Festival Plaza, Oklahoma City, OK. (405) 270-4848.
28-29	EXHIBIT: Best of the Northwest at Magnuson Park, Seattle, WA. (206) 525-5926.	10-12	FESTIVAL: Woodlands Waterway Art Festival, Woodlands, TX. (281) 507-0343.	24-26	SHOW: Gathering of the Guilds at the Oregon Convention Center, Portland, OR. (503) 222-0533.
APRIL					EXHIBIT: L.A. Modernism Show at 3Lab, Culver City, CA. (708) 366-2710.
1-May 31	EXHIBIT: Rising Star Furnituremakers at the Northwest Woodworkers Gallery, Seattle, WA. (206) 625-0542.	11-June 30	EXHIBIT: Birdhouse Competition & Exhibit at the Ogden Nature Center, Ogden, UT. (801) 621-7595.	25-26	EXHIBIT: Handmade Musical Instrument Exhibit at Marylhurst University, Marylhurst, OR. www.nwmusicalinstrument-show.org .
1-30	EXHIBIT: Jeff Page at Gallery M, Half Moon Bay, CA. (650) 726-7167.	11-June 13	EXHIBIT: Texas National 2015 at the Cole Art Center, Nacogdoches, TX. (936) 468-1131.	25	SWAP: Pacific Northwest Tool Collectors, Hillsboro, OR. (503) 628-1488.
1-30	EXHIBIT: Salad Bowls at Artwood, Bellingham, WA. (360) 647-1628.	11-12	FESTIVAL: Wood Fest at Sedro-Woolley Highschool, Sedro-Woolley, WA. (360) 855-1841.	26	SHOW: Gathering of the Guilds at the Boettcher Mansion, Golden, CO. (303) 526-1390.
2-30	EXHIBIT: Reflective Artistry at Reflections Kaleidoscopes, Mendocino, CA. (707) 937-0173.	12	SWAP: Old Tool Swap Meet at Rockler Woodworking, San Diego, CA. coffeorganic@hotmail.com	30-May 26	EXHIBIT: Stephanie Brockway at the Guardino Gallery, Portland, OR. (503) 281-9048.
3-5	CONFERENCE: California Urban	17-19	SYMPOSIUM: Dakota Wood-		

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SHAVINGS & SAWDUST

WOOD INSTALLATIONS: GOOD, BAD, ORGANIC

THE GOOD: Portlandia is all abuzz about the *Cuckoo Clock* at Portland International Airport, the largest free-standing cuckoo clock in the U.S. It is 24-feet tall, nearly 10-feet wide, and weighs 7,000 lbs.

The sculpture was created by French mechanical designer **Nico Gros** and chainsaw sculptor **J. Chester Armstrong** of Sisters, OR. The body of the clock was carved from a single piece of Oregon Maple, and the inner workings are functioning wood gears. The adornments represent everything Portlandia, from carvings of a woman riding a bike holding up a bunch of organic carrots and a man holding up a frothy mug of beer to a rotating parade of carved figures representing various iconic local characters. And on the hour, the cuckoo that pops out of the upper door is a chicken.

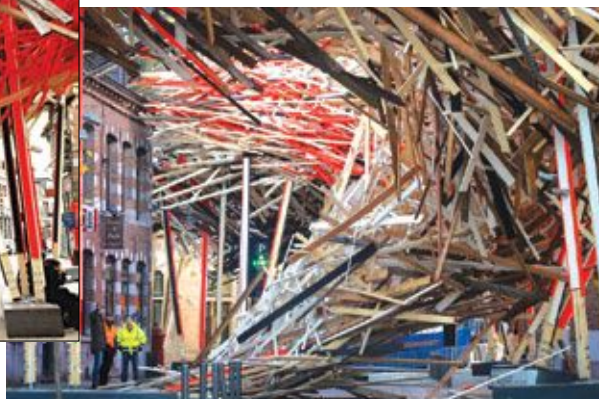
Commissioned by **Travel Portland**, it is the centerpiece of the *Portland is Happening Now* campaign, having made appearances in Vancouver and Seattle. Only scheduled to reside in the South Atrium thru March (behind security checkpoints), there are negotiations to keep it at the airport indefinitely.



THE BAD: The Belgium city of Mons planned to celebrate its designation as the *European Capital of Culture for 2015* by commissioning a large-scale public installation. Flemish artist **Arne Quinze's** *The Passenger* would consist of a latticework of red, orange, black, and naturally stained wooden beams, floating in a cloud-like formation over the city central streets for nearly 100 yards.



Before and after the collapse



However, weeks after its dedication, a supporting column gave way on Christmas eve, collapsing part of the structure—at its central point—onto the street and into buildings. Luckily, no one was injured. With the fear that future safety could not be guaranteed over its projected 5-years, the entire structure—costing 400,000 euros—was dismantled.

A video of the construction process can be seen at the website: www.facebook.com/video.php?v=10152360551512750.

THE ORGANIC: Sculptor **John Grade** created *Middle Fork*, a 85-foot sculpture modeled from a live 140 year Western Hemlock tree in a forest along the Snoqualmie River in the Cascade foothills.

The artist and his team took plaster casts of the entire tree, to be used as a mold for replication. Over 100 volunteers cut and stacked small blocks of salvaged old-growth Cedar in an open segmented pattern, and the entire surface was sanded flush. The result is a hollow, light-filled armature that mirrors the exact shape of the original tree, hung horizontally just above the floor.

The sculpture is currently on display at **MadArt Space** in Seattle, thru Apr. 25. It will travel for two years for exhibition at other venues (including the Smithsonian Institute), and then return to the Pacific Northwest, to be laid at the base of the original tree and decay into the ground.

A video of the laborious construction project is documented at the website: www.vimeo.com/117766008. MadArt Space is located at 325 Westlake Ave. N., #101, Seattle, WA. (206) 623-1180.



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