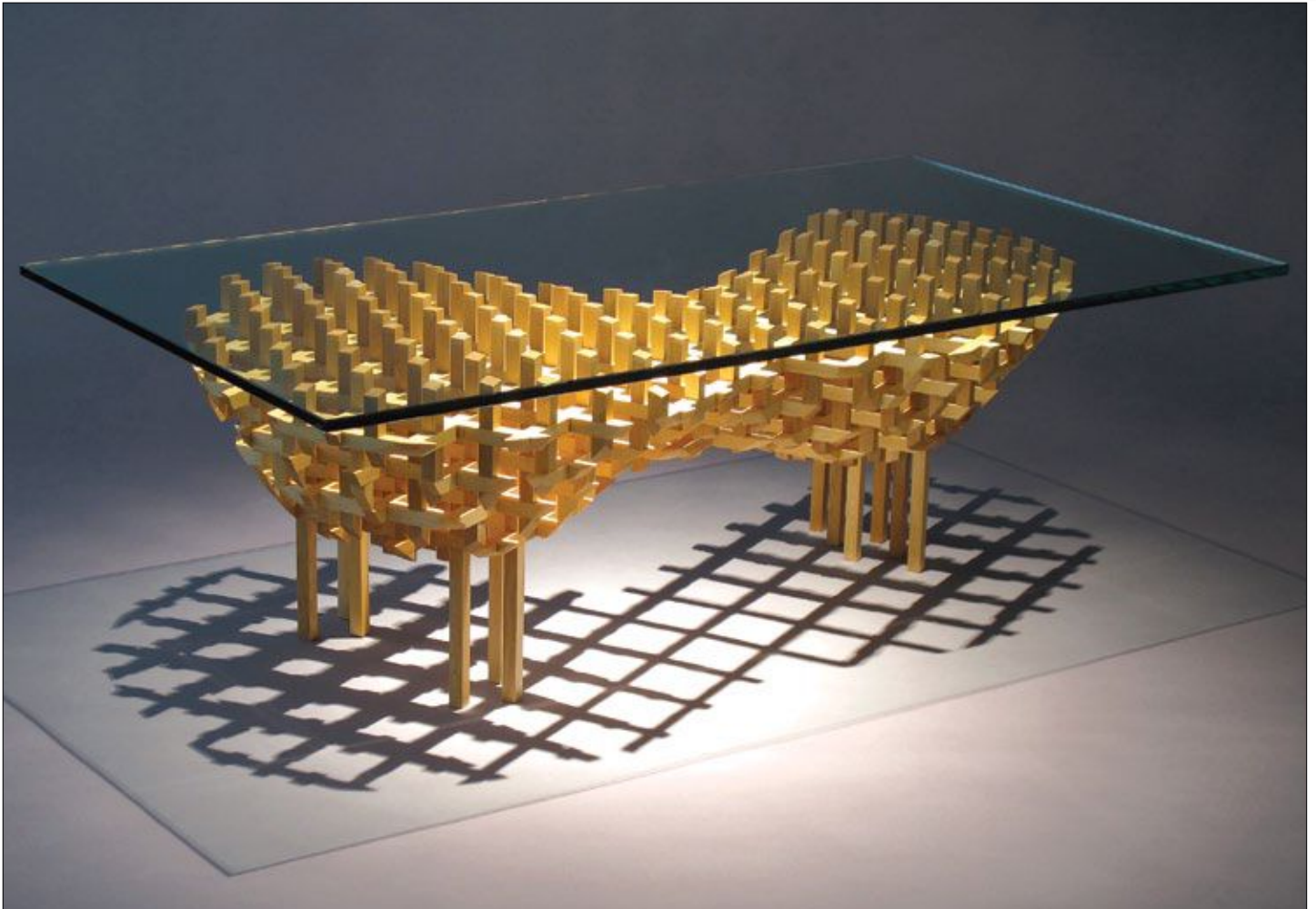


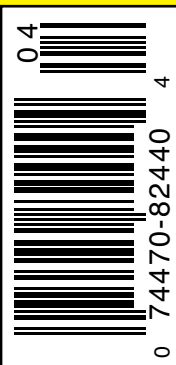
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ON THE COVER

Danny Kamerath

Danny Kamerath of Mason, TX crafts furniture with an artistic "goofball" eye. On the cover, his *Kampa* coffee table (17" h, 48" w, 26" d) is an extension of his *Grid Work* series, wherein the Afzelia framework is sculpted into an organic form. Read about Danny in a *Profile* on pages 54-55.

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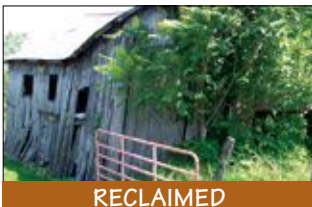
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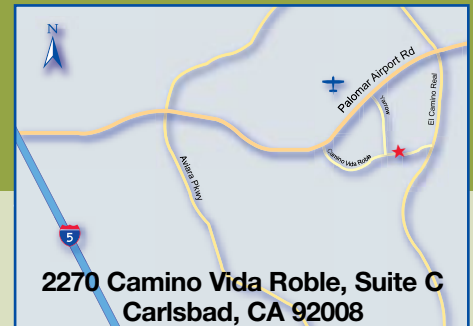
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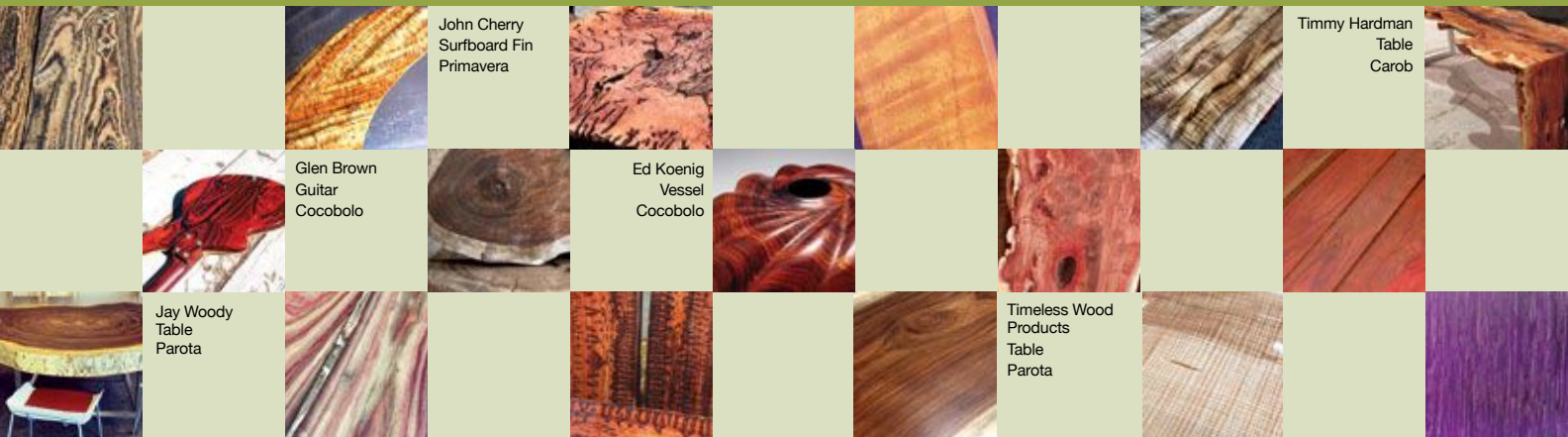


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SWAT WOODTURNING SYMPOSIUM CELEBRATES 25TH – AUG. 26-28

The **Southwest Association of Wood Turners** host their 25th annual *SWAT Symposium*, Aug. 26-28, at the Convention Center in Waco, TX. This is the second largest annual woodturning conference, featuring nationally and internationally recognized turners, as well as outstanding regional turners.

It began in 1992, as a regional symposium that could be attended by those who had neither the time nor the money to go to a national event. Known as *Texas Turn or Two*, the first meeting was run on a shoe-string budget in **Mark Potter's** shop in Columbus, TX, drawing 80 attendees.

Each year, the conference continued to grow, requiring larger and larger facilities. Today, the conference is sponsored by 26 participating clubs from Texas, Oklahoma, Arkansas, and Louisiana and attracts over 800 attendees from across the U.S.

Offering something for every level of woodturner, this year's program features 54 sessions with lead demonstrators: **Stuart Batty, John Beaver, Cindy Drozda, Clay Foster, John Jordan, Mary Lacer, Mike Mahoney, and Dick Sing**, as well as regional demonstrators **Gary**

Barnes, Kevin Bassett, Tom Canfield, Ken Cardin, Andy Chen, Andy Cole, Joe Fleming, Wayne Furr, Kai Muenzer, Larry Roberts, and Alan Trout.



In addition, there is an *Art Gallery*, banquet, drawings for artwork and tools, a vendor exhibit hall, hands-on instructional areas, and a full schedule of activities with special classes designed for non-turning family members.

On Friday night, **Stuart Batty** and **Mike Mahoney** will put on their 2-man performance in a *Duel Turning Extravaganza*. SWAT will again host *Beds of Courage*, whereby attendees contribute turned boxes for children undergoing life-saving treatments.

Registration fees are \$140 (by Aug. 8) or \$175 on-site. Registration includes demonstrations, access to all vendors, daily lunch, and access to the *Woodturners' Art Gallery*. *Symposium Banquet* and Friday night *Burger Gourmet Meal* tickets are extra. Discounts are

available to spouses and students, and reduced rates are offered for hotel accommodations. For info, visit the website: www.swaturners.org or call **Buddy Compton**, (325) 242-0904.

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Woodworker WEST

July-August, 2016 Vol. 29, No. 4

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RONALD J. GOLDMAN – Publisher
PAM GOLDMAN – Editor

Mailing address: P.O. Box 452058
Los Angeles, CA 90045
Telephone: (310) 216-9265
Fax: (310) 216-9274
E-Mail: editor@woodwest.com
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Woodworking Observations

The **Palomar College Cabinet and Furniture Technology Department** (CFT), in northern San Diego County, operates a model *Urban Forestry* program. With the sponsorship from a number of state agencies and public organizations, this facility consists of a portable sawmill and two drying kilns and produces quality lumber from fallen trees for student projects. Students trained in this operation have gone on to establish urban forestry businesses throughout the community.

However, this program faces an uncertain fate. The covered timberframe structure housing the operation—built by students in the late 1990s—has come to the attention of the Division of State Architect, which has cited the structure as not meeting state architectural guidelines. . . *because there are no guidelines for timberframe structures*. The College has been mandated to either bring the facility up to code or tear it down, which would likely eliminate the program.

The CFT Department is scrambling to gather the appropriate information upon which college administrators can make a proper decision, though time is running out. A stumbling block has been finding a structural engineer with the appropriate credentials for evaluating school structures, who is also knowledgeable about timberframe engineering. In addition, the code requires that a school building be able to withstand three times a possible maximum earthquake.

Certainly, there are century-old structures in Japan that have survived strong earthquakes, and it might be determined that the current edifice does, in fact, meet this criterion. However, such an evaluation is costly, beyond the department's budget. For this reason, a fund-raising drive seeks donations to support the engineering study, and possible retrofits, to maintain the *Urban Forestry* program. For information and donations, visit the website: www.crowdrise.com/save-our-timber-frame-structure-/fundraiser/palomar-college-foundation.

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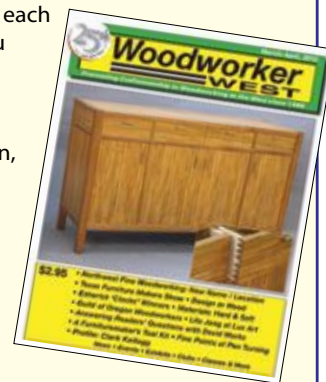
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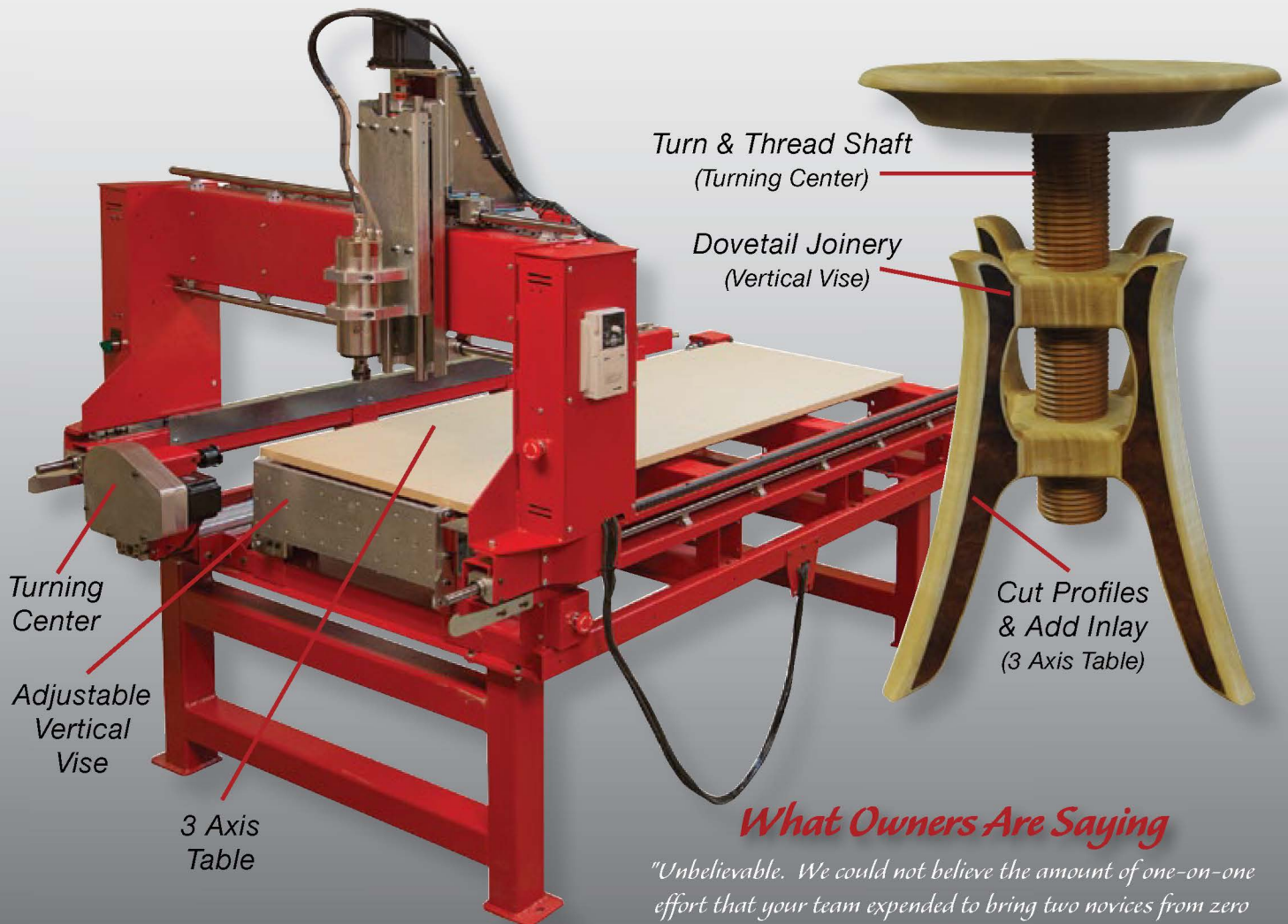
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EXIT STRATEGIES

Face it: nobody lives forever. As our strength, energy, and faculties decline with age, we have no choice but to adjust our woodworking activities accordingly. This might involve changing the nature and scope of our projects, downsizing our shops, or eventually divesting our accumulated wood, tools, and other woodworking effects. In view of these inescapable realities, this month I asked our readers, "How will you decide on an exit strategy, and what's the best way to implement it?" Here's what they had to say...

"My great uncle was a cabinet maker in the 1800's. Some of his tools wound up in my hands, in spite of the fact that no one had used them since he died. I cherish them, and I am thankful nobody sold or gave them away in all those years. As an alternate to giving away or selling the family tools, consider holding them for a future generation to pick up and use. Maybe a tool chest to store these tools is a good final woodworking project to consider."

"Boomers are faltering, and I am there to catch them, or more precisely their tools. It is important to look ahead, and I hope the view from this new higher mound of tools will make the correct course of action easier to see, if I get it high enough."

"When I retire in July, I'll have time to finish up a lot of the projects that fell by the wayside when I was busy working. Then, I plan to set my tools aside. We don't have children or relatives to leave our stuff to, so I will gradually dispatch my stockpile of wood and give the rest of the stuff to some lucky and deserving young woodworker, whom I hope to meet sometime in the next 20 years."

"Tools and wood are of secondary importance to me. I'm more interested in passing on my knowledge and skills, so hard won over the years. My son has become a decent carpenter and flat-wood worker. My daughter showed an early affinity for turning and has made bowls and magic wands over the years. They've both had finishing experience and have shown real respect for the material and its use. The tough part for me was encouraging them, while allowing them to make the mistakes from which they'd gain permanent knowledge and skills."

"At age 58 and in excellent health, I haven't given much thought to this. With no direct descendants and no serious financial need to maximize value, I presume my wife will gift and auction her way out of the mess that I leave. Someone, someday is going to score lots of cool wood."

"At age 52, I am still acquiring things. I keep a list of the things that I buy, with dates and prices, so my wife will have that information if something happens to me. When heavy lifting and large projects are no longer possible or needed, I'll consider keeping my scroll saw and purchasing a CNC type of machine to make models and other trinkets."

"If I should go before my wife—and I still have my tools and wood—I've told her to contact an auctioneer and get everything sold and out of her way in one fell swoop. There's no reason why she should have to deal with the burden of having to research and sell things individually."

"Lately, I've spent more time on a bicycle than in the shop, so maybe I've already started the transition. But, I'm not going to shut down my woodworking activities too early, so the kids are still likely to have an ugly job ahead of them. There is always the possibility of an unexpected exit strategy!"

"I have the nicest shop that I've ever had and will probably downsize down the road: smaller tools, smaller space, and smaller projects. When I go, I don't want my wife trying to price and sell my tools. I want her to just auction it all off. It's not as much money as what the stuff could bring, but it couldn't be simpler."

"Our wood turning club has a program where we will help a deceased member's family to sell the shop contents. Volunteers review the contents, determine prices, then we post the date of the sale on the club website. Two of the club member families asked for this assistance."

"I do not see as many young folks coming into the hobby these days, which makes me wonder how many people may be interested in my shop contents when the time comes to sell. It is sad to think about the small amounts of money generated from selling the shop contents."

"I think about the old adage, 'While we're talking, envious time is fleeing; pluck the day, put no trust in the future.'"

"I'm not thinking about the exit, but for those of you that are being proactive, give me a call so I can help you clear out the goodies! :)"

"Like many others, I have become more aware of physical issues/constraints, so I've put most of my machines on mobile stands and keep my tools in mobile carts. Even my wood storage rack has casters."

"Fascinating question, to force the self-awareness of inevitable decline and its consequences on our community. Although I am only in my 30s, a bout with cancer in my 20s resolved my invincibility complex early and makes this exercise easier for someone my age. As my shop tooling gets better and better, I try and keep things simple. If I replace a tool in an upgrade, get rid of the old one. This is more due to space constraints, but works to the same end. I am also using wood faster than I can collect it. Most of this wood is in log form and can become firewood anyhow. My wife and I have talked about what is worth anything in the shop. It doesn't amount to much worthwhile effort trying to get top dollar for it all. On the brighter side, every time a well-outfitted shop hits the used market at greatly reduced prices, this creates an opening for someone to discover the craft or really grow as a turner due to an equipment upgrade. My skills have jumped significantly with each lathe upgrade, and I would never have been able to afford my current lathe if it didn't come at a deep discount used. So, it may be comforting to know that if you bought quality tools, those with an eye for quality will find them quickly, and the craft will benefit."

"I have not so much a strategy, as a realization that the time to move on is nearing. Health issues have finally made me realize that I need to lighten up on the daily tasks. So, I bought an apartment in town and put the house and shop up for sale. The apartment needs no maintenance, other than normal cleaning, but has no shop space available. I am hoping to find a suitable garage shop in the neighborhood—maybe, but another thought is to locate a communal shop/club/charity to donate the tools to, where other seniors can congregate and have the benefit of

both the tools collection and my experience. I don't really need the money from a sale of the tools, and I would rather donate the lot to a worthy cause/individual than go through the painful process of dealing with the cheapskates haggling over pricing of 'stuff' that I have taken good care of over many years."

"My plan is to donate my shop contents to my woodworking club, assuming they still exist when I pass. As for downsizing, I sure hope to be able to play in the shop for a long time to come. I know there will come a time when I can't do larger projects, so I may start to sell off or give away things as I can. Someone would want what I have accumulated. I try to buy decent tools, as much as possible, and have a lot of good stuff. Lots of interesting lumber and turning blanks that I hope would not end up in a woodstove. Straightforward auction is a definite possibility too. Not fun to think about, but necessary."

"I am very aware of my mortality, and I try to get the most from each day and to pass on my accumulated knowledge of woodworking and turning. If—and when—I no longer can work, I think I will be content knowing I did OK. No regrets. I guess my family will auction off my stuff."

"I second the idea of donating to a local shop for you and other seniors to use and to share your accumulated knowledge. I hope you can find a way to make that happen, so you will be able to continue woodworking, meet other people, and create a legacy that will live on after you are gone. Along similar lines, I just contacted a 'makers space' that has a pretty nice shop set up, with the notion of perhaps donating one of my lathes and possibly offering classes. They already have a nice lathe, and they asked me to stop by and discuss offering classes or mentoring youth."

"I've never had a heated space for turning, and it's getting very difficult to hold cold steel during winter months. To compensate, I have a 2-stage plan: first, to get started in traditional Swedish spoon carving, which I can do indoors during the winter with minimal mess. On sunny days I can sit at one of our large picture windows and work in the heat and light of the sun, or I can just hang out near the wood stove in poor weather. Second, to convert our old house into a heated space for my shop activities."

"Our club just held a fairly successful auction for the family of a member who recently passed away, but it could have been more successful, if it had been advertised more widely."

"For a decade now, I have been giving away my best tools that are not in use anymore, most of them to promising bright young people, mostly females in several fields, including boatbuild-

ing, furniture making, and woodcarving. Since I don't want to leave a lot of stuff to get rid of, I give it away along with some knowledge. I also have a heir to my photographic equipment and knowledge, again a bright young female. I have also been dumping junk tools at the metal pile at the dump, and I will start selling some, as well. To accommodate my diminishing vitality, I've begun to switch to green woodworking and plan to build a pole lathe this summer. I'll also be carving spoons and perhaps some sculpture, but I prefer to create utilitarian objects rather than dust collectors (art)."

"Too young to have an exit strategy, but I have been collecting many tools at the dump from people cleaning up after the passing of a woodworker. I took my sons into my shop and told them 'not to read anything into this, but when I pass, all these tools will be worth something. If you don't want them, sell them. If I see you taking them to the dump, I will come back from the grave and haunt you for the rest of your lives.'"

"When I die, my first born must use my tools to build a Viking ship for the funeral. Seriously, I'm only 31, so I really haven't put much thought into it, but my wife can eBay everything with good descriptions and do well. Or my boy can put everything to use."

"I tend to avoid thinking about this topic. I am 76 and still an active woodworker. I am in my shop nearly every day during the week, and I still have a lot of projects that I want to do. My project content has changed, as I no longer can wrestle with plywood sheets, but I make a lot of case work projects and scroll saw intarsia. My hand tools sit on the shelf waiting the beck and call, as each project evolves. I have begun to sell off, or give away, some of the tools that I no longer use, and I have also started cleaning out the herd of the many extras/duplicates that I have accumulated over the years. When the time comes that I will no longer be able to work in the shop, I will then dispose of my tools. Should something happen to me in the meantime, the LOML and the kids know what to do with my possessions."

"My exit plan is straightforward: Stop buying any more tools when I turn 60 and start selling my tools at 65 or 70, as I don't think I'll be interested in making projects in my late 70s. Depending on how long the hand tool fad lasts, I may sell the hand tools first, as power tools (good ones) always have demand."

"One thing I would say is, don't lift stuff. There are all kinds of cheap tools, available for lifting stuff. Get some of them early; it makes life a lot easier."

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WHAT'S NEW

ADJUSTABLE CLAMP LIQUIDATES

For more than a century, **The Adjustable Clamp Company** has served the woodworking industry by supplying quality clamping products, under the trades names of **Pony Tools** and **Jorgensen**. Last summer, it attempted to broaden its market by acquiring **Easy Wood Tools**, the developer of replaceable carbide cutter woodturning tools.

The future of all these proud brands has become uncertain, after the company's Board, on June 1, voted to cease operations and liquidate assets to pay creditors. Cited for this action were significant cash flow issues, inability to control costs and manage inventory, and the challenge to integrate the recent acquisition of Easy Wood Tools. A Trustee has been assigned to solicit bids.

CALIFORNIA TO TIGHTEN DUST RULES

The **California Occupational Health & Safety Administration** is moving closer to reducing wood dust exposure in the workplace. The new rules would reduce wood dust 8-hour average exposure from 5mg/cubic meter to 1mg/cubic meter for most hardwoods and softwoods and 10mg/cubic meter to 5 mg/cubic meter for Western Red Cedar (Redwood), in a 15 minute exposure. The state "believes that employees in the wood manufacturing industry in California will benefit from improved respiratory health, as a result of the adoption of these amended PELs." However in the recent comment period, a number of wood product associations argued that such restrictions would be too costly for most companies. Final action is expected soon.

BLACK DOG FURNITURE PAINT

Woodcraft has partnered with **Black Dog Salvage**, stars of the reality DIY television series *Salvage Dawgs*, on a new line of furniture paint and topcoat. Black Dog Salvage, a prominent architectural salvage company based in Roanoke, VA, developed the paint for the furniture that they build from salvaged materials, after being dissatisfied with other products on the market. These water-based interior paints cover most surfaces in a single coat and dry fast to a smooth matte finish, while the *Topcoat Paint Protector* is a water-based, interior poly/acrylic designed as a durable, self-leveling protective finish coat. These products are available exclusively at Woodcraft and Black Dog Salvage. For info, visit the website: www.woodcraft.com.

RECALL NOTICES

Bosch is recalling its 4.4" *Angle Grinder* (1380), with date codes 502 through 511. The grinder can overheat while in use, causing the brush covers to melt and expose the end of the brush holder. Consumers should immediately stop using the recalled grinders and contact Bosch at: (844) 552-6724.

Mirka is recalling its 3", 5", and 6" CEROS compact electric random orbital sanders, sold between January, 2013-March 2016. There have been reports of electrical shorting, causing sparks and smoke. Consumers should immediately stop using the recalled sanders and contact Mirka for a free replacement at: (800) 843-3904

TULSA BISHOP MAKES OWN STAFF

On June 29, **Fr. David Konderla** was ordained and installed as the Catholic Bishop of Tulsa, OK. Being a woodworker, he took it upon himself to craft his own crosier, the hooked staff that symbolizes his pastoral function in the Church.

"Every Jedi has not completed his training, until he's made his own light saber that he uses to fight evil with—so this is my light saber," says the new Bishop. To add special meaning, he used wood from trees on the Texas A&M University campus, where he served as Director of Campus Ministry.

He viewed creating his own crosier as "fitting and reflective of the beauty God creates in the world." He looks forward to continuing his woodworking hobby in the Bishop's Residence in Tulsa.



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WHAT'S NEW

ROCKLER TO OFFER PROTECTION

Rockler Woodworking is teaming up with the **Bankers Warranty Group** of St. Petersburg, FL to introduce service contracts, available to buyers of its woodworking and hardware tools. The *Rockler Protection Plan* offers accidental damage coverage, immediately upon purchase of the tool, and extends the manufacturer's warranty for 1 or 2 years. All parts and labor for any repairs are covered, with no deductibles, and if the tool is not repairable, it will be replaced. For info, visit the website: www.rockler.com/rockler-protection-plan or inquire at your local Rockler store.

BOOK DETAILS MALOOF HOUSE MOVE

If you are familiar with **Sam Maloof**, you are likely aware that his 5-acre residence and studio is a work of art and listed in the National Register of Historic Places. However its existence was threatened in the late 1990s by being located in the path of the extension of Southern California's 210 Freeway. The solution was to move the sprawling complex and its contents to a hillside property, three miles away.

In the new book *Moving Sam Maloof: Saving an American Woodworking Legend's Home & Workshops*, project construction manager and architect **Ann Kovara** recounts the extraordinary effort to relocate and preserve the compound, telling how progress and tradition, public needs and private lives, managed to reach an accord. Published by Schiffer Publishing, this 128-page book features the detailed story, with 120 images. This book is available at www.schifferbooks.com or at your favorite bookseller.

LATHE PRIZE DONATED TO VET

San Diego woodturner **Brian Saunders** won the *Grand Prize* at the *Penturner's Rendezvous*—on the eve of the *Utah Woodturning Symposium* in May—and he is giving his award of a Rikon mini-lathe, donated by Woodcraft, to a wounded warrior.

Brian participates in the **San Diego Woodturners' Turn Around for Vets**, which assists military personnel in their recovery from battlefield injuries by learning to turn wood (see *Woodworker West*, Nov. 2015). Woodturning has been found to offer psychological therapy, while the physical injuries heal.

"My wife Pat and I each have a midi-lathe that we use extensively and a larger lathe that we share," Brian said. "Because we already have three lathes, I have donated this Rikon lathe to a veteran, who plans to continue woodturning after he leaves the hospital. Many soldiers have told us that woodturning has made a huge difference in their lives—their injuries seem diminished, and while turning, the ugly memories don't intrude."

About 50 members of SDWT are actively involved in the *Turn Around for Vets* project, and Brian and his wife have volunteered at the Wounded Warrior Battalion at Camp Pendleton and at the Aspire Center for several years. Brian adds that "many of the students have expanded from pen turning to other forms of turnings—bowls, boxes, vases, etc., and our members teach and monitor these activities."

For info on the SDWT's *Turn Around for Vets*, visit the website: www.sdwat.org/other/docs/TAV.pdf.

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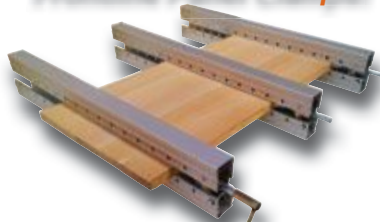
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OPPORTUNITIES

NICHE CRAFTSMANSHIP AWARDS

Niche magazine seeks entries for its 2017 *Niche Awards*, a national competition, recognizing quality work by craftsmen showing in galleries and retail stores. There are 36 professional categories and 16 student categories, including: *Cabinetry, Tables/Seating, Carved/Turned, Traditionally-Joined Wood, Paint/Color Wood, Teapots, Recycled, Clocks, and Home Furnishings*. Work is judged on technical excellence (both in surface design and form); a distinct quality of unique, original, and creative thought; and market viability (professional entries only). Entry deadline is Aug. 22. For info, visit: www.nicheawards.com, or call: (410) 889-2933 x206.

MATERIALS HARD & SOFT

The **Greater Denton Arts Council** hosts its 30th annual *Materials: Hard & Soft* exhibition, Feb. 3-May 6, at its Center for the Visual Arts in Denton, TX. This juried competition is going international, featuring craft work in metal, fiber, clay, glass, paper, and wood. Pieces are selected in terms of craftsmanship and innovation. The entry deadline is Sept. 30. For info, visit the web site: www.dentonarts.com or call: (940) 382-2787.

AAW SYMPOSIUM DEMONSTRATORS

The **American Association of Woodturners** are holding their 31st annual international symposium—June 22–25, 2017—in Kansas City, MO. Demonstration applications are being accepted thru Aug. 1. For info, visit the website: www.woodturner.org/?page=2017CallDemonstrator or call: (651) 484-9094.

ARTISTRY IN WOOD

The 27th annual *Artistry in Wood* will be held Sept. 17–Oct. 9 at the Sonoma County Museum in Santa Rosa, CA. Sponsored by the **Sonoma County Woodworkers**, this exhibit is open to all woodworkers, though non-members must join the club to enter. Competition categories are *Furniture, Turning, Art, and Miscellaneous*. Delivery date is Sept. 8, and judges will select category awards and *Best of Show*. For info, visit the website: www.sonoma-woodworkers.com or call **Scott Clark**, (707) 578-0331.

ANDREU DESIGN COMPETITION

Spanish furniture manufacturer **Andreu World** sponsors the 16th annual *Andreu World International Design Competition*. Open to both students and professionals, the challenge is to design an innovative chair and/or table. U.S. entry deadline is Nov. 9, sent to Andreu's showroom in Chicago, whereby projects will be forwarded to Spain. The submission would consist of a prototype model (scale 1:5), synopsis, and visuals. Two cash prizes (totaling \$5,500) will be awarded, with the possibility of production. For info, visit the web site: contest.andreuworld.com.

FUR, FEATHERS & FINS

The **Annmarie Sculpture Garden & Arts Center** in Dowell, MD hosts *Fur, Feathers & Fins: Our Faithful Pets*, Oct. 7-Jan. 29. Open to all media, this show explores the wide world of pets. Entry deadline is Aug. 10, and cash prizes will be awarded. For info, visit the website: www.annmariegarden.org or call: (410) 326-4640.

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OPPORTUNITIES

HAWAII'S WOODSHOW 2016

The 22nd annual *Hawaii's Woodshow* takes place at the Honolulu Academy of Arts, Sept. 17-Oct. 2. Sponsored by the **Hawai'i Forest Industry Association**, this exhibit showcases the finest workmanship, utilizing Hawaiian-grown tree species. Work is sought in *Furniture, Turning, Musical Instruments, Sculpture, Open, Novice, and Student*. The entry deadline is Aug. 12. For info, visit the web site: www.hawaiiiforest.org or call **Marian Yasuda**, (808) 221-5171.

MINECK FURNITURE FELLOWSHIP

The **Society of Arts and Crafts** in Boston offers the *John D. Mineck Furniture Fellowship* to support a young-in-career furniture artist. The grant of \$25,000 can be applied towards fulfilling an apprenticeship, developing skills, and/or making the transition to independence. Recent past recipients have included **Vivian Beer, Kimberly Winkle, and Sarah Marriage**. Entry deadline is in September. For info, visit the website: www.societyofcrafts.org or call: (617) 266-1810.

MESA CONTEMPORARY CRAFTS

Mesa Contemporary Arts in Mesa, AZ hosts its 38th annual *Contemporary Crafts* exhibition, Feb. 10-Apr. 23. Open to craft in all media, cash awards of \$2,000 will be presented, as well as a solo exhibition opportunity. Entry deadline is Oct 21. For info, visit the web site: www.mesaartscenter.com or call: (480) 644-6560.

A SHOW OF HEADS

The **Limner Gallery** in New York City hosts *A Show of Heads*, Oct. 20–Nov. 19. Open to all artists working in any media, this exhibition will include all interpretations and portrayals of the human head, from the traditional to the abstract and conceptual. Entry deadline is Aug. 31. For info, visit the website: www.slowart.com/prospectus/head.htm.

2016 CALIFORNIA OPEN EXHIBITION

The **TAG Gallery** in Santa Monica, CA hosts its 2016 *California Open Exhibition*, Aug. 10-26. Open to all U.S. artists, work being accepted includes sculpture in all media. Entry deadline is July 3, and cash awards total \$1,750. For info, visit the web site: www.taggallery.net or call: (310) 829-9556.

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BAMBOO COMPETITION

The **American Bamboo Society** seeks entries for its 2016 *Annual Arts & Crafts Competition*. This biennial contest distributes \$1,400 in cash awards for the most creative achievement and innovative work using bamboo as a material or design motif. The entry deadline is July 15. For info, visit the web site: www.bamboo.org/wp/artsandcrafts/ or email: artsandcrafts@bamboo.org.



A 2014 American Bamboo Society competition winner, **Melinda Ramos** of Cincinnati, OH incorporates bamboo in her work to accentuate the Asian influence. In her *Wedding Box*, bamboo is used to decorate the front panel.

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OPPORTUNITIES



Zach Malcolm
(Portland, OR)
Coffee Table
Claro Walnut,
Chinquapin, glass, steel
(22" h, 48" w, 15" d)



Paul Maupoux
(Seattle, WA)
Foosball Table
Beech, Khaya, acrylic
(52" h, 58" w, 36 3/8" d)



Daniel Anderson
(Tumwater, WA)
Lineage Baby Cradle
Ash, Mahogany
(21" h, 36" w, 29" d)

NORTHWEST GALLERY 'RISING STARS'

Northwest Woodworkers' Gallery (formerly *Northwest Fine Woodworking*) in Seattle, WA hosted its 8th annual *Rising Stars Furniture Makers* exhibition, in April and May. This annual event showcases a juried selection and diverse gathering of local and inspirational studio furniture designs from the region's newest generation of talented woodworking artists.

This year's show featured work by five artists: **Daniel Anderson, Carol Jackson, Zach Malcolm, Kevin Richardson,** and **Kevin Richardson.**

The *Honor of Distinction Award* was presented to **Zach Malcolm** of Portland, OR. His *Coffee Table* is a retro design, with Claro Walnut joined to show continuous grain. His reward is a solo exhibition in the gallery.

The Northwest Woodworkers Gallery is located at 2111 1st Ave., Seattle, WA, and additional pictures from the show can be seen by visiting the website: www.nwwoodgallery.com. For more info, call: (206) 625-0542.



Carol Jackson
(Eugene, OR)
Suspended Cubes
Ash, Cherry,
aluminum, glass
(40 1/4" h, 45" w, 15" d)

Kevin Richardson
(Seattle, WA)
Wedge Coffee Table
Maple, Wenge
(17" h, 48" w, 24" d)



OPPORTUNITIES

WOODWORKING AT STATE FAIRS

Many state and county fairs offer woodworking competitions/exhibitions in a hobby division, if not in fine art. Below are some of the upcoming *Call for Entries*:

The **Alaska State Fair** in Anchorage, AK—Aug. 25-Sept. 5—offers competitions in *Woodworking, Woodturning, Woodcarving, Scrollsaw, and Diamond Willow*. Entry deadline is Aug. 2-13. For info: www.alaskastatefair.org or call: (907) 232-0081.

The **Oregon State Fair** in Salem, OR—Aug. 26-Sept. 5—conducts wood competitions in *Furniture, Carving, Marquetry, Turning, Intarsia, Fretwork, and Woodburning*. Fine wood art may also be entered in the *Oregon Art Annual*. Entry deadline is Aug. 16. For info: www.oregonstatefair.org or call: (971) 701-6571.

The **Colorado State Fair** in Pueblo, CO—Aug. 26-Sept. 5—has wood competitions in *Turning, Furniture, Scrollsaw, Carving, Toys, Clocks, and Fine Art*. Entry deadline is July 27. For info, visit the web site: www.coloradostatefair.com or call: (719) 404-2080.

The **New Mexico State Fair** in Albuquerque, NM—Sept. 8-16—offers competitions in *Woodworking, Woodcarving, Woodturning, and Fine Craft*. Delivery date is Aug. 28-29. For info: www.exponm.com or call: (505) 222-9706.

The **Washington State Fair**—Sept. 2-25—offers competitions in various *Woodcarving* and *Sculpture* (Fine Arts) categories. Entry deadline is Aug. 26-27. For info: www.thefair.com or call: (253) 841-5074.

The **Utah State Fair**—Sept. 8-18—offers competitions in various *Woodcarving* and *Woodworking*. Entry deadline is Aug. 26-27. For info: www.utahstatefair.com or call: (801) 538-8400.

The **Oklahoma State Fair**—Sept. 15-25—hosts competitions in *Woodworking* and *Woodcarving*. Entry deadline is Aug. 15. For info: www.okstatefair.com or call: (405) 948-6731.

The **Texas State Fair** in Dallas, TX—Sept. 30-Oct. 23—provides woodworking competitions in *Turning, Carving, Inlay, Chests & Boxes, Sculpture, Birdhouses, Fretwork, and Other*. Entry deadline is July 22. For info: www.bigtex.com or call: (214) 421-8744.

The **Arizona State Fair** in Phoenix, AZ—Oct. 7-30—presents *Woodworking, Turning, Carving, and Inlay*. Entry deadline is Sept. 4. For info: www.azstatefair.com or call: (602) 252-6771.

NW GALLERY 'BOX & CONTAINER SHOW'

Northwest Woodworkers' Gallery in Seattle, WA hosts its 37th annual *Box and Vessel Show*, during the holiday season of November-December. This show features unique functional and decorative wood objects—which can contain something—by artists from throughout North America. Entry deadline is Sept. 30. Cash prizes will be awarded, and pieces will be available for sale. For info, visit the web site: www.nwwoodgallery.com or call: (206) 625-0542.

HAWAI'I CRAFTSMEN

The **Hawai'i Craftsmen** host their 49th annual *Statewide Juried Exhibition*, Oct. 25-Nov. 13, at the Honolulu Museum of Art School. The exhibit is open to all craft media by artists living on the islands. Registration will be available Sept. 1-Oct. 1, with jurying intake taking place on each island, Oct. 16-20. For details, visit the website: www.hawaiicraftsmen.org or call: (808) 521-3282.

INTERNATIONAL TURNING EXCHANGE

The **Center for Art in Wood** 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: 923-8000.



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OPPORTUNITIES

CSAW HARDWOOD DERBY

The **Cerritos College Student Association of Woodworkers** is organizing its inaugural *Hardwood Derby*, Oct. 1, on the Norwalk, CA campus. Open to all woodworkers, there will be two competitions: *Gravity Races*, competitor-built foot-long cars (max. 2 lbs.) racing down a 40-foot track, and a *Car Show* exhibition. Early registration is Aug. 15-Sept. 19, and three awards will be presented in each competition category. For info, visit the website: www.cerritos.edu/wood.

SCANDINAVIAN ARTS FELLOWSHIP

The **American-Scandinavian Foundation** seeks applications for fellowships and grants to study or research in one or more Scandinavian countries for up to one year. This is a great opportunity to study design and furnituremaking at schools in Sweden, Norway, Denmark, Finland, and Iceland. Submission deadline is Nov. 1. For information, visit the website: www.amscan.org or call: (212) 879-9779.

CRAFT FORMS 2016

The **Wayne Art Center** in Wayne, PA is soliciting submissions for its 21st annual *Craft Forms* exhibition, Dec. 2-Jan. 28. This international juried event showcases American craft in all media, including wood, and over \$8,000 in prizes and exhibition opportunities will be awarded. Entry deadline is Sept. 14. For info, visit the website: www.craftforms.org or call: (610) 688-3553.

PORT TOWNSEND WOOD SHOW

The **Splinter Group of Port Townsend** hosts its 8th annual *Port Townsend Woodworkers' Show*, Nov. 5-6, at the American Legion Hall in Port Townsend, WA. Work is being solicited from local furniture and cabinetmakers, instrument and bow makers, boatbuilders, lamp makers, turners, and carvers. Entry deadline is Sept. 1. For info, visit the website: www.splintergroup.org or call: **Tim Lawson**, (360) 344-4455.

ARTS & CRAFTS DESIGN AWARD

The *Arts & Crafts Design Award* is an annual international design competition, presented on the Internet. Open to professional, amateur, and student craftspeople, it focuses on ideas and design concepts, in all media. In 2015, there were 225 international participants, and 45 were selected for honors, including *Certificates of Excellence* going to turned wood artists **Ron Fleming** of Tulsa, OK and **Kristin LeVier** of Moscow, ID. The 2016 entry deadline is Dec. 15, and cash prizes will be awarded. For info, visit the website: www.acd-award.com.

ALL THINGS WILD

The **Foundry Art Centre** in St. Charles, MO presents *All Things Wild*, July 15-Aug. 25. Work, in all media, is sought, displaying the joy of the animal kingdom. Delivery dates are July 8-10. For info, visit the website: www.foundryartcentre.org/circus/ or call: (636) 255-0270

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OPPORTUNITIES

LINES INTO SHAPES

The **Art Center of Estes Park** in Estes Park, CO hosts its 20th annual *Lines Into Shapes* exhibition, Oct. 29-Nov. 12. This multi-media show is accepting wood submissions in the *Sculpture & Wood* category. Entry deadline is Aug. 29, and \$4,000 in prizes will be awarded. For a prospectus, visit the web site: www.artcenterofestes.com or call: (970) 586-5882.

HAWAII COMMITMENT TO EXCELLENCE

The **Honolulu Japanese Chamber of Commerce** seeks entries in all media for *Commitment to Excellence*, Aug. 9-18. This 38th annual art exhibit features works in all media by Hawaiian residents. Entries are being accepted on Aug. 2-3. Over \$2,000 in prize money will be awarded. For info, visit the web site: www.honolulu-japanese-chamber.org or call: (808) 949-5531.

LA QUINTA ARTS FESTIVAL

The **La Quinta Arts Festival**—held outside Palm Springs, CA—is rated as among the finest festivals in the country. This multimedia event, Mar. 2-5, features 230 of the nation's foremost contemporary artists, including a dozen woodworkers. Entry deadline is Sept. 30. For info, visit the website: www.lqaf.com or call: (760) 564-1244.

ALL ABOUT BUILDING

The **Ciel Gallery** in Charlotte, NC presents *Build*, Oct. 7-29. This exhibition will focus on design, structure, and the process of building, to include both the functional and the whimsical, mechanical, stick-built, or ethereal. Entry deadline Aug. 21, and *Best in Show Award* is \$500. For info, visit the website: www.cielcharlotte.com or call: (704) 496-9417.

SACRED & PROFANE

The **Arc Gallery** in San Francisco, CA hosts a national juried exhibition, *Sacred & Profane*, Nov. 12-Dec. 10. This multimedia show asks artists to explore the concepts of sacred and profane. Entry deadline is Sept. 11. For info, visit the web site: www.arc-sf.com or call: (415) 298-7969.

ALL COLORADO SHOW

The historic **Depot Art Gallery** in Littleton, CO hosts its 33rd annual *All Colorado Show*, Aug. 2-28. This multi-media exhibit includes sculpture. Entry deadline is July 15. For info, visit the website: www.depotartgallery.org or call: (303) 795-0781.

TEXAS FURNITURE MAKERS SHOW

The **Kerr Arts & Cultural Center**, in Kerrville, TX, hosts its 16th annual *Texas Furniture Makers Show*, Oct. 27-Dec. 3. This exhibition attempts to promote the visibility and improve the art and craft of Texas furnituremakers. Entry deadline is Sept. 1. Entry forms and additional info are available on the web site: www.kackerrville.com or call: (830) 895-2911.

WORKS IN WOOD

The **New Hope Arts Center** in New Hope, PA hosts its annual *Works in Wood*, Nov. 12-Dec. 17. This annual exhibit features functional works, studio furniture, turnings, constructions, sculpture, and vessels. Entry deadline is Oct. 1. For info, visit the web site: www.newhopearts.org or call: (215) 862-9606.

PLATES & TOTEM POLES SHOW

The **Blue Line Gallery** in Roseville, CA presents its 6th annual *Plates & Totem Pole Show*, Oct. 7-Nov. 19. This show features over 115 plates and totems from California artists, who will present traditional forms in non-traditional ways. Entry deadline is Sept. 7. For info, visit the website: www.bluelinearts.org/plates.html or call: (916) 783-4177.

WEARABLE EXPRESSIONS

The **Palos Verdes Art Center** hosts the 7th international *Wearable Expressions Juried Exhibition*, Jan. 20-Apr. 16. This exhibit features wearable art designed for the human body, encouraging innovative materials and techniques in all media. Entry deadline is Oct. 1, with over \$20,000 in awards. For more info, visit the website: www.wearableexpressions.com.

IN YOUR DREAMS

The **Marin Society of Artists** hosts *In Your Dreams*, Sept. 29-Oct. 29. This national juried show features work, in all media, related to dreams. Entry deadline is Aug. 19, and cash awards will be presented. For info, visit the website: www.marinsocietyofartists.org or call (415) 454-9561.

WOOD-MIZER BUSINESS BEST AWARD

Every two years, **Wood-Mizer** hosts the *Business Best Contest*, to spotlight how sawmill owners operate their businesses. Entry deadline is July 31, and \$12,250 in prize credits will be awarded among winners in three categories. For info, visit the website: www.woodmizer.com/Store/BusinessBest/index.

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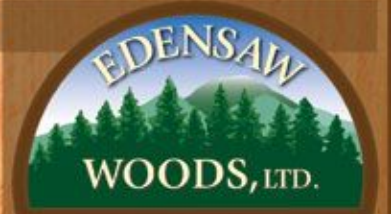
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DESIGN IN WOOD

Photos: Andrew Patterson



Ken Cowell
(Yorba Linda, CA)
Tree of Life
Mahogany, Ebony,
White Oak
(50" h, 73" w, 21" d)

Paul Schürch
(Santa Barbara, CA)
Maple Gown
Figured Maple
(65" h, 20" w, 18" d)



Bill Churchill
(Anaheim, CA)
Reflections
Poplar
(35" h, 12" w, 9" d)

Joe Von Arx (Sacramento, CA)
Art Nouveau Jewelry Case
Bass, Rosewood, Walnut,
Red Gum, Clear Fir
(24" h, 16" w, 6" d)

The 35th annual *Design in Wood Exhibition*, held in conjunction with the **San Diego County Fair**, continues to be one of the prime showcases of wood craftsmanship in the U.S. Sponsored by the **San Diego Fine Woodworkers**, this show received nearly 400 entries from across the country, with 368 pieces on display in 25 different categories.

Best of Show was awarded to **Ken Cowell** of Yorba Linda, CA for *Tree of Life*. This finely crafted chest of drawers features a marquetry tree branch with blossoms, across the front. Another big winner was former show director **Robert Stevenson** returning to the competition, garnering awards for each of his three Federal-style inspired pieces, including *Best Traditional* and *Best Period Furniture*.

Other top prizes were awarded to **Thomas Starbuck Stockton** (Montgomery Creek, CA), *Design*; **James Frantz** (San Diego, CA), *Joinery*; **Christopher Purnell** (Colorado Springs, CO), *Technical Excellence*; **Joe Von Arx** (Sacramento, CA), *Master Trophy*; and **Michael Rumsey** (San Diego), *Sponsor's Choice*.

The exhibition continues thru July 4, as well as voting for the *Woodworker West People's Choice Awards*. On-going throughout the show are demonstrations of a variety of woodworking techniques. In the *19th Century Cabinetmaker's Shop*, traditional hand tools are being used to build children's chairs for area charities. The San Diego County Fair is located in Del Mar, CA, just off the 5 Freeway at Via de la Valle. For info, visit the website: www.sdfair.com or call: (858) 755-1161.



Steven Rogers
(Escondido, CA)
Greene & Greene Curio Cabinet
African Mahogany,
Ebony
(25" h, 59" w, 10" d)



DESIGN IN WOOD



Ed Zbik
(San Diego, CA)
Silver Maple Hollow Vase
Spalted Silver Maple
(10 1/2" h, 5" dia.)

Robert Stevenson
(Chula Vista, CA)
Federal Game Table
Spanish Mahogany,
Primavera crotch,
Ebony, Holly
(30" h, 36" w, 18 1/2" d)



The winners (from California unless otherwise stated) are:

CONTEMPORARY FURNITURE—(1) **William Bardick** (Temecula), *6-Drawers & a Mirror*; (2) **Todd Bradlee** (Bishop), *85 lb. Dresser*; (3) **Chance Coalter** (San Diego), *Acacia*. **CONTEMPORARY ACCESSORIES**—(1) **Tom Thornton** (Oceanside), *Jewelry Box*; (2) **Paul Schürch** (Santa Barbara), *Lizzy Tray*; (3) **Brian Hubel** (Colorado Springs, CO), *Panaea*. **TRADITIONAL FURNITURE**—(1 & 3) **Robert Stevenson** (Chula Vista), *Federal Game Table & Federal Dressing Table*; (2) **Gary Russell** (Oceanside), *Serpentine 4-Draw Chest*. **TRADITIONAL ACCESSORIES**—(1) **Robert Stevenson** (Chula Vista), *Federal Dressing Glass*; (2) **Joe Von Arx** (Sacramento), *Art Nouveau Jewelry Case*; (3) **Michael Rumsey** (San Diego), *First Swim*.

ART FURNITURE—(1) **Daniel Herbst** (Chula Vista), *Land, Water & Air*; (2) **Jeff Brubaker** (Oceanside), *Surfboard Table*; (3) **Alan Johnson** (San Pedro), *Ongoing Conversation*. **FURNITURE BY COMPUTER/CNC**—(1) **David A. Wade** (Upland) *Wave Table*; (2) **Beston Barnett** (San Diego), *Mamluk Book Stand*; (3) **Michael Flynn** (San Diego), *Knotty Bush*. **VENEERING/MARQUETRY (Furniture)**—(1) **Ken Cowell** (Yorba Linda), *Tree of Life*; (2) **Paul Schürch** (Santa Barbara), *Fish Table*; (3) **Lee Covill** (Oceanside), *Edge of the World Table*. **VENEERING/MARQUETRY (Art)**—(1) **Paul Schürch** (Santa Barbara), *Maple Gown*; (2) **Daroush Ababaf** (Plano, TX), *Thinking*; (3) **Stephen Knight** (El Cajon), *Two Peacocks*. **VENEERING/MARQUETRY (Computer)**—(1) **Robert Stafford** (San Diego), *Night Surfing*; (2) **Anand Patel** (Orange), *Insurmountable Obstacle*.

Christopher Purnell
(Colorado Springs, CO)
Bonsai
Walnut, Ebony
(18 1/2" h, 32 1/4" w, 18" d)



William Gourlay (Anaheim, CA)
La Emperatriz
Brazilian Rosewood, European
Spruce, Spanish Cedar, Ebony,
Holly, veneers
(39 1/2" l, 14 1/2" w, 4 1/2" d)



WOODTURNING (Face Work)—(1) **Pete Campbell** (Temecula), *Burley Mcburlface*; (2) **Mike Jackofsky** (Escondido), *Buckeye Burl Vessel*; (3) **Ed Zbik** (San Diego), *Walnut Egg Bowl*. **WOODTURNING (Center Work)**—(1) **Ed Zbik** (San Diego), *Silver Maple Hollow Vase*; (2) **Sally Ault** (San Diego), *Growing*; (3) **Phillip Stivers** (Escondido), *Burl-Eyes*. **WOODTURNING (Embellished/Mixed Media)**—(1) **Mike McElhiney** (Azusa), *Tajma Jewelry Box Too*; (2) **Jan Greenwald** (Fallbrook), *Three for One*; (3) **Oskar Kirsten** (San Diego), *Natural Edged Red Burst*. **WOODTURNING (Laminated/Segmented)**—(1) **Ed Zbik** (San Diego), *Hopi No. 3*; (2) **Kyle Toth** (Temecula), *The Torus*; (3) **David Leasure** (Yorba Linda), *Deco Vase*.

William Bardick
(Temecula, CA)
Six Drawers and a Mirror
Mahogany, Maple, Purple Heart
(76" h, 25" w, 19" d)



DESIGN IN WOOD



Thomas Starbuck Stockton
(Montgomery Creek, CA)
Walnut Buffet
Claro Walnut, Ebony,
abalone
(35" h, 42" w, 16" d)



Joe Satake
(Carlsbad, CA)
Duck
Tupelo
(6" h, 11" w, 5" d)



Robert Kerr
(Temecula, CA)
Arts & Crafts Mantel Clock
Red Oak, Walnut
(17 1/8" h, 12" w, 6" d)



Tom Thornton
(Oceanside, CA)
One Drawer Jewelry Box
Pau Amarillo,
Redwood burl,
Bloodwood,
Purpleheart
(6 3/4" h, 15" w, 10 3/4" d)

Mike McElhiney
(Azusa, CA)
Tajma Jewelry Box Too
Maple, Camphor,
Cocobolo
(18" h, 18" w, 13" d)



CLOCKS—(1) **Robert Kerr** (Temecula), *Arts & Crafts Mantel Clock*; (2) **Jonathan Freyer** (La Mesa), *Clock Lamp*; (3) **Jon Von Arx** (Sacramento), *Urchin Clock*. **MADE FOR CHILDREN**—(1) **Jack Boggio** (Fallbrook), *Getting Ready for Christmas*; (2) **Michael Rumsey** (San Diego), *Looking for Alice*; (3) **Ralph Crowther** (Mission Viejo), *Buddy Bear*. **MUSICAL INSTRUMENTS**—(1) **William Gourlay** (Anaheim), *La Emperatriz*; (2) **James Almanzar** (Yorba Linda), *Catch of the Day*; (3) **Josh Stotler** (San Diego), *Curiouser & Curiouser*.

MODEL (Scale)—(1) **William Norris** (Santee), *Sovereign of the Seas*; (2) **Mike Lonnecker** (Po-way), *Concord Coach*; (3) **Richard Gross** (Las Vegas, NV), *Solterette*. **MODEL (Not-to-Scale)**—(1) **Kenneth Casey** (San Diego), *Miss T Flower Wagon*; (2 & 3) **Lewis Leithner** (Santee), *School Bus & 1976 Clanet Sportscar*.

WOODCARVING (Animals)—(1) **William Churchill** (Anaheim), *Kitty, Kitty*; (2) **Bob Marnul** (San Diego), *Fidosaurus*; (3) **Ray Camien** (Fallbrook), *Jack Rabbitt*. **WOODCARVING (Birds)**—(1 & 2) **Joe Satake** (Carlsbad), *Duck & Two Ducks and One Owl*; (3) **Judith Farley** (Lakeside), *Anna Hummingbird*. **WOODCARVING (Marine Animals)**—(1) **Jack Lamare** (Bonsall), *Sea Turtle 2016*; (2) **Steve Sisson** (Pasadena), *Food for Thought*. **WOODCARVING (Human Form)**—(1 & 2) **William Churchill** (Anaheim), *Reflections & Apache*; (3) **Lorenzo Focerrada** (San Diego), *Califa's Realm*. **WOODCARVING (Open)**—(1) **Bradley Copeland** (Riverside), *Chip Carving*; (2) **Bob Rosenfield** (Long Beach), *Untitled*; (3) **Don Hubbard** (Carlsbad), *Matters of the Heart*.

SCROLL SAW (Intarsia)—(1) **Chuck Collins** (Orange), *Stormy*; (2) **David Roth** (Overland Park, KS), *Intarsia Lion*; (3) **Kathy Wise** (Emmett, MI), *Yorkshire Terrier*. **SCROLL SAW (Fretwork)**—(1) **Leo Killian** (Santee), *The Four Seasons*; (2 & 3) **Bill Goldschneider** (San Diego), *Goldie & Book Stand*.

DESIGN IN WOOD



Daniel Herbst (Chula Vista, CA)
Land, Water, and Air
Blue Gum Eucalyptus, steel
(18" h, 60" w, 14" d)



David A. Wade (Upland, CA)
Wave Table
Walnut
(29" h, 42" w)

FINE WOODWORKING: Best of Show—Ken Cowell (Yorba Linda) *Tree of Life*. **POPULAR WOODWORKING: Best Furniture Design**—Thomas S. Stockton (Montgomery Creek), *Walnut Buffet*. **WOODWORKER'S JOURNAL: Excellence in Joinery Techniques**—James Frantz (San Diego), *California Tansu*. **MASTER WOODWORKER'S TROPHY**—Joe Von Arx (Sacramento), *Art Nouveau Jewelry Case*.

SPONSOR'S CHOICE PERPETUAL TROPHY—Michael Rumsey (San Diego), *First Swim*. **SOCIETY OF AMERICAN PERIOD FURNITURE MAKERS**—Robert Stevenson (Chula Vista), *Federal Dressing Table*.

ROBERT AND JANET STEVENSON AWARD for Technical Excellence and Innovation—Christopher Purnell (Colorado Springs, CO), *Bonsai*. **S.D. FAIR THEME AWARD**—Jeffrey Comulada (Fallbrook), *Time Machine Desk*. **APOLLO SPRAYERS EXCELLENCE IN FINISHING: Contemporary Furniture**—William Bardick (Temecula) *6-Drawers & a Mirror*; **Traditional Furniture**—Thomas S. Stockton (Montgomery Creek), *Walnut Buffet*; **Art Furniture**—Jeff Brubaker (Oceanside), *The Duke Meets George Jetson*; **Musical Instruments**—Josh Stotler (San Diego), *Curiouser and Curiouser*.

S.D. FINE WOODWORKERS AWARDS: Excellence in Woodworking—(1) Ken Cowell (Yorba Linda) *Tree of Life*; (2) Lorenzo Focerrada (San Diego), *Califa's Realm*; (3) Tony Tait (Poway), *Hall Table*. **Outstanding Woodworking**—(1) Steven Rogers (Escondido), *Greene & Greene Curio Cabinet*; (2) Roger Wiggins (La Jolla), *Flossie's Desk*; (3) Richard Babbitt (Friday Harbor, WA) *Vino de Primo*.

S.D. WOOD TURNERS ASSOCIATION AWARDS: Center Work—Sally Ault (San Diego) *Growing*. **Embellished/Mixed Media**—Karen Freitas (Vista), *Topsy Turvey*. **Face Work**—Mark Jacobson (Escondido), *Myrtle Bowl*. **Laminated/Segmented**—Tom Edwards (San Diego), *Egypt Revisited*. **New Member**—Billy Howse (San Diego), *Firey Alder*. **S.D. MARITIME MUSEUM PERPETUAL TROPHY**—William Norris (Santee), *Sovereign of the Seas*. **CAROLYN R. BERES MEMORIAL AWARD**—Leo Killan (Santee) *The Four Seasons*.

CALIFORNIA CARVERS GUILD AWARDS: Stylization Originality—Michael Rumsey (San Diego), *Looking for Alice*. **Stylization Excellence**—Lorenzo Focerrada (San Diego), *Spirit of San Elijo*. **SAN DIEGO SCROLL SAW CLUBS: Fretwork**—Michael Moran (Oceanside), *Dragon Egg*.

WOODWORKER WEST People's Choice Awards—To be announced

Michael Rumsey (San Diego, CA)
Looking for Alice
Maple, Paulownia, Redwood, Balsa,
Poplar, Wenge, Birch
(26" h, 70" w, 23 1/2" d)



Chuck Collins (Orange, CA)
Stormy
Alder, Aspen, Birch, Cedar, Cherry,
Cotton Wood, Ebony, Mahogany,
Maple, Paulownia, Peruvian Walnut
(30" h, 24" w, 1 1/2" d)



Sally Ault (San Diego, CA)
Growing
Hau, African Blackwood
(10" h, 4" dia.)



WHAT'S HAPPENING

SEGMENTING SYMPOSIUM

The 5th *Segmenting Symposium* will be held Oct. 27-30, at the Boston Marriott Quincy in Quincy, MA. This event will address all aspects of segmented woodturning, from decorative vessels to sculptural art. Covering 32 topics in rotations of demonstrations and discussions will be **John Beaver, Bob Benke, Jerry Bennett, Bruce Berger, Andy Chen, Robin Costelle, Ray Feltz, Tom Lohman, Mike McMillan, Wayne Miller, Al Miotke, Jim Rodgers, Malcolm Tibbetts,** and **Gary Wood.** In addition, there will be an *Instant Gallery*, local tours, and a Saturday night banquet. Registration deadline is Sept. 1. For the symposium brochure and registration, visit the website: www.segmentedwoodturners.org.

ORNAMENTAL WOODTURNERS

The **Ornamental Woodturners International** will hold its 2016 *Symposium*, Sept. 22-26, at the Denver-Stapleton North Doubletree Hotel in Denver, CO. This event will consist of lectures and demonstrations, covering a range of topics on ornamental turning techniques, apparatus, retrospectives, and history. For info, visit the website: www.ornamentaltturners.org.

GREAT FALLS TURNING SYMPOSIUM

The **Great Falls Woodturners** host their 2016 *Woodturning Symposium*, Sept. 24-25, in Great Falls, MT. Featured demonstrator is **Trent Bosch**, addressing vessels of illusion, carved platters, and decorative utility bowls. Symposium information is available at: www.gftturners.org or call **David Stratton:** (406) 452-3238.

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OLYMPIA WOODTURNING SYMPOSIUM

The **Woodturners of Olympia** host their 2016 *Creativity in Woodturning Symposium*, July 23, in Olympia, WA. Featured demonstrators are Canadian **Michael Hosaluk** and **Bob Espen.** Michael, known for pushing the limits in creating decorative turned wood pieces, will conduct hands-on workshops on July 24-27. For info, visit the website: www.woodturnersofolympia.org or call **George Macauley:** (360) 918-2304.

ROCKY MOUNTAIN SYMPOSIUM

The 17th annual *Rocky Mountain Woodturning Symposium* will be held Sept. 16-18, at the Ranch/Larimer County Fairgrounds in Loveland, CO. Hosted by the **Rocky Mountain Woodturners**, attendees can select from over 42 rotations, with featured demonstrators **David Ellsworth, Nick Cook, Jay Shepard, Liam O'Neill, Les Brandt,** and **Keith Gotschall.** There will also be vendors and a hands-on woodturning area. For info, visit the website: www.rmwoodturningsymposium.com or contact **Allen Jensen,** (970) 663-1868.

YELLOWSTONE TURNING SYMPOSIUM

The **Yellowstone Woodturners** host their 11th *Woodturning Symposium*, Oct. 8-9, in Billings, MT. Featured demonstrator is **Keith Gotschall**, demonstrating off-center platters, hollow forms, lidded boxes, and winged boxes. Symposium information is available at: www.yellowstoneturners.org or call **Ron Velin:** (406) 679-0902.

FROGWOOD 2016

The **Pacific Northwest Woodturning Guild** hosts its 9th annual *Frogwood 2016*, Aug. 15-21, in Gresham, OR. This collaborative event explores the fusion of woodworking with metalwork, textiles, and other art media and is geared to artisans with solid skills and a good sense of design. For info, visit the website: www.woodturningguild.com or call: **Jerry Harris,** (503) 244-6921.

WOODFEST 2016

The **Amana Arts Guild** in Amana, IA sponsors *Woodfest 2016*, Aug. 26-28, at the Amana Colonies RV Park's Event Center. This is a festival of wood and everything made of wood. On hand will be handcrafted wooden items for sale, tools and equipment, and a full slate of demos and seminars. For info, visit the website: www.amanaartsguild.com/woodfest/ or call **R.C. Eichacker** at (319) 622-3908.

TOOL SWAP MEETS

- July 10 *Rocky Mountain Tool Collectors* at **Monument, CO.** For info: Don Burd, (720) 202-1372.
- Aug. 7 *Old Tool Swap Meet* at Rockler Woodworking, **San Diego, CA.** For info: Laura Pitney, (951) 686-5825.
- Aug. 13 *P.A.S.T. Summer Show* at Veteran's Building, **Sonoma, CA.** For info: Bob Valich, (707) 545-8812.
- Aug. 19-21 *Pacific Northwest Tool Collectors 'Best in the West'* in **Seattle, WA.** For info: Bill Racine, (503) 628-1488.
- Aug. 20 *Tool Swap Meet* at Anderson Plywood, **Culver City, CA.** For info: John Arenson, (310) 397-8229.
- Sept. 3-4 *Rocky Mountain Tool Collectors* at **Castle Rock, CO.** For info: Don Burd, (720) 202-1372.
- Sept. 10 *Pacific Northwest Tool Collectors* in **Hillboro, OR.** For info: Bill Racine, (503) 628-1488.
- Sept. 10 *Old Tool Swap Meet* at Arroyo Hardwoods, **Pasadena, CA.** For info: (951) 686-5825.

HAPPENINGS

JEFF MILLER AT S.D. FALL SEMINAR

The **San Diego Fine Woodworkers** (SDFWA) will feature master craftsman, writer, and educator **Jeff Miller** at its *2016 Fall Seminar*, Sept. 16-18. On Friday evening, Jeff will discuss his career work, while demonstrating chairmaking techniques and providing insights from his many years of chair building, on Saturday and Sunday.

Jeff has been designing and building award-winning furniture in his Chicago studio for over 30 years. Although he makes a wide variety of furniture, his greatest interest is in designing and building chairs, developing more than 30 different chair designs. Jeff has written four books, frequently writes for *Fine Woodworking* and *Popular Woodworking* magazines, and teaches around the country. His next book, on designing furniture, is in the works.

Non-member registration is \$155 (\$125 for SDFWA members), which includes breakfasts and lunches (Saturday and Sunday), drinks throughout the seminar, Jeff's book *Chairmaking and Design*, and a SDFWA membership. In addition, there will be a raffle for Jeff's chair. For info, visit the web site: www.sdfwa.org or call **Ed Gladney**, (858) 484-4366.

KEZUROU-KAI USA 2016

Kezurou-Kai is the annual festival in Japan, aimed at preservation of traditional woodworking techniques. Held in a large hall, craftsmen, toolmakers, and hobbyists gather for demonstrations, hands-on experiences, sharing of knowledge, tool selling, and competitions, including planing the longest, thinnest shaving.

In 2015, *Kezurou-Kai USA* was resurrected, after lying dormant for eight years. A limited event took place, in order to build enthusiasm for a full-blown festival in 2016, with the attendance of Japanese Masters. This year's celebration is taking place Oct. 8 at Hakone Gardens in Saratoga, CA and nearby Los Gatos High School. In addition, classes with the Japanese experts are being planned. For information, visit the website: www.kezuroukai.us.

WOODWORKING IN AMERICA

Popular Woodworking magazine hosts its *Woodworking in America* conference, Sept. 16-18, outside Cincinnati, OH. Being held at the Northern Kentucky Convention Center, this event features classes, vendor marketplace, social activities, and the *Hand Tool Olympics*. The educational program consists of 48 topics, presented in nine 2-hour rotations.

Speakers include **Marc Adams, Matthew Cremona, Zach Dillinger, James Hamilton, Nancy Hiller, Caleb James, Yoav Liberman, Mary May, Raney Nelson, Wilbur Pan, Shannon Rogers, Freddy Roman, Konrad Sauer, Christopher Schwarz, Alf Sharp, Roy Underhill, George Walker, and Joe Zeh**. Full conference registration is \$485; single day fees are \$215. For info, visit the website: www.woodworkinginamerica.com or call: (877) 746-9757, option 3.

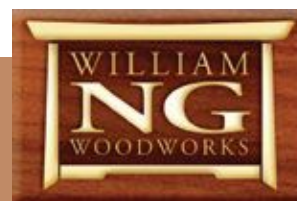
LIE-NIELSEN HAND TOOL EVENTS

Lie-Nielsen Toolworks hosts its 35th anniversary *Open House and Lobster Bake*, July 8-9, at the Lie-Nielsen Toolworks factory in Warren, ME. For specific details, visit the website: www.lie-nielsen.com or call: (800) 327-2520.

ACC NATIONAL CONFERENCE

The **American Craft Council** presents *Present Tense*, Oct. 13-15, in Omaha, NE. This 12th national conference provides a forum for the discussion of issues related to craft. For info, visit the website: www.craftcouncil.org/presenttense.

July-August, 2016



William Ng

July 11-16
Morris Chair



July 17-23
Sculpted
Rocking Chair



July 25-29
Making
Custom Cabinets



August 6-7
Tuning and Using a
Japanese Plane
with Taeho Kwon



August 22-26
Joinery
Techniques



August 28-September 4
Roubo Bench Build



August 1-5
Shaker Sewing Table
with Robert Turnbull



August 8-13
Bench w/Traditional
Eastern Joinery
with Taeho Kwon



August 15-19
Sculpted Table
with David Wade

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MORE HAPPENINGS

FINE ART WOODWORKING AT O.C. FAIR

The 17th annual *Fine Art Woodworking* exhibition will be held at the **Orange County Fair**, July 15-Aug. 17, in Costa Mesa, CA. Sponsored by the **Orange County Woodworkers**, the show received 198 entries from 76 California woodworkers.

On display in a gallery setting will be furniture, turned wood, accessories wall art, musical instruments, carvings, and sculptures. This year's *Featured Artist* is former **Sam Maloof** assistant, furnituremaker **David A. Wade**. In addition, local turners, carvers, and scrollers will be demonstrating their skills throughout the Fair. An award ceremony will be held on the evening of July 21. For info, visit the website: www.ocfair.com or call: (714) 708-1500.

KALEIDOSCOPE WEEKEND

The annual **Nellie Bly Kaleidoscope Weekend** will be held Oct. 13-15 in Jerome, AZ. This event consists of 40 different kaleidoscope workshops, several relating to wood crafted bodies. In addition, there will be meals and social events, including a costume party. For info, visit the website: www.nellieblyscopes.com or call: (928) 634-0255.

MIDWEST SCROLL SAW TRADE SHOW

The 2016 *Midwest Scroll Saw and Woodworking Trade Show* will be held, Aug. 19-20 at the Dubuque County Fairground in Dubuque, IA. This show will feature demonstrations, displays, and vendors of scrollsaw, turning, carving, fretwork, intarsia, etc. For info, visit the website: www.midwesttradeshow.com or call: (608) 348-8332.

SEATTLE WOODEN BOAT FESTIVAL

The 40th annual **Lake Union Wooden Boat Festival** will be held July 2-4 at South Lake Union Park in Seattle, WA. Various types of vessels will be on display, and a variety of maritime and boatbuilding skills will be demonstrated. There also will be toy boat building, family boatbuilding, sailing model boats on the pond, boat rides, races, and *Quick & Daring*, a competition to build a boat in 24 hours and race it. For info, visit the web site: www.cwb.org or call: (206) 382-2628.

The 40th annual **Wooden Boat Festival** in Port Townsend, WA takes place Sept. 9-11. Nearly 300 finely-crafted wooden boats will be displayed, as well as demos of boatbuilding and woodworking. In addition, there will be the 3rd annual *Edensaw Wooden Boat Building Challenge* and family boatbuilding workshops. For info, visit the website: www.woodenboat.org or call: (360) 385-3628.

TIME TO PLAN FOR IWF IN ATLANTA

The 2016 **International Woodworking Fair**—Aug. 24-27—is the major woodworking show of the year. Held at the Georgia World Congress, more than 700 companies will be on hand, exhibiting their woodworking products, supplies, and services, in addition to a full educational seminar program. For info, visit the website: www.iwfatlanta.com or call: (404) 693-8333.

ARCHITECTURAL WOODWORK

The **Architectural Woodwork Institute (AWI)** hosts its 64th annual convention, Oct. 22-25, in Kansas City, MO. This meeting draws architectural woodworkers, designers, and suppliers interested in custom millwork and casework. There will be tours of museums and manufacturing plants. For info, visit the website: www.awinet.org or call: (571) 323-3610.

CARVING & CRAFT SHOWS

- July 9-10 *Pacific Flyway Decoy Wildfowl Art Show* at Doubletree Hotel, **Sacramento, CA**. For info: Fritz Zanker, (530) 894-5951.
- July 15-17 *Olympic Driftwood Sculptors Art Show* at the Sequim Middle School, **Sequim, WA**. For info: Tuttie Peetz, (360) 683-6860.
- July 23-24 *Tokeland Wood & Art Fest*, **Tokeland, WA**. For info: Jeremy Bartheld, (360) 590-0222.
- Aug. 1-10 *Woodcarving Expo* at Sioux Empire Fair Art Center, **Sioux Falls, SD**. For info: (605) 359-7067.
- Aug. 4-6 *Carv-Fest* at Alexander Park, **Fairbault, MN**. For info: (507) 339-0336.
- Sept. 2-3 *Treasure Island Woodcarvers* at **Branson, MO**. For info: Doug Baughman, (712) 579-1457.
- Sept. 10-11 *Tri-Valley Woodcarvers Show* at Veterans' Hall, **Pleasanton, CA**. For info: Bob Kehl, (925) 443-5632.
- Sept. 10-13 *Columbia Flyway Wildfowl Show* at Water Resources Education Center, **Vancouver, WA**. For info: Don Baiar, (360) 892-6738.
- Sept. 17-18 *Central Coast Carvers* at Veteran's Hall, **Cayucos, CA**. For info: George Newell, (805) 550-4389.
- Sept. 17 *Texoma Woodcarvers Show* at Kidd-Key Auditorium, **Sherman, TX**.
- Sept. 23-25 *Artistry in Wood* at the Salvation Army, **Spokane, WA**. For info: Steve Pirtle, (509) 954-5922.
- Sept. 24-25 *Lower Columbia Woodcarvers Show* at Cowlitz Fairgrounds, **Longview, WA**. For info: (360) 577-7318.

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ON EXHIBIT

AAW GALLERY OF WOOD ART

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

The Gallery of the **American Association of Woodturners** presents *Art From the Lathe II: Selections From the AAW Permanent Collection*, thru Aug. 28.

ART IN THE HIGH DESERT

730 SW. Columbia St., Bend, OR (541) 322-6272

Art in the High Desert will be held Aug. 26-28. This showcase features 100 multi-media artists, including a dozen woodworkers.

ART IN THE PEARL

Pearl District, Portland, OR (503) 722-9017

The 19th annual *Art in the Pearl* takes place Sept. 3-5 in the center of the noted Portland art district. This juried outdoor multi-media craft show consists of 130 artist booths, including woodworkers **James Cole, Martha Collins, Joseph Graci, Matthew Hatala, Austin Heitzman, David Kellum, Vernon Leibrant, Dennis Loveland, Bob McNally, and Craig Windom.** Woodworking demonstrations also will be conducted by schools and guilds.

ARTWOOD

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

Artwood presents *Members' Work* in July and *Intarsia* by **George Blakeman** in August.

ASIAN ART MUSEUM

200 Larkin St., San Francisco, CA (415) 581-3500

The Asian Art Museum presents *Japanese Lacquerware*, thru Oct. 23. Developed over hundreds of years, many techniques and applications are illustrated in 19 exquisite objects.

BAINBRIDGE ISLAND ARTS & CRAFTS

151 Winslow Way E., Bainbridge Island, WA (206) 842-3132

Bainbridge Arts & Crafts showcases exquisitely sculpted wood bowls from salvaged native hardwoods by **Brian Watson**, in July.

BAINBRIDGE ISLAND STUDIO TOUR

Bainbridge Island, WA (206) 842-0504

Artists on Bainbridge Island open their studios to visitors, Aug.

12-14. Among the multi-media artists participating are such woodworkers as **Danna Watson** and **Bryan Woodford.**

BEAVER CREEK ART FESTIVAL

Beaver Creek Village, Avon, CO (561) 746-6615

The 29th annual *Beaver Creek Art Festival* takes place Aug. 6-7. Among the 200 multi-media artists are 2-dozen woodworkers.

BELLEVUE ARTS MUSEUM

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

The Bellevue Arts Museum continues *Balance and Tension*, thru Aug. 14. This is the first solo museum exhibition of furnituremaker **Seth Rolland**, as his award for winning the *John and Joyce Price Award of Excellence* at the museum's *BAM Biennial 2014: Knock on Wood* exhibition. On display will be 25 pieces of furniture and sculpture.



A view of Seth Rolland's *Balance and Tension* at the Bellevue Arts Museum, thru Aug. 14. Kerf-cut tree forms surround the *Eddy Coffee Table* (17" h, 59" w, 30" d), made from Plantation Mahogany.



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ON EXHIBIT

BENSON SCULPTURE GARDEN

2908 Aspen Dr., Loveland, CO (970) 663-2940

The Loveland High Plains Art Council presents its 33rd annual *Sculpture in the Park*, Aug. 13-14. This show features 160 multi-media artists, including a dozen woodworkers.

BEST OF THE NORTHWEST

7400 Sand Point Wy. NE, Seattle, WA (360) 221-6191

The Northwest Crafts Alliance sponsors its annual Summer edition of *The Best of the Northwest*, July 17-18, at Magnuson Park in Seattle, WA. This juried show features handcrafted work in the various craft media by 200 artists.

BOULDER ARTS & CRAFTS GALLERY

1421 Pearl St. Mall, Boulder, CO (303) 443-3683

The Boulder Arts & Crafts Gallery features **Gary Zeff**, July 27–Sept. 4. A woodturner for over 30 years, Gary now focuses on more sculptural forms, combining wood with other media.

CHERRY CREEK ARTS FESTIVAL

Cherry Creek North, Denver, CO (303) 355-ARTS

The 25th annual *Cherry Creek Arts Festival* takes place July 1-4, featuring 236 artists working in various media. Among the participating wood artists are: **James Barnes, Raymond Bock, Garrett Brown, Ron Dekok, Mark Doolittle, Robert & Tor Erickson, Matt Estrada, Terry Evans, Steve Henneford, Seth Katz, Aaron Laux, Vernon & Karen Leibrant, John Mascoll, James Pearce, and Thomas Thorp & Jamil Itani.**

COOS BAY ART MUSEUM

235 Anderson Ave., Coos Bay, OR (541) 267-3901

The Coos Bay Art Museum hosts the 23rd annual *Maritime Art Exhibit*, July 9–Sept. 24. This exhibit includes two carved relief wall sculptures by **Alex Zenzuni.**

CRAFT IN AMERICA

8415 W. Third St., Los Angeles, CA (323) 951-0610

The Craft in America Study Center joins with the **Furniture Society** to present *The Spotlight: Functional Lighting as Illuminated Sculpture*, thru Aug. 20. Wood artists displaying are **Garry Knox Bennett, Byron Conn, Nathaniel Hall, PoShun Leong, John Conner Lutz, Marcus Papay, Clark Renfort, William Stranger, and Hongtao Zhou.**

DENVER MUSEUM OF ART

100 W. 14th Ave. Pkwy., Denver, CO (720) 865-5000

The Denver Art Museum presents *All that Glistens: A Century of Japanese Lacquer*, thru Sept. 7. The exhibit features 30 artworks, revealing the versatility of lacquer as a medium, used by Japanese artists to create containers, trays, plaques, braziers, and screens. In addition, the exhibition *Unseated* runs thru May 7, in which contemporary designers challenge the notion of the chair form.

DONKEY MILLS ART CENTER

78-6670 Mamalahoa Hwy., Holualoa, HI (808) 322-3362

The Donkey Mill Art Center presents its inaugural biennial *Wood Ink Fiber* exhibition, thru July 9. This juried exhibition features wood-block printing by Hawaiian artists.

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ON EXHIBIT

EL MUSEO CULTURAL DE SANTA FE

555 Calle de la Familia, Santa Fe, NM (505) 660-4701

El Museo hosts *Objects of Art Santa Fe*, Aug. 11-14. This show features a variety of decorative arts—the old, the unique, the unexpected—from over 70 prestigious galleries and exhibitors.

FOOTHILLS ART CENTER

1510 Washington St., Golden, CO (303) 279-3922

The Foothills Art Center presents *Fine Craft Invitational*, thru Sept. 4. This multimedia exhibition features work in clay, fiber, glass, metals, wood, and mixed media, including woodwork by **Ron Gerton** and **Richard Gady**.

FORT MASON CENTER

San Francisco, CA (800) 836-3470

The **American Craft Council** holds its annual *American Craft Show*, Aug. 5-7. This juried exhibition features over 250 craftspersons working in various craft media, including 2-dozen wood furnituremakers, turners, and sculptors.

GALLERY M

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

Gallery M features exquisite leather-lined *Boxes* from Hawaiian woods by **Tony Lygate** in July and *Wall Art* by **Christopher Cantwell** in August.

GATHERING AT THE GREAT DIVIDE

Main St. & Wellington Rd., Breckenridge, CO (970) 547-9326

The 41st annual *Gathering at the Great Divide Art Festival*, Sept. 5-7, features over 100 artists in all media.

GUALALA ARTS CENTER

46501 Old State Hwy, Gualala, CA (707) 884-1138

The Gualala Arts Center hosts *Art in the Redwoods*, Aug. 13-Sept. 4. This festival features work in various media, including wood.

GVG CONTEMPORARY

241 Delgado St., Santa Fe, NM (505) 982-1494

GVG Contemporary presents *Blair + Ernst*, July 22-Aug. 30. This exhibit features new paintings, sculpture, fine art furniture, and new



Ernst Gruler's *Beestro Table* and *Coyote Counter Chairs* are made of laminated Bubinga and repurposed steel.

lighting by gallery owners and artists **Blair Vaughn-Gruler** and **Ernst Gruler**, in celebration of 25 years of collaboration.

HENRY ART GALLERY

University of Washington, Seattle, WA (206) 543-2280

The University of Washington's Henry Art Gallery presents *White Snow Wood Sculptures*, thru Sept. 11. This exhibit features Black Walnut sculptures by **Paul McCarthy** of characters from both the German folktale and Disney film of *Snow White*.

HISTORY MUSEUM OF SONOMA

425 7th St., Santa Rosa, CA (707) 579-1500

The History Museum of Sonoma County hosts *Medieval to Metal: The Art and Evolution of the Guitar*, thru Sept. 4. Organized by the **National Guitar Museum**, this exhibition explores the 400-year evolution of the string instrument, including 40 rare and antique examples and dozens of photos and illustrations.

HONOLULU MUSEUM OF ART SCHOOL

1111 Victoria St., Honolulu, HI (808) 532-8741

The Honolulu Museum of Art School hosts the 36th annual *Commitment to Excellence Art Exhibition*, Aug. 12-21. Sponsored by the **Honolulu Japanese Chamber of Commerce**, this showcase features works in all media by Hawaiian residents.

JACKSON HOLE ART FAIR

Miller Park, Jackson Hole, WY (307) 733-8792

The Jackson Hole Art Fair takes place July 8-10 and Aug. 12-14. This multimedia show of 170 artists includes over 2-dozen woodworkers.

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ON EXHIBIT



Casey Dzierlenga
(Los Angeles, CA)
Lorca Coffee Table
Maple, brass



David Johnson
(Pasadena, CA)
Media Console
Pink Cedar, Carob



Cliff Spencer
(Los Angeles, CA)
Beehive
Paulownia,
Black Mesquite,
aluminum

Harold Greene
(San Pedro, CA)
Chaise lounge
Cedar of
Lebanon

L.A. CRAFT & FOLK ART MUSEUM

5814 Wilshire Blvd., Los Angeles, CA (323) 937-4230

The Craft & Folk Art Museum presents *Windfall*, thru Sept. 4. This exhibit features new furniture and functional objects by members of the Los Angeles-based **Box Collective**, from trees that fell during the historic Southern California wind-storm of 2011.

The exhibition consists of 15 works of furniture, sculpture, and domestic objects made from salvaged trees. The collective waited four years for the wood to air-dry before designing and making the displayed works.

"*Windfall* features locally manufactured, highly crafted, green designs that open a public dialogue on the importance of sustainability in a world filled with too many thoughtless objects," explains CAFAM Executive Director **Suzanne Isken**.

Participating wood artists are **Robert Apodaca, Casey Dzierlenga, Harold Greene, David Johnson, R.H. Lee, Samuel Moyer, Andrew Riiska, Stephan Roggenbuck, Cliff Spencer, and William Stranger**.



Andrew Riiska
(Los Angeles, CA)
Marshmallow Box Garden
Aspen, Oak

William Stranger
(Pasadena, CA)
I Table
Paulownia,
found wood



ON EXHIBIT

LAGUNA ART FESTIVALS

Laguna Canyon Rd., Laguna Beach, CA

The Western end of Laguna Canyon will again be bustling with the three annual summer arts festivals. The *Festival of the Arts*, with its *Pageant of the Masters* presentation, takes place July 5-Aug. 31. Among the 140 artists are furnituremakers **Randy Bader, Frank Irving, Barry Robin**, and **Stephen Vigar**; woodturners **Stephen Lazarus, Larry Marley**, and **Lloyd Walter**; and wood sculptors **Casey Parlette, Troy Poeschl**, and **Tim Shockley**.

Both the *Sawdust Festival* and *Art-A-Fair* are celebrating their 50th year, June 24-Aug. 28. Among the multi-media artists at the *Sawdust Festival* are woodworkers **Randy Bader, John Enfield, Michael Scott, Andrew Soliz**, and **David Sullenger**, while *Art-A-Fair* has wood art by **Michael Crook, Leonard Duarte, Gregg Lipanovich**, and **Larry Sears**. For info: *Festival of the Arts*: (949) 494-1145, *Sawdust Festival*: (949) 494-3030, and *Art-A-Fair*: (949) 494-4514.

LOS ANGELES INTERNATIONAL AIRPORT

Terminal 3, Los Angeles, CA (310) 717-9178

The LAX Airport hosts *Furniture as Art as Furniture: Studio Furniture of Southern California 2016*, Aug. 20-Feb. 28. Hosted by the City of Los Angeles, Cultural Affairs and the Los Angeles World Airports Public Arts Program, 21 regional furnituremakers were selected to display work, from nearly 350 submissions. Paying homage to his 100th birthday, a piece by **Sam Maloof** will be included. This display resides outside security, between Terminals 2 & 3. An accompanying catalog of work by 77 regional furnituremakers will be available for purchase.

MALOOF HISTORIC RESIDENCE

5131 Carnelian St., Alta Loma, CA (909) 980-0412

The **Sam and Alfreda Maloof Foundation for Arts and Crafts** celebrates the Maloof centennial with *Sam Maloof Woodworker: Life/Art/Legacy*, thru Aug. 27. The exhibition brings together more than 60 objects, including examples of Maloof furniture, drawings, photographs, works of art, documents, video excerpts, ephemera, and more.

The 3rd biennial *Sculpture in the Garden* exhibition runs thru Oct. 29. This invitational show fills the *Maloof Discovery Garden* with original sculptures by more than 60 California artists, including woodworkers **Alan Chin, Charles Dickson, Oscar Magalles, Karen Pollet, Eric Justin Smail, Juan Thorp**, and **Larry White**.

MARIN COUNTY FAIR

San Rafael, CA (415) 499-7048

The Marin County Fair presents its 75th annual *Fine Art/Fine Craft Juried Exhibition*, June 30-July 4. This show features fine art, craft, and art chairs in all media by artists from throughout California.

MINGEI INTERNATIONAL MUSEUM

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

The Mingei International Museum presents *The Erik Gronborg Experience*, Aug. 6-Mar. 12. This retrospective of Eric's 55-year career includes sculpture in cast bronze, carved wood, and other media, as well as studio furniture and a comprehensive survey of his ceramics. Work by San Diego high school students is on display in *Studio Craft 2016* thru Aug. 21.

MUSEUM OF GEOMETRIC & MADI ART

3109 Carlisle St., Dallas, TX (214) 855-7802

The Museum of Geometric and MADI Art presents *Inventing through Glass, Wood, and Cardboard*, thru July 24. This exhibit features the sculpted works of artists **Roger Bensasson** and **Yumiko Kimura**.

MUSEUM OF TEXAS TECH UNIVERSITY

Lubbock, TX (806) 742-2490

The Museum of Texas Tech University hosts *ReTooled*, thru Aug. 24. This traveling exhibit features 41 interpretative art works from the Hechinger Collection, celebrating everyday tools.

NASHER SCULPTURE CENTER

2001 Flora St., Dallas, TX (214) 242-5100

The Nasher Sculpture Center presents large, painted geometric forms, made of wood, by **Joel Shapiro**, thru Aug. 21.

NW WOODWORKERS GALLERY

2111 First St., Seattle, WA (206) 625-0542

The Northwest Woodworkers Gallery presents *New Work* by gallery artists over the summer.

ODD FELLOWS HALL

45101 Ukiah St., Mendocino, CA (707) 937-2486

The Odd Fellows Hall hosts the 18th annual *Fine Woodworking Show*, July 8-31. On display will be work by 16 members of the **Mendocino County Furnituremakers**, including **Lee Baker, Hans Bruhner, Michael Burns, Michael Carroll, Les Cizek, Tom Dull, Krystine Graziano, Henry Hewitt, Max Kaplan, Sarah Marriage, Kerry Marshall, Tobyn McCormick, Paul Reiber, Odis Schmidt, Greg Smith**, and **Josh Smith**.

Jeff Miller Master Woodworker Makes a Chair September 16-18, 2016

A photograph of Jeff Miller, a man with glasses and a grey shirt, standing in his workshop. He is surrounded by various woodworking tools and materials. In the foreground, there is a wooden chair. To the right, there is a small inset image showing a book titled 'Chairmaking & Design' by Jeff Miller, and another inset image showing a wooden chair.

DEMONSTRATIONS INCLUDE:

- Chairmaking Techniques as Jeff Builds and Assembles a Chair
- Chair Design
- Registration Includes Jeff's Book—*Chairmaking & Design*
- Chair to be Ruffed Sunday to Support the Turnaround for Vets Program

San Diego Fine Woodworkers Seminar

- Member Registration — \$125 ■ Non-Member Registration — \$155*
- Includes coffee, juice, donuts & lunches (Saturday & Sunday), drinks and snacks throughout the seminar, door prizes at every break.
- *Includes SDFWA membership.

www.sdfwa.org (858) 484-4366

ON EXHIBIT

OREGON COUNTRY FAIR

24550 Chickadee Ln., Elmira, OR (541) 343-4298

The 46th annual *Oregon Country Fair* is being held July 8-10. Besides entertainment and food, this multimedia event includes over 30 woodworkers.

PARK CITY ARTS FESTIVAL

Park City, UT (435) 649-8882

The 47th annual *Park City Kimball Arts Festival*, Aug. 12-14, features 230 fine artists from across North America, including 19 wood exhibitors.

PETALUMA ART CENTER

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

The Petaluma Art Center hosts *The Zeitgeist Exhibition—Capturing the Times through Art*, thru July 10. This Northern California & Hawaii Regional Art Competition features multimedia work that evokes the Zeitgeist of this time and place.

PHOENIX SKY HARBOR AIRPORT

Phoenix, AZ (602) 273-8863

Phoenix's Sky Harbor Airport hosts *Form Matters*, thru July 10, in Terminal 4, level 3. This exhibit features large-scale wood sculptures, inspired by geometric shapes found in nature by **Mitch Fry**.

PORTLAND ART MUSEUM

1219 SW. Park Ave., Portland, OR (503) 226-2811

The Portland Art Museum presents *Case Work*, thru Sept. 4. This

exhibit features 60 sculptural works by the Portland design firm **Allied Works Architecture** in wood and other materials.

SALEM ART ASSOCIATION

Bush's Park, 890 Mission St. SE., Salem OR (503) 581 2228

The 62nd *Salem Art Fair & Festival* is being held July 15-17. This fair features more than 200 artists, including 10 woodworkers.

SONOMA VALLEY MUSEUM OF ART

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

The Sonoma Valley Museum of Art presents *Surf Craft: Design and the Culture of Board Riding*, July 2-Sept. 25. This exhibit features American-made surfboards, built from the late 1940s to the present.

STONINGTON GALLERY

125 S. Jackson St., Seattle, WA (206) 405-4040

The Stonington Gallery presents **Hib Sabin: Solo Exhibit**, July 7-31. This exhibit explores human nature by way of animal forms in Juniper, bronze, and glass sculpture.

SURFING HERITAGE CENTER

110 Calle Iglesia, San Clemente, CA (949) 388-0313

The Surfing Heritage & Cultural Center hosts *Treasures*, thru July 30. This exhibit features surfboards from the **John Mazza** Historic Surfboard Collection.

SUN VALLEY ARTS & CRAFTS

Atkinson Park, Ketchum, ID (208) 726-9491

The 48th *Sun Valley Center Arts & Crafts Festival*, Aug. 12-14, features 140 artists, including a dozen woodworkers.

TEXARKANA REGIONAL ARTS CENTER

4490 E. University Ave., Georgetown, TX (512) 943-1800

Texarkana Regional Arts Center presents its 28th annual *Juried Exhibition*, July 8-Aug. 13. This show features multi-media work by regional artists.

VESTERHEIM MUSEUM

502 W. Water St., Decorah, IA (563) 382-9681

The Vesterheim Norwegian-American Museum presents *National Exhibition of Folk Art in the Norwegian Tradition*, thru July 30. This exhibit features selected works of rosemaling, weaving, woodworking, and knifemaking, done in the Norwegian tradition, and selected from a national competition.

WHIDBEY ISLAND ART CENTER

565 Camano Ave., Langley, WA (360) 221-8262

The Whidbey Island Woodworkers Guild presents its 13th annual *Woodpalooza*, Sept., 3-5. This show features work by 20 members, including furniture, cabinetry, architectural woodwork, turnings, carvings, musical instruments, and boats.

WORLD FORESTRY CENTER

4033 SW. Canyon Rd., Portland, OR (503) 228-1367

The World Forestry Center hosts *Artist Showcase*, thru July 10. On display is work by members of the **Guild of Oregon Woodworkers** and other regional woodworking clubs (See pages 34-35).

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ORGANIZATIONAL NEWS

A complete list of woodworking clubs in the West can be found at the Woodworker West website: www.woodwest.com. Carving events are also listed on page 26. Clubs can e-mail listing information to: editor@woodwest.com.

ALASKA

The **Alaska Woodturners** will demonstrate at *Alaska State Fair*, Aug. 24-Sept. 4. For info: www.akwoodturners.org.

ARIZONA

The **Prescott Woodturners** will hold a *Sale*, Aug. 13-14, on Courthouse Square in Prescott. For info: www.prescottareawoodturners.com.

CALIFORNIA

The **Channel Island Woodturners** will demonstrate at the *Ventura County Fair*, Aug. 3-14. For info: www.channelislandswoodturners.org.

The **Orange County Woodworkers** will demonstrate at the *Orange County Fair*, July 17-Aug. 16. For info: www.ocwoodworkers.com.

The **Sacramento Woodworkers** will demonstrate at the *California State Fair*, July 15-17. For info: www.sacramentoarea-woodworkers.com.

The **San Diego Woodturners** will have demos and workshops with **Sharon Doughtie**, July 16-18, and **Mike Mahoney**, Sept. 10-14. For info: www.sdwat.org.

The **San Diego Woodworkers** hold their *Fall Seminar*, featuring **Jeff Miller**, Sept. 16-18. For info: www.sdfwa.org.

The **West Bay Woodturners** will have a demo and workshop with **Sharon Doughtie**, July 30-31. For info: www.westbaywoodturners.com.

COLORADO

The **Grand Valley Woodturners** will showcase members' work, Aug. 13, at the Redlands United Methodist Church in Grand Junction. For info: www.grandvalleywoodturners.com.

The **Pikes Peak Woodturners** will have a demo and workshop with **Nick Agar**, Aug. 5-6. For info: www.ppwoodturners.org.

The **Rocky Mountain Woodturners** host their *17th annual Woodturning Symposium*, Sept. 16-18. Featured demonstrators are **David Ellsworth**, **Nick Cook**, **Jay Shepard**, **Liam O'Neill**, **Les Brandt**, and **Keith Gotschall**. For info: www.rmwt.org.

HAWAII

The **Big Island Woodturners** will have a demo and workshop with **Betty Scarpino**, Sept. 24-25. For info: www.bigislandwoodturners.org.

The **Honolulu Woodturners** will be showing work at Nohea Gallery in August and have a demo and workshop with **Betty Scarpino**, Sept. 10-11. For info: www.honoluluwoodturners.org.

MONTANA

The **Great Falls Woodturners** host their *2016 Symposium* with **Trent Bosch**, Sept. 24-25. For info: www.gftturners.org.

The **Northern Rockies Woodworking Guild** will have a workshop with **Michael Hosaluk**, Sept. 30-Oct. 2. For info: www.nrwg.org.

OKLAHOMA

The **Central Oklahoma Woodturners** will have a workshop with **Barbie Holton**, July 13. For info: www.okwoodturners.net.

OREGON

The **Cascade Woodturners** will have presentations by **Sara Robinson**, July 21; **Graeme Priddle**, Aug. 18; and **Tom Wirsing**, Sept. 22. For info: www.cascadewoodturners.com.

The **Guild of Oregon Woodworkers** and other clubs are exhibiting work in an *Artist Showcase* at the Wood Forestry Center,

thru July 10. For info: www.guildoforegonwoodworkers.com.

The **Northwest Woodturners** will have a demo and workshop with **Graeme Priddle**, Aug. 12-14. For info: www.nwwt.wildapricot.org.

The **Pacific Northwest Woodturning Guild** hosts *Frogwood 2016* in Gresham, OR, Aug. 15-21. For info: www.woodturningguild.com.

TEXAS

The **Comanche Trail Woodturners** will demonstrate at the *Permian Basin Fair & Exposition* in Odessa, Sept. 9-17. For info: www.inwwoodturners.com.

Texas woodturning clubs host their 25th annual *SWAT Woodturning Symposium*, Aug. 26-28, in Waco, TX. Lead demonstrators include **Stuart Batty**, **John Beaver**, **Cindy Drozda**, **Clay Foster**, **John Jordan**, **Mary Lacer**, **Mike Mahoney**, **Dick Sing**, and **James Duxbury**. For info, visit the web site: www.swaturners.org.

WASHINGTON

The **Inland Northwest Woodturners** will demonstrate at the *Anacortes Art Festival* Aug. 5-7. For info: www.inwwoodturners.com.

The **Olympic Peninsula Woodturners** will demonstrate at the *Kitsap County Fair*, Aug. 24-28. For info: www.opcaaw.com.

The **Seattle Woodturners** will hold a *Mini-Symposium*, July 14. For info: www.seattlewoodturners.org.

The **Woodturners of Olympia** hold their *2016 Symposium*, July 23. Featured demonstrators are **Michael Hosaluk**, who will be conducting a workshop July 24-27, and **Bob Epsen**. For info: www.woodturnersofolympia.org.

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ORGANIZATIONAL NEWS



Peter Stevens
Mackintosh-Inspired Mirror
Mahogany, stained glass accents



Jesse Fisher
Side Table
Sapelle, Cherry

Terry Bostwick
Deco Side Table
Oregon Walnut, Curly Eastern Maple



OREGON SHOWCASE AT WORLD FORESTRY CENTER

The **Guild of Oregon Woodworkers** was invited to create an inaugural exhibition for a new display area at the **World Forestry Center** (WFC) in Portland, OR. It is appropriate that a venue dedicated to educating the public about the importance of forests and sustainable forestry also should promote the beauty and quality of secondary products being created from these natural resources.

This *Oregon Wood Artist Showcase* features 68 pieces by 35 craftsmen from the Oregon Guild, as well as the **Pacific Northwest Woodturners**. The show included furniture pieces, wall hangings, jewelry boxes, a 3D cutting board, toy trucks, bowls, hollow forms, carvings, and other turnings.

To coincide with the Center's historical displays on the history of the Pacific Northwest, **Rob Artman** contributed a wall of eight incredible carved Northwest Indian masks. As a thank you gift, Guild President **Roger Crooks** turned a Figured Maple plate, decorated with the WFC logo inlaid in stone (far right).

The exhibition runs thru July 10th. The World Forestry Center is located at 4033 SW. Canyon Rd. in Portland, OR. To learn more about the Guild of Oregon Woodworkers, visit the website:

www.guildoforegonwoodworkers.com



Max McBurnett
Tree Carving
Walnut

Peter Stevens
Gretchen's End Table
Sycamore, Wenge, blue slate



ORGANIZATIONAL NEWS



Terry Bostwick
Candle Stand Pedestal
Charred Cherry, Cherry



John Sheridan
P-14 Chair
Honduras Mahogany,
Italian Poplar bending plywood



Roger Crooks
*World Forestry
Center Logo*
Figured Maple, stone



Christine Voigt
Peace Bell & Stand
Mahogany, India Bell

John Whitehouse
Cedar Strip Canoe
Cedar, Sitka Spruce,
Walnut, Red Oak



Rob Artman
(Clockwise from
upper right:
*Dzonoka (Wild Woman
of the Woods)*
Port Orford Cedar,
acrylic paint
One-Eyed Jack
Lime Wood, acrylic paint
Jack O'Diamonds
Port Orford Cedar,
encaustic (beeswax)
T'ang
Port Orford Cedar, brass,
Chinese Mahjong pieces



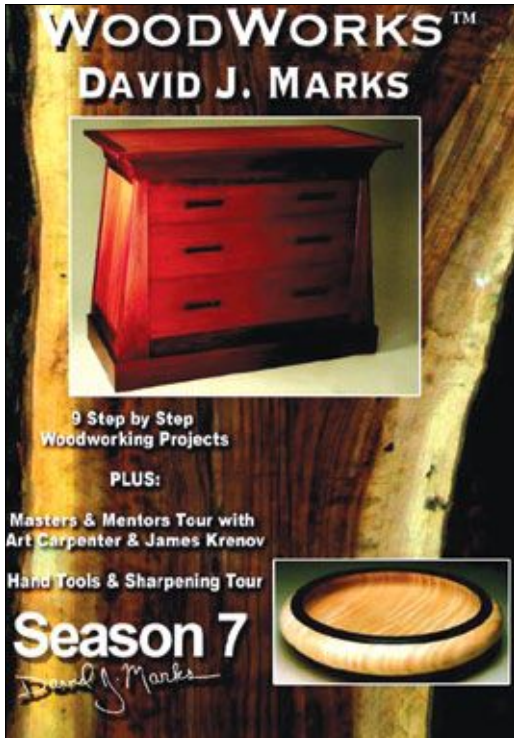
Austin Heitzman
Swell Side Table
Madrone



From David Marks Studio

Answering Reader's Questions

by David Marks



David Marks has been a studio furniture maker in Santa Rosa, CA for nearly 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.

David is happy to announce the release of videos from Season 7 of *WoodWorks*. They are available as a complete DVD with all 13 programs or as individual downloadable episodes. These videos, along with the 78 episodes from Seasons 1-6, can be purchased from David's eStore at: www.djmarks.com/estore/.

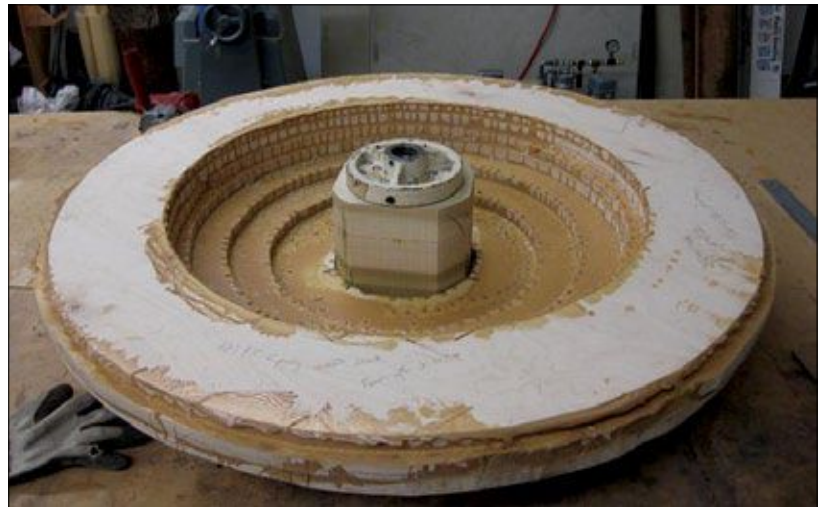
David will be conducting hands-on classes in his Santa Rosa, CA studio. Upcoming classes are:

July 8-10 Gilding & Chemical Patination
July 22-24 Marquetry & Inlay
Oct. 6-10 Creative Bowl Turning
Nov. 10-13 Bentwood Lamination
Dec. 2-4 Gilding & Chemical Patination

Class details are available at the website: www.djmarks.com/classes.asp.

1. Turning Large Disks on the Lathe: *When you turn those very large discs, do you turn the headstock around, so that its back side is to the rest of the lathe? From your pictures, I don't see how to do it any other way. Stephanie, Asheville, NC*

David: To turn large discs, I mount them on a 6" heavy cast iron faceplate and thread them on to the out board spindle of my lathe's headstock.



The above photo shows how I attach the faceplate to a 3-foot diameter laminated plywood disc, while the photo below shows it mounted on the outboard side of my Oneway lathe.



I then shape the disc using a 1/2" bowl gouge. In the next photo, notice the black floor stand. Rather than opt for the Oneway extension, which is bolted on to the lathe, I had a local welder construct a stand (he charged me \$500) that is the same height as my lathe's bed. With my banjo and tool rest attached, it is move-

able, so I can drag it to any position that I need to accomplish a task. To turn the back of my discs, I drag the stand to the back side of the disc, and I can set my tool rest right inside the back so I can turn it.



2. Patination Colors: *I am a Chemist and Chemical Engineer by education, and I work in the Aerospace field. I have been a woodworker for about 18 to 20 years, and as I get closer to retirement, I am trying to expand my knowledge in woodworking. You have been a teacher to me ever since WoodWorks. I watched the show every chance I got, and I miss seeing new projects built by you.*

I am working to improve my turning skills. I have a Jet JWL-1236 lathe that is an OK lathe to work on as I learn. I am very interested in the patination you do with silver leaf and chemicals that give beautiful results.

Being a chemist, I have worked with inorganic metal salts and organometallic chemicals that generate color. I am performing experiments in my laboratory to see what colors I can generate safely, and I have some questions:

(1) I have never worked with Japan colors. When I search on the web for Japan color, I find Ronan Japan Color, and I want to know if these paints are good to buy to achieve the results you create?

(2) Do you work with silver leaf, gold leaf, copper leaf, and any other leaves to make these colors and patinations?

I would love to take some of your classes, but Alabama to California is a bit of a long drive. I don't know if you have plans to film some of your classes that you would sell over the web, but if you do it would be a way to attend a class and learn your woodworking techniques, without having to travel to California. Guy

David: Our son is a Chemical Engineer and it's always nice for me to learn that I am able to share woodworking information with highly educated people, such as yourself.

The answer to your first question (1) is yes, in fact Ronan is the brand of Japan paint that I use in my work. The answer to your second question (2) is also yes. Silver leaf is my favorite metal to work with, because of the golds, blues, and slight orange/red colors that can be created with chemical patination.

Copper leaf and composition gold are also great to work with, because they oxidize and create wonderful patinas with different chemicals.

I have tried to capture classes on video, and it didn't work for me. It's too distracting for the students, and there is too much background noise for the audio, not to mention it's a huge amount of video editing which I found not to be cost-effective. I think my classes are too esoteric for mass consumption, which is why I chose to make *How-To DVDs* on specific subjects.

The easiest way for me to share my knowledge with individuals is through consultations, whether they be on the phone or through emails, or through group or private classes. For details, e-mail me at: david@djmarks.com.

3. Patination Problems: *We, at the Bay Area Woodturners, are working on patination test boards and have a quick question about copper leaf and sodium sulfide.*

We are having difficulty stopping the reaction. We are blotting dry after 3 to 5 seconds, when the red color is quite vivid. It seems to stop the reaction, but by the next day much of the red has vanished. My guess is that the reaction is continuing slowly, so my question is: what is the best way to stop the reaction, potentially blot with water, non-acid solution, or seal with a top coat? John

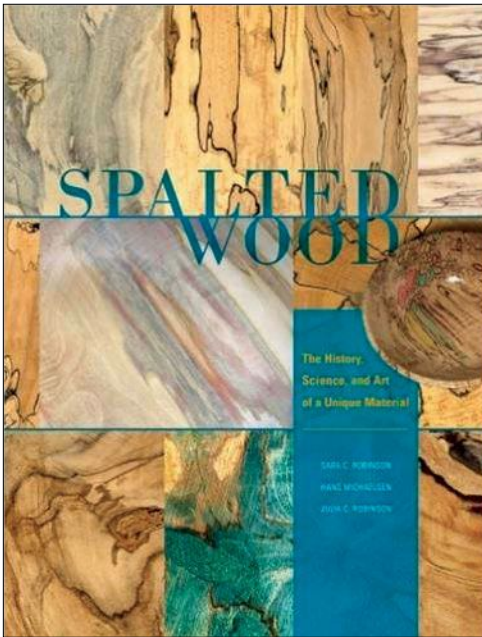
David: It sounds like you are doing everything correctly and blotting the sodium sulfide solution dry after 5 seconds. Since you have attained a rich vivid red color, my recommendation would be to seal it right away with a light coat of lacquer to lock in the color at the brilliant red stage.

I would agree with your assessment that by waiting overnight, the chemical reaction has continued and the vivid red color continued to oxidize to a washed out pale color by the next day.

4. AAW Vessel: As a follow-up to my last article on crafting the vessel to be exhibited at the 30th annual AAW Symposium in Atlanta, I've been working 6 to 7 days a week into the night for so many months now that coffee doesn't seem to do much anymore. At the time of this writing, construction is complete, and I am applying renaissance wax over the hand rubbed oil finish. In my next article, I will detail the rest of the construction process and show the completed piece, for those who will not be attending the symposium.

Spalting Wood

by Sara C. Robinson



Sara C. Robinson is a professor and artist at Oregon State University, where she researches spalting fungi and their applications across chemistry, physics, and wood sciences, art, and craft. Her research deals not only with understanding the mechanisms of spalting, but also discovering new spalting colors through field research in the Amazon rainforests in Peru. She is also an active woodturner and displays artwork across the world.

Her new book *Spalted Wood*, co-authored with **Hans Michaelsen** and **Julia C. Robinson**, is a comprehensive resource, covering the science, the history, and the application of spalting. The book (\$60, 288 pages, copyright 2016) includes 870 photos and photomicrographs of examples of spalting, techniques, and finished pieces by many renowned artists.

Spalted Wood is available at www.schifferbooks.com or your on-line or local bookseller. This essay is adapted from the book with permission of Schiffer Publishing Ltd.

Dr. Robinson is giving a presentation to the Cascade Woodturners in Portland, OR on July 21 and teaching three classes on spalting, this summer at Oregon State University:

July 23	<i>DIY Spalting Workshop</i>
July 24	<i>Fungal Pigments Workshop</i>
July 25-26	<i>Turning Spalted Wood</i>

For details on these courses or informational resources on spalting, visit her website: www.northernspalting.com.

In this history of European decorative arts, intarsia cutters and woodworkers were experts in the selection of woods, which they skillfully applied in the design of their works. In the earliest surviving examples of wooden decorative arts, dating to the end of the 13th and early 14th Centuries, the color palettes for geometric inlays, pictorial intarsia, or veneer on furniture and architectural paneling were created from natural wood colors (as well as crown-cut, flame, and burl textures of local wood varieties).

The search for additional design elements even led intermittently to the deliberate use of wood whose color and structure had been altered by biological, chemical, or mechanical interactions. The old masters expertly used these deviations—what today would generally be considered wood flaws, anomalies, or diseases—in order to produce sophisticated and colorful effects on their work.

Color modifications induced by wood-staining fungi (spalting), expanded the palette of these craftsmen and proved to be quite resistant to fading. Although the types of spalting vary from white decay and black lines to bright colors, generally the wood can still be used for artistic products, as most spalted wood retains enough structure for small design work and showcases colors rarely found naturally on uncolonized wood.

Getting your wood to spalt is not difficult. In fact, as many lumberyard owners can attest, often keeping your wood from spalting is more of a challenge. Since all wood can rot, all wood can spalt (spalting is the early stage of decay). The real trick with spalting is getting the type that you want, in the place that you want, in the time that you want.

Below is an overview of several methods for doing your own spalting, each with increasing skill and setup needed to achieve the desired result. Further explanation is provided in my book, *Spalted Wood*.

Set-Up

Before you begin, you will need to gather the fundamentals. Pick your favorite species of wood. When it was felled, whether it is green or kiln dried, the size, shape, or whether or not it has been sitting on a firewood pile is irrelevant. Fungi care not for what shape the wood is in, so neither should you.

Next, get yourself some fungi. I defer to my book, *Spalted Wood*, on the various types of fungi and the effects on different species. You'll want to get the fungi into an actively growing state by taking small pieces from the inside of the mushroom and plating them onto 2% malt agar or 2% malt gelatin. This is not as hard as it sounds. You can make your own gelatin jars by canning unflavored gelatin mixed with barley malt. Or you can just go online and buy premade Petri plates. If you do decide to make your own, do not stress over the amount of malt and agar/gelatin. If you put in too much agar/gelatin, your media will be firm. Too little, and it will be liquid. The fungi don't care either way.

Now get yourself someplace to store the wood. This can be as simple as a hole you dig in the ground, some plastic bins and your garage, or a fancy dry kiln that you reversed the settings on.

Finally, gather some friends. The inoculation of your wood will go a whole lot faster, and be a lot more fun (especially if you insist upon beer) with people to help.

Method 1—Quick & Dirty

Timeframe: 1-2 years

Reliability: 50%

Scientific knowledge required: none

Chance that your spouse will disapprove: low

Gather your wood, fungus, and friends and head out to your backyard. Dig a hole about 6" deep. Stack your wood into the hole and continue piling until all your wood is in a big pile, tightly stacked. While stacking, slather, smush, plug, or spray your fungus cultures on the cut surfaces of the wood. Once all the wood is stacked, cover with a tarp. If your wood is dry, water it and try to get the wood to about 30% moisture content before covering. After covering, wait a year, watering occasionally if you are experiencing a very hot, dry summer. At the end of the year, uncover your wood, cut it up, and see what you have.

Method 2—The Warehouse

Timeframe: 3-4 months

Reliability: 75%

Scientific knowledge required: low

Chance that your spouse will disapprove: high

Gather everything you need and find an empty, enclosed space. Garages are very popular for this method. Tight stack your wood and inoculate as in Method 1, with the pile beginning on the floor. Cover your pile with something, checking moisture content to ensure around 30%. Place space heaters (or use a heated space) and keep your space between 75°-85°F. Water wood as needed. After 3-4 months, uncover and see what you have. Pro tip: slimy, black coated wood is ideal.

Method 3—The Scientific Warehouse

Timeframe: 3-4 months

Reliability: 95%

Scientific knowledge required: moderate

Chance that your spouse will disapprove: moderate

For this method, you will need to prepare your wood more thoroughly. Purchase some opaque plastic tubs, the size is up to you. Cut your wood to fit into these tubs. Place roughly 1" of water at the bottom of the tubs OR purchase some vermiculite (a puffed clay-like substance common in potting soil) and wet it so that it is saturated but not dripping. Tightly pack wood into the tubs, with fungus smushed, plugged, sprayed, or placed between all pieces. Pack vermiculite around wood and place a lid on the container. Incubate in a heated space and add water to each bin if moisture drops below 30%, but do not exceed 35% moisture content.



David Ellsworth's Sugar Maple *Lunar Sphere* is an example of white rot spalping called zone lines. These black lines are caused when two fungi meet and want to protect their resources by placing a barrier wall between each other. Unlike other types of spalping, zone lines never weaken the wood.

Mark Lindquist's *Monticello Bowl* came from spalted Tulip Poplar from a tree planted by Thomas Jefferson in his front yard. Besides the white rot zone lines, the fungus produced a blue stain.





Cabinet made from English brown oak (*Quercus* sp. with *Fistulina hepatica*) and Swedish ash (*Fraxinus* sp.), with white rot and zone lines on the Maple doors (*Acer* sp.) James Krenov, 1977 Photo by Bengt Carlen and reprinted with permission.

Sara Robinson demonstrates the wide variety of spalting types, from white rot to zone lines to pigment stains. This Curly Red Maple bowl features the pink stain of *Scytalidium cuboideum*, the blue-green stain of *Chlorociboria aeruginosa*, and the yellow stain of *Scytalidium ganodermophthorum*.



For each bin, select a type of spalting that you wish to achieve and inoculate accordingly. By selecting fungi specifically for each bin and not doing a large inoculation, you can ensure that stronger fungi do not kill weaker fungi, and you actually get the effects you are after.

Method 4—The Sciences

Timeframe: 1-2 hours

Reliability: 100%

Scientific knowledge required: high

Chance that your spouse will disapprove: low, unless you do this in the house.

For this method, you should have either some form of fume hood or be outside on a nice, not humid day. You will also need to have your wood in its final form, whether that be furniture, turning, cookware, etc. Finally, make sure you also have purchased or made an active culture or a pigment extract someone has already prepared.

If you have an active culture, you need to dump the contents into a glass bowl and pour acetone or dichloromethane on the contents. Stir well for 20 minutes or so. Then filter the extract to remove chunks. The resulting liquid can be applied via brush, pipette, pouring, dunking, or pressure treating to your wooden objects. Allow dyed piece to dry thoroughly in well ventilated space before moving indoors.

If you have an already solubilized, purified dye extract, just apply the extract where you would like it on your wood. Much like a nice finish, the trick is many thin layers to build up to the color you want, not just pouring the whole thing on and hoping for the best.

If you have a container of dry pigment, you will need to resublimize the pigment in a solvent, preferably dichloromethane although acetone will work in a pinch. Swirl container until the dry pigment is completely reabsorbed. Then apply as above.

Important Tips for Any Form of DIY Spalting

Decay smells. Try to keep actively spalting wood out of your house, if you have a sensitive nose.

Decay attracts insects. Another good reason to not do this in your own home.

The more variables you remove, the more likely it is that your intended design will succeed. Control the temperature, the humidity, the inoculum, etc., and you are much more likely to get spalting, instead of punky, goopy wood.

Spalting fungi are not inherently dangerous. Many airborne molds can be irritants, if left to accumulate on your wood. If you are sensitive, spray your wood down with 91% isopropyl alcohol or 70% ethanol before using OR use *The Science Method*.

Adding other components into the system (beer, wood shavings, ground reindeer antlers, whatever) *does not speed the spalting process*. Think about it. If you add something a fungus likes to eat like, say, fertilizer, to a log, why would the fungus move inside the log and spalt when all the easy food is sitting on the surface? Fungi are not stupid; they are lazy, just like every living thing. They eat the easy food first and only move to the hard food when all the easy stuff is gone. The more easy food that you put on the surface of your wood, the longer your spalting will take.

Turning Topics

Turning a Death Star



Frank Howarth of Portland, OR is an architect by training, with degrees from Cornell and Harvard University. He says that woodworking has been a hobby “forever,” but was forced to get serious about it, with the purchase of his first house, a fixer upper.

Today, he is a stay-at-home Dad and continues to build things for his home and children, with the occasional outside commission. He says that he continues to pursue “architecture on a small scale, expressed through woodworking.”

Frank has constructed a marvelous in-ground 1,250 sq. ft. shop in his backyard, replacing a former indoor pool. This is a workspace to make any hobbyist (and some professionals) envious. The story of construction of his shop and shop tour have been documented in videos on his website.

He has also developed a following for his *YouTube* channel, where he posts videos of his various projects. These videos are available for view at: www.youtube.com/user/urbanTrash.



In a galaxy not so far away, a new *Death Star* was born in the woodshop of *Star Wars* aficionado **Frank Howarth**. For those not familiar with the science fiction film franchise about to celebrate its 40th anniversary, the *Death Star* was the space station of the Galactic Empire, with the “Ultimate Weapon” of a planet-destroying superlaser.

“Last Fall, I turned a bowl out of Bamboo,” explains Frank. “We noticed that it had a texture resembling the *Star Wars* *Death Star* exterior, so that gave me the inspiration to undertake a sculptural recreation using Bamboo plywood.”

Essentially, Frank envisioned a stacked laminated stave construction (left) of 19 rings, each ring consisting of 13 mitered segments. To make the job easier, he has the luxury of a CNC system for cutting out his templates, used for cutting of the segments (ranging from 1"-4" wide) on the tablesaw.



The segments were then glued together, end-to-end, and clamped with a metal hose band to cure (left).

The resulting rings (shown above) are stacked to form the workpiece (right). For strength, the rings are offset.

To prepare for turning, the rings were glued together to form separate upper and lower bowls.





Each bowl half is turned separately, mounted on the lathe with a flat plate chuck. Each plywood ring is rounded, one at a time (above), and the bowl is checked for form, using a CNC-cut template (left). Note the tenon left on the bottom.

Once the outside is complete, the bowl is reversed with the tenon inserted into the jaw chuck mounted on the lathe. The interior is hollowed to a $1/2$ " wall thickness (lower left). Note the rabbet on the rim of the lower bowl. It is extra long to not only insert into the other bowl, but to leave a gap, to represent the docking stations on the star's equator.

With the interior completed, the outside is power sanded, with a drill mounted sanding pad (below), to remove scratches. This photo shows the upper bowl, as identified by the exterior lip.



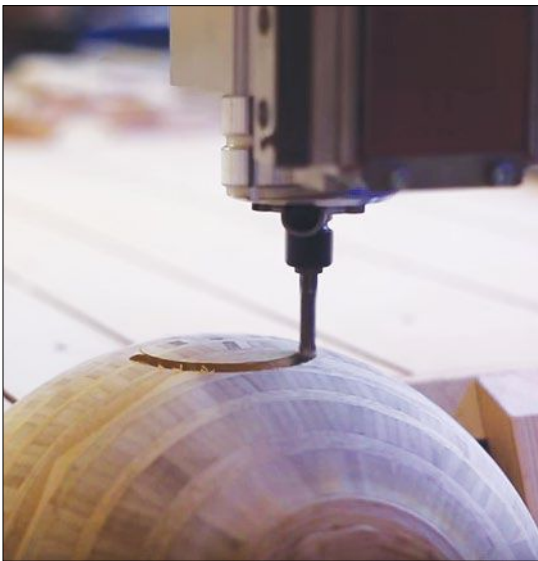
The turning of the bowl is completed by re-mounting the piece back on the flat plate chuck to remove the tenon (right).

The next phase is creating the detail of the super-laser. Essentially, this is a segmented dish to be inserted into the rounded side of the upper bowl.

Again, 13 miter pieces were cut on the tablesaw, glued into a ring, and a plug was inserted into the center. The piece was then cut to size by the CNC router (lower left), and the dish was hollowed by hand on the lathe (lower right).



Frank returned to the CNC router to precisely cut a circular hole, in which the dish will be inserted (below).



With construction completed, a butcherblock finish is applied, and the 14 $\frac{1}{2}$ " diameter *Death Star* is ready for launch.

A video of the construction process, with special effects, is available at:

www.youtube.com/watch?v=7AgD5NUzyOE





Briana Trujilo
(Chula Vista, CA)
Hélice Dividido
Madrone
(16" h, 10" w, 7" d)



Derek Taylor
(Mendocino, CA)
V. P. Young
Ash
(30" h, 60" w, 28" d)



Aaron Terteling (Portland, OR)
Drafting Closet
Bubinga, Pear, fabric
(29" h, 32" w, 12" d)

The *Fine Furniture Program* at the **College of the Redwoods** in Fort Bragg, CA unveiled the work of its 2015-2016 class in May exhibitions at the Highlight Gallery in Mendocino, CA and CIIS Gallery in San Francisco, CA. On display were more than 40 pieces by 22 makers.

Coinciding with *San Francisco Design Week*, the latter showcase was part of a week-long event—*Handmade | Mindmade*—featuring presentations and discussions on pressing issues in contemporary craft. One evening honored **David Welter**, who is retiring after 30 years as the glue holding the department's operation together.

Founded by **James Krenov**, the program is a 9-month intensive, exploring wood and the worker's relationship to it. Though machine tools are not neglected, emphasis is placed on hand-work, coordinating the hand, the eye, and the workbench. The goal is to develop sensitivity to (and enjoyment of) surfaces, joinery, and the personal touches, which make each piece a unique and personal expression of the individual.

Additional photos of work from these shows can be found at: www.handmademindmade.com. For information on the *Fine Woodworking Program* at the College of the Redwoods, visit the website: www.crfinefurniture.com.



Brian Gallagher
(Santa Cruz, CA)
Manana en la
Manana Dining Set
Madrone
(Table:
30" h, 31" w, 27" d)

Peter Thornton
(Davis, CA)
Stool #1
White Oak, Teak
(17" h, 26" w, 8" d)





Doug Flack
(Santa Cruz, CA)
*The Stranger
Rocking Chair*
Walnut
(30" h, 17" w, 18" d)



Tyler Abbot
(Little River, CA)
Writing Desk & Chair
Madrone, Eucalyptus,
Maple
(Desk: 48" h, 31" w 16" d)



Max Geldman
(Altadena, CA)
Drafting Perch
White oak
(29" h, 22" w, 13" d)



Matt Mecaro
(Escondido, CA)
Edwina
Elm, Kwila
(48" h, 18 1/2" w, 12" d)



Kendra Woolfe
(Olympia, WA)
*This Must Be
the Place*
Bay Laurel
(21" h, 12" w, 5" d)



Tom Lees
Arroyo Grande, CA
*Reading Table with
Tambour Cabinet*
Walnut, Granadillo
(28" h, 19" w, 39" d)



Zackary Tyler Lindemann
(San Diego, CA)
Nook
Kwila
(39" h, 27" w, 25" d)

WORKSHOPS • DEMOS • CLASSES

ALASKA

FOLK SCHOOL FAIRBANKS

2861 Beverly Ln., Fairbanks, AK (907) 451-0445

July 6 An Outboard Skiff—16 sessions

ARIZONA

DAVID FLEMING

Scottsdale, AZ (602) 308-9188

July 9-10 Mortise & Tenon
July 23-24 Marquetry
Aug. 6-7 Hand Cut Dovetails
Aug. 19-21 Make a Dovetailed Box

ROBERTO-VENN SCHOOL OF LUTHIERY

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

Aug. 25-Jan. 27 Guitar Making & Repair

ROCKLER WOODWORKING & HARDWARE

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

July 2 Coping Made Simple
July 2 CNC Shark Basics (Kevin Klein)
July 9 Intro to Pen Turning
July 9 Wood Turning Techniques: Wood Boxes
July 10 Make & Take a Wooden Goblet
July 15 Make & Take a Knife Kit (John Gilchrist)
July 16 Router Table Techniques: Box Joint Jig
July 16 Intro to the Router (Dennis Gorrell)
July 23 Building Shutters (Gorrell)
July 23 Table Saw Techniques: Miter Gauges
July 30 Finishing Techniques (Mike Sundell)
July 30 Wood Finishing Techniques: HVLP
Aug. 6 Intro to Bowl Turning
Aug. 6 Wood Turning Techniques: Kit Handles
Aug. 13-14 Make & Take a Band Saw Box (Frank Brady)
Aug. 13 Triton Work Center
Aug. 19 Make & Take a Knife Kit (Gilchrist)
Aug. 20 Intro to the Router (Gorrell)
Aug. 20 Drawer Building
Aug. 27 CNC Shark Basics (Klein)
Aug. 27 Rockler Sign Making Kits

SOUTHWEST CENTER FOR CRAFTSMANSHIP

621 N. 7th Ave., Phoenix, AZ (480) 734-0274

July 11-15 Joinery Basics
July 9, 10 Finishing: Intermediate—6 sessions
July 16-17 Tool Chest Workshop
Aug. 22 Fundamentals of Traditional Woodworking 1—8 sessions
Aug. 22 Fundamentals 1,2,3 Inclusive —35 sessions
Sept. 12-16 Joinery Advanced
Sept. 12 Fundamentals of Traditional Woodworking 2—15 sessions
Sept. 26 Build a Sculpted Rocking Chair—10 sessions

WOODCRAFT — Phoenix

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

Call for Classes

WOODCRAFT — Tucson

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

July 1 Sharpening Clinic (Randy Castellini)
July 2 Intro to the Lathe: Spindle Turning (Chris Vemich)
July 2 Fill that Gap: Gap Filling
July 9 Bowl Turning Basics (Vemich)
July 10 Intro to Woodburning (Lynne East-Itkin)
July 13 Beginning Intarsia (Dan Eklund)
July 14 Sharpening Clinic (Bridger Berdel)
July 16 Beginning Carving (Vernon Farr)
July 16 Glues in the Workshop Demo
July 17 Scroll Saw Basics (Stan Ries)
July 21 Furniture Design Basics (Mark Frost)
July 23 Hand Tool Fundamentals (Luke Addington)
July 23 Inlace
July 24 Intro to Gourd Finishing (East-Itkin)
July 28 Hand Tool Workshop (Addington)
July 30 Hand-Cut Dovetails (Addington)
July 30 Tips on Choosing Lumber
Aug. 4 Lathe Tool Sharpening (Vemich)
Aug. 5, 11 Sharpening Clinic (Berdel)
Aug. 6 Intro to the Lathe: Spindle Turning (Vemich)
Aug. 6 Worksharp
Aug. 10 Beginning Intarsia (Eklund)
Aug. 18 Turning Rough Lumber into Project-Ready Stock (Frost)
Aug. 20 Beginning Carving (Farr)

Aug. 21 Scroll Saw Basics (Ries)
Aug. 25 Hand Tool Workshop (Addington)
Aug. 27 Hand Tool Fundamentals (Addington)
Aug. 27 Magswitch

ARKANSAS

ARKANSAS ART CENTER

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

July 5 Basic Woodworking II—10 sessions
July 15 Intro to Woodturning—4 sessions
Aug. 12-13 Pen Turning
Aug. 19-20 Advanced Cutting Boards

ARKANSAS CRAFT SCHOOL

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

Aug. 12-14 Basic Wood Turning & Lathe Safety 101 (Thomas Dunn)
Sept. 9-11 Woodturning from Another Perspective (Kip Powers)

EUREKA SPRINGS ART SCHOOL

Eureka Springs, AR (479) 253-5384

July 18-22 Bent Lamination Dancing Stools & Chairs (Michael Brolly)
Aug. 1-5 Wooden Jewelry with Metal Inlay (Dan DiCaprio)
Aug. 8-12 Vacuum Lamination of Veneered Boxes (Doug Stowe)
Aug. 15-19 Relief Woodcarving & Watercolor Painting (John Engler)

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

July 26, 28 Power Tool Primer
July 16-17 Forging & Toolmaking (Vern Caron)
Aug. 1, 8 Woodworking Open Studio—5 sessions
Aug. 27-28 Forging & Toolmaking (Caron)

CALIFORNIA COLLEGE OF ARTS

1111 8th St., San Francisco, CA (510) 594-3710

July 25-Aug. 12 Wood/Furniture Techniques: Soft (Mary Little, Peter Wheeler)

CRUCIBLE

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

July 16-17 Spoon Carving by Hand
July 23-24 Woodturning I
July 29-31 The Bandsaw Box
Aug. 13-14 Fundamentals of Woodworking
Aug. 15, 22 Woodturning I—5 sessions

DAVID J. MARKS WOODWORKING

Santa Rosa, CA (707) 526-2763

July 8-10 Gilding & Chemical Patination
July 22-24 Marquetry & Inlay

DEBEY ZITO FINE FURNITURE

55 Bronte St., San Francisco, CA (707) 861-9126

Call for Furniture Making Classes for Women

ESSICK WOODWORKING SCHOOL

Grass Valley, CA (530) 264-6062

July 11-15 Woodworking Projects

FIREHOUSE 33

San Francisco, CA (207) 457-5313

July 30-Aug. 2 Hollow Wood Surfboard Building (Grain Surfboards)

JERRY KERMODE WOODTURNING SCHOOL

Sebastopol, CA (707) 824-9893

July 16-17 Beginning Woodturning (Jerry Kermode)
Sept. 24-25 Beginning Woodturning (Kermode)

KALA ART INSTITUTE

1060 Heinz Ave., Berkeley, CA (510) 549-2978

July 9 Mokuhanga I: Japanese Woodblock—3 sessions

MASTERPIECE SCHOOL OF FURNITURE

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

Call for Classes

MT. DIABLO ADULT EDUCATION

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

July 16 Woodturning Demonstrations & Discussion (Jim Rodgers)
Sept. 12, 14 Projects for Home & Yard—12 sessions (Mike Webb, Gordon Fry)
Sept. 12 Woodworking with Hand Tools—12 sessions (David Lipscomb)
Sept. 13 Intro to Woodworking, Part I—13 sessions (Dave Greenhill)
Sept. 14 Carving Water Fowl & Wildlife—12 sessions (Robert Budesilich)

WORKSHOPS • DEMOS • CLASSES

Sept. 14 Woodcarving: Beginners thru Advanced—12 sessions (Budesilich)
 Sept. 15 Intro to Woodworking, Part II—13 sessions (Greenhill)
 Sept. 16 Building Classic Furniture—13 sessions (Tim Killen)

RANDALL MUSEUM

6101 Fulton St., San Francisco, CA (415) 554-9600
 Call for Classes

ROCKLER WOODWORKING & HARDWARE

4420 Treat Blvd. #A, Concord, CA (925) 521-1800

July 2 Coping Made Simple
 July 9 Wood Turning Techniques: Wood Boxes
 July 11 Small Jewelry Box—2 sessions (Steve Randall)
 July 16 Making a Platter with a Colored Rim
 July 16 Router Table Techniques: Box Joint Jig
 July 23 Table Saw Techniques: Miter Gauges
 July 30 Wood Finishing Techniques: HVLP
 Aug. 6 Wood Turning Techniques: Kit Handles
 Aug. 8 Serving Tray—2 sessions (Randall)
 Aug. 13 Triton Work Center
 Aug. 20 Drawer Building
 Aug. 20 Turning Kitchen Utensils
 Aug. 27 Rockler Sign Making Kits

ROCKLER WOODWORKING & HARDWARE

6648 Lonetree Blvd., Rocklin, CA (916) 259-7403

July 2 3 Tier Wooden Storage/Toy Bin (Rob Hunter)
 July 2 Coping Made Simple
 July 3 3 Piece BBQ Tool Turning (Karen Brehm)
 July 9 Small Turned Wooden Box (Brehm)
 July 9 Wood Turning Techniques: Wood Boxes
 July 10 .30 Cal Bolt Action Pen Turning (Hunter)
 July 16 Memorial Flag Case (Mike Lester)
 July 16 Router Table Techniques: Box Joint Jig
 July 23 Kids Class: Bird House (Rick Tuttle)
 July 23 Table Saw Techniques: Miter Gauges
 July 24 Slimline Pen Turning (Brehm)
 July 30 Band Saw Box (Brehm & Tuttle)
 July 30 Wood Finishing Techniques: HVLP
 Aug. 6 Beer and/or Wine Caddy (Jim Lyke)
 Aug. 6 Wood Turning Techniques: Kit Handles
 Aug. 7 Pizza Slicer Turning Class (Brehm)
 Aug. 13 Custom Wooden Stool (Lester)
 Aug. 13 Triton Work Center
 Aug. 20 Custom Tool Box (Hunter)
 Aug. 20 Drawer Building
 Aug. 21 Cuban Pen Turning (Brehm)
 Aug. 27 CNC Shark-Custom Made Sign (Tuttle)
 Aug. 27 Rockler Sign Making Kits

SCHOOL OF CLASSICAL WOODCARVING

161 Greenfield Ave., San Rafael, CA (415) 457-4422

Call for Woodcarving Workshops

THE SAWDUST SHOP

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

July 9 Router Fundamentals for Beginners
 July 9 Basic Joinery 2
 July 12 Fundamentals of Woodworking: Wall Cabinet—4 sessions
 July 16-17 Fundamentals of Woodworking: Wall Cabinet
 July 20 Pens I: Turning Beautiful Pens
 July 24 Wood Carving for Beginners
 July 27 Basic Joinery 3: Box Joints
 July 30 Bandsaw Magic for Beginners
 Aug. 6 Basic Joinery 1
 Aug. 20-21 Fundamentals of Woodworking: Wall Cabinet
 Aug. 20 Turned Wooden Boxes
 Aug. 21 Wood Carving for Beginners
 Aug. 24 Basic Joinery 4: Dovetails 101
 Aug. 27 Basic Joinery 2
 Aug. 31 Sharpening Hand Tool Blades
 Aug. 31 Basic Joinery 3: Box Joints

WOODCRAFT — Sacramento

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

July 9 Sharpening
 July 10 Intro: Make a Laminated Cutting Board (Ray Woodbeck)
 July 14 Turn a European Style Pen (Jack Stellman)
 July 16 Bowl Turning (Richard Wright)
 July 16 Outdoor Finishes
 July 17 Carving a Robed Gnome or Wizard (Jim Hanson)
 July 21 Setting Up Shop (Mike Dunajski)
 July 23 Crown Molding Techniques (Pat Marion)
 July 24 Turn a Bottle Opener or an Ice Cream Scoop (Stellman)
 July 28 Intro to Power Carving (Adam Panto)

July 30 Basic Figure Carving (Panto)
 July 31 Using Your Hand Held Router (Panto)
 Aug. 4 Intro to Relief Carving (Panto)
 Aug. 6 Oval Bentwood Shaker Boxes (Panto)
 Aug. 7 Scroll Saw Intarsia (Panto)
 Aug. 11 Jack's Turning Workshop (Stellman)
 Aug. 13 Box Making
 Aug. 14 Carve a Shelf Elf! (Hanson)
 Aug. 18 Turn a Christmas Tree Ornament with Finial (Dunajski)
 Aug. 20 Discussion on Cabinetmaking Techniques (Jeremy Nuttall)
 Aug. 20 Sharpening for Wood Turners (Nuttall)
 Aug. 20 Maintaining Your Router
 Aug. 21 Intro to Wood Finishing (Rico Saboya)
 Aug. 25 Turning a Bolt Action Pen (Stellman)
 Aug. 27 Cabinetry 1: Building a Carcass & Face Frame (Nuttall)
 Aug. 28 An American Classic: The Adirondack Chair (Dunajski)

WOODCRAFT — SF Bay Area

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

Aug. 6 Intro to Turning, Sharpening & Safety (George Chisholm)
 Aug. 13 Router 101: Router Basics (Claude Godcharles)
 Aug. 13-14 Turning 101 (Chisholm)
 Aug. 21 Turning 101½—2 sessions (Chisholm)
 Aug. 24 Shop Safety as a Habit (Godcharles)
 Aug. 27 Intro to Woodworking (Godcharles)

SOUTHERN CALIFORNIA

AMERICAN SCHOOL OF FRENCH MARQUETRY

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

Call for Marquetry Classes

CERRITOS COLLEGE

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

July 17 Woodworking Fundamentals—4 sessions (Robert Thornbury)
 Aug. 20 Segmented Turning—15 sessions (Jim Driskell)

COMMUNITY WOODSHOP LA

3617 San Fernando Rd., Glendale, CA (626) 808-3725

July 2 Cutting Boards: Intro to Milling—2 sessions
 July 7 Decorative Boxes
 July 12, 16, 22 Metal + Wood Combo: Hairpin Stools—2 sessions
 July 19 Toolbox: Intro to Woodworking—4 sessions
 Aug. 14 Intro to Cabinetry—3 sessions

MOHAWK FINISHING PRODUCTS

Fullerton, CA (800) 545-0047

July 12-13 Wood Touch-Up & Repair

OFF THE SAW

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

July 16 Sharpening Your Hand Tools
 July 23 Intro to Woodworking (Laura Zahn)
 Aug. 7, 27 Intro to Woodworking (Zahn)
 Aug. 13-14 Slab Preparation & Butterfly Joints (Josh Salsbury)
 Sept. 3-4 Make a Wooden Hand Plane
 Sept. 7 Intro to Furniture Making—8 sessions (Zahn)
 Sept. 17-18 Dovetailed Step Stool (Zahn)

OTIS COLLEGE OF ART & DESIGN

9045 Lincoln Blvd., Los Angeles, CA (310) 665-6950

Aug. 29 Machine Woodworking—10 sessions (Andrew Armstrong)

ROCKLER WOODWORKING — Ontario

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

July 2 How to Strip a Table for Refinishing
 July 2 Coping Made Simple
 July 9 Using Milk Paint
 July 9 Wood Turning Techniques: Small Boxes
 July 16 Prepping & Staining Table Top
 July 16 Router Table Techniques: Box Joint Jig
 July 23 Final Finishing Techniques
 July 23 Table Saw Techniques: Miter Gauges
 July 30 Sharpening Systems
 July 30 Wood Finishing Techniques: HVLP
 Aug. 6 Wooden Hinges
 Aug. 6 Wood Turning Techniques: Kit Handles
 Aug. 13 Butterfly Inlays
 Aug. 13 Triton Work Center
 Aug. 20 Craftsman Style Quilt Rack—2 sessions
 Aug. 20 Drawer Building
 Aug. 27 Rockler Sign Making Kits

WWW.EASYDOVETAILS.COM

WORKSHOPS • DEMOS • CLASSES

ROCKLER WOODWORKING — Orange

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

- July 1, 9 Rockler Safety Class (Guy Willacker)
- July 2 Demo Build Along Series 7—5 sessions
- July 2 Coping Made Simple
- July 3 Intro to Segmented Turning—3 sessions (Don Scott)
- July 9 Intro to Pen Turning (Mike Ward)
- July 9 Wood Turning Techniques: Wood Boxes
- July 16 Router Table Techniques: Box Joint Jig
- July 16 Router Table Basics (Willacker)
- July 23 Intro to the Table Saw
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Wood Finishing Techniques: HVLP
- Aug. 6 Demo Build Along Series 8—4 sessions
- Aug. 6, 13 Rockler Safety Class (Willacker)
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 6 Beginning Bowl Turning (Scott)
- Aug. 13 Bandsaw Basics (Scott)
- Aug. 13 Triton Work Center
- Aug. 14 Intro to Pen Turning (Ward)
- Aug. 20 Drawer Building
- Aug. 21 Intro to Dovetail Jigs (Willacker)
- Aug. 27 Rockler Sign Making Kits

ROCKLER WOODWORKING — Pasadena

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

- July 2-3 Hand Tools II: Dovetails (David Tilson)
- July 2 Coping Made Simple
- July 9 Basic Shop Safety (Don Chafey)
- July 9 Wood Turning Techniques: Wood Boxes
- July 16 Router Table Techniques: Box Joint Jig
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Wood Finishing Techniques: HVLP
- July 30 Router Basics (Chafey)
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 6 Sharpening (Tilson)
- Aug. 13 Triton Work Center
- Aug. 13 Turning Wood Pens (Pete Carta)
- Aug. 20 Finishing Basics (Tilson)
- Aug. 20 Drawer Building
- Aug. 27 Rockler Sign Making Kits

ROCKLER WOODWORKING — San Diego

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

- July 2 Coping Made Simple
- July 9 Wood Turning Techniques: Wood Boxes
- July 16 Router Table Techniques: Box Joint Jig
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Wood Finishing Techniques: HVLP
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 13 Triton Work Center
- Aug. 20 Drawer Building
- Aug. 27 Rockler Sign Making Kits

ROCKLER WOODWORKING — Torrance

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

- July 2 Coping Made Simple
- July 9 Shop Safety (Lou Barcelo)
- July 9 Wood Turning Techniques: Wood Boxes
- July 16 Dovetails Using the Rockler Dovetail Jig (Israel Ortiz)
- July 16 Router Table Techniques: Box Joint Jig
- July 23 The Table Saw (Roger Davis)
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Turning Laser Cut Pens (Robert Streeter)
- July 30 Wood Finishing Techniques: HVLP
- Aug. 6 Raised Panel Doors (Ortiz)
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 13 Shop Safety (Barcelo)
- Aug. 13 Triton Work Center
- Aug. 20 Finishing 101 (Davis)
- Aug. 20 Drawer Building
- Aug. 27 The Hand Held Router (Ortiz)
- Aug. 27 Rockler Sign Making Kits

RUSS FILBECK CHAIRMAKER

San Diego, CA (858) 566-9699

- July 18-22 Chair Making: 2-Slat Ladder Back (Filbeck)
- Aug. 8-12 Chair Making: 2-Slat Ladder Back (Filbeck)

WILLIAM NG SCHOOL OF WOODWORKING

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

- July 11-16 Morris Chair (William Ng)
- July 17-23 Sculpted Rocking Chair (Ng)
- July 25-29 Making Custom Cabinets (Ng)

- Aug. 1-5 Shaker Sewing Table (Robert Turnbull)
- Aug. 6-7 Tuning & Using a Japanese Plane (Ng & Taeho Kwon)
- Aug. 8-13 Sitting Bench with Traditional Eastern Joinery (Kwon)
- Aug. 15-19 Sculpted Table (David Wade)
- Aug. 22-26 Joinery Techniques (Ng)
- Aug. 28-Sep. 4 Roubo Bench Build (Ng)
- Sept. 11-17 Building a Low Back Settee (Ng)

WOODCRAFT — Orange County

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

- July 9 Bandsaw 101 (Fred Wilmott)
- July 9 Scroll Saw Basics (Chuck Collins)
- July 10 Basic Lathe Turning Techniques (Steve Carbajal)
- July 16 Cabinet Making Basics (Larry Margules)
- July 17 Segmented Bowl Turning—2 sessions (Jim Driskell)
- July 23 Intro to Hand-Cut Dovetails (Mike Henderson)
- July 24 Pen Turning (Carbajal)
- July 30 Lathe Turned Bowls (Harry Williams)
- July 31 Table Saw Basics (Jim McWilliam)
- Aug. 13 Sharpening Chisel/Plane Iron (Bill Blackburn)
- Aug. 14 Basic Lathe Turning Techniques (Carbajal)
- Aug. 18 Pen Turning (Carbajal)
- Aug. 20 Basic Router Techniques (Ron Higgins)
- Aug. 21 Intarsia 101 (Collins)
- Aug. 27 Lathe Turned Bowls (Williams)
- Aug. 28 Crown Moulding (McWilliam)

WOODCRAFT — Ventura

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

- July 2 Band Saw Basics (Gerry Wilson)
- July 7 Box Joinery Techniques: Keyed Miter Joint (Chad Ishikawa)
- July 9 Refinishing Fundamentals (Fred Cockrell)
- July 14 Router Basics (Mark Chandler)
- July 16 Wood Burning 101 (Rich Smith)
- July 21 Pen Turning: Wall St. II Acrylic (Wilson)
- July 23 Tablesaw Basics (Chandler)
- July 28 Pen & Pencil Turning: Slim Style (Wilson)
- July 30 Small Bowl Turning (Ishikawa)
- Aug. 4 Carve a Whimsical Bark House—3 sessions (Al Plasch)
- Aug. 6 Finishing 101 (Cockrell)
- Aug. 13 Hand Plane Usage in the Modern Shop (Chandler)
- Aug. 20 Basics of Cabinet Making (Larry Margules)
- Aug. 25 Small Bowl Turning (Ishikawa)
- Aug. 27 Pen & Pencil Turning: Slim Style (Wilson)

COLORADO

ANDERSON RANCH ARTS CENTER

Snowmass Village, CO (970) 923-3181

- July 4-8 Taming the Beast: Rhino & Digital Fabrication (Fabiano Sarra)
- July 4-8 Exploring Form (Keith Gotschall)
- July 11-15 Object as Atlas: Plotting Personal Coordinates (Andy Buck, Tom Loeser)
- July 11-15 Woodturning: The Fundamentals & More (Kimberly Winkle)
- July 13-14 Dynamic Culture of Contemporary Art Making (Tom Sachs, Tom Healy)
- July 18-22 Woodworking 101: Tables & Stools (Brad Reed Nelson)
- July 18-22 Woodturning for the Absolute Beginner (Jason Schneider)
- July 25-29 Turning Corrugated Cardboard (Schneider)
- July 25-29 Constructed Vessels (Don Miller)
- July 25-29 Zero Gravity: Suspending Modernity (Marco Albini)
- Aug. 1-5 Furniture with Reused & Recycled Materials (Heather Mullins)
- Aug. 1-5 Woodturning: Open Bowls & Hollow Forms (David Ellsworth)
- Aug. 8-12 Unconventional Furniture in Public Space (Heechan Kim)
- Aug. 8-12 Woodturning Master Class (Ellsworth)
- Aug. 15-19 The Stage as Epic Object: Building Narratives in Form (Kelly Kaczynski)
- Aug. 22-Sep. 2 Building a Wooden Sailing Dinghy (Jamie Houtz)
- Sept. 12-30 Building a Banjo (Richard Newman)
- Sept. 12-23 Upholstery: Bulk, Bulges & Raw Edges (Tina Ortman)

COLORADO SCHOOL OF LUTHERIE

1457 S. Broadway, Denver, CO (303) 777-7411

- Aug. 10 Steel String Building: Fundamental—18 sessions (Victor Dick)
- Aug. 10 Steel String Building: Intermediate/Advanced—20 sessions (Dick)

CREEDE WOODCARVERS

Community Center, Creede, CO (623) 584-3541

- July 9-15 25th Annual Creede Woodcarvers Rendezvous

RED ROCKS COMMUNITY COLLEGE

13300 W 6th Ave., Lakewood, CO (303) 914-6514

- July 15, 16 Router Mortising Jig (Gillespie)

ROCKLER WOODWORKING & HARDWARE

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

- July 2 Coping Made Simple
- July 9 Wood Turning Techniques: Wood Boxes

WORKSHOPS • DEMOS • CLASSES

July 9 Turning Bowls (Bruce Perry)
 July 10 Router Workshop (Rich Johnson)
 July 16 Router Table Techniques: Box Joint Jig
 July 16-17 Woodworking 101: Table (Tracy Gray)
 July 23 Table Saw Techniques: Miter Gauges
 July 24 Turning Fundamentals (Michael Roper)
 July 30 Wood Finishing Techniques: HVLP
 July 31 Kid's Turning (Roper)
 Aug. 6 Wood Turning Techniques: Kit Handles
 Aug. 7 Hand Saw (Steve Cayou)
 Aug. 13 Triton Work Center
 Aug. 14 Bowl Turning (Roper)
 Aug. 20 Woodworking 101: Bookshelf (Gray)
 Aug. 20 Drawer Building
 Aug. 27 Rockler Sign Making Kits
 Aug. 28 Finishing-Hands On (Johnson)

ROCKY MOUNTAIN SCHOOL OF WOODTURNING

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

Call for Woodturning Classes

TRENT BOSCH WORKSHOPS

Fort Collins, CO (970) 568-3299

July 15-17 Woodturning
 Aug. 24-26 Woodturning

WOODCRAFT — Colorado Springs

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

July 9 Family Wood Turning I (Boris Krsulic)
 July 9 Sharpening
 July 10 Turn a Draft Beer Tap Handle (Lauren Allen)
 July 12-13 Power Tool Projects (Ben Myers)
 July 16 The CNC Piranha (Bob Stanforth)
 July 17 Custom Knife Scales (George Jungerman)
 July 19 Turning Tool Basics (Krsulic)
 July 23 Woodworking I—3 sessions (Brian Hubel)
 July 28 Finishing Basics (Hubel)
 Aug. 1 Maintaining Your Router
 Aug. 6 Hollow Form Wood Turning (Krsulic)
 Aug. 7 Family Wood Turning I (Krsulic)
 Aug. 13 Small Box Making
 Aug. 14 Peppermill Turning (Mark Gisi)
 Aug. 20-21 Picture Framing (Keith Jay)
 Aug. 25 Wood Selection & Stock Preparation (Hubel)
 Aug. 27-28 Dovetail Box (Myers)

WOODCRAFT — Denver

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

July 2 Turning Handle Kits (Eric Letzler)
 July 9 Build an Electric Guitar—6 sessions (Shawn Smith)
 July 23-24 Woodworking 101: Build a Box (Doug Manter)
 July 30 Intro to Woodturning (Doug Greiner)
 July 31 Turn a Bowl (Greiner)
 Aug. 5-7 Spray Finishing (Smith)
 Aug. 13 Segmented Pen (Greiner)
 Aug. 17 Woodworking 101: Build a Box—4 sessions
 Aug. 21 Intro to Hollow Form Turning (Manter)
 Aug. 27-28 Basic Cabinet Construction (Jeff Kistner)
 Aug. 27 Relief Carving (Charlie Milliser)

WOODCRAFT — Loveland

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

July 3 Beginning Intarsia (Robin Talmhain)
 July 7 Scroll Saw: Compound Cuts Chess Pieces (R. Talmhain)
 July 9 Hollow Form Turning Made Easy! (Doug Schneider)
 July 14 Sharpening Lathe Tools (Dee Talmhain)
 July 15 Realistic Carving—6 sessions (Rod Hendrickson)
 July 16 Raised Panel Doors (Bob Millikan)
 July 17 Bowl Turning Simplified (Schneider)
 July 21 Scroll Saw Fretwork (R. Talmhain)
 July 31 Scroll Saw 101 (R. Talmhain)
 Aug. 6 Dovetails with a Leigh Jig (Millikan)
 Aug. 7 Intro to Woodturning (Schneider)
 Aug. 20 Intro to the Table Saw (Millikan)
 Aug. 21 End Grain Lidded Boxes (Schneider)
 Aug. 25 Fundamental: All About Wood (Dave Dowding)
 Aug. 26 Realistic Carving—6 sessions (Hendrickson)
 Aug. 27 Cross Grain Lidded Boxes (Schneider)
 Aug. 28 Scroll Saw 101 (R. Talmhain)

HAWAII

HANA LIMA'IA

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

July 11-22 Ukulele Making

Aug. 20 Ukulele Making—10 sessions

HONOLULU MUSEUM OF ART

2411 Makiki Hgts. Dr., Honolulu, HI (808) 532-8741

July 23 Woodturning (Andy Cole)
 Aug. 13 Woodturning (Cole)

IDAHO

WOODCRAFT

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

Tues. Weekly Wood Carving (Lennie Williams)
 July 6 Router 101 (Bob Rudkin)
 July 6 Toni Twist Pen (Steve Merrill)
 July 9 Bowl Turning (Gary Smith)
 July 11-12 Milk Paint: UpCycling & Creative Combos (Gary Mee)
 July 13 Beginning Carving (Eric Owens)
 July 13 Rough to Ready
 July 20 Lathe Tool Sharpening (Steve Young)
 July 21 Wooden Spoon Making (Rex Hansen)
 July 27 Tablesaw Techniques & Safety (Rudkin)
 July 28 Porter Cable Dovetails (Aaron Cornell)
 Aug. 1 Intro to Basic Finishing (Mee)
 Aug. 3 Router 201 (Rudkin)
 Aug. 4 Intro to Hand Tools (Tim Stewart)
 Aug. 5-7 Leigh Dovetailed Jewelry Box (Cornell)
 Aug. 9 Intro to Woodburning (Sharon Becker)
 Aug. 11 Hand Tool Sharpening (Stewart)
 Aug. 13 Router Inlay (Cornell)
 Aug. 17 Lathe Tool Sharpening (Young)
 Aug. 18 Hand Tool Coaching (Stewart)
 Aug. 20 Spindle Turning (Smith)
 Aug. 31 Toni Twist Pen (Merrill)

IOWA

VESTERHEIM MUSEUM

502 W. Water St., Decorah, IA (563) 382-9681

July 23-27 Scandinavian-Style Flat-Plane Figure Carving (Harley Refsal)
 July 31-Aug. 4 Sculptured Dragon Heads in the Round (Phil Odden)

KANSAS

MOHAWK FINISHING PRODUCTS

Overland Park, KS (800) 545-0047

Aug. 16-17 Wood Touch-Up & Repair

WOODCRAFT

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

July 6 Basic Router Techniques (Mike Cobb)
 July 9 Make Your Own Japanese Kitchen Knife (Mike Jones)
 July 10 Pen Turning for Beginners (Chris Teenor)
 July 17 Basic Lathe Turning (Anthony Harris)
 July 23 The Art of Parquetry (David Roth)
 July 24 Bowl Turning Boot Camp—2 sessions (Harris)
 July 26 Total Package Finishing—3 sessions (Craig Arnold)
 Aug. 3 Intermediate Router Techniques (Cobb)
 Aug. 6-7 Make a Kitchen Cabinet (Kevin Newman)
 Aug. 13 Carve a Beautiful Slim Cardinal (Dennis Bixby)
 Aug. 14 Pen Turning for Beginners (Teenor)
 Aug. 17 The Perfect Workshop (Cobb)
 Aug. 21 Turn a Goblet or Scoop on the Lathe (Harris)
 Aug. 27 Tuning the Band Saw for Perfect Cuts (Cobb)
 Aug. 28 How to Turn the Best Stoppers (Harris)

MISSOURI

CRAFT ALLIANCE

501 N. Grand Blvd., St. Louis, MO (314) 534-7528

July 6 Woodturning: Beyond the Basics—4 sessions (Jeff Hornung)
 July 9 Beginning Wood Turning—4 sessions (John Peterson)
 July 10 Woodturning: Plates & Patterns—4 sessions (Peterson)
 Aug. 3 Lidded Boxes & Hollow Forms—4 sessions (Hornung)
 Aug. 6 Beginning Wood Turning—4 sessions (Peterson)
 Aug. 7 Turned Bowls—3 sessions (Peterson)
 Aug. 28 Try It: Sharpen & Shape (Paul Krautmann)

KANSAS CITY WOODWORKERS' GUILD

3189 Mercier St; Kansas City, MO www.kcwoodworkersguild.org

July 16 Carved Walnut Philadelphia Chair—12 sessions
 July 23 Intro to Scroll Saw

WWW.FASTDOVETAILS.COM

WORKSHOPS • DEMOS • CLASSES

MONTANA

CHIDWICK SCHOOL OF FINE WOODWORKING 146 Crooked Pine Rd., Stevensville, MT (800) 123-4567

July 25-Aug. 5 Sculpted Rocking Chair (Andy Chidwick)

NEBRASKA

MIDWEST WOODWORKERS

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

July 1, 30 Beginning Scrollsaw I
July 5 Tablesaw Basics
July 7 Carving Figurines I
July 9 Veneering
July 10 Relief Carving
July 12, 23, 29 Finishing
July 13 Jointer/Planer/Bandsaw Basics
July 14 Router Basics
July 15 Pen Turning I: Wood
July 16 Hand Cut Dovetails
July 17 Sharpening
July 18 Chip Carving I
July 19 Skew Turning
July 20 Drawer Construction
July 21 Intro to Spindle Turning—2 sessions
July 24 Architectural Carving
July 25 Chip Carving II: Borders & Rosettes
July 26 Hand Planes
July 31 Bark Carving-Whimsical Houses—2 sessions
Aug. 1 Furniture Turning—2 sessions
Aug. 2 Cabinet Series—2 sessions
Aug. 4 Tablesaw Basics
Aug. 6 Segmented Bowl Turning—2 sessions
Aug. 7 Hand Planes
Aug. 9 Pen Turning I: Wood
Aug. 10, 19, 30 Finishing
Aug. 11 Joinery
Aug. 12 Intro to Woodburning
Aug. 13 Window Method Marquetry
Aug. 15 Tablesaw Basics
Aug. 16 Pen Turning II: Acrylic
Aug. 17 Jointer/Planer/Bandsaw Basics
Aug. 18 Sharpening
Aug. 20 Intro to Bowl Turning
Aug. 21 Beginning Scroll Saw I
Aug. 22 Router Basics
Aug. 24 Wine Bottle Stoppers
Aug. 25 Carving Figurines I
Aug. 28 Inlay Edge Banding
Aug. 31 Furniture Making—2 sessions

NEVADA

COLLEGE OF SOUTHERN NEVADA

Las Vegas, NV (702) 651-4059

July 18 Basic Woodworking—6 sessions (Jamie Yocono)
July 22 Intermediate Woodworking—6 sessions (Jocono)

THE WOODWORKING SOURCE

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

July 7-8 Bandsaw Box
July 9 Cabinet Making 2: Wall Cabinet with Flat Panel Door
July 14 Woodturning I: Intro to Woodturning
July 19 Woodturning II: Spindle Projects
July 21 Woodturning III: Beginning Bowl
July 25-26 Carving for Beginners
July 29 Woodturning IV: Intermediate Bowls
July 30 Woodturning I: Intro to Woodturning
Aug. 3, 19, 31 Woodturning I: Intro to Woodturning
Aug. 11 Woodturning II: Spindle Projects
Aug. 13 Cabinet Making 3: Base Cabinet
Aug. 16 Woodturning III: Beginning Bowl
Aug. 24 Woodturning IV: Intermediate Bowls
Aug. 26 Carving for Beginners—2 sessions

WOOD IT IS!

2267 W. Gowan #106/107, North Las Vegas, NV (702) 631-1870

July 18, 22 Basic Woodworking—6 sessions (JaimieYocono)
July 19, 21, 27 Intermediate Woodworking

WOODTURNING WITH JIMMY CLEWES

Las Vegas, NV (702) 387-2033

Aug. 31-Sept. 2 Woodturning (Jimmy Clewes)

NEW MEXICO

NORTHERN NEW MEXICO COLLEGE

El Rito, NM (575) 581-4117

July 18-22 Spanish Colonial Woodworking
July 18-22 Retablo Making

SANTA FE COMMUNITY COLLEGE

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

July 5 Woodturning Studio—8 sessions

OKLAHOMA

MOORE NORMAN TECHNOLOGY CENTER

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

Aug. 27 Woodcarving for Beginners—10 sessions
Sept. 6 Furniture Making—26 sessions

WOODCRAFT—Oklahoma City

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

July 2 Turning 101 (Larry Davison)
July 13 Hand Cut Dovetails (Jim Mercer)
July 16 Beginning Woodworking: Trivet (Mike Forrest)
July 20 Build a Raised Panel Door (Aaron Knavel)
July 22 Bowl Turning (Adam Unsell)
July 23 Box Joint: Wooden Hinge Box (Knavel)
Aug. 6 Turning 101 (Davison)
Aug. 12 Turning a Duck Call (Knavel)
Aug. 17 Mortise & Tenon by Hand (Mercer)
Aug. 20 Beginning Woodworking: Trivet (Forrest)
Aug. 24 Build a Raised Panel Door (Knavel)
Aug. 26 Bowl Turning (Unsell)
Aug. 27 Box Joint: Wooden Hinge Box (Knavel)

WOODCRAFT—Tulsa

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

July 2, 21 Pen Turning (Dianne Whalen)
July 5 Learn to Turn: Brand New to Turning (Larry Exendine)
July 7 Woodturning Workshop (Exendine)
July 9 Making a Camp Axe (Todd Phillips)
July 12 Making an Acrylic Pen (Whalen)
July 14 Turning a Square Plate (Exendine)
July 16 Square Bowl Turning (Exendine)
July 19 Turn a Lidded Box (Exendine)
July 23 Build a Cigar Box Guitar (Phillips)
July 26 Making a Bottle Stopper (Exendine)
July 28 Turn a Toy Top (Exendine)
July 30 Turning Salt and Pepper Shakers (Exendine)
Aug. 4 Wood Turning Workshop (Exendine)
Aug. 6, 9, 18 Pen Turning (Whalen)
Aug. 11 Sharpening Your Lathe Tools (Exendine)
Aug. 16 Making an Acrylic Pen (Whalen)
Aug. 20 Turning a Banksia Pod (Exendine)
Aug. 23 Inlaid Inlay (Megan Benton)
Aug. 25 Turning Tealight Candle Holders (Whalen)
Aug. 27 Marquetry (Bill Shirley)
Aug. 30 Game Calls (Exendine)

OREGON

ADX

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

July 5, 19 Upholstery 101: Intro to Upholstery Tools
July 5, 19 Intro to Wood Shop
July 7, 21 Laser Cutter
Aug. 11-14 Wooden Surfboard Making

AMERICAN SCHOOL OF LUTHERIE

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

July 24-30 Hands-On Classical Guitar Making: Electric (Charles Fox)
Aug. 14-20 Set-Up, Maintenance & Basic Repair
Sept. 11-17 Hands-On Classical Guitar Making: Electric (Fox)

GUILD OF OREGON WOODWORKERS

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

July 1 Things to Consider Before You Start a Project (Chip Webster)
Sept. 8 Repairing Common Mishaps in Woodworking (Alexander Andeson)
Sept. 24 Machine Set-Up & Maintenance (Jeff Zens)
Sept. 24 Basics of Fine Woodworking

MOHAWK FINISHING PRODUCTS

Portland, OR (800) 545-0047

Aug. 23-24 Wood Touch-Up & Repair

WORKSHOPS • DEMOS • CLASSES

NORTHWEST WOODWORKING STUDIO

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

- July 7-9 Hand Planes, Spokeshaves & Scrapers (Gary Rogowski)
- July 11-15 Boxes: Working the Curve (Michael Cullen)
- July 21-23 Drawer Work: Building & Fitting (Rogowski)
- Aug. 4-6 Inlay Secrets (Rogowski)
- Aug. 22-26 Masterworks L: The Rogowski Stool (Rogowski)

OREGON STATE UNIVERSITY

Corvallis, OR (541) 737-4233

- July 23 DIY Spalting Workshop (Sara Robinson)
- July 24 Fungal Pigments Workshop (Robinson)
- July 25-26 Turning Spalted Wood (Robinson)

OREGON STATE UNIVERSITY CRAFT CENTER

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

Call for Classes

ROCKLER WOODWORKING & HARDWARE

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

- July 2 Coping Made Simple
- July 9 Wood Turning Techniques: Wood Boxes
- July 10 Beginning Turning (Paul Rasmussen)
- July 16 Router Table Techniques: Box Joint Jig
- July 17 Bowl Turning (Rasmussen)
- July 23 Table Saw Techniques: Miter Gauges
- July 24 Turning Lidded Boxes (Rasmussen)
- July 30 Wood Finishing Techniques: HVLP
- July 31 Router Basics (Don Schaefer)
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 7 Box Making—2 sessions (Jim Green)
- Aug. 13 Triton Work Center
- Aug. 20 Drawer Building
- Aug. 27 Rockler Sign Making Kits
- Aug. 28 Scroll Saw (Schaefer)

SITKA CENTER FOR ART

Otis, OR (541) 994-5485

- Aug. 26-28 Addition & Subtraction for Woodworkers (Stan Petersen)

WOODCRAFT—Eugene

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

Call for Classes

WOODCRAFT — Portland

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

- July 2 Turning a Bottle Stopper
- July 23 Beginning Lathe Turning Fundamentals (Tim Kluge)
- July 23 Carving
- July 24 Bowl Turning Basics (Kluge)
- July 30 Finishes
- Aug. 6 Turning a Lidded Box (Kluge)
- Aug. 6 Dovetails: Machine vs. Hand
- Aug. 27 Beginning Lathe Turning Fundamentals (Kluge)
- Aug. 27 Raised Panels
- Aug. 28 Bowl Turning Basics (Kluge)

WOODCRAFTERS

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

- July 9 Print Block Carving, Relief Carving (Debby Neely)
- July 16 Woodcarving with Pyrography Accents (Jim Tharp)
- July 23 Wildlife Pyrography (Shirley Malar)
- July 30 Wildlife Sculpture Carving: Walking Sticks (Ramos & Sharon Reynosa)
- Aug. 6 Print Block Carving, Relief Carving (Neely)
- Aug. 13 Pyrography (Mercedes McCreight)
- Aug. 20 Woodcarving with Pyrography Accents (Tharp)
- Aug. 27 Wildlife Pyrography (Malar)

TEXAS

HERITAGE SCHOOL OF WOODWORKING

Waco, TX (254) 754-9645

- July 6 Joinery I: Woodworking with Hand Tools
- July 7-9 Joinery II: Woodworking Basics
- July 18-30 4-Drawer Dresser
- July 23 Hand-Carved Wooden Spoons
- Aug. 6 Joinery I: Woodworking with Hand Tools
- Aug. 15-20 Foundational Joinery Course
- Aug. 15-17 Joinery II: Woodworking Basics
- Aug. 27 The Art of Sharpening
- Sept. 8-10 Relief Carving
- Sept. 12-22 European-Style Work Bench

PIONEER FARMS

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

- July 2-3 Blacksmithing

- July 10 Planes in the Woodshop
- July 10 Hand Tool Woodworking
- July 16-17 Knifemaking
- July 23 Decorative Metal Work
- Aug. 6-7 Blacksmithing
- Aug. 14 Hand Tool Woodworking
- Aug. 20-21 Knifemaking
- Aug. 27 Decorative Metal Work

ROCKLER WOODWORKING & HARDWARE — Dallas West

3810 S. Cooper St., Arlington TX (817) 417-0070

- July 2 Coping Made Simple
- July 9 Wood Turning Techniques: Wood Boxes
- July 16 Router Table Techniques: Box Joint Jig
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Wood Finishing Techniques: HVLP
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 13 Triton Work Center
- Aug. 20 Drawer Building
- Aug. 27 Rockler Sign Making Kits

ROCKLER WOODWORKING & HARDWARE — Dallas East

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

- July 2 Coping Made Simple
- July 9 Wood Turning Techniques: Wood Boxes
- July 16 Router Table Techniques: Box Joint Jig
- July 19 Basic Wood Blank Pen Turning (Dan Chenault)
- July 23 Table Saw Techniques: Miter Gauges
- July 26 Beginning Router Table (Jay Eason)
- July 30 Wood Finishing Techniques: HVLP
- Aug. 2 Beginning Table Saw (Eason)
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 13 Triton Work Center
- Aug. 16 Basic Pen Acrylic Blank Turning (Chenault)
- Aug. 20 Drawer Building
- Aug. 23 Principles & Practices of Finishing (Chenault)
- Aug. 27 Rockler Sign Making Kits
- Aug. 30 Box Joints on a Jig (Eason)

ROCKLER WOODWORKING & HARDWARE — Houston

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

- July 2 Coping Made Simple
- July 9 Wood Turning Techniques: Wood Boxes
- July 16 Router Table Techniques: Box Joint Jig
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Wood Finishing Techniques: HVLP
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 13 Triton Work Center
- Aug. 20 Drawer Building
- Aug. 27 Rockler Sign Making Kits

THE OLD TEXAS WOODCARVERS SHOP

24802 Red Oak, Magnolia, TX (281) 356-1311

Carving Classes

WOODCRAFT — Austin

10901 I.H. 35 North, Austin, TX (512) 407-8787

- July 1, 15 Pick Your Lathe Project (David Dick)
- July 2, 3 Woodshop 101 (Sandy Sternadel)
- July 5 Turning Acrylic Pens (Chris McCarron)
- July 5 Turning a Wooden Pen (McCarron)
- July 6 Sharpening Your Woodshop Tools (Jerry Davis)
- July 8-10 Garden Bench (Reuben Martin)
- July 11-14 Woodworking for Kids 2 (Paul Sauder)
- July 13 Cutting & Applying Crown Molding (Kenneth Lightle)
- July 16 Hand-Cut Dovetails (James Oliver)
- July 17 Mastering Dovetail Jigs (Davis)
- July 18 Basic Figure Carving: Boot (Joe Gallio)
- July 19-20 Spoon Carving 101 (Kat Heitman)
- July 22-24 Cabinet Making (Ron Marcil)
- July 25 Finish the Job: Selecting the Right Finish (Rick Chichester)
- July 26 Router Basics (Davis)
- July 27 Band Saw Basics & Tuning (Davis)
- July 28 Table Saw Basics (Marcil)
- July 29-31 Vegetable Holder (Sauder)
- Aug. 1 Get a Handle on Knife Making (Reuben Martin)
- Aug. 2-3 Chair Repair (David Williams)
- Aug. 5, 19 Pick Your Lathe Project (Dick)
- Aug. 6, 7 Woodshop 101 (Sternadel)
- Aug. 8-9 Woodworking Basics for Women (Marcil)
- Aug. 10 Lecture Series: Shop Layout & Planning (Lightle)
- Aug. 12-14 Rolling Arm: Bent Lamination, Savannah Chair (Davis)

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WORKSHOPS • DEMOS • CLASSES

Aug. 15-16 Picture Framing Fundamentals (Sternadel)
 Aug. 17 Turning a Wooden Pen (McCarron)
 Aug. 17 Turning Acrylic Pens (McCarron)
 Aug. 18 Basic Figure Carving: Boot (Gallio)
 Aug. 20 Elegant Shelves (Sauder)
 Aug. 22 Spray your Finish! (Davis)
 Aug. 23 Intro to Handplanes (Curtis Turner)
 Aug. 24 Sharpening Your Woodshop Tools (Davis)
 Aug. 25 Prep Your Wood: Measure Twice, Cut Once! (Chichester)
 Aug. 26-28 CNC Guitar Neck (William Haines)
 Aug. 29 Scroll Saw Basics (Daniel McNeill)
 Aug. 30-31 Build a Wooden Hand Plane (Sauder)

WOODCRAFT — Dallas

601 W. Plano Pkwy, Ste. 145, Plano, TX (972) 422-2732

July 2 Turn a Pepper Mill (Paul DeMars)
 July 3 Basic Pen Turning (Russell Bishop)
 July 5-6 Raised Panel Doors (Howard Hale)
 July 7 Basic Turning—3 sessions (John Horn)
 July 8 Woodcarving for Beginners (DeMars)
 July 9 Chip Carve a Wall Mounted Cross (DeMars)
 July 10 Finishing for the Home Shop (Hale)
 July 12-13 Glass Panel Doors (Hale)
 July 16-17 Basic Woodworking (Martin Benchot)
 July 18-19 Designer Raised Panel Jewelry Box (Mark Seay)
 July 20 Band Saw Basics (Hale)
 July 23 Cabinet Making for Beginners (Hale)
 July 24 Router Basics (Hale)
 July 25 Square Board Fundamentals (Hale)
 July 26-28 Build an End-Grain Cutting Board (Seay)
 July 30 Crown Molding for Beginners (Hale)
 July 31 Advanced Celtic Knot Pen (Bishop)
 Aug. 2-3 Designer Raised Panel Jewelry Box (Seay)
 Aug. 4 Basic Turning—3 sessions (Horn)
 Aug. 6 Turn a Pepper Mill (DeMars)
 Aug. 7 Basic Pen Turning (Bishop)
 Aug. 8-10 Build an End-Grain Cutting Board (Seay)
 Aug. 12 Woodcarving for Beginners (DeMars)
 Aug. 13 Fundamentals of Relief Carving (DeMars)
 Aug. 14 Advanced Celtic Knot Pen Class (Bishop)
 Aug. 15 Square Board Fundamentals (Hale)
 Aug. 16-17 Router Basics (Hale)
 Aug. 20-21 Basic Woodworking (Benchot)
 Aug. 22-23 Build a Spline Corner Keepsake Box (Seay)
 Aug. 24-35 Build a Wooden Hand Plane (Hale)
 Aug. 27 Mortise & Tenon Joinery (Hale)
 Aug. 28 Hand Cut Dovetails (Hale)
 Aug. 30-31 Hand Tool Basics & Sharpening (Hale)

WOODCRAFT — Fort Worth

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

Tues./Fri. Woodcarving Workshop (Steve Scholard)
 July 9 Turn a Pepper Mill (Lee Sutton)
 July 10 Beginning Scroll Saw (Chris Bannister)
 July 14 Beginning Wood Turning (Sutton)
 July 16 Folding Knife Scales (Bannister)
 July 19 Band Saw Tuning & Resawing (Sutton)
 July 21 Turn an Acrylic Wallstreet II Pen (Chris Denson)
 July 23 Basic Box Making (Steve Julian)
 July 24 Pint-Size Rocking Chair (Julian)
 July 30 Beginning Pen Turning (Denson)
 July 31 Making a Raised Panel Door (Julian)
 Aug. 6 Dovetail Joints with Porter-Cable 4212 Jig (Sutton)
 Aug. 7 Basic Box Making (Julian)
 Aug. 13 Turning a Lidded Box (Denson)
 Aug. 14 Native American Style Flute—2 sessions (Sutton)
 Aug. 15 Basic Veneering Techniques (Julian)
 Aug. 21 Pint-Size Rocking Chair (Julian)
 Aug. 25 Sharpening Turning Tools (Denson)
 Aug. 27-28 Advanced Box Making (Julian)

WOODCRAFT — Houston North

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

July 2-3 Intro to Cabinet Making (Stan Smith)
 July 7 Pen Turning: The European (Don Fluker)
 July 10 Basic Router (Phil Elmore)
 July 14 Natural-Edge Bowl Turning (Paul Kendall)
 July 16 Intro to Bowl Turning (Kendall)
 July 17 Refinishing a Cabinet Door (Sussana Dussling)
 July 21 Faux Finishing (Dussling)
 July 24 Intro to Woodworking Machines (Wendell Willoughby)
 July 28 Acrylic Pen Turning (Fluker)
 July 31 Handcut Dove Tails (Chris Brown)
 Aug. 4 Pen Turning: The European (Fluker)

Aug. 6-7 Intro to Cabinet Making (Smith)
 Aug. 11 Natural-Edge Bowl Turning (Kendall)
 Aug. 13 Intro to Bowl Turning (Kendall)
 Aug. 14 Relief Carving (Russell Miller)
 Aug. 18 Faux Finishing (Dussling)
 Aug. 21 Intro to Woodworking Machines (Willoughby)
 Aug. 25 Acrylic Pen Turning (Fluker)
 Aug. 28 Basic Router Class (Elmore)

WOODCRAFT — Houston Southwest

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

July 2-3 Basic Cabinet Making (Mike Haynes)
 July 7 Router Techniques 101 (Ken Swink)
 July 9 Tool Sharpening & Use Hands on Tormek (Jacob Clark)
 July 10 Bowl Turning Introduction (Paul Kendall)
 July 11 Sharpening One-on-One (Clark)
 July 13 Basic Pen Turning 101 (Randy Abramson)
 July 14 Faux Finishing (Sussana Dussling)
 July 16 Intro to Wood Turning, Lathe & Tools (Tommy Joe)
 July 12 The Band Saw Box (Dennis Peters)
 July 21 Fundamental Woodworking (Fred Sandoval, Jr.)
 July 23 Basic Finishing Techniques (Clark)
 July 27 Learn to Turn a Pepper Mill (Abramson)
 July 28 Hand-Cut Dovetails (Sandoval, Jr.)
 July 31 Carving a Wood Spirit Walking Stick (John Husband)
 July 31 Scroll Saw Basics (Peters)

WOODCRAFT — San Antonio

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

July 1 Turning Segmented Bowls (Louis Jordan)
 July 7 Intro to the Kreg Jig (Kelly Ventress)
 July 9 Band Saw Boxes (Ventress)
 July 15 Intermediate Scroll Saw (Jordan)
 July 18 Intermediate/Advanced Lathe Techniques (Jordan)
 July 22-24 Bamboo Backed Long Bow or Reflexed/Deflex (Tom Turgeon)
 July 30 Intro to the Lathe (Jordan)

UTAH

CRAFT SUPPLIES USA

1287 E. 1120 S., Provo, UT (800) 551-8876

July 6-8 Basic Woodturning (Kip Christensen)
 Jul. 11-15 Signature Woodturning (Nick Agar)
 July 27-29 From Tree to Table (Kirk DeHeer)
 Aug. 3-5 Basic Woodturning (Stan Record)
 Aug. 8-12 Intermediate Woodturning (DeHeer)
 Aug. 31-Sept. 2 Celtic Wall Art (Megan Williams)

WOODCRAFT

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

July 9 Turning Birdhouses (Raleigh Lockhart)
 July 14 Sharpening (Ryan Balls)
 July 16 Carving (Marilyn Ure)
 July 21 Pen Turning (Sean Snorgrass)
 Aug. 18 Pen Turning (Snorgrass)
 Aug. 20 Carvin (Ure)

WASHINGTON

ARBUTUS FOLK SCHOOL

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

July 9 Basic Woodturning: Make a Wooden Bowl (Larry Miller)
 Sept. 10 Basic Woodturning: Make a Wooden Bowl (Miller)

BALLARD WOODWORKS

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

July 31 Finishing (Stan Hiserman & Scott Anderson)

CEDAR ROOT FOLK SCHOOL

Marrowstone Island, WA (360) 379-5413

Aug. 27-28 Bow Making

CENTER FOR WOODEN BOATS

Seattle/ Cama Beach, WA (206) 382-2628

July 2-4 Family Boat Building
 July 11-16 Boatbuilding: Shearwater & Wood Duck Kayak
 Aug. 15-20 Boatbuilding: Annapolis Wherry

DARRELL PEART FURNITUREMAKER

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

July 9-10 Greene & Greene Details
 July 18-22 Build a Fremont Side Chair
 Aug. 1-6 Build a Greene & Greene Blanket Chest
 Aug. 15-20 Build a Fremont Nightstand
 Sept. 12-17 Build an Aurora Sofa Table

WORKSHOPS • DEMOS • CLASSES

ISGOOD WOODWORKS

4660 E Marginal Wy. S. #7, Seattle, WA (206) 767-3757

- July 12 Side Table 6 sessions (John Blunt)
- July 13 Lift Top Coffee Table—6 sessions (Blunt)
- July 16 Cabinetmaking—6 sessions (Blunt)

NORTHWEST CARVING ACADEMY

Fairgrounds, Ellensburg, WA (503) 481-3943

- July 10-15 Woodcarving

NORTHWEST MARITIME CENTER

431 Water St., Port Townsend, WA (360) 385-3628 x104

- July 11 Intro to Shop Tools
- July 13-19 Build a Wooden Kayak
- Aug. 1 Intro to Shop Tools
- Aug. 10-16 Build a Wooden Kayak
- Aug. 31-Sept. 5 Build an Annapolis Wherry

PACIFIC YEW, INC.

31604 SE Redmond-Fall City Rd., Fall City, WA (425) 222-6726

- July 15-17 Yew Longbow Crafting Workshop
- Aug. 5-7 Yew Longbow Crafting Workshop

PORT TOWNSEND SCHOOL OF WOODWORKING

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

- July 5-8 Build a Skateboard (John Edwards)
- July 11-15 Beginning Digital Design & Fabrication (Thea Eck)
- July 11-15 Hand Tool Heaven (Matthew Straughn-Morse)
- July 18-23 Build a Workbench (Straughn-Morse)
- July 18-22 Intermediate Digital Design & Fabrication (Andy Pitts)
- July 25-29 Deep Relief Carving: Viking Age Motifs (Jay Haavik)
- July 25-29 Build a Musical Instrument (Edwards)
- Aug. 1-12 Furniture Essentials: Standing Desk (Straughn-Morse)
- Aug. 13 Coopering (Steve Haberser)
- Aug. 15-19 Hand Tool Heaven (Straughn-Morse)
- Aug. 22-26 Just Joints (Straughn-Morse)
- Aug. 26-28 "Gypsy Wagons" Design Seminar (Haberser & Greg Kossow)
- Aug. 29-Sept. 2 Scandinavian Carving Spoons & Shrink Pots (Jarrod Stone Dahl)
- Sept. 3-4 Swedish Spoon Carving (Dahl)
- Sept. 5-16 Demilune Table (Garrett Hack)
- Sept. 12, 19 Foundations of Woodturning—5 sessions (Bonnie Klein)
- Sept. 16-30 Green Woodturning: Bowls & Boxes (Tom Henscheid)
- Sep. 26-Dec. 16 Foundation of Woodworking
- Sep. 26-Dec. 16 Furniture Making: Finding Your Voice

PRATT FINE ARTS CENTER

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

- July 9 Beginning Blacksmithing—6 sessions
- July 9 Pen Turning (Daniel Pittsford)

QUILCEDA CARVERS

Friday Creek Campground, Bow, WA (360) 724-4811

- July 29-31 "Spit & Whittle" Camp-Out

RE STORE

Bellingham, WA (206) 297-9119

- Sat. Demonstrations (Eberhard Eichner)

ROCKLER WOODWORKING — Seattle North

832 N.E. Northgate Wy., Seattle, WA (206) 634-3222

- July 2 Coping Made Simple
- July 9 Wood Turning Techniques: Wood Boxes
- July 9 Turn a Fountain Pen (Ron Helgeson)
- July 16 Router Table Techniques: Box Joint Jig
- July 17 Joinery 101 (Bill Levering)
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Wood Finishing Techniques: HVLP
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 7 Hand Plane 101 (Levering)
- Aug. 13 Triton Work Center
- Aug. 13 Turn the Pen of Your Choice (Casey Sheehan)
- Aug. 20 Drawer Building
- Aug. 27 Rockler Sign Making Kits

ROCKLER WOODWORKING — Seattle South

345 Tukwila Pkwy., Tukwila, WA (206) 244-9161

- July 2 Router Table Techniques: Rail and Stile Bits
- July 2 Coping Made Simple
- July 9 Weekend Woodturning Projects: Off Center Turning
- July 9 Wood Turning Techniques: Small Boxes
- July 16 Wood Turning Techniques: Natural Edge Bowl
- July 16 Router Table Techniques: Box Joint Jig
- July 23 Weekend Woodturning Projects: Lattice
- July 23 Table Saw Techniques: Miter Gauges
- July 30 Basic Band Saw Boxes
- July 30 Wood Finishing Techniques: HVLP

- Aug. 6 Weekend Woodturning Projects: Segmented Bowls
- Aug. 6 Wood Turning Techniques: Kit Handles
- Aug. 13 Weekend Woodturning Projects: Bottle Stoppers
- Aug. 13 Triton Work Center
- Aug. 20 Let's Make Things Move with Simple Gears & Cams
- Aug. 20 Drawer Building
- Aug. 27 Wood Turning Techniques: Carbide Tools
- Aug. 27 Rockler Sign Making Kits

TERRA FIRMA DESIGN

2139 Humboldt St., Bellingham, WA (360) 393-7577

Call for Classes

WOODCRAFT — Seattle

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

- July 1-2 Turning 101 (Jack Wayne)
- July 2 Using Festool's Domino System
- July 2 Handsaw's Explained
- July 5-6 Eye Catching Cutting Boards (John Jones)
- July 7 Sawdust Therapy II: Beginning—5 sessions (Steve Dando)
- July 8 Sharp Pointy Things: Knife Making (Ian McPherson)
- July 9 Turning Traditional Pasta Rollers (David Lippincott)
- July 9 Traditional Bench Jigs
- July 10 Hand Tool Basics (Drew Eballo)
- July 10, 24 Turning Tool Pro Sharpening
- July 12 Bandsaw 101 (Jones)
- July 13 Beginning Relief Carving: Acanthus Leaf—4 sessions (Saman Shojaei)
- July 16-17 Cajon: Making the Box Drum (Jeff Marsden)
- July 16 Festool Router Table
- July 16 Sharpening Carving Chisels
- July 16 How to Get the Most Out of Hand Planes
- July 19 Table Saw 101 (Jones)
- July 22-23 Turning 101 (Wayne)
- July 23 Leigh Router Table Dovetail Jig
- July 23 Make a Spinning Top on the Lathe
- July 24 Turning a 4-Tone Train Whistle (Marsden)
- July 26 Dovetail Saw Workshop—4 sessions (Marsden)
- July 29 Japanese Chef's Knives (McPherson)
- July 30-31 Fisherman's Dip Net (Marsden)
- July 30 Methods for Laying Out & Marking Wood
- Aug. 5 Sharp Pointy Things: A Knife Making Course (McPherson)
- Aug. 6 Bench Accessories for Hand Tools (Eballo)
- Aug. 6 Sorby ProEdge Plus
- Aug. 10 Flat, Square, & Straight: Jointer/Planer/Tablesaw (Jones)
- Aug. 11 Router 101 (Dando)
- Aug. 12-13 Turning 101 (Wayne)
- Aug. 14, 28 Turning Tool Pro Sharpening
- Aug. 15 Sawdust Therapy I: Beginning—5 sessions (Dando)
- Aug. 18 Template Routing (Dando)
- Aug. 19 Bandsaw 101 (Jones)
- Aug. 20-21 Turning Rice Bowls & Sushi Platters (Wayne)
- Aug. 20 Scroll Saw's Explained
- Aug. 23-26 The Roubo: A Workbench's Workbench (Marsden)
- Aug. 27-28 Carving in the Round (Shojaei)
- Aug. 27 Hand Saw's Explained

WOODCRAFT — SPOKANE

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

- July 1 Intro to the Wood Lathe (Pat Hickey)
- July 2 Advanced Pen Turning (John Ferrell)
- July 9 Turning a 6" Peppermill (Hickey)
- July 10 Basic Woodshop Safety (Marc Daniels)
- July 16 Jigs & More (J.D. Walker)
- July 17 Knife Making 101 (David Shockley)
- July 22 Basic Woodshop Safety (Daniels)
- July 23 Bandsaw Boxes Made Simple (Larry Loe)
- July 24 Lumber Preparation: From Rough to Ready (Bob Brown)
- July 30 Making the Electric Guitar—5 sessions (Daniels)
- Aug. 13 Reviving & Restoring Hand Planes (Shockley)
- Aug. 14 Basic Woodshop Safety (Daniels)
- Aug. 19 Basic Bowl Turning (Hickey)
- Aug. 20 Scroll Sawing Manmade Materials (Harlem Sandberg)
- Aug. 21 Table Saw Basics (Walker)
- Aug. 26 Basic Woodshop Safety (Daniels)
- Aug. 27 Pen Turning Basics (Ferrell)
- Aug. 28 Bandsaw 101 (Loe)

WYOMING

CURT THEOBALD WORKSHOP

Pine Bluffs, WY (307) 245-3310

Call for Segmented Woodturning Workshops

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Profile: Danny Kamerath



Danny Kamerath enjoys all aspects of wood-working, even hand sanding a stool.

"I use wood because it comes in an endless variety of colors, shades, and grain patterns, which can be combined into wonderful compositions."

Danny's fascination with making chairs has resulted in an eclectic collection around his dining room table.



Danny Kamerath of Mason, TX considers himself "a goofball, with a bandsaw and a discerning eye." Here is Danny's story, in his own words:

I have always made stuff. I went to college with the intent of studying art and sculpture, but a charismatic teacher channeled me towards advertising graphic design, which has provided a comfortable living for many years.

In 1988, my wife and I bought a 1926 Tudor-style bungalow house in an old Dallas neighborhood, whose lovely dining room that sat unfurnished for a long time. The curse of being a designer is that you look at everything critically. We just could not find any dining room furniture that suited us. Having taken 8th grade woodshop, I embarked on creating our own.

I drew sketches of chairs, until I came up with a design that I liked, and had an associate at work lie on her side on the floor to outline her shape to determine proportions. In my spare time, I would sneak up to my attic—where I had a little bandsaw, a little sander, and a little drill press—to work on it. Since my design job consumed 60-70 hours a week and summer months were too unbearable to be in the attic, it took a year to complete this first chair. During this time, other designs came to mind, and I found myself sitting in business meetings making sketches. By the time that first chair *Susan* (lower right) was completed, I had a hundred sketches and no desire to repeat that same chair seven more times. Thus, the second was different, as was the third, fourth, etc., until our dining table was filled with a variety of chairs in various woods (see below).

By 2005—after 25 years in advertising—I was starting to burn out, and decided that making furniture was more fulfilling. I upgraded my equipment and began woodworking full-time, limited only by my imagination and what would fit through the 8' x 3' attic door.

Chairs continued to be my major form of expression. People like chairs, and it provides a vehicle for experimentation with materials. As seen on my website, I have created dozens and dozens of extremely functional pieces—embodying a diverse range of design elements—as well as transcending to the pure whimsy—sculptures utilizing scrap materials too beautiful to throw away.

My initial work in cabinetry took a very traditional form, but I was not satisfied. Being a fan of **Piet Mondrian**, I like gridwork and think scaffolding on buildings looks pretty cool. In fact, I preferred the Washington Monument when it had scaffolding around it, while under renovation. So, I began making cabinets enclosed by gridwork, constructed with hand-cut half-lap joints. The result is a strong, lightweight framework, with a distinctive design element. *Debby*, with the Modrian-style doors (upper right), is a great example. The *Wenge*, used for the gridwork, matches the client's dining table.

The *Kampa* coffee table (on the cover) took grid work to another dimension, by sculpting the framework into an organic shape. Again, the grid is lightweight (10 lbs.), with the structural integrity to support the 60 lb. glass top.



Martin Too
African
Mahogany
(46" h, 44" w, 19" d)



Debbi
Wenge, Sepele,
Padouk, Rosewood,
Bubinga, Satinwood,
Tiger Maple, African
Mahogany, Anigre,
Birds'-Eye Maple,
Striped Ebony, Gabon
Ebony, Purpleheart,
Cherry & more
(34³/₄" h, 54" w, 20" d)

I try very hard to customize the work to the client. *Martin Too* (above) was crafted for an Australian mountain climber, with the African Mahogany body resembling a mountain range poking through the clouds.

I can't stand the idea of wasting good wood, even scraps too small for furnituremaking. I started carving these pieces into simple little birds and vessels, including a whole series of funky bowls. As this path progressed, I made larger objects and began buying / finding wood, specifically to make vessels.

A popular series has been my *Splash Bowls* (right), resembling the splash made by a drop of water. Rather than turning, I prefer carving, to keep each piece from looking mechanical or symmetrical. My objective is to create the sense of gravity, motion, and fluidity, frozen in time. It takes a lot longer than using a lathe, but it gives me more time to enjoy touching and feeling the wood.

There is something magical about wood. You never know what you are going to get, until you start working it. This is the most satisfying work that I have ever done. I really like getting up in the morning, going to the shop, cutting wood, sanding wood,

and finishing wood. I like every part of it. I see my friends from the corporate world, and none of them are happy. They all want to be doing something else, but they have not found it! I found it. It feels good in my soul to work wood. I invite you to see more of my work at: www.dannykamerath.com.



Splash Bowl
Bloodwood
(3" h, 6" w, 6" d)

Kate, Brett, Bob, Damian

Nathan 2
Black Walnut
(33¹/₂" h, 21" w, 21" d)



Susan
Finnish Birch Plywood, Cherry
(35¹/₂" h, 17" w, 19¹/₂" d)



Tom Too
African Blackwood, Zircote
(31³/₄" h, 12¹/₂" w, 15" d)



CALENDAR & EVENT INDEX

JULY

- thru May 30 **EXHIBIT:** *Hawai'i in Design* at Honolulu Museum of Art, **Honolulu, HI.** (808) 532-8741.
- thru May 30 **EXHIBIT:** *Unseated* at Denver Art Museum, **Denver, CO.** (720) 865-5000.
- thru Oct. 29 **EXHIBIT:** *Sculpture in the Garden* at Maloof Discovery Garden, **Alta Loma, CA.** (909) 980-0412.
- thru Oct. 23 **EXHIBIT:** *Japanese Lacquerware* at Asian Art Museum, **San Francisco, CA.** (415) 581-3500.
- thru Sept. 11 **EXHIBIT:** *White Snow Wood Sculptures* at Henry Art Gallery, **Seattle, WA.** (206) 543 2280.
- thru Sept. 7 **EXHIBIT:** *A Century of Japanese Lacquer* at Denver Art Museum, **Denver, CO.** (720) 865-5000.
- thru Sept. 4 **EXHIBIT:** *Case Work* at Portland Art Museum, **Portland, OR.** (503) 226-2811.
- thru Sept. 4 **EXHIBIT:** *Fine Craft Invitational* at Foothills Art Center, **Golden, CO.** (303) 279-3922.
- thru Sept. 4 **EXHIBIT:** *Medieval to Metal: The Art and Evolution of the Guitar* at History Museum of Sonoma County, **Santa Rosa, CA.** (707) 579-1500.
- thru Sept. 4 **EXHIBIT:** *Windfall* at Craft & Folk Art Museum, **Los Angeles, CA.** (323) 937-4230.
- thru Aug. 31 **EXHIBIT:** *New Work* at Northwest Woodworkers Gallery, **Seattle, WA.** (206) 625-0542.
- thru Aug. 28 **EXHIBIT:** *Art From the Lathe II* at AAW Gallery of Wood Art, **St. Paul, MN.** (651) 484-9094
- thru Aug. 28 **FESTIVAL:** *Sawdust Festival & Art-A-Fair, Laguna Beach, CA.* Sawdust: (949) 494-3030, Art-A-Fair: (949) 494-4514.
- thru Aug. 27 **EXHIBIT:** *Sam Maloof Woodworker* at Maloof Foundations Gallery, **Alta Loma, CA.** (909) 980-0412.
- thru Aug. 24 **EXHIBIT:** *ReTooled* at Museum of Texas Tech, **Lubbock, TX.** (806) 742-2490.
- thru Aug. 21 **EXHIBIT:** *Joel Shapiro* at Nasher Sculpture Center, **Dallas, TX.** (214) 242-5100.
- thru Aug. 21 **EXHIBIT:** *Student Craft 2016* at Mingei International Museum, **San Diego, CA.** (619) 239-0003.
- thru Aug. 20 **EXHIBIT:** *The Spotlight: Functional Lighting as Illuminated Sculpture* at Craft in America, **Los Angeles, CA.** (323) 951-0610.
- thru Aug. 14 **EXHIBIT:** *Balance and Tension* at the Bellevue Art Museum, **Bellevue, WA.** (425) 519-0770.
- thru July 30 **EXHIBIT:** *Folk Art in the Norwegian Tradition* at Vesterheim Norwegian-American Museum, **Decorah, IA.** (563) 382-9681.
- thru July 30 **EXHIBIT:** *Treasures* at Surfing Heritage & Cultural Center, **San Clemente, CA.** (949) 388-0313.
- thru July 24 **EXHIBIT:** *Inventing through Glass,*

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<i>Wood, and Cardboard</i> at Museum of Geometric and MADI Art, Dallas, TX. (214) 855-7802.		8-10	(707) 937-2486.
thru July 10 EXHIBIT: <i>Artist Showcase</i> at World Forestry Center, Portland, OR. (503) 228-1367.	8-10	FAIR: <i>Oregon Country Fair, Elmira, OR.</i> (541) 343-4298.	
thru July 10 EXHIBIT: <i>Form Matters</i> at Sky Harbor Airport, Phoenix, AZ. (602) 273-8863.	8-9	FAIR: <i>Jackson Hole Art Fair</i> at Miller Park, Jackson Hole, WY. (307) 733-8792. <i>Also Aug. 12-14.</i>	
thru July 10 EXHIBIT: <i>The Zeitgeist—Capturing the Times through Art</i> at Petaluma Art Center, Petaluma, CA. (707) 762-5600.	8-9	OPEN HOUSE: <i>Open House</i> at Lie-Nielsen Toolworks, Warren, ME. (800) 327-2520.	
thru July 9 EXHIBIT: <i>Wood Ink Fiber</i> at Donkey Mill Art Center, Holualoa, HI. (808) 322-3362.	9-Sept. 24	EXHIBIT: <i>Maritime Art Exhibit</i> at Coos Bay Art Museum, Coos Bay, OR. (541) 267-3901.	
thru July 4 EXHIBIT: <i>Fine Art/Fine Craft Juried Exhibition</i> at Marin County Fair, San Rafael, CA. (415) 499-7048.	10	SWAP: <i>Rocky Mountain Tool Collectors,</i> Monument, CO. (720) 202-1372.	
1-31 EXHIBIT: <i>Brian Watson</i> at Bainbridge Arts & Crafts, Bainbridge Island, WA. (206) 842-3132.	15-17	FESTIVAL: <i>Salem Art Fair & Festival</i> at Bush's Park, Salem OR. (503) 581-2228.	
1-31 EXHIBIT: <i>Members' Work</i> at Artwood, Bellingham, WA. (360) 647-1628.	17-Aug. 16	EXHIBIT: <i>Fine Art Woodworking</i> at Orange County Fair, Costa Mesa, CA. (714) 708-1500.	
1-31 EXHIBIT: <i>Tony Lygate</i> at Gallery M, Half Moon Bay, CA. (650) 726-7167.	17-18	EXHIBIT: <i>Best of the Northwest</i> at Magnuson Park, Seattle, WA. (360) 221-6191.	
1-4 FESTIVAL: <i>Cherry Creek Arts Festival</i> in Cherry Creek North, Denver, CO. (303) 355-ARTS.	22-Aug. 30	EXHIBIT: <i>Blair + Ernst</i> at GVG Contemporary, Santa Fe, NM. (505) 982-1494.	
2-Sept. 25 EXHIBIT: <i>Surf Craft: Design and the Culture of Board Riding</i> at Sonoma Valley Museum of Art, Sonoma, CA. (707) 939-7862.	23	SYMPOSIUM: <i>Creativity in Woodturning,</i> Olympia, WA. (360) 918-2304.	
2-4 FESTIVAL: <i>Lake Union Wooden Boat Festival</i> at South Lake Union Park, Seattle, WA. (206) 382-2628.	27-Sept. 4	EXHIBIT: <i>Gary Zeff</i> at Boulder Arts & Crafts Gallery, Boulder, CO. (303) 443-3683.	
5-Aug. 31 FESTIVAL: <i>Festival of the Arts, Laguna Beach, CA.</i> (949) 494-1145.	AUGUST		
7-31 EXHIBIT: <i>Hib Sabin: Solo Exhibit</i> at Stonington Gallery, Seattle, WA. (206) 405-4040.	1-31	EXHIBIT: <i>Christopher Cantwell</i> at Gallery M, Half Moon Bay, CA. (650) 726-7167.	
8-Aug. 13 EXHIBIT: <i>Juried Exhibition</i> at Texarkana Regional Arts Center, Georgetown, TX. (512) 943-1800.	1-31	EXHIBIT: <i>Intarsia</i> at Artwood, Bellingham, WA. (360) 647-1628.	
8-31 SHOW: <i>Fine Woodworking</i> at Odd Fellows Hall, Mendocino, CA.	5-7	SHOW: <i>American Craft Show</i> at Fort Mason Center, San Francisco, CA. (800) 836-3470.	
	6-Mar. 12	EXHIBIT: <i>The Erik Gronborg Experience</i> at Mingei International Museum, San Diego, CA. (619) 239-0003.	
	6-7	FESTIVAL: <i>Beaver Creek Art Festi-</i>	

CALENDAR & EVENT INDEX

7	val at Beaver Creek Village, Avon, CO. (561) 746-6615.				
11-14	SWAP: Old Tool Swap Meet at Rockler Woodworking, San Diego, CA. (951) 686-5825.	19-20	lectors 'Best in the West,' Seattle, WA. (503) 628-1488.	3-4	(360) 221-8262.
12-21	EXHIBIT: Objects of Art at El Museo, Santa Fe, NM. (505) 660-4701.	20-Feb. 28	SHOW: Midwest Scroll Saw and Woodworking Trade Show at Dubuque County Fairground, Dubuque, IA. (608) 348-8332.	5-7	SWAP: Rocky Mountain Tool Collectors at Castle Rock, CO. (720) 202-1372.
12-14	EXHIBIT: Commitment to Excellence Art Exhibition at Honolulu Museum of Art School, Honolulu, HI. (808) 532-8741.	20	EXHIBIT: Furniture as Art as Furniture: Southern California Studio Furniture at LAX Airport, Terminal 3, Los Angeles, CA. (310) 717-9178.	9-11	FESTIVAL: Gathering at the Great Divide, Breckenridge, CO. (970) 547-9326.
12-14	OPEN STUDIOS: Bainbridge Island Open Studios, Bainbridge Island, WA. (206) 842-0504.	24-27	SWAP: Tool Swap Meet at Anderson Plywood, Culver City, CA. (310) 397-8229.	10	FESTIVAL: Wooden Boat Festival, Port Townsend, WA. (360) 385-3628.
12-14	FESTIVAL: Kimball Arts Festival, Park City, UT. (435) 649-8882.	26-28	SHOW: International Woodworking Fair at Georgia World Congress, Atlanta, GA. (404) 693-8333.	10	SWAP: Pacific NW Tool Collectors in Hillboro, OR. (503) 628-1488.
12-14	FESTIVAL: Sun Valley Center Arts & Crafts Festival in Atkinson Park, Ketchum, ID. (208) 726-9491.	26-28	FESTIVAL: Art in the High Desert, Bend, OR. (541) 322-6272.	16-18	SWAP: Old Tool Swap Meet at Arroyo Hardwoods, Pasadena, CA. (951) 686-5825.
13-Sept. 4	EXHIBIT: Art in the Redwoods at Gualala Arts Center, Gualala, CA. (707) 884-1138.	26-28	SYMPOSIUM: SWAT Woodturning Symposium, Waco, TX. (325) 242-0904.	16-18	SEMINAR: SDFWA Fall Seminar, San Diego, CA. (858) 484-4366.
13-14	EXHIBIT: Sculpture in the Park at Benson Sculpture Garden, Loveland, CO. (970) 663-2940.	26-28	FESTIVAL: Woodfest 2016 at Amana Colonies RV Park's Event Center, Amana, IA. (319) 622-3908.	16-18	SYMPOSIUM: Rocky Mountain Woodturning Symposium at Ranch/Larimer Cnty Fairgrounds, Loveland, CO. (970) 663-1868.
13	SWAP: P.A.S.T. Summer Show at Veteran's Building, Sonoma, CA. (707) 545-8812.	SEPTEMBER		22-26	CONFERENCE: Woodworking in America at Northern Kentucky Convention Center, Cincinnati, OH. (877) 746-9757.
15-21	SYMPOSIUM: Frogwood 2016, Gresham, OR. (503) 244-6921.	3-5	FESTIVAL: Art in the Pearl in Pearl District, Portland, OR. (503) 722-9017.	24-25	SYMPOSIUM: The Ornamental Woodturners at Stapleton North Doubletree Hotel, Denver, CO. www.ornamentaltturners.org .
19-21	SWAP: Pacific Northwest Tool Col-	3-5	SHOW: Woodpalooza at Whidbey Island Art Center, Langley, WA.		SYMPOSIUM: Great Falls Woodturning Symposium, Great Falls, MT. (406) 452-3238.

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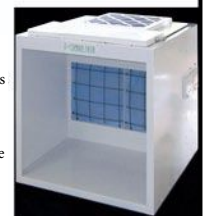
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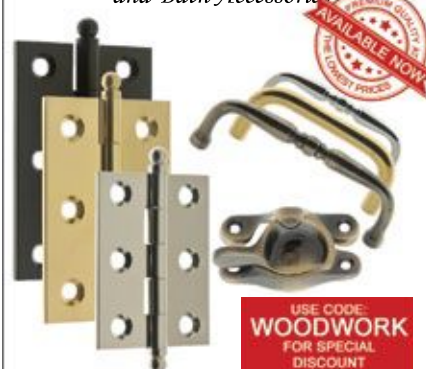
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In May, artist **Katie Paterson** and architects **Zeller & Moya** unveiled a public art project in the Royal Fort Gardens of Bristol University in England. *Hollow* is a cavern, constructed of over 10,000 unique tree species, gathered from across the planet.

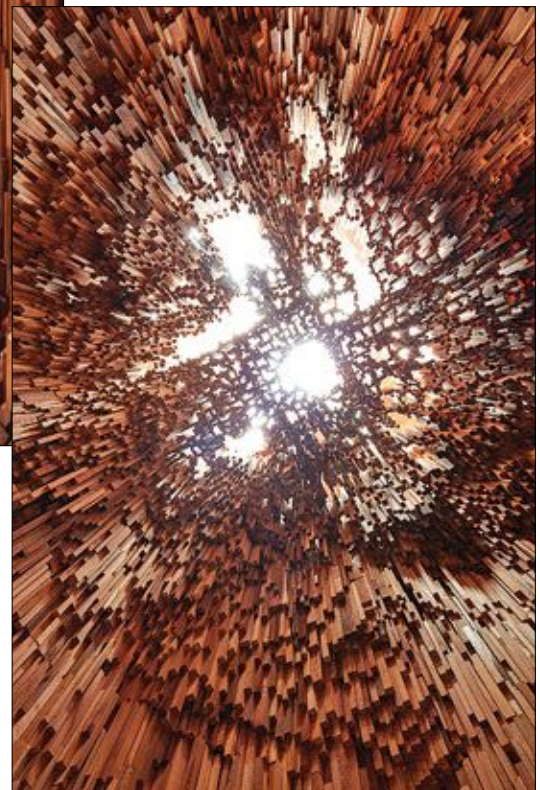
Following three years of research, samples were collected, ranging from petrified wood fossils of ancient forests to the most recent emerging species. There is wood from the California's *Methuselah* tree (thought to be one of the oldest trees in the world at 4,847 years of age); the Indian Banyan Tree, under which the Buddha achieved enlightenment; the Japanese Ginkgo tree that survived the bomb dropped on Hiroshima; the Panama Canal Railway; and the iconic Atlantic city boardwalk, devastated by Hurricane Sandy in 2012.

Thousands of wooden blocks, differing in size, comprise the interior, hanging from above as if stalactites. Small openings in the vaulted ceiling allow just enough natural light to filter in to create the dappled effect of a forest canopy. The structure is protected by an exterior wall of Douglas Fir posts.

Described as a "miniature forest of all the world's forests", the installation aims to present the history of the planet through the immensity of tree specimens. For more info, visit the website: www.hollow.org.uk.



Views of *Hollow*, a public art installation in Bristol, England, constructed of wood from over 10,000 wood species.



RESEARCHERS TURNING WOOD TRANSPARENT

Natural wood comes in a palette of colors, but soon it may be available in clear. Researchers at the University of Maryland have developed transparent wood. It's as clear as glass, but much stronger and more biodegradable than plastic.

This has been accomplished by removing the lignin—the structural polymer in plants that gives wood its rigidity and color. By boiling wood in a tub of water, sodium hydroxide, and other chemicals for about 2-hours, the lignin percolates from the wood's cellular walls and dissipates. Though the lignin is gone, the underlying structures of the wood remain intact. Soaking in epoxy strengthens the cells to become four to six times stronger and renders it highly transparent.

The ramifications are enormous. The transparent wood has more strength and better insulating properties than glass. It also has better biodegradability than ordinary plastic and is shatter-proof as well.



Though having a slight haze, this provides a possible advantage for solar cells, allowing better capturing of light to boost efficiency.

However, this technique is still in its early stages of development. Currently, only wood chunks that are about 5" x 5" in size can be made transparent. Future plans include scaling up the process to accommodate larger wooden blocks.

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