



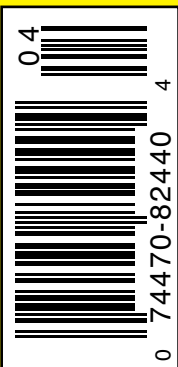
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ON THE COVER

Brian Newell

Brian Newell of Fort Bragg, CA thinks beyond the straight line. His pieces are curvilinear, often designed to be viewed in the round. An example is his *Ebony Desk* (43" h, 71" w, 38" d), made of Ebony and Pearwood and composed of curvilinear components. Read about Brian in a *Profile* on pages 54-55.

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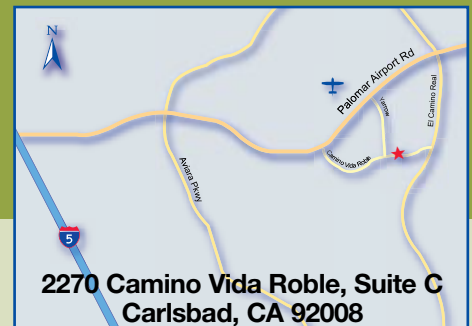
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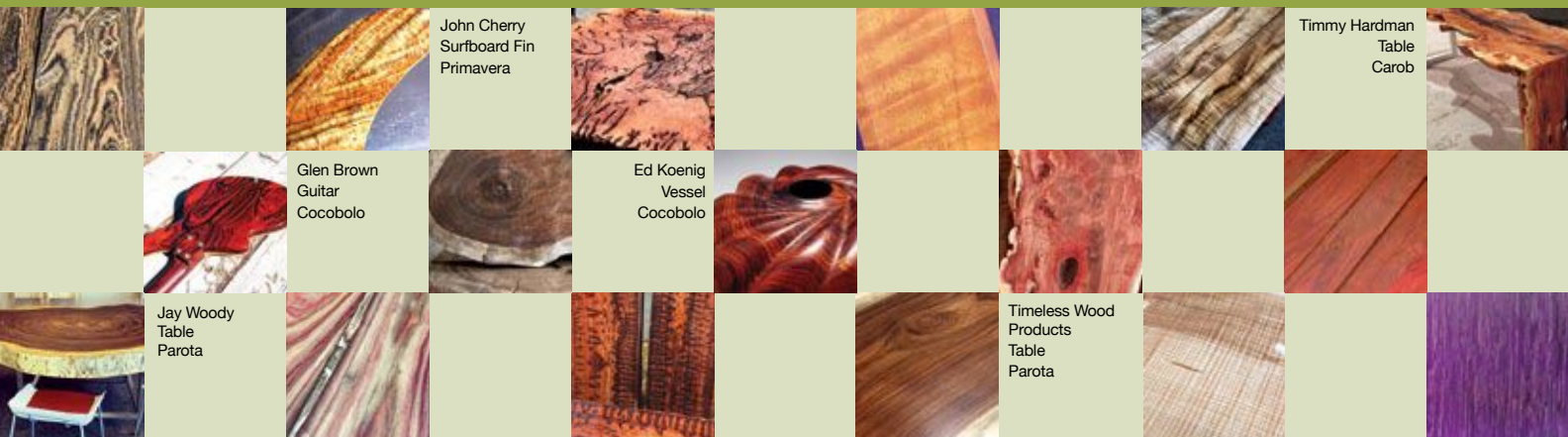
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Largest Woodworking Show of the Year

AWFS WOOD MACHINERY FAIR JULY 19-22 — LAS VEGAS, NV

It's Showtime! The **AWFS®Fair 2017** brings the latest in woodworking machinery, supplies, and services, July 19-22, to the Convention Center in Las Vegas, NV. This show has everything for every type of woodworker—from large-scale wood product manufacturers to custom shops and hobbyists.

EXHIBITORS

This 55th biennial show will be the largest in recent years, with over 600 exhibiting companies displaying woodworking hardware, tools, and machinery; board and panel products; upholstery material; wood components; supplies; services; plastics fabrication, and new technologies. Here, you will see everything from scrollsaws to huge machinery that simply output furniture—all in operation with knowledgeable representatives to answer questions. (See page 38-39 for advise on how to prepare to shop the AWFS Exhibit Floor).

EDUCATION

Many exhibitors will be conducting demonstrations and workshops on the exhibit floor. Others offer *SMART (Special Machinery and Relevant Technology)* seminars at their booths—early each morning before the show opening—for more in-depth discussions of their products.

More formal education opportunities are provided through the *College of Woodworking Knowledge*. The 54 sessions follow along ten tracks: *Furniture, Cabinet/Millwork, Small Shops, Business Management, Workforce Development, Industry, Software & Technology, Techniques & Applications, Safety & Environment, and Teachers*. In addition, full-day pre-show symposia cover finishing, closets & storage, and leadership. A full description of these educational programs is available at: www.awfsfair.org.

In addition, there will be a showcase, *Industry 4.0*, of future technology, including: *Artificial Intelligence; Augmented and Virtual*

Reality; Robotics; 3D Printing; Cloud Computing; Internet of Things (IOT) and Internet of Services (IOS).

FEATURED SPEAKERS

The **AWFS®Fair** Keynote Presentation will be given by actor **John Ratzenberger**. Besides starring in *Cheers*, he began his career as a finish carpenter, produced the *Made in America* television series, and is currently promoting the reinvigoration of skills training, from re-instating shop classes in schools to creating apprentice programs for returning veterans. He also will be interviewed for a podcast on the *AWFS Stage*, as well as furnituremaker **Sarah Marriage**.

AIMING AT THE MAKER MARKET

This year, a special emphasis has been placed on attracting the small shop and hobbyist market. New offerings include the *Maker Lounge*, for casual networking among woodworking enthusiasts and makers; *Make-n-Take*, for hands-on experiences; *Meet the Maker*, Q&A sessions with **Marc Spagnuolo** and **Kyle Toth**; and the *Higher Education Learning Pavilion*, with representatives from schools and training programs. There will also be on-going wood-turning demonstrations at the **AAW** booth by **Jimmy Clewes** and **Christn Brispierre**.

EXHIBITIONS

Always popular is the student exhibition/competition. Top high school and college students from across North America will compete in the *Fresh Wood* furniture design competition and the new *Turning to the Future*, a turned wood showcase organized by the AAW. Fair attendees can vote for their favorite pieces, and awards will be announced at a ceremony on Friday, July 21.

On-line and on-site registration is available for \$50, with discounts for teachers and students. For more info, seminar registrations, and hotel discounts, visit the web site: www.awfsfair.org or call (800) 946-2937.



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Woodworker WEST

July-August 2017 Vol. 30, No. 4

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Woodworking Observations

The 55th biennial **AWFS®Fair** in Las Vegas is only weeks away. This is the mecca for woodworkers; the Disneyland of tools and machinery. You will find everything you need, and things that you didn't know you needed. And then, there are those new multi-axis, multi-head CNC machining centers that we can simply watch in amazement, as furniture parts are outputted in a single process.

This will be my 15th AWFS machinery show. When the Fair moved from Anaheim to Las Vegas, attendance by the small shop operators and hobbyists fell significantly. This year, organizers are putting great efforts into recapturing this audience by offering several new attractions, including the *Maker Lounge* to increase networking opportunities, the *Make-n-Take* for hands-on experiences, interactions with Internet woodworking celebrities who have major followings, and greater involvement by the **American Association of Woodturners** in promoting their craft.

Given the strong exhibitor registration, this year's Fair promises to be exciting. The expanded exhibit hall is nearly sold out, with over 160 new participating companies. The buzz surrounds the increased applications of digital technology to increase efficiency and accuracy.

However, my favorite aspect is the chance to see old friends and acquaintances, socializing over drinks or dinners. Though not a fan of the Vegas glitz or the 115+° temperatures, we do like to sample the fine cuisine of the city and catch a show that only Vegas offers.

If you are in the market for that new machine, this may be your only chance for one-stop shopping, as the traveling *Woodworking Shows* have abandoned the West Coast. And if you can't find what you want at the show, stop by the local woodworking store, **Woodworkers Emporium**. Come visit Pam and me at our booth #6321.

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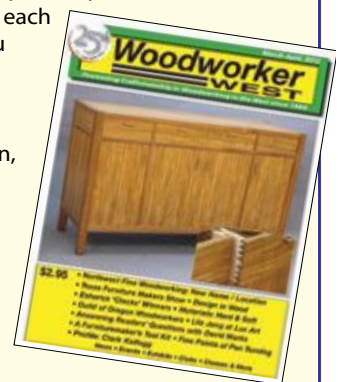
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TABLESAW REGULATIONS ANYONE?

The Consumer Product Safety Commission (CPSC) is revisiting the issue of tablesaw safety, by currently soliciting comments on proposed regulations limiting blade depth when contacted by a human body part. The proposed rule would address an estimated 54,800 medically treated blade-contact injuries annually—with estimated benefits of \$625 million to \$2.3 billion in injuries prevented—at an expected cost to industry of between \$170 million to \$345 million per year. The text of the proposed rule may be found at: <http://bit.ly/2r3BDd>, and the comment deadline is July 26.

SawStop has marketed saws that meet this standard for some time, but Bosch's recently introduced alternative—the Reaxx jobsite saw—is being excluded from the U.S. market, as a result of a patent infringement decision by the International Trade Commission last March. This issue produced a lengthy discussion among our website visitors, resulting in some excellent insights—and some mixed feelings—about the proposed regulations...

"There is no question that SawStop was a marvelous advancement in wood shop safety when it was introduced, but should everyone have to buy this insurance for a problem that can be avoided through proper education and operating procedures? The underlying question is should SawStop be rewarded for preventing a better technology (the Bosch Reaxx) from entering the marketplace?"

"The CPSC firmly believes that tablesaw injuries are a real problem that needs attention. Though impressed with the SawStop technology, the Commission, in the previous review, was not about to mandate a monopoly to benefit SawStop. Rather, the Commission wanted to wait until a viable alternative technology was available and on the market before proposing regulations to require these kinds of safety features. The proposed regulation purports to set a standard that new tablesaws must meet with regard to limiting injury; it does not seek to mandate how that is accomplished."

"There is only one saw on the market that would meet this regulation. That saw is protected by not one, but dozens of patents. The inventor of that saw and principals of the company are also patent attorneys. If the patent office and the courts continue to operate as they have, these patents will never expire."

"Government analysis points out that the benefits exceed the costs of this technology. But, the regulation can't affect existing tablesaws, and 45% of all estimated tablesaw-related, emergency department-treated injuries that were related to the victim making contact with the blade involved consumers older than 60 years of age. When economically assessing a proposed regulation, the

focus should be on how benefits and costs will change due to the regulation."

"None of this type of regulation should be legal until the proposed solutions are actually outside of current patents and are safe and economical."

"As a patent attorney and a happy SawStop owner, I think you may want to wait until all relevant patents expire for a safety regulation to come into being or such patents are required to be licensed on reasonable terms. 'Reasonable' means different things to different people, but it is an amount that is greater than zero. Another thing to consider is that this rule making may be a way for companies, like Bosch, to get their products into the American market before the expiration of the SawStop patents."

"I agree about rejecting the proposed regulation, if it gives a patent holder an industry monopoly. SawStop patents should be expiring soon, right?"

"What I took from this report: There's a compelling need for improved tablesaw safety; riving knives and splitters are ineffective in eliminating serious tablesaw injuries; more AIM (active injury mitigation) saws are inevitable; tablesaw prices will rise substantially because of AIM regulations and increased liability insurance; patent fights will only delay manufacturer launches; new rules should wait until manufacturers can retool their products; in the future, and non-AIM saws will have poor resale value."

"The SawStop is a pretty remarkable invention. It makes sense for it to be in schools and shops of hobbyists, who can afford it. A group of other manufacturers worked together to develop a similar system that stops the blade without slamming a block of aluminum into the blade. They worked pretty hard to avoid violating existing



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patents, but there is an ongoing court battle, keeping this system out of the market. I feel that competition is better for everybody than a monopoly, yet adoption of this regulation would essentially give a monopoly to a company that has already earned a huge market share, based on their implementation of their good idea."

"The issue here is how much more will the saw that I want cost, not how much will the only one that has this technology cost? How much will other company's products cost to be modified to this new standard? And, the main qualifier for any regulation like this: Will this piece of unnecessary regulation make certain companies withdraw from the marketplace?"

"Proper training on the operation of tablesaws would reduce, if not eliminate, the kind of problem. If I don't trust a machine like that, why should I be forced to buy one? How long will it take before the nanny government shuts a business down because they don't use SawStop technology? Will hobbyists have to buy them also? Will it force all makers of saws without this technology out of business?"

"I am troubled by the destruction of saw blades when the device falsely triggers."

"Regulations or laws should never be enacted, passed, approved, or even considered seriously, if they result in a sole-source situation with regard to patents."

"SawStop has a great idea, but the technology that makes it work is pretty simple. The flesh-sensing part is the same type of circuit used in a touch lamp, so what is left to patent? Or do we patent the larger idea and say that any device that stops any machine when a finger touches the dangerous part belongs to one company?"

"The legal battle started before the Bosch saw was released, and some were sold before there was a ruling and an injunction. Bosch is a huge company with pretty deep pockets, so they didn't come into this unprepared. SawStop has its own patent attorneys. Some people cast this as David vs. Goliath, but that's not the case. David doesn't need to hire an outside firm to fight the case in court. Like most things in our legal system, patents and patent law are used in all kinds of ways to stifle competition. Protecting intellectual property is important, but the laws are often bent and twisted to favor one company over another. My understanding is that the Patent Office no longer checks as thoroughly as they once did and lets the courts figure it out later. The real problem to me is that we are no longer trying to make the world a safer place or protect an inventor from being ripped off, we're waiting to see who can out-lawyer the other."

"I agree that the patent laws are broken in a number of respects and need serious updating and revision. But they were not originally intended to be used as they are today. The original idea was to encourage research and development by giving an inventor a protected interest in his invention for a period of time. The purpose is still valid. Without real incentives, few would be willing to risk the kind of serious investment in R&D and marketing that is required to perfect a truly new product and bring it to market. Unfortunately, the cost of litigating patent issues has put the legal system out of reach for the ordinary small businessman, and this is the root of the problem. Until the legal protections afforded by the law are reasonably available to everybody, the patent laws will continue to favor those with deep pockets."

"All this is true about a broken patent system. And my opinion is that the period of the patent is too long. As has been already stated, the patent office does not do the checking it should do. In this case, the patent is being driven as a vehicle into a government regulation, an abuse of the system. That should be plainly stopped.

This regulation should not happen unless and until the patent is either nullified or forced to be totally minimized. Regulation should never be aimed at producing a monopoly for a given vendor."

"The industry is sitting back, waiting for the SawStop patents to expire. Then, they will copy or clone the technology to save R&D costs."

"If 92% of tablesaw injuries are related to the victim making contact with the saw blade, that is operator error. There is never any excuse for that, which presumably makes technology the only solution for those whose stupidity can't be cured."

"I think a rule that enshrines SawStop would help return the tool business to the U.S., to some degree, since regulation is a means of installing non-tariff import barriers. That might appeal to the Trump administration."

"Part of the problem with the U.S. stationary power tool market is that it has not embraced proven technologies and advances in machinery; designs dating back nearly 100 years remain on the market. Asian discount manufacturers copied the tired designs and kept them alive for the last 40 years, when they surely should have cratered. SawStop is just another kludge to keep bad designs in the market."

"If this regulation gets through, then what is next? There are all kinds of tools that mangle people."

"Personally I have never felt the need for government edict protection from any machine. I have been designing, building, and using machinery for over 60 years. I have a jointer that can rip your hand off, a planer that can do the same, a lathe and routers that can mangle all your appendages. Not to mention my 1 hp drill press can wrap your hand around a spindle or make many serious cuts, if a piece of metal is caught on the bit and starts swinging. When the government sets safety standards, our freedoms are little-by-little restricted. We, as a human race, will always figure out how to bypass safeties and do stupid things with a tool that it was never designed or intended to do. Due to the fact that lawyers are trying to force the SawStop on the public, I personally would never purchase one, even if they were the cheapest, best saw on the market. This is me. I don't fault those who made the decision to purchase one, but I sure feel it should be each individual's decision. You can force people to wear seat belts, but you can't stop the people from driving recklessly."

"I can understand the government requiring safety features on machinery that is used by businesses, as they employ people who have no choice in determining what safety features they want or need. But, hobbyists are free to determine what tools they feel safe in using; we do have choices. Some people use a bandsaw, as they are afraid of tablesaws. Others choose to use hand tools only, although I have had more injuries from chisels than from power tools."

"There was an old axiom my father used to say: *Freedom means you can swing your fist as far as you want as long as you don't hit anyone else.* In my mind, that is still true. You should be able to do anything you want, or use any machine or tool, as long as it doesn't harm or endanger others."



Bosch Jobsite Table Saw

"Freedom does involve risk. When edicts are made to prevent all danger, some freedoms are lost. I don't want any of my freedoms to be determined by any government."

"I wonder if the insurance industry might be one of the primary drivers of this regulation, since, in the Massachusetts lawsuit, it was the insurance company, not the injured man, that pushed the suit."

"I just did a Google patent search on **Stephen Gass**, the inventor of SawStop, and I got more than 280 hits. There is an obvious pattern to all these patents. Many of these are 'improvements' to the original SawStop patent, with relatively recent dates. I don't see a clever guy trying to protect his ideas from would be competitors; I see somebody trying to sew up a significant market segment by patenting every possible part multiple times. If you were trying to compete with that you would spend a fortune on legal fees just in researching the existing patents. Unless our current system is changed, the SawStop patents will never expire."

"I have never had an accident in which a technology like that being pushed by SawStop would have prevented it. People get injured because they are doing something wrong. So, is this regulation even necessary? Does it cause more harm than good, like causing other tool companies to go out of business or increasing saw prices dramatically? Regardless, I think that under no circumstances should the government enact a regulation, legislation, or court ruling that requires a technology, if a single company has a patent on that technology. The main problem is that the patent itself is an advantage for an inventor. For the government to enact a technology-driven requirement gives the inventor an entirely doubled-down advantage. That is clearly an abuse of the system. I would have fewer objections if the SawStop patents are released."

"I understand the issues with cost. I looked a few things up yesterday, and my back of the envelope assessment is that costs might rise between \$50-\$200. This is based on some guesses as to margin and what licensing fees might cost. In my opinion, costs are going to be capped by the current differential in prices, with and without the flesh sensing technology. Since saw customers are price sensitive, I don't see any current manufacturers cutting their throats by passing on the costs in such a way that would make their saws noncompetitive with SawStop."

"I also think that prices might actually drop a bit, as multiple companies hit the market with competitive technologies—even with a SawStop license payment. This is speculation on my part, but the saw manufacturers that oppose SawStop are a pretty ruthless bunch, and I can see resulting price war. Lower prices will mean lower royalties and fewer sales by SawStop."

"I see the numbers of tablesaws sales dropping off so much in the future that projections are incredibly speculative. If the number of estate sales and poor used machinery market are any indicators, woodworking will be a rare hobby in 10-15 years."

"The Bosch Reaxx job site saw, with Bosch's 'active response' technology, is 17 lbs. heavier and 2" taller than their standard model, presumably because the technology requires a larger, more rigid frame. I would expect that the added weight would be roughly constant across most higher-priced job site saws, and substantially greater for lower cost saws, which typically use a lot of plastic components."

"I don't see the licensing fee, or even the R&D costs, as being significant factors influencing decisions taken by the major power tool manufacturers in opposing the adoption of the technology. Rather, I suspect that the cost impact of upgrading lower cost saws to withstand the forces exerted when an "active response"

technology is activated would result in there being no sub-\$600 saws available through places as Lowes and Home Depot."

"Building a portable saw to withstand the forces imposed when the blade retraction is activated adds around 50 lbs. to the weight of the saw and something like \$500 to the wholesale cost, which will effectively remove all sub-\$1000 (retail) saws from the market."

"I believe that over 80% of the tablesaws sold in the U.S. each year cost less than \$300. So the real cost to incorporate active response technology in every tablesaw is not the licensing costs, it's the likely reduction in tablesaw sales. This may not be a bad thing, depending on how you view tablesaw use by untrained hands."

"Once the new safety technologies are mandated, we are likely to see far fewer of the sub-\$200 price point saws. But those cheap saws are probably better correlated with injury than more expensive saws, so the proposed regulation would probably be effective in reducing the raw numbers of injuries."

"Pricing tablesaws out of the reach of many would be expected to lead to a reduction in tablesaw injuries, but it might also lead to a substantial increase in circular saw injuries, as people try to use a circular saw or saber saw to make cuts that really should be made on a tablesaw."

"I have two saws, and rather than buy one with the new technology, I will just keep the old ones, buy a new motor for each, and sharpen my blades until they are not regrindable anymore."

"In the present political climate of reducing or eliminating regulations, I have trouble seeing this as a successful effort."

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WHAT'S NEW

COOK WOODS UPGRADES MILL

Cook Woods in Klamath Falls, OR announces implementation of a new custom made 69" spiral head planer that will allow them to plane, on site, the large slabs that they cut from their World Class Wood-Mizer sawmill. The largest Wood-Mizer sawmill in the world, this mill has already cut logs up to 6 ft. in diameter and is capable of cutting up to 40 ft. in length. Cook Woods anticipates growth in the area of providing beautiful custom slabs to artists, furniture makers, home builders, and custom restaurants. The spiral head planer packs a 60 hp, 3 phase, 480-volt motor, and the carbide teeth allow for precision planing with smooth surfaces. For info and to see the woods, visit the website: www.cookwoods.com or call: (541) 273-0925.

BAINBRIDGE ISLAND CRAFT CENTER

Who says craft is dead? Not the residents of Bainbridge Island, WA, who raised \$8.5 million and contributed 4,000 hours of volunteer time to construct a new collaborative artistic space. The 25,000-sq. ft. **Bainbridge Artisan Resource Network (BARN)** facility includes eleven artisan studios for woodworking, fiber, glass, metal, print, and more, as well as a common space for artisans to interact. The woodworking studio consists of a 1,050 sq. ft. bench room for hand tool use; a 3,500 sq. ft. main shop equipped with all major power tools, a downdraft sanding table, multiple lathes; and an area dedicated to repairing and building small boats. For info, visit the website: www.bainbridgebarn.org or call: (206) 842-4475.

S.D. WOODWORKERS OPEN WOODSHOP

Fulfilling a long-sought dream, the **San Diego Fine Woodworkers** have opened their own dedicated wood shop. Located in the Eastgate Mall on the north side of San Diego, the facility is approximately 3,000 sq. ft., including a large machine room, hand tool bench & classroom, reception area, lounge, and library. Shop Members will have access to not only basic woodworking tools and equipment, but to a laser cutter/engraver, a CNC router machine, a professional level lathe, large planers and jointers, a wide drum sander, and more. Shop memberships will be available on a yearly basis. For info, visit the website: www.sdfwa.org.

BRIAN BOGGS WINS FEDEX GRANT

For the last five years, **FedEx** has conducted a *Small Business Grant Contest*, in which small business owners compete for over \$120,000 in cash and prizes. Hundreds of small businesses presented business plans on the FedEx website, and ten awards were determined by a vote of the public.

Among the winners was furnituremaker **Brian Boggs** of Asheville, NC, who received \$8,000 in cash and FedEx services. He proposed to use the funding to install a spray booth (for water-base finishes) to dramatically improve his ability to finish in a timely, safe, and sustainable fashion. The Grand Prize of \$32,500 in cash and FedEx services went to **Sword & Plough** of New York, which hires military veterans to repurpose military surplus into clothes and accessories.

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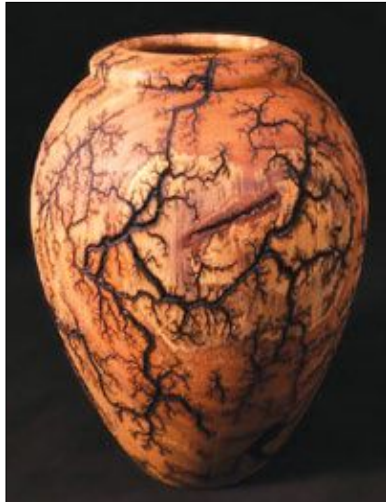
WHAT'S NEW

FRACTAL BURNING BAN

Fractal Burning has received a growing amount of attention, especially on social media Internet sites. It is a technique of wood burning, in which high voltage electricity creates Lichtenberg figures in wood soaked in salt water. The result is a burnt branching design on the surface of the wood.

However, at least two recent deaths have resulted in electrocution while using this method of embellishment. The latest is a hobbyist woodworker in Walla Walla, WA. In most cases, this technique is undertaken with home-made apparatus.

As a result of the potential danger, the **American Association of Woodturners (AAW)** has issued a policy opposing the use of Fractal Burning. AAW is prohibiting its use in any AAW-sponsored events (including regional and national symposia) and strongly urges clubs to refrain from demonstrating or featuring the process in chapter events. Further, the process of Fractal Burning shall not be featured in any written or online AAW publication, except within articles that warn against its use. AAW publications will not accept advertisements for any products or supplies directly related to the process. Additionally, the Safety Committee recommended that an article be published in the August 2017 issue of *American Woodturner* to highlight the dangers of the practice and publicize the new AAW policy.



Fractal burning, as demonstrated in a YouTube video series *Woodturning with Tim Yoder*.

ROCKLER FINISHING SPRAYER

Rockler Woodworking and Hardware has introduced a *Finishing Sprayer*, featuring Earlex HVLP (high-volume, low-pressure) technology, to quickly and efficiently deliver even coats of finish for a wide array of projects. Accommodating a variety of finishing products, the spray pattern is adjustable between 1"-12" wide, so users can tailor the output to their needs. The flexible hose is 13-feet in length, the one quart paint cup provides plenty of capacity without excessive weight, and 1.5mm and 2.5mm needles are included. For info, visit the website: www.rockler.com or call 1-877-ROCKLER.

RECLAIMED WOODS OF THE WORLD

Reclaimed Woods of the World in Southern California offers certified reclaimed woods from around the globe, including hardwood lumber, slabs, veneer, flooring, and decking. They currently have a large inventory of genuine Burmese Teak, as well as various species and grades of lumber and beams recycled from American barns. Also available is durable and environmentally-friendly thermally-modified woods for outside applications. For info, visit the website: www.reclaimedwoodsoftheworld.com or call: (949) 515-9501.

URBAN, SALVAGED & RECLAIMED NET

The **Urban, Salvaged, & Reclaimed Wood Network** is being formed as a non-profit organization for the purpose of tree rescue and finding the highest value of the tree after its' natural life. To include like-minded companies, individuals, and government agencies, this network focuses on trees that are not harvested for their timber value, including urban lumber (storm damaged or trees sawn for removal), salvaged logs (windfallen, drought, and diseased tree), and reclaimed or recycled wood (milled wood recovered from previous construction). The goal is to create national awareness and go-to-product status for households across America by giving value to wood, otherwise destined to landfills. For info, email **Jennifer Alger** at **Far West Forest Products**: info@farwestforest.com.



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'DESIGN IN WOOD' EXHIBITION

Photos: Andrew Patterson & Lynn Rybarczyk



Robert Stevenson
(Chula Vista, CA)
Tambour Desk
Spanish Mahogany, Holly, Pine
(43 1/4" h, 36" w, 20" d)



David Marks
(Santa Rosa, CA)
*Sensei Hollow Vessel
on Stand*
Betel Nut, African
Blackwood, Quilted
Mahogany, Snakewood,
Ebony, Big Leaf Maple,
Wenge
(57" h, 22" dia.)

The 36th 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 over 330 entries from across the country in 25 different categories.

Best of Show was awarded to **Robert Stevenson** of Chula Vista, CA for his *Tambour Desk*. This finely crafted piece also garnered *First Place in Traditional Furniture*, *Best Finishing*, and the *Society of American Period Furniture Makers Award*. In addition, his *18th Century Lap Top Desk* won *First Place in Traditional Accessories*.

Other top prizes were awarded to **Ralph Breyman** (Santa Clarita, CA), *Design*; **Todd Bradlee** (Bishop, CA), *Design*; **Brian Carnett** (Escondido, CA), *Technical Excellence*; **Dick Ugoretz** (San Diego, CA), *Master Trophy*; and **David Marks** (Santa Rosa, CA), *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.

Brian Carnett (Escondido, CA)
Display Cabinet / Shelf
Cherry, Maple, Ebony
(23" h, 48" w, 7" d)



Peter Campbell (Temecula, CA)
Horst Hollow Vessel
Maple
(21" dia.)



Michael Rumsey
(San Diego)
Ohana
Maple, Redwood, Poplar,
Koa, Teak, Paulownia
(104" l, 21" w, 3" d)

'DESIGN IN WOOD' EXHIBITION



Josh Stotler (San Diego, CA)
Desperado
Cherry, Pine, Mahogany,
Bolivian Rosewood
(39" h, 12 3/4" w 1 1/2" d)

Michael Masumoto
(Guerneville, CA)
Smoke
Bubinga,
Claro Walnut,
Black Walnut,
Pacific Maple
(31" h, 60" w, 26 1/2" d)



The winners (from California unless otherwise stated) are:

CONTEMPORARY FURNITURE—(1) **Michael Masumoto** (Guerneville), *Smoke Desk*; (2) **Joseph Bedford** (San Diego), *Burlesque Storage Cabinet*; (3) **Steven M. White** (Bishop), *Wishbone Rocker*. **CONTEMPORARY ACCESSORIES**—(1) **Tom Thornton** (Oceanside),

Jewelry Box; (2) **Nicholas Jones** (Chula Vista), *Sculpted Men's Watch & Valet*; (3) **Brian Carnett** (Escondido) *Display Cabinet Shelf*. **TRADITIONAL FURNITURE**—(1) **Robert Stevenson** (Chula Vista), *Tambour Desk*; (2) **Steven Rogers** (Escondido), *Gamble House Rocking Chair*; (3) **Paul Appelquist** (Santee), *Windsor High Chair*. **TRADITIONAL ACCESSORIES**—(1) **Robert Stevenson** (Chula Vista), *18th Century Lap Top*; (2) **Michael Rumsey** (San Diego), *Ohana Surfboard*; (3) **Paul Appelquist** (Santee), *Cedar Strip Dinghy*.

ART FURNITURE—(1) **Robert Hines** (Olivenhain), *Duck's Breath*; (2) **Paul Webb** (Encinitas), *Inner Peace Coffee Table*; (3) **Henry Strause** (Oceanside), *The Bread Box'er*. **FURNITURE BY COMPUTER/CNC**—(1) **Beston Barnett** (San Diego), *Solomon's Cabinets: Al Tabut*; (2) **Jerry Beaudry** (La Mesa), *Heart Chair*; (3) **Bill Colburn** (San Diego), *Pair of LED Reading Lamps*. **VENEERING/MARQUETRY (Furniture)**—(1) **Ken Cowell** (Yorba Linda), *Rose Table*; (2) **Luis Trevino** (Bakersfield), *Oak Leaf Bookshelf*; (3) **James Frantz** (San Diego) *Visiting Birds*. **VENEERING/MARQUETRY (Art)**—(1) **Daryoush Ababaf** (Plano, TX), *Creation*; (2) **Jeff Grossman** (Phoenix, AZ), *Imagine That*; (3) **Anna Quyen Nguyen** (San Diego), *Eagle*. **VENEERING/MARQUETRY (Computer/CNC)**—(1) **Rob Stafford** (San Diego), *Zegama Beach*.

WOOD TURNING (Face Work)—(1) **Sally Ault** (San Diego), *Little*

Feat; (2) **Mark Jacobson** (Escondido), *Bowl*; (3) **Allen Driver** (Escondido), *Bowl*. **WOOD TURNING (Center Work)**—(1) **Peter Campbell** (Temecula), *Horst Hollow Vessel*; (2) **Tom Edwards** (San Diego), *Egyptian Urn*; (3) **Jamie Little** (El Cajon), *Lamp*. **WOOD TURNING (Embellished/Mixed Media)**—(1) **David Marks** (Santa Rosa), *Sensei Hollow Vessel*; (2) **Ken Cowell** (Yorba Linda), *Basket Illusion Platter*; (3) **Jan Greenwald** (Fallbrook), *Never Again*. **WOOD TURNING (Laminated/Segmented)**—(1) **Ed Zbik** (San Diego), *Deco Stars*; (2) **David O. Wade** (Orange), *Foot Square Square Footed Bowl*; (3) **Andy Goldman** (Placentia), *Red Maple Bowl*.

Sally Ault
(San Diego, CA)
Little Feat
Red Oak
(5" h, 8" w, 4" d)



Robert Hines
(Olivenhain, CA)
Duck's Breath
Oak, Pine, Cedar,
Redwood
(40" h, 48" w, 13 1/2" d)



Steve Sisson
(Pasadena, CA)
Floating Jelly Fish
Buckeye, Grape, Carolina
Cherry burl, Pine
(22 1/2" h, 16" w, 9 1/2" d)



Beston Barnett (San Diego, CA)
Solomon's Cabinets: Al Tabut
Walnut, Wenge, Holly
(30" h, 42" w, 18" d)



'DESIGN IN WOOD' EXHIBITION



Ken Cowell
(Yorba Linda, CA)
Rose Table
Iron Bark Eucalyptus,
Ebony, Maple, Holly
30" h, 43" dia.)



William Churchill
(Anaheim, CA)
The Guardian
Mahogany
(17" h, 27" w, 9" d)



Dean Willis (Seal Beach)
Racing Plane
Canary, Walnut,
Rosewood, Ebony
(17" h, 11" w, 10" d)

Ralph Breyman
(Santa Clarita, CA)
Rainbows' End
Sapele
(32" h, 38" w, 17" d)



CLOCKS—(2) **Todd Bradlee** (Bishop), *Adjustable Desk Clock*; (3) **Duane Close** (El Cajon), *School House Clock*. **MADE FOR CHILDREN**—(1) **Ralph Crowther** (Mission Viejo), *Train to Sleepy Town Cradle*; (2) **Bradley Copeland** (Riverside), *Parker's Jammin Rocker*; (3) **Richard Sorensen** (Imperial Beach), *Hayley's Happy Rocking Horsie*. **MUSICAL INSTRUMENTS**—(1) **Josh Stotler** (San Diego), *Desperado Guitar*; (2) **Aaron Weatherson** (Lake-side) *Woodworker*; (3) **Patrick Hadley** (San Diego), *Alohart*.

MODEL BUILDING (Scale)—(1) **Robert Hewitt** (San Diego), *Dutch Galliot 17c Cutter*; (2) **Gary Seaton** (Bonita), *U.S. Revenue Cutter "Ranger" Ship*. **MODEL BUILDING (Not to Scale)**—(1) **Dean Willis** (Seal Beach), *Racing Plane*; (2) **Roger Cook** (Long Beach), *Red & Black Piano*; (3) **Ken Martinez** (San Jacinto), *Don't Mess w/Texas (SSN-775)*.

WOOD CARVING (Animals)—(1) **William Churchill** (Anaheim), *The Guardian Bull*; (2) **Rico Carli** (Bonners Ferry, ID), *Wild in Wyoming*; (3) **Jack Thompson** (Saratoga), *Russian Wolf Hound*. **WOOD CARVING (Birds)**—(1) **Judith Farley** (Lakeside), *Hooded Merganser Drake*; (2) **Richard Otsubo** (Irvine), *Eagle Eagle*; (3) **Judith Farley** (Lakeside), *Black-Capped Chickadee*. **WOOD CARVING (Marine Animals)**—(1) **Steve Sisson** (Pasadena), *Floating Jelly Fish*. **WOOD CARVING (Human Form)**—(1) **William Churchill** (Anaheim), *Grace*; (2, 3) **Randy Stoner** (Orange), *Scavenger & Steam Age Gunslinger*. **WOOD CARVING (Open)**—(2) **Rodney Layden** (Oceanside), *Wedding Staff*; (3) **William Churchill** (Anaheim), *Western Treasure Saddle*.

SCROLL SAW (Intarsia)—(1) **Henry Lim** (Camarillo), *Flag Raising in Iwo Jima*; (2) **Allan Price** (Vista), *Bath Time*; (3) **Larry Olson** (Orange), *A Basket of Kittens*. **SCROLL SAW (Fret-work)**—(1) **Jerry Franich** (La Puente), *Victorian Clock*; (2) **Anthony Stock** (Chula Vista) *Owl*; (3) **Ralph Stump** (Santee), *A Rose for You*.



Paul Appelquist
(Santee, CA)
Cedar Strip Dinghy
Western Red Cedar
(48" h, 146" w, 42" d)



Ralph Crowther
(Mission Viejo, CA)
Train to Sleepy Town
Sapelle
(43" h, 60" w, 32" d)

'DESIGN IN WOOD' EXHIBITION



Henry Lim (Camarillo, CA)
Flag Raising in Iwo Jima
Yellow Heart, Walnut,
Poplar, Padauk, Purple Heart
(30" h, 30" w)

Tom Thorton
(Oceanside, CA)
Jewelry Box
Maple, Bloodwood,
Pau Amarillo
(5 1/2" h, 16" w, 8" d)



Todd Bradlee (Bishop, CA)
Tripod Chair
Maple, Walnut
(33" h, 21 1/2" w, 16" d)



FINE WOODWORKING: Best of Show—Robert Stevenson (Chula Vista), *Tambour Desk*. **POPULAR WOODWORKING: Best Furniture Design—Ralph Breymann** (Santa Clarita), *Rainbows' End Chest on Stand*. **WOODWORKER'S JOURNAL: Excellence in Design—Todd Bradlee** (Bishop), *Tripod Chair 2017*. **MASTER WOODWORKER'S TROPHY—Dick Ugoretz** (San Diego), *Writing Desk*.

SPONSOR'S CHOICE PERPETUAL TROPHY—David Marks (Santa Rosa), *Sensei Hollow Vessel*. **SOCIETY OF AMERICAN PERIOD FURNITURE MAKERS—Robert Stevenson** (Chula Vista), *Tambour Desk*. **URBAN FOREST PRODUCTS AWARD—Michael Rumsey** (San Diego), *Ohana Surf Board*.

ROBERT AND JANET STEVENSON AWARD for Technical Excellence and Innovation—Brian Carnett (Escondido), *Display Cabinet/Shelf*. **S.D. FAIR THEME AWARD—Josh Stotler** (San Diego), *Desperado Electric Guitar*. **APOLLO SPRAYERS EXCELLENCE IN FINISHING: Contemporary Furniture—Brian Carnett** (Escondido), *Bethany's Chair*; **Traditional Furniture—Robert Stevenson** (Chula Vista), *Tambour Desk*; **Art Furniture—A.D. Tonnesen** (Pocatello, ID), *Gold Mountain Bed*; **Musical Instruments—Josh Stotler** (San Diego), *Desperado Electric Guitar*.

S.D. FINE WOODWORKERS AWARDS: Excellence in Woodworking—(1) **Robert Stevenson** (Chula Vista), *Tambour Desk*; (2) **Ken Cowell** (Yorba Linda), *Rose Table*; (3) **Peter Campbell** (Temecula), *Horst Hollow Vessel*. **Outstanding Woodworking—**(1) **Paul Appelquist** (Santee), *Cedar Strip Dinghy*; (2) **Bradley Copeland** (Riverside), *Classy Classics*; (3) **Jon Woods** (San Diego), *Chameleon Coffee Table*.

S.D. WOOD TURNERS ASSOCIATION AWARDS: Center Work—Peter Campbell (Temecula), *Horst Hollow Vessel*. **Embellished/Mixed Media—Jan Greenwald** (Fallbrook), *Drift Wood on the Beach*. **Face Work—Mark Jacobson** (Escondido), *Maple Bowl*. **Laminated/Segmented—Douglas Buddenhagen** (Escondido), *Cubes Galore*. **S.D. MARITIME MUSEUM PERPETUAL TROPHY—Robert Hewitt** (San Diego), *Dutch Galliot 17c Ship*. **CAROLYN R. BERES MEMORIAL AWARD—Anthony Stock** (Chula Vista), *Owl*.

CALIFORNIA CARVERS GUILD AWARDS: Stylization Originality—Trevor Presley (Escondido), *The Tree of the Knowledge*. **Stylization Excellence—Roger Cook** (Long Beach), *Shorebreak*. **SAN DIEGO SCROLL SAW CLUBS: Fretwork—Ralph Stump** (Santee), *A Rose for You*; **Intarsia—Allan Price** (Vista), *Bath Time*.

WOODWORKER WEST People's Choice Awards—To be announced.



Judith Farley
(Lakeside, CA)
*Hooded Merganser
Drake*
Tupelo
(12" h, 12" w, 8" d)



Dick Ugoretz
(San Diego, CA)
Writing Desk
Cherry, Bubinga, Ebony
(29" h, 39" w, 21 1/2" d)

Ed Zbik
(San Diego, CA)
Deco Stars
Maple, Yellowheart,
Walnut, Bloodwood
(8" h, 13" dia.)



OPPORTUNITIES

NICHE CRAFTSMANSHIP AWARDS

Niche magazine, the industry publication for art galleries and craft retailers, seeks entries for its 2018 *Niche Awards*. This national competition recognizes quality work by craftsmen showing in galleries and retail stores. There are 20 professional categories and 9 student categories, including: *Wood Decor, Wood Furniture, Wood Seating, Sculpture, Tabletop, Home Decor, and Fashion*. Work is judged on technical excellence (in terms of surface design and form); a distinct quality of unique, original, and creative thought; and market viability (professional entries only). Entry deadline is Oct. 1. For info, visit: www.nicheawards.com, or call: (410) 889-2933 x206.

TEXAS FURNITURE MAKERS SHOW

The Kerr Arts & Cultural Center, in Kerrville, TX hosts the 18th annual *Texas Furniture Makers Show*, Oct. 26-Dec. 2. This exhibition promotes the visibility and fosters the development of the art and craft of furnituremaking in the State of Texas. In 2016, \$15,000 worth of work sold off the floor. Entry deadline is Sept. 15. Entry forms and additional info are available on the web site: www.kaccckerrville.com or call: (830) 895-2911.

ALL COLORADO SHOW

The historic **Depot Art Gallery** in Littleton, CO hosts its 34th annual *All Colorado Show*, Aug. 2-27. This multi-media exhibit includes sculpture. Entry deadline is July 15. For info, visit the website: www.depotartgallery.org or call: (303) 795-0781.

HAWAII'S WOODSHOW 2017

The 25th annual *Hawaii's Woodshow* takes place at the Honolulu Museum of Art School Gallery at Linekona, Sept. 23-Oct. 8. 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. 11. For info, visit the web site: www.hawaiiiforest.org or call **Marian Yasuda**, (808) 221-5171.

ALLIED ARTS OPPORTUNITIES

The **Allied Arts of Whatcom County Gallery** in Bellingham, WA seeks submissions for its 2018 *Gallery* and *Inside the Box* exhibition series. These are eight exhibitions scheduled throughout the year, featuring work by artists in all media. The *Gallery Shows* include 1-4 artists for full gallery presentations, while *Inside the Box* showcases small works in display cases. Entry deadline is Aug. 24. For info, visit the website: www.alliedarts.org or call: **Katy Tolles**, (360) 676-8548 ext. 5.

CRAFT FORMS

The **Wayne Art Center** in Wayne, PA is soliciting submissions for its 23rd annual *Craft Forms* exhibition, Dec. 2-Jan. 27. 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. 15. For info, visit the web site: www.craftforms.org or call: (610) 688-3553.

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OPPORTUNITIES

CERRITOS HARDWOOD DERBY

The **Cerritos College Student Association of Woodworkers** hosts its 2nd annual *Hardwood Derby*, in October, 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. Registration information will be available in mid-August, and three awards will be presented in each competition category. For info, visit the website: www.cerritos.edu/wood.

GENERAL FINISHES DESIGN CHALLENGE

Genera; Finishes hosts its 2017 *Design Challenge*. This finishing competition takes place in 28 categories of DIY projects and furniture, woodworking, and woodturning. The entry period is July 7-28, and prizes will be awarded by judges and popular votes. For info, visit the website: www.generalfinishes.com.

FRAMEWORK

The **Gilded Pear Gallery** in Cedar Rapids, IA seeks artist's submissions for exhibit in *Framework*, Oct. 13-Nov. 24. Works in 2-D and 3-D will relate to the nature of Framework, as the city recovers from recent flooding. Entry deadline is July 28. For info, visit the website: www.gildedpeargallery.com or call: (319) 366-0205.

EMERGING CRAFT ARTISTS

Contemporary Craft in Pittsburgh, PA seeks submissions for the *Lydon Emerging Artist Program (LEAP)*. This program recognizes exceptional emerging talent in the contemporary craft field and assists in featuring, marketing, and selling work by one winner (who also receives \$1,000) and 6 finalists. Submission deadline is Sept. 30. For info, visit the website: www.contemporarycraft.org or call: (412) 261-7003.



Keunho Peter Park of New Jersey is among the 2017 *Finalists* of the *Lydon Emerging Artist Program* at **Contemporary Craft** in Pittsburgh, PA. Keunho creates a range of functional objects, furniture, and musical instruments, innovative techniques in wood. Here is his *Black Hole Chair* (25" h, 27" w, 21" d), made of Oak, with milk paint.

AAW SYMPOSIUM DEMONSTRATORS

The **American Association of Woodturners** are holding their 32nd annual international symposium—June 14-17, 2018—in Portland, OR. Demonstration applications are being accepted thru Aug. 1. For info, visit the website: www.woodturner.org/?page=CallforEntry or call: (651) 484-9094.

MESA CONTEMPORARY CRAFTS

Mesa Contemporary Arts in Mesa, AZ hosts its 39th annual *Contemporary Crafts* exhibition, Feb. 9-Apr. 15. 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 20. For info, visit the web site: www.mesaartscenter.com or call: (480) 644-6560.

GATEWAY TO IMAGINATION

The **Farmington Museum** in Farmington, NM hosts its 2017 *Gateway to Imagination*, Sept. 23-Dec. 2. This national juried art competition is open to all media. Entry deadline is Aug. 4, and \$4,650 in prizes will be awarded. For info, visit the website: www.fmtn.org/index.aspx?nid=248 or call: (505) 566-2279.

WOMAN MADE GALLERY

The **Woman Made Gallery** in Chicago, IL is soliciting work by women for its 20th *International Exhibition*, Sept. 1-Oct. 21. Open to all media, all themes, and all styles, the entry deadline is July 7. For info, visit the website: www.womanmade.org or call: (312) 738-0400.

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OPPORTUNITIES

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 wood artists **Kimberly Winkle, Sarah Marriage, and Annie Evelyn**. Entry deadline is Aug. 31. For info, visit the website: www.societyofcrafts.org or call: (617) 266-1810.

LINES INTO SHAPES

The **Art Center of Estes Park** in Estes Park, CO hosts its 21st annual *Lines Into Shape* exhibition, Oct. 28-Nov. 12. This multi-media show is accepting wood submissions in the *Sculpture & Wood* category. Entry deadline is Aug. 28, and \$4,000 in prizes will be awarded. For a prospectus, visit the web site: www.artcenterofestes.com or call: (970) 586-5882.

HAWAII CRAFTSMEN

The **Hawai'i Craftsmen** host their 50th annual *Statewide Juried Exhibition*, Oct. 24-Nov. 10, 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. 16-18. For details, visit the website: www.hawaiicraftsmen.org or call: (808) 521-3282.



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MATERIALS HARD & SOFT

The **Greater Denton Arts Council** hosts its 31st annual *Materials: Hard & Soft* exhibition, in Winter 2018, at its Patterson-Appleton Art Center in Denton, TX. This national juried competition features work in all craft media, including metal, fiber, clay, glass, paper, and wood. Pieces are selected in terms of craftsmanship and innovation. Entry deadline is Sept. 29. For info, visit the web site: www.dentonarts.com or call: (940) 382-2787.

ARIZONA WOODWORKING CONTEST

Retailer **Woodworkers Source** in Arizona invites woodworkers to enter its *Fall Woodworking Contest*. The contest theme is *Toys, Games & Puzzles*. All entrants will receive a \$25 store credit, and \$800 in prize money will be awarded. Entry deadline is Nov. 4, and public viewing and voting takes place Nov. 6-11 at the Phoenix location. For info, visit the website: www.woodworkerssource.com or call **Mark Stephen**, (480) 344-1020 x110.

CELEBRATING HAWAII NATIVE SPECIES

The *Hawai'i Nei 2017* art exhibition will be held Nov. 3-Dec. 15, at the Wailoa Center. Open to residents of the Big Island, this juried art exhibition celebrates the native flora and fauna of the Hawai'i island, including native plants, animals, and habitats. The entry period is Sept. 1-Oct. 19. Among the 2015 winners was **John Mydock's** turned and pyrography decorated Norfolk Island Pine vessel, *Vanessa tameamea*. For info, visit the website: www.hawaiineartcontest.org or call: (808) 430-1994.

PORT TOWNSEND SCHOLARSHIPS

The **Port Townsend School of Woodworking** has scholarships available for attending several month-long classes, including *Foundation of Woodworking, Furniture Making Intensive, Hybrid Woodworking, Timber Framing, and Tiny Homes*. Funding will cover up to 35% of tuition fees; students are responsible for accommodations, meals, transportation, and material costs. Application deadline for Winter 2018 is Sept. 21. For info, visit the website: www.ptwoodschool.org/scholarship/ or call: (360) 344-4455.

WORKS IN WOOD

The **New Hope Arts Center** in New Hope, PA hosts its annual *Works in Wood*, Nov. 4-Dec. 16. This annual exhibit features functional works, studio furniture, turnings, constructions, sculpture, and vessels. Applications will be available Aug. 1, with an entry deadline of Oct. 1. For info, visit the web site: www.newhopearts.org or call: (215) 862-9606.

THE GOLDEN STATE

The **Marin Society of Artists Gallery** in San Rafael, CA presents *The Golden State*, Sept. 14-Oct. 14. This exhibit is open to California artists, working in all media. Entry deadline is July 31, and cash prizes will be awarded. For info, visit the website: www.marinsocietyofartists.org or call: (415) 454-9561.

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 multi-media event, Mar. 1-4, features 220 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.

OPPORTUNITIES

ARTISTRY IN WOOD

The 27th annual *Artistry in Wood* exhibition will be held Nov. 17-Jan. 7 at the Sonoma County Museum in Santa Rosa, CA. Sponsored by the **Sonoma County Woodworkers**, this exhibit is open to all woodworkers, with competition categories of *Furniture, Turning, Art, and Miscellaneous*. Delivery date is Nov. 8. Besides category awards and *Best of Show*, the \$500 *Krenov Foundation Award* will be presented for attention to detail and sensitivity to the material. Past Krenov winners were **Greg Zall** (2015) and **Derek Taylor** (2016). For info, visit the website: www.sonomawoodworkers.com or call **Don Jereb**, (707) 695-5252.

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 info, visit the website: www.amscan.org or call: (212) 879-9779.

A SHOW OF HEADS

The **Limner Gallery** in New York City hosts *A Show of Heads*, Oct. 18-Nov. 11. 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.

PORT TOWNSEND WOOD SHOW

The **Splinter Group of Port Townsend** hosts its 8th annual *Port Townsend Woodworkers' Show*, Nov. 4-5, 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. The entry deadline is Sept. 1. For info, visit the website: www.splintergroup.org or call: **Tim Lawson**, (360) 344-4455.

HAWAII COMMITMENT TO EXCELLENCE

The **Honolulu Japanese Chamber of Commerce** seeks entries in all media for *Commitment to Excellence*, Aug. 8-17. This 39th annual art exhibit features works in all media by Hawaiian residents. Entries are being accepted on Aug. 1-2. 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.

ANDREU DESIGN COMPETITION

Spanish furniture manufacturer **Andreu World** sponsors the 17th 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. 10th, sent to Andreu's Chicago showroom; 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

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- Wood Turning
- Accessories
- Wall Art
- Musical Instruments
- Carving
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Cash Prizes & Industry Awards



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OPPORTUNITIES



Phil Wiles, (Norfolk, AR)
Red Heart Vase



Allen Phillips (DeKalb, TX)
Lead Belly



Didier Jégaden (Edmond, OK)
The Way Out



Rob Colton (Oxford, AR)
The Drifter

MASTER WOODWORKING ARTIST OF THE YEAR

Designated as the *Wood Art Capital of Oklahoma*, the **Forest Heritage Center Museum** in Broken Bow, OK holds an annual Spring exhibition featuring pieces by regional woodworkers, in search of bestowing the title, *Master Woodworking Artist of the Year*.

This year, 12 wood craftsmen were invited to participate. The title award went to **Phil Wiles**, (Norfolk, AR), for his segmented *Red Heart Vase*. *Second Place* went to **Allen Phillips** (DeKalb, TX) for a pointillism-style wooden portrait, *Lead Belly*, and *Third Place* was a tie between **Rob Colton** (Oxford, AR) for his driftwood sculpture, *The Drifter*, and **Didier Jégaden** (Edmond, OK) for his sculpture, *The Way Out*.

FHC hosts its annual *Masters at Work: Woodturning Competition*, Sept. 8-10. This event consists of a "turnoff" between representatives from regional woodturning clubs, in which each will complete four projects. For info on these events, visit the website: www.forestry.ok.gov/fhc or call: (580) 494-6497.



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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. 24-Sept. 4—offers competitions in *Woodworking, Woodturning, Woodcarving, Scrollsaw, Diamond Willow, and Craft*. Entry delivery is Aug. 11-12. For info: www.alaskastatefair.org or call: (907) 232-0081.

The **Oregon State Fair** in Salem, OR—Aug. 25-Sept. 4—conducts wood competitions in *Woodworking, Woodturning, and Woodcarving*. Fine wood art may also be entered in the *Oregon Art Annual*. Entry deadline is Aug. 1. For info: www.oregonstatefair.org or call: (971) 701-6571.

The **Colorado State Fair** in Pueblo, CO—Aug. 25-Sept. 4—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. 7-17—offers competitions in *Woodworking, Woodcarving, Woodturning, and Fine Craft*. Delivery date is Aug. 25-26. For info: www.exponm.com or call: (505) 222-9706.

The **Washington State Fair**—Sept. 1-24—offers competitions in *Woodcarving and Sculpture* (Fine Arts). Entry deadline is Aug. 16. For info: www.thefair.com or call: (253) 841-5074.

The **Utah State Fair**—Sept. 7-17—offers competitions in various *Woodcarving and Woodworking*. For info: www.utahstatefair.com or call: (801) 538-8400.

The **Oklahoma State Fair**—Sept. 14-24—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. 29-Oct. 22—provides woodworking competitions in *Turning, Carving, Inlay, Chests & Boxes, Sculpture, Birdhouses, Fretwork, and Other*. Entry deadline is July 21. 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. 2 (mail), Sept. 9 (online). For info: www.azstatefair.com or call: (602) 252-6771.

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 2016, there were 220 international participants, and woodworkers **Ana Jimenez Palomar** (United Kingdom) and **Jonathan Otter** (Canada) received awards. *Certificates of Excellence* were also presented to woodworkers **Sally Burnett** (United Kingdom), **Cedric Chevalley** (Switzerland), **Lorenzo Franceschinis** (Italy), **Tomaž Lipovec** (Slovenia), **Tom Raffield** (United Kingdom), **Victoria Wagner** (California), and **Moyu Zhang** (New York). The 2018 entry deadline is Dec. 15, and cash prizes will be awarded. For info, visit the website: www.acd-award.com.

HARDWARE DESIGN COMPETITION

Doug Mockett & Co. sponsors its *32nd Annual Design Competition*, seeking the best innovative ideas in furniture parts, components, accessories, and hardware. \$1,000 in prize money will be awarded, plus royalties on sales. Entry deadline is Sept. 5. For info, visit the website: www.mockett.com or call: (310) 318-2491.

LUMINOUS

The **Arc Gallery** in San Francisco, CA hosts a national juried exhibition, *Luminous*, Nov. 11-Dec. 9. This multimedia show will include work that captures the elusive magic of the word, "luminous." Entry deadline is Sept. 18. For info, visit the web site: www.arc-sf.com or call: (415) 298-7969.

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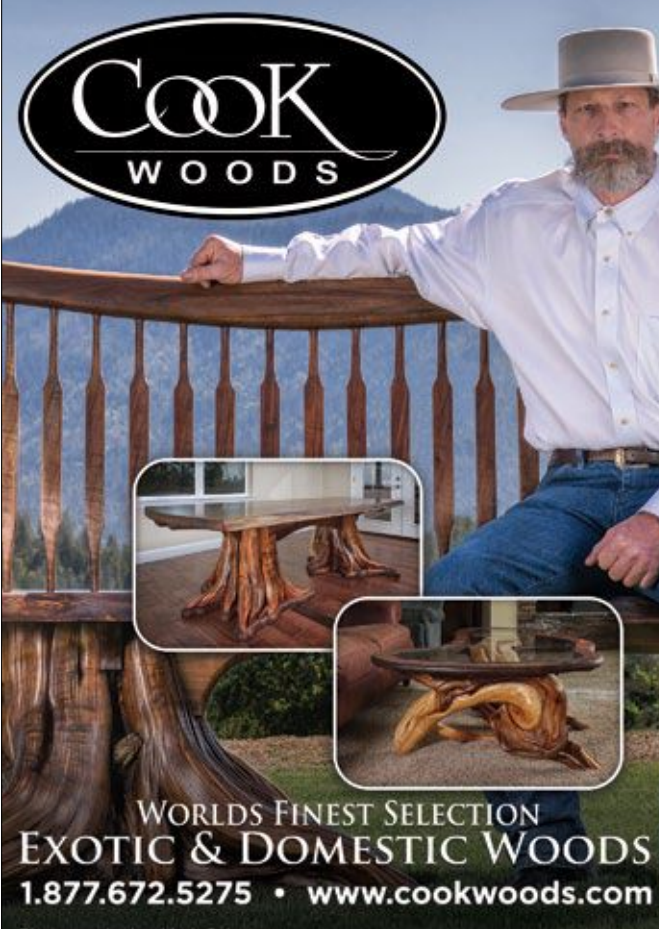
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MORE HAPPENINGS



John Mydock (Pahoa, HI)
As Above So Below
Norfolk Pine



Pat Kramer (Kailua, HI)
Natural Edge with Carved Feet
Milo

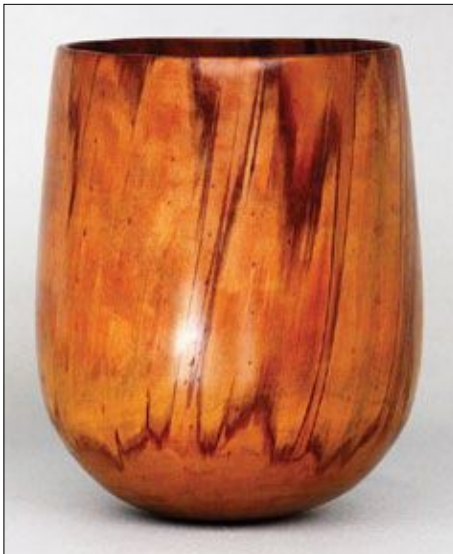
BIG ISLAND WOODTURNERS INVITATIONAL

In appreciation for its continued support, the **Big Island Woodturners** of Hawaii honored the **Wailoa Center's** 50th anniversary celebration by organizing a *Statewide Invitational Exhibition* last March. On display were 137 objects by 48 turned wood craftspersons, ranging from traditional Hawaiian bowls to artistic forms.

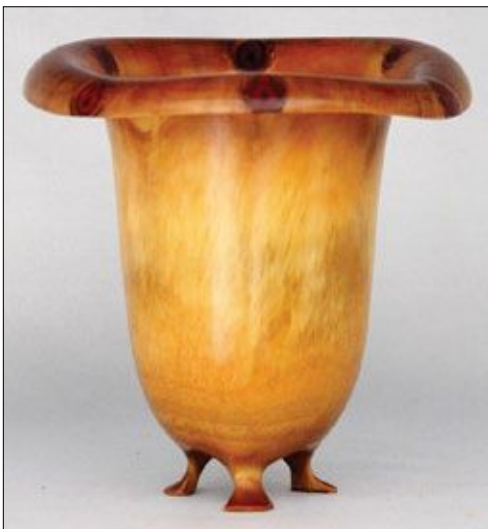
The *People's Choice Award* was presented to **John Mydock** (Big Island) for *As Above So Below*, a 22" diameter Norfolk Pine platter with pyrography on the rim and in the center. The *Turner's Choice Award* went to **Mark and Karen Stebbins** for their segmented *Plumeria Platter*, made of a Koa, Mango, Wenge and Bloodwood.

The *Curators Choice*, selected by the Wailoa Center's Director, was given to **Pat Kramer** for his *Natural Edge Milo Vessel with Carved Feet*, while the Executive Director of the State Foundation on Culture and Arts presented *Recognition Awards* to **Dennis Hakes** for his *Living on the Edge* Norfolk Pine vessel and **Aaron Hammer** for his *Dark Chocolate* natural edge bowl, made of Chocolate Albezia.

All exhibit pieces can be seen at the website: www.bigislandwoodturners.org/big-island-woodturners-invitational-19th-annual-exhibit.html.



Robert Masuda
(Kamuela, HI)
Kaha Ula
Cook Pine



Dennis Hakes
(Hilo, HI)
Living on the Edge
Norfolk Pine

Mark & Karen Stebbins
(Keeau, HI)
Plumeria
Koa, Mango,
Wenge, Bloodwood



MORE HAPPENINGS



David Fithian
(Keaau, HI)
liwi One
Chocolate Heart
Albizia



Parker Nicholson
(Keaau, HI)
Expansion
Mango & Koa



Aaron Hammer
(Oahu, HI)
Dark Chocolate
Chocolate Albizia



John Mydock &
Gregg Smith
(Pahoa, HI)
Ohana
Maple, Candy
Apple Urethane



Robert Makinen
Transfiguration in Wood
Padauk, Walnut



Cliff Johns
(Kealakekua, HI)
*Making the World a
Better Place*
Koa, Maple burl

WHAT'S HAPPENING

S.D. WOODWORKERS FALL SEMINAR

The **San Diego Fine Woodworkers** (SDFWA) will feature master craftsman and author **Andy Rae** at its *2017 Fall Seminar*, Sept. 15-17. Andy will cover joinery and finishing techniques, as he constructs a *Student Desk*. The completed desk will be raffled, with proceeds benefiting the *Turnaround for Vets Program*.

Non-member registration is \$160 (\$130 for SDFWA members), which includes breakfasts and lunches (Saturday and Sunday), drinks and snacks throughout the seminar, a copy of one of Andy's books, and a SDFWA membership. For info, visit the web site: www.sdfwa.org or call **Ed Gladney**, (858) 484-4366.

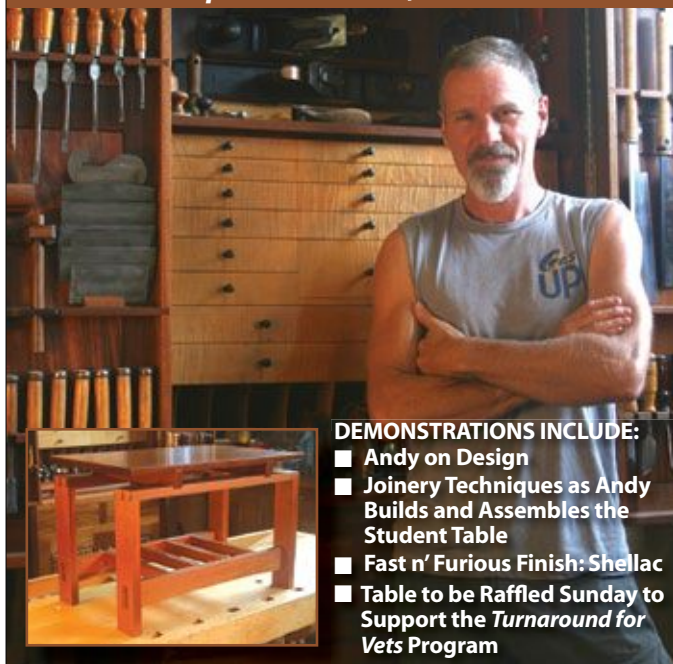
MIDWEST SCROLL SAW TRADE SHOW

The *2017 Midwest Scroll Saw and Woodworking Trade Show* will be held, Aug. 18-19 at the Dubuque County Fairgrounds in Dubuque, IA. This show will feature demos, displays, and vendors of scrollsaw, turning, carving, fretwork, intarsia, etc. For info, visit the website: www.midwesttradeshow.com or call: (608) 348-8332.

BAMBOO FESTIVAL

The annual **American Bamboo Society Conference** will take place, Nov. 1-5, in Puerto Rico. This event celebrates the wonders of Bamboo with presentations, demos, and workshops. Among the presentations will be *Building with Bamboo*. For info, visit the website: www.bamboo.org.

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DEMONSTRATIONS INCLUDE:
■ Andy on Design
■ Joinery Techniques as Andy Builds and Assembles the Student Table
■ Fast n' Furious Finish: Shellac
■ Table to be Raffled Sunday to Support the Turnaround for Vets Program

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*Includes SDFWA membership.

www.sdfwa.org/fall-seminar (858) 484-4366

KEZUROU-KAI USA 2017

Kezurou-Kai USA hosts its third annual revival of its *Kezurou-Kai USA* event Oct. 21-22, in Oakland, CA. Based on the annual festival in Japan, this program aims to promote traditional handtool woodworking techniques through demonstrations, hands-on experiences, sharing of knowledge, tool selling, and competitions, including planing the longest, thinnest shaving.

With the theme *Masters Working Among Us*, this year's focus will be on American Daiku (craftsmen), working in both Japanese and Chinese methods. There will also be a tour of the Tenpyokan Zen monastery, under construction in Lake County. For info, visit the website: www.kezuroukai.us.

CARVING & CRAFT SHOWS

- July 22-23 *Pacific Flyway Decoy Wildfowl Art Show* at Doubletree Hotel, **Sacramento, CA**. For info: Bob Solari, (925) 687-2013.
- July 22-23 *Tokeland Wood & Art Fest* at **Tokeland, WA**. For info: Jeremy Bartheld, (360) 590-0222.
- Aug. 10-12 *Carv-Fest* at Alexander Park, **Fairbault, MN**. For info: (507) 339-0336.
- Sept. 1-2 *Treasure Island Woodcarvers* at **Branson, MO**. For info: Doug Baughman, (712) 579-1457.
- Sept. 9-10 *Columbia Flyway Wildfowl Show* at Water Resources Education Center, **Vancouver, WA**. For info: Don Baiar, (360) 892-6738.
- Sept. 9-10 *Tri-Valley Carvers* at Veterans' Hall, **Pleasanton, CA**. For info: Bob Kehl (925) 443-5632.
- Sept. 9 *West County Woodcarvers* at Salem Church, **Ballwin, MO**. For info: Keith Krewson, (636) 227-3619.
- Sept 16-17 *40th annual Central Coast Carvers* at Veteran's Hall, **Cambria, CA**. For info: George Newell, (805) 550-4389.
- Sept. 16-17 *Woodcarvers of Northwest Arkansas* at Frisco Station Mall, **Rogers, AR**. For info: Gerald Krogman, (661) 816-5637.
- Sept. 23-24 *Artistry in Wood* at the Salvation Army, **Spokane, WA**. For info: Steve Pirtle, (509) 954-5922.
- Sept. 30 *Channel Island Carvers* at Masonic Lodge, **Ventura, CA**. For info: Al Plasch, (805) 644-3758.

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MORE HAPPENINGS

SWAT WOODTURNING SYMPOSIUM

The Texas woodturning clubs host their 25th annual *SWAT Woodturning Symposium*, Aug. 25-27, in Waco, TX. This event features demos, vendors, an instant gallery, raffles, and a banquet. Lead demonstrators include **Trent Bosch, Andy Cole, James Duxbury, Al Hockenbery, Eric Lofstrom**, and **Molly Winton**. Pre-registration deadline is Aug. 8. For info, visit the web site: www.swaturners.org.

YELLOWSTONE TURNING SYMPOSIUM

The **Yellowstone Woodturners** host their 12th *Woodturning Symposium*, Sept. 30-Oct. 1, in Billings, MT. Featured demonstrator is **Dennis Liggett**. Symposium information is available at: www.yellowstoneturners.org or call: **Stan Lambert**, (406) 348-3499.

GREAT FALLS TURNING SYMPOSIUM

The **Great Falls Woodturners** host their 2017 *Woodturning Symposium*, Sept. 23, in Great Falls, MT. Featured demonstrator is **Kai Muenzer of Edmonton, Canada**. For info, visit the website: www.gftturners.org or call **Sam Sampedro - 761-4145**: (406) 761-4145.

LIE-NIELSEN HAND TOOL EVENT

Lie-Nielsen Toolworks hosts its 36th anniversary *Open House and Lobster Bake*, July 7-8, at the Lie-Nielsen Toolworks factory in Warren, ME. For specific details, visit the website: www.lie-nielsen.com or call: (800) 327-2520.

ROCKY MOUNTAIN SYMPOSIUM

The 17th annual *Rocky Mountain Woodturning Symposium* will be held Sept. 15-17, 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 **Stuart Batty, Trent Bosch, Cynthia Carden Gibson, Kurt Hertzog, Eric Lofstrom, Jonathan Medina, Carmen De La Paz, Curt Theobald**, and **Tom Wirsing**. 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.

KALEIDOSCOPE WEEKEND

The annual **Nellie Bly Kaleidoscope Weekend** will be held Oct. 12-15 in Jerome, AZ. With the theme *Night at the Museum*, this event consists of a variety of kaleidoscope workshops, several consisting of 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.

TIMBER SPORTS

Fort Bragg, CA celebrates Labor Day Weekend with *Paul Bunyan Days*, Sept. 1-4. Besides the traditional parade, crafts fair, food and beer festival, and ugly dog contest, there is a *Logging Show*, featuring axe throwing, sawing, and pole climbing competitions. For info, visit the website: www.paulbunyandays.com.



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MORE HAPPENINGS

SEATTLE WOODEN BOAT FESTIVALS

The 41st annual **Lake Union Wooden Boat Festival** will be held July 1-4 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/events/festival/ or call: (206) 382-2628.

The 41st annual **Wooden Boat Festival** in Port Townsend, WA takes place Sept. 8-10. Nearly 300 finely-crafted wooden boats will be displayed, as well as demos of boatbuilding and woodworking. In addition, there will be the *Wooden Boat Building Challenge* and family boatbuilding workshops. For info, visit the website: www.woodenboat.org or call: (360) 385-3628.

DENVER WOOD DESIGN SYMPOSIUM

The *Denver Wood Design Symposium* is being held Sept. 20 at the Colorado Convention Center in Denver, CO. This is a multi-faceted, day-long educational event on the use of wood in non-residential and multi-family buildings. Registration is free. For info, visit the website: www.woodworks.org.

JLC LIVE

The *Journal of Light Construction* returns to the Pacific Northwest with its *JLC Live Show*, Nov. 29-Dec. 1, at the Oregon Convention Center in Portland, OR. This show features suppliers and educational sessions, aimed at the residential construction industry. For more info, visit the website: www.jlclive.com.

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FINE ART WOOD AT O.C. FAIR

The 18th annual *Fine Art Woodworking* exhibition will be held at the **Orange County Fair**, July 14-Aug. 13, in Costa Mesa, CA. Sponsored by the **Orange County Woodworkers**, the show received 200 entries from California woodworkers. On display in a gallery setting will be furniture, turned wood, accessories wall art, musical instruments, carvings, and sculptures, with on-going demonstrations of woodworking, woodturning, carving, and marquetry.

Featured artists are the talented father & daughter woodcarvers **Nairi and Larisa Safaryan**. Visitors can also vote for their favorite piece in the *Woodworker West People's Choice Awards*. The award ceremony and judges critique takes place Aug. 12. For info, visit the web site: www.ocfair.com or call: (714) 708-1624.

FESTOOL ROADSHOW

Festool has announced its 2nd annual *Festool Roadshow*, in which the power tool manufacturer's 48-foot demo truck will be visiting various retail outlets across the U.S. and Canada. Among the upcoming Western state stops are: Timber Woodworking Machinery in **Mesa, AZ** (July 10), In Touch Tools in **Palm Desert, CA** (July 27), The Hardwood & Hardware Co. in **San Diego, CA** (July 30), Austin Hardwoods in **Santa Ana, CA** (Aug. 2), Woodcraft in **Fountain Valley, CA** (Aug. 3), Hudson & West Hardwoods in **Torrance, CA** (Aug. 4), Anderson Plywood in **Culver City, CA** (Aug. 5), Woodcraft in **Ventura, CA** (Aug. 8), Woodcrafters in **Portland, OR** (Aug. 18), Woodcraft in **Seattle, WA** (Aug. 26), and Edensaw in **Port Townsend, WA** (Aug. 29). For the full tour schedule, visit the website: www.festoolroadshow.com.

WOODFEST 2017

The **Amana Arts Guild** in Amana, IA sponsors *Woodfest 2017*, Aug. 25-27, 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 or call (319) 622-3678.

TOOL SWAP MEETS

- July 8 *Rocky Mountain Tool Collectors*, **Albuquerque, NM**. For info: Jason Fink, (505) 238-8111.
- July 9 *Rocky Mountain Tool Collectors*, **Broomfield, CO**. For info: Don Burd, (720) 202-1372.
- July 15 *Pacific Northwest Tool Collectors*, **Ridgefield, WA**. For info: Bill Racine, (503) 628-1488.
- Aug. 6 *Old Tool Swap Meet* at Rockler Woodworking, 8199 Clairemont Mesa Blvd. **San Diego, CA**. For info: coffeorganic@hotmail.com.
- Aug. 12 *Pacific Northwest Tool Collectors*, **Hillsboro, OR**. For info: Bill Racine, (503) 628-1488.
- Aug. 19 *Tool Swap Meet* at Anderson Plywood, **Culver City, CA**. For info: John Arenson, (310) 397-8229.
- Aug. 19 *P.A.S.T. Summer Show* at Veteran's Building, **Sonoma, CA**. For info: Bob Valich, (707) 545-8812.
- Sept. 2-3 *Rocky Mountain Tool Collectors*, **Albuquerque, NM**. For info: Jason Fink, (505) 238-8111.
- Sept. 9 *Pacific Northwest Tool Collectors* at Alki Masonic Hall, **Seattle, WA**. For info: Bill Racine, (503) 628-1488.
- Sept. 17 *Mid-West Tool Collectors*, **Cosgrove, IA**. For info: Bill Ruppert, (319) 545-2756.

ON EXHIBIT

516 ARTS

516 Central Ave. SW., Albuquerque, NM (505) 242-1445

516 Arts presents *Fires of Change*, thru July 22. This exhibit takes an artistic perspective of wildfires. This exhibit features work by 10 multi-media Southwest artists, after they experienced a week-long *Fire Science Bootcamp*. Woodworkers participating are **Bryan David Griffith** and **Craig Goodworth**.

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*, thru Sept. 3. On display are pieces from the permanent collection.

ALLIED ARTS OF WHATCOM COUNTY

1418 Cornwall Ave., Bellingham, WA (360) 676-8548

The Allied Arts of Whatcom County Gallery presents *Organic Reaction*, Aug. 4-26. Among the four featured artists is furniture-maker **Jed Huff**.

ARTWOOD

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

Artwood presents woodwork by gallery artists this summer, with a special exhibition of turned wood by **Steve Pulver** in August.

ART IN THE HIGH DESERT

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

The annual *Art in the High Desert* will be held Aug. 25-27. This showcase features 100 multi-media artists, including a dozen woodworkers.

ART IN THE PEARL

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

The 21st annual *Art in the Pearl* takes place Sept. 2-4 in the center of the noted Portland art district. This juried outdoor multi-media craft show consists of 130 artist booths, including a dozen woodworkers.

BAINBRIDGE ARTS & CRAFTS

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

Bainbridge Arts & Crafts presents *Yard Art*, thru July 2. This group show features functional and/or decorative pieces of sculpture, furniture, wall art, and other outside accoutrements.

BAINBRIDGE ISLAND STUDIO TOUR

Bainbridge Island, WA (206) 842-0504

Artists on Bainbridge Island open their studios to visitors, Aug. 11-13. Among the multi-media artists participating are a number of woodworkers.

BEAVER CREEK ART FESTIVAL

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

The 30th annual *Beaver Creek Art Festival* takes place Aug. 5-6. Among the 200 multi-media artists are two dozen woodworkers.

BOWERS MUSEUM OF CULTURAL ART

2002 N. Main St., Santa Ana, CA (714) 567-3600

The Bowers Museum presents *Frank Lloyd Wright: Architecture of the Interior* thru Aug. 20. This exhibition features drawings and photos of interiors, furnishings, and household objects, which offer insight into Wright's inception of a grand idea—down to the smallest details and objects.

CHERRY CREEK ARTS FESTIVAL

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

The *Cherry Creek Arts Festival*, one of the nation's most competitive outdoor juried arts festivals, takes place July 1-3, featuring 236 artists working in various media. Among the wood artists participating 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**.

CRAFT ALLIANCE

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

Craft Alliance presents *Think Rethink*, Aug. 25-Oct. 22. **Howard Jones**, a local St. Louis artist, is obsessed with tools. These are not your ordinary tools. Jones masterfully melds ideas of the everyday tool with fantasy. Adding the unexpected allows for a witty dialogue around functionality.



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DENVER MUSEUM OF ART

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

The Denver Art Museum presents *Depth & Detail*, thru July 2, showcasing a variety of carved, cut, incised, and etched bamboo objects, from China, Japan, and Korea. *Unseated*, thru Nov. 12, challenges the notion of the chair form by contemporary designers.

FOLK & FINE ART

1861-A Solano Ave., Berkeley, CA (510) 900-2591

Folk & Fine Art presents *From the Mudflats and Beyond*, Aug. 2-Sept. 14. On display are sculptural assemblies, often humorous, by **Tyler James Hoare**, made of found and tooled objects with overtones of Surrealism.

FOOTHILLS ART CENTER

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

The Foothills Art Center presents *Variations on Growth*, thru July 25. This exhibition features massive installations by **Ben Butler** in wood, foam, and concrete.



Ben Butler's *Specimens*, a collection of large forms made of Cedar.

FORT MASON CENTER

San Francisco, CA (800) 836-3470

The **American Craft Council** holds its annual *American Craft Show*, Aug. 4-6. This juried exhibition features over 225 craftspeople working in various craft media, including 25 wood furniture-makers, turners, and sculptors.

GALLERY NINE

124 S. 9th St., Lincoln, NE (402) 477-2822

Gallery Nine has a wood exhibition, Aug. 2-27. On display will

be work by **Mark Entzminger** (turned wood), **Larry Schwisow** (wood), and **P.J. Peters** (wood/mixed media).

GATHERING AT THE GREAT DIVIDE

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

The 42nd annual *Gathering at the Great Divide Art Festival*, Sept. 2-4, features over 100 artists in various media.

GUALALA ARTS CENTER

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

The Gualala Arts Center hosts *Art in the Redwoods*, Aug. 11-Sept. 3. This festival features work in various media, including wood.

GUARDINO GALLERY

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

The Guardino Gallery features carved wood sculpture by **Deborah Unger**, thru July 25.

HAUSER & WIRTH

901 E. 3rd St., Los Angeles, CA (213) 943-1620

Hauser & Wirth presents *White Snow Spinoffs*, July 1-Sept. 17. This exhibition features large Black Walnut sculptures from **Paul McCarthy's** *White Snow* series, distorted interpretations of the German folktale *Snow White*.



Artist Paul McCarthy's interpretations of the German folktale *Snow White*, carved in Black Walnut.

HENRY ART GALLERY

15th Ave. NE. & NE. 41st St., Seattle, WA (206) 543-2280

The Henry Art Gallery at the University of Washington presents *Fun. No Fun*, thru Sept. 10. An installation by **Kraft Duntz** and artist **Dawn Cerny** occupies the large lower level gallery.

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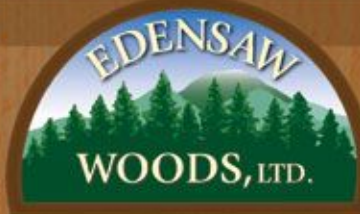
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HONOLULU MUSEUM OF ART SCHOOL

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

The Honolulu Museum of Art School hosts the 39th annual *Commitment to Excellence*, Aug. 8-17. Sponsored by the **Honolulu Japanese Chamber of Commerce**, this showcase features works in all media by Hawaiian residents.

HOUSTON CENTER FOR CRAFT

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

The Houston Center for Contemporary Craft (HCCC) presents **Annie Evelyn: Multiple Impressions**, thru Sept. 2. Annie creates wood frame seating, using alternative materials—such as cement and aluminum—to upholster her pieces. By manipulating the tessellations of materials, she creates comfortable, squishy seats.

JACKSON HOLE ART FAIR

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

The Jackson Hole Art Fair takes place July 7-9 and Aug. 11-13. This multimedia show of 170 artists includes a dozen woodworkers.

LAGUNA ART FESTIVAL

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, Larry Marley, Troy Poeschl, Barry Robin, Tim Shockley, Stephen Vigar,** and **Loyd Walter**. Both the *Sawdust Festival* and *Art-A-Fair* run thru Sept. 3. Among the multi-media artists at the *Sawdust Festival* are woodworkers **Randy Bader, John Enfield, Michael Scott, Andrew Soliz, David Sullenger,** and **Terry Tuzzolino**, while *Art-A-Fair* has wood art by **Michael Crook, Leonard Duarte,** and **Larry Sears**. For info: *Festival of the Arts*: (949) 494-1145, *Sawdust*: (949) 494-3030, and *Art-A-Fair*: (949) 494-4514.

LOVELAND'S BENSON SCULPTURE

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

The Loveland High Plains Art Council presents its 34th annual *Sculpture in the Park*, Aug. 11-13. This show features 160 multi-media artists, including a dozen woodworkers.

MARIN COUNTY FAIR

San Rafael, CA (415) 499-7048

The Marin County Fair presents its 76th annual *Fine Art/Fine Craft Juried Exhibition*, thru July 4, in San Rafael, CA. This show features fine art, craft, and art chairs, in all media by artists from throughout California.

MUSEUM OF CONTEMPORARY ART

8687 Melrose Ave., West Hollywood, CA (310) 289-5223

MOCA at the **Pacific Design Center** presents **Peter Shire: Naked Is the Best Disguise**, thru July 2. This exhibit surveys the work of this Los Angeles-based artist, including ceramics, furniture, and a small selection of works on paper.

MUSEUM OF FINE ART

1406 Kirby Dr., Houston, TX (713) 639-7300

The Museum of Fine Art presents *Decorative Arts in the Age of Victoria*, thru July 31. This exhibition features porcelain, glass, jewelry, miniatures, wallpaper, and furniture from the reign of the British Queen Victoria (1837-1901).

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MUSEUM OF INTERNATIONAL FOLK ART

706 Camino Lejo, Santa Fe, NM (505) 476-1200

The Museum of International Folk Art presents *No Idle Hands: The Myths & Meanings of Tramp Art*, thru Sept. 16, 2018. Tramp art describes a particular type of chip-carved woodwork that was practiced in Europe and the United States between the 1870s and 1940s. It makes use of discarded cigar boxes or crates that were then notch-carved along the edges and layered.

NORTHWINDS ART CENTER

2409 Jefferson St., Port Townsend, WA (360) 379-1086

The Northwinds Art Center presents *Artist Showcase 2017*, thru Dec. 31. Among the 40 multi-media artists are woodworkers **Mike McCollum**, **R. Evan Miller**, and **Joe Wuts**.

ODD FELLOWS HALL

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

The Odd Fellows Hall hosts *#wood2art* thru July 30. This is the annual *Fine Woodworking Show*, displaying work by members of the **Mendocino County Furnituremakers**.

PARK CITY ARTS FESTIVAL

Park City, UT (435) 649-8882

The 48th annual *Park City Kimball Arts Festival*, Aug. 4-6, features 220 fine artists from across North America, including 20 woodworkers. The 2016 *Best of Show in Wood* award went to **Ken Desplanques** of Mancos, CO, a former woodshop teacher.

Former woodshop teacher Kevin Desplanques of Mancos, CO was the *Best of Show in Wood* at the 2016 *Park City Kimball Arts Festival*.

Kevin Desplanques
Loveseat Rocker
Sipo Mahogany
(42" h, 49" w, 36" d)



Photo: Paul Boyer

PARTNERS GALLERY

335 N. Franklin St., Fort Bragg, CA (707) 962-0233

The Partners Gallery features wood sculpture by **Carolyn King**, Aug. 3-28.

PLAINES ART MUSEUM

704 First Ave. N., Fargo, ND (701) 232-3821

The Plaines Art Museum presents *Closing of Cultural Confluence*, thru Sept. 16. This exhibit showcases the work of **Truman Lowe**, a Ho Chuck Indian sculptor and installation artist and University of Wisconsin professor. Many of his sculptural constructions are made of Willow saplings.

Also on display is *Architecture for the Birds*, thru Sept. 16. This annual exhibition challenges students to design and fabricate a birdhouse to suit the specific needs of a chosen bird, while drawing inspiration from a specific architect.

R. BLITZER GALLERY

2801 Mission St., Santa Cruz, CA (831) 458-1217

The R. Blitzer Gallery presents *Santa Cruz Art of Guitar Exhibition*, thru July 14. As part of a 6-week festival, this exhibit features instruments by 20 local guitar makers.

ROCK HOLLOW FARM

505 E. Silberhorn Rd., Sequim, WA (360) 460-6563

In conjunction with *Sequim Lavender Weekend*, Rock Hollow Farm hosts *Art Jam 2017*, July 21-23. This gathering of artists includes woodworkers **Tammy Hall**, **Mike McCollum**, and **Stephen Portner**.

Mike McCollum creates sculptural functional and non-functional pieces, combining woods and resins. Besides being a *Special Guest Artist* at Rock Hollow Farm's *Art Jam 2017*, he is participating in the the Northwinds' *Showcase*.



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S.D. MUSEUM OF ART

1450 El Prado, San Diego, CA (619) 232-7931

The San Diego Museum of Art presents *What You See Is What You Get*, thru July 25. This exhibition features the new sculptural work of British artist **Richard Deacon**, who uses a variety of materials and methods.

SAN JUAN ISLAND MUSEUM OF ART

540 Spring St., Friday Harbor, WA (360) 370-5050

The San Juan Island Museum of Art presents *Emergence*, thru Sept. 4. This exhibit features contemporary artists from Pacific Northwest tribes, working in glass, prints, stone, bone, and wood.

ST. LOUIS ARTISTS' GUILD

12 N. Jackson Ave., Clayton, MO (314) 727-6266

The **St. Louis Artist's Guild** hosts *Ann Metzger Memorial National All Media Exhibition*, thru July 22. This juried exhibition features sculpture and fine craft, including work in ceramics, fiber, glass, metal, paper, plastic, stone, and wood.

STANFORD UNIVERSITY

Cantor Art Center, Stanford, CA (650) 723-4177

The Cantor Arts Center presents *Creativity on the Line: Design and the Corporate World*, thru Aug. 21. This exhibition presents creations and productions of mid-century modern design (1950–1975), by **Eliot Noyes, Paul Rand, Charles & Ray Eames, George Nelson, Ivan Chermayeff, Will Burtin, Ettore Sottsass, Marcello Nizzoli**, and **Dieter Rams**.

STONINGTON GALLERY

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

The Stonington Gallery presents **Hib Sabin: The Long Game**, July 6–30. Now in his 80's, Sabin turns his critical eye and dextrous carving upon himself, with work that reflects on the process of aging, the need for nostalgia and review of the past, and the fearlessness of the future.

SUN VALLEY ARTS & CRAFTS

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

The 49th annual *Sun Valley Center Arts & Crafts Festival*, Aug. 11–13, features 140 artists, including a dozen woodworkers.

TANSEY CONTEMPORARY

652 Canyon Rd., Santa Fe, NM (505) 995-8513

Tansey Contemporary features the wood sculptural work of **Melinda Rosenberg**, Aug. 4–25, assembled from old, recycled barn and found wood.

TEMPE CENTER FOR THE ARTS

700 W. Rio Salado Pkwy., Tempe, AZ (480) 350-2829

The Tempe Center for the Arts presents *Biomimicry: Nature Inspired Design*, thru Aug. 26. This multimedia exhibit includes woodwork by **Alexandra Bowers, Christine Lee**, and **Damon McIntyre**.

THE ISLAND GALLERY

100 Madison Ave., Bainbridge Island, WA (206) 780-9500

The Island Gallery presents *Furniture & Prints: Subtle Design, Dramatic Impact*, thru Aug. 31, showcasing furniture by **Carl Yurdin**.

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VESTERHEM 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 29. This exhibit features selected work of rosemaling, weaving, woodworking, and knifemaking, from a national competition, done in the Norwegian tradition.

Spoons: Carving. Community. runs Aug. 25–Nov. 4, 2018. The exhibition focuses on the form, function, and design of spoons; on the traditions and folklore surrounding Norwegian spoons; and on contemporary and historic artists.

WHIDBEY ISLAND CENTER FOR ARTS

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

The **Whidbey Island Woodworkers Guild** presents its 14th annual *Art + Wood=Woodpalooza*, Sept. 2–4. This show features work by 20 members, including furniture, cabinetry, architectural woodwork, turnings, carvings, musical instrument makers, and boats.

WHITE RIVER VALLEY MUSEUM

918 H St. SE., Auburn, WA (253) 288-7433

The White River Valley Museum presents *Handmade in Camp: What We Couldn't Carry*, thru Nov. 6. This group show consists of over 60 items including furniture, jewelry, tools, paintings, needlework, scrapbooks, games, toys, and quilts—all handcrafted items made by Japanese Americans during their WWII incarceration.

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Walnut

ALLIED CRAFTSMEN OF SAN DIEGO

The **Allied Craftsmen of San Diego** celebrates its 70th year with a juried exhibition of members' work at Sparks Gallery in downtown San Diego. The exhibition, *Allied Craftsmen: Material Obsessions*, showcases innovative processes and high standards of workmanship in all craft media, including pieces by nine wood artists.

One of the longest running craft organizations in the country, Allied Craftsmen's mission to promote cutting-edge contemporary craft—from the functional to the conceptual—has remained unchanged since its founding in 1947. Current membership includes 75 craftspersons, working in wood, clay, metal, glass, wire, fabric, gold and silver.

The Sparks Gallery is located at 530 Sixth Ave. in San Diego, CA. For gallery info, call: (619) 696-1416. For the Allied Craftsman, visit the website: www.alliedcraftsmen.org.



Eric Gronborg
Wall Shelf with Cup
Avocado Wood,
basalt clay



Polly Jacobs Giacchina
Evolution
Bamboo, caning,
Date Palm, pods,
wire



Vincent Robles
Turnos Table
Glass, paint, wood

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 be demonstrating at the *Alaska State Fair*, Aug. 24-Sept. 4. For info: www.akwoodturners.org.

ARIZONA

The **Southern Arizona Woodturners** will have a workshop with **Stuart Batty**, Aug. 6. For info: www.sazwa.org.

CALIFORNIA

The **Bay Area Woodturners** will have a *Wooden Flying Disc Competition* at its picnic, Aug. 6. For info: www.bayareawoodturners.org.

The **Channel Island Woodturners** will have a demo by **Jimmy Clewes**, Oct. 28. For info: www.channelislandswoodturners.org.

The **Diablo Woodworkers** will have a talk on *Making Hand Tools* by **Yeung Chan**, July 12. For info: www.diablowoodworkers.com.

The **Gold Country Woodturners** will demonstrate at the *Nevada County Fair*, Aug. 9-13. For info: www.goldturners.org.

The **Orange County Woodturners** will demonstrate at the *Orange County Fair*, July 14-Aug. 14. For info: www.ocwoodworkers.org.

The **Mendocino Coast Furnituremakers** will exhibit members' works at the Odd Fellows Hall in Mendocino, thru July 30. For info: www.mendocinofurniture.com.

The **Sacramento Woodworkers** will demonstrate at the *California State Fair*, July 14-30. For info: www.hengemedia.wordpress.com.

The **San Diego Woodturners** will have classes with **Stuart Batty**, July 17-21. For info: www.sdwat.org.

The **San Diego Fine Woodworkers** hold their *2017 Fall Seminar* with **Andy Rae**, Sept. 15-17. For info, visit the web site: www.sdfwa.org.

Various San Diego wood clubs will be demonstrating during the *Design in Wood* exhibition, thru July 4, at the *San Diego County Fair*. For info: www.sdfair.com.

COLORADO

The **Pikes Peak Woodturners** will demonstrate at the *El Paso County Fair*, July 20-22. For info: www.ppwoodturners.org.

The **Rocky Mountain Woodturners** will have a demo by **Ashley Harwood**, Aug. 3. The *17th annual Rocky Mountain Woodturning Symposium* will be held Sept. 15-17, in Loveland, CO. For info: www.rmwt.org.

HAWAII

The **Honolulu Woodturners** will demonstrate at the *Mango Jam*, July 14-15. They will have a demo & workshop with **Mark Sfirri**, Sept. 23-24. For info: www.honoluluwoodturners.org.

MISSOURI

The **Kansas City Woodturners** will have a demo by **Lyle Jamieson**, July 10. They will demonstrate at *Irish Fest 2017*, over Labor Day weekend. For info: www.kcwoodturners.org.

MONTANA

The **Yellowstone Woodturners** will hold *Symposium 12* with **Dennis Liggett**, Sept. 30-Oct. 1. For info: www.yellowstoneturners.org.

OKLAHOMA

The **Northeastern Oklahoma Woodturners** will have a demo & class with **Kirk DeHeer**, Sept. 23-26. For info: www.neowta.com.

OREGON

The **Beaver State Woodturners** will have a demo by **Sara Robinson**, July 27. For info: www.beaverstatewoodturners.com.

The **Cascade Woodturners** will have a demo by **Michael Mocho**, July 20. For info: www.cwa49.wildapricot.org.

The **Northwest Woodturners** will have a demo by **Tania Radda**, July 6. For info: www.northwestwoodturners.com.

The **Willamette Valley Woodturners** will have a demo by **Eric Lofstrom**, July 13. For info: www.willamettevalleywoodturners.com.

TEXAS

The **Golden Triangle Woodturners** will have a demo & workshop with **Janice Levi**, Aug. 7-8. For info: www.goldentrianglewoodturners.org.

The **Lone Star Woodturners** will have demo by **Rebecca DeGroot**, July. 22. For info: www.lonestarwoodturners.com.

Texas turning clubs host their 25th annual *SWAT Woodturning Symposium*, Aug. 25-27, in Waco, TX. For info: www.swaturners.org.

WASHINGTON

The **Olympic Peninsula Woodturners** will have a demo by **Katherine Duncan**, July 26. They will demo at the *Kitsap County Fair*, Aug. 23-27. For info: www.opcaaw.com.

The **Seattle Woodturners** will hold a *Mini-Symposium*, July 13. For info: www.seattlewoodturners.org.

The **Whidbey Island Woodworkers** showcases members' work in *Art + Wood=Woodpalooza*, Sept. 2-4, at the Whidbey Island Center for Arts in Langley. For info: www.woodpalooza.com.

The **Woodturners of Olympia** will have a demo and class with **Michael Mocho**, July 16-19. For info: www.woodturnersofolympia.org.



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From David Marks Studio

Using Templates & Question

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.

All 91 episodes of the seven seasons of *WoodWorks* can be purchased as DVDs—by season—or as individual downloadable episodes, from David's eStore at: www.djmarks.com/estore/.

2017 hands-on classes, conducted in his Santa Rosa, CA studio, will be:

- July 7-9 Gilding & Chemical Patination
- Aug. 4-6 Marquetry & Inlay
- Oct. 5-9 Creative Bowl Turning
- Oct. 19-23 Creative Bowl Turning
- Nov. 9-12 Marquetry (Paul Schürch)
- Dec. 1-3 Gilding & Chemical Patination

Class details are available at the website: www.djmarks.com/classes/2017-classes/

Many woodworkers have commented on the number of templates I make. I will often hear humorous remarks like; “You must own stock in MDF” (medium density fiberboard) or “I’ll bet you have a warehouse somewhere to store all of your MDF patterns.” I have even heard one gentleman ask “Wouldn’t it be faster to just build the piece of furniture rather than spend all of that time making full scale drawings, mock ups, and templates?” My response was “Yes, but I’m not always happy with the outcome.”

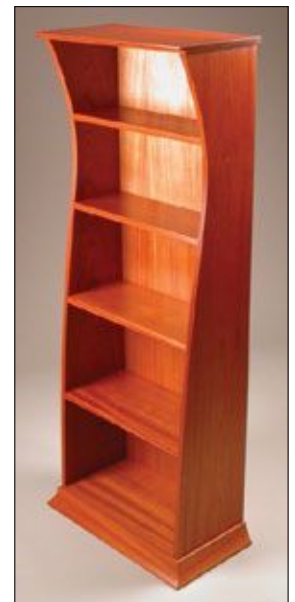
My methods are a system that I have developed from over 40 years of working with wood. I am meticulous by nature, and I do not like wasting expensive hardwood. As a result, I have developed an approach to furniture making that makes sense to me.

I always begin with sketches because it is the least expensive and quickest way to sort through ideas. If I see something I like, I develop it further. Once I decide to commit to a project, I will draw it full scale on a piece of 1/8" MDF in three views: Plan (Top), End, and Side. As I go through this exercise, I’ll learn more about the piece, thus preventing possible mistakes from occurring down the line. Another reason that I make so many templates is the fact that I like to design pieces with curved lines, and it is much more difficult to build woodwork with curves than woodwork that is composed of straight lines.

A decent quality tablesaw with a sharp, good quality carbide blade will yield lots of smooth straight cuts requiring little effort to scrape and sand smooth the various facets of a linear design. By contrast, a bookcase, made from a dense wood (i.e., Jatoba) that has solid wood sides with elongated S curves, is somewhat of a chore to shape when it comes time to make two sides that are a mirror image of each other and finesse those curves.

Pattern routing, also known as silhouette cutting and template routing, is a very efficient solution. For one thing, it is much easier to shape a piece of MDF than a piece of wood.

If you have ever tried to smooth a curve in a piece of hardwood after it has been cut out on a band saw, then you know what I am talking about. Wood has a grain structure to it, and you will find the long grain fibers are easier to work with than the end grain.



Contemporary Jatoba Bookcase from *WoodWorks*, Episode 501



David Marks routing with a template.

MDF is made from glue and compressed sawdust, with no grain structure, making it very easy to shape. After band sawing I'll follow up with a pattern makers rasp and then fare the final curve with sandpaper. I find that the best way to blend the transitions is to double stick tape a piece of 80 grit sandpaper to a thin piece of wood $\frac{1}{16}$ " to $\frac{1}{8}$ " and work it back and forth, leveling the high spots down to the low spots. Once the pattern or template is smooth, double stick tape it to the hardwood stock and band saw the profile staying at least $\frac{1}{16}$ " away from the template.

After band sawing, you can use a router with a flush trim bit to finish it off. The bearing will rub against your template, while the cutter removes all of the excess wood flush to the edge of your template. Carbide bits work really well, and for difficult woods, I use a spiral or helical-shaped carbide bit.

Now, for a question. . .

1. Gilding Ungessoed Wood: *I once saw a picture frame that was completely gilded, yet the gold was tissue thin and one could see the figured wood grain right through the gold —obviously no gesso or bole was used. How is this done? What is the technique called? Was the gold an especially fine thinness, and if so, what does one ask for when buying the gold leaf? The frame was at a museum show, and no one at the museum could help me. The effect was very handsome, and I want to replicate it on old Paulowina wood bases for a pair of Japanese bronze cachepots. Walter*

David's Answer: Your question about the picture frame with Gold leaf so thin that you could see the figured wood right through it is very intriguing.

You are correct that no gesso or bole would have been used underneath the gold, because they are both opaque. This means that the base had to be transparent. I have used shellac as a good base to seal the wood. Shellac will dry to a transparent finish, so that you can see the beauty of the grain through the clear finish.

I also like to use oil-based quick dry size (gold leaf adhesive) as a base, because it will fill faster and dry to a harder surface.

Genuine Gold leaf is beaten to a thinness of anywhere from 3 to 5 millionths of an inch. I once had a physicist in one of my classes that told me that Gold Leaf was 400 atoms thick. The Rutherford Experiment validates this statement.

So, we know that Genuine Gold leaf in the 22 to 24 Karat range is already extremely thin, but I have applied single layers of 23.75 Karat Gold, and it is still opaque on the wood.

I have seen some antique Gold leafed frames where the Gold had been rubbed over the years to a point where you could see the bole (red clay) through the Gold. In speaking with Museum guides, it has been suggested that cleaners will dust the frames by rubbing them with a soft cloth, and eventually they rub through the gold. Walter, my suggestion is that you create a series of sample boards and do some experiments.

Since you stated that you would like to use Paulowina wood, then I recommend building a clear base finish using oil-based quick dry size. The quick dry size will dry enough to be sanded in approximately 4 to 5 hours, if it's in a warm environment (75° to 80°). Sand it with 320 grit in between coats (you might need to start with 220) to smooth it and keep applying coats (drying, then sanding) until the wood is smooth to your liking. Since Paulowina is an open grained wood, this might take a while. Another option would be to use a closed grain wood, such as Maple.

Once the surface is filled and smooth, then I would wet sand the finish with 1000 grit wet/dry sandpaper to get a glass smooth surface. Now, you are ready to gild. Use a very fine sable/synthetic hair brush with a square end. The brush should be nice and soft.

Brush on one coat of quick dry oil based size.

Once it has dried to a dry tack (you can lightly drag your knuckle across the surface and hear a slight squeaking sound), then you can apply the genuine Gold Leaf.

After the surface has dried overnight, you can smooth it with a cotton ball (don't use synthetic cotton balls, they will scratch the surface). I would allow the surface to harden for several days, maybe longer, and then begin rubbing it with a soft cotton tee shirt.

I don't know how long it might take to rub enough atoms of gold off before you begin to see the wood underneath, but I'm sure that eventually you will rub some of the gold away.

The faster technique for "aging" gold would be to rub it lightly with 0000 steel wool. I have seen this technique used to get an antique look, but it does have a scratchy appearance.

Another technique would be to rub some of the gold off using rottenstone powder on a soft cotton cloth.

Tools & Techniques

Shopping at the AWFS Fair?

by Andrew Glantz



The AWFS Fair in Las Vegas is an opportunity to see a wide range of woodworking tools demonstrated, with manufacturer reps on hand to answer questions.

Andrew Glantz of Scottsdale, AZ has been working with wood for nearly 40 years. Owner of Zenith Design, he crafts contemporary, sculptural furniture, primarily for residential clients. Andy also is an activist for the arts, through participation in various organizations and curation of several major exhibitions. He served on the Board of the Furniture Society, completing a term as President in 2011.

Exhibitors include many tools and supplies, not readily available in retail stores.



Once again, we are nearing the biennial *AWFS Fair* in Las Vegas. It's a great event, and I always feel like a kid in a candy store. But more importantly, I look forward to this show as a way of checking where I am now and where I'd like to be in another two years. Between the machinery, supplies, and the *College of Knowledge*, this event falls far down the scale toward technical rather than aesthetic. I enjoy both kinds of events, but this one provides me with a chance to feed my inner techno-twit. I like to gawk at the big stuff, which I will never need or afford, but I go for the smaller things that I hope will help me elevate my game without financially knocking me into a bigger league where I cannot compete. The seminars offered through the *College of Knowledge* can fill in significant gaps in understanding, especially if you are making a bigger leap.

In the months leading up to AWFS, I take a close look at what I have been doing and what I would like to be doing a year or two down the road. Where are the possible upgrades that will help me to be more accurate and more productive? How can I work smarter and faster? It usually boils down to an older machine that I have been itching to replace with something bigger and better. And yet, my personal review also helps me to take a closer look at my methods of work and how I might change them for a broader upgrade: Is this the year that I decide to “go digital” in both design and fabrication? Is this the year that I step up my finishing process? Is this the year for a big overhaul of dust collection? Rather than apply a patch and replace only one machine, should I really look at how I can upgrade a whole system? Can I be better positioned to work smarter, not harder?

In making these decisions, it is imperative that I do some close calculations, before I even step onto the show floor. If I don't, I risk making a big and expensive mistake that will take years to amortize—and that will make me more gun-shy about significant changes for the future. Big shop or small shop, the same rules apply to the decision-making process.

FIVE KEY QUESTIONS

1. What is my budget? Like going to Las Vegas to gamble, I'd better put a limit on the bleeding. What can I afford and how will I pay the bill? I try to look at how new tooling will “earn its keep” on an on-going basis and save me time. If I run this out, when will my purchase pay for itself? Is this a tool that I only need for one job—should I simply sub it out instead? Often, I have had a job waiting in the wings, and I can see the payoff in one job. That's a big win, but I don't want something gathering dust that I only used once.

2. This is perhaps the most important question to ask, but the hardest to answer: Where is the need? What capacity do I wish to increase? Which areas need to be streamlined for smoother work flow or greater profit? Identifying the weakest area or the one with the greatest potential is the biggest single step. I leave myself enough time before heading to the show to examine different areas and processes and evaluate how changes might help me to grow. I talk with others who have made changes about their purchases and the fall-out. Then, I decide which one is THE one for this round of upgrades. What might the gains be? I do a few quick time studies, based on educated guesses, on how the cash outlay will reap gains over the next two years. When will this upgrade pay for itself? Is it worth it? And does it fit with the budget I have set?

3. How much floor space am I willing to allocate for the new tooling or machinery? I have a small shop, and space is at a premium. Do I have the infeed and outfeed space that I will need to be able to use the machine, without a significant struggle each time I want to run a longer or wider piece through it? If I need a bigger space for a bigger machine, what is going to change to allow me to move in a much larger chunk of iron? Is there a way to sell off something that this machine will eliminate? Can I recoup some of the price by selling my older machine? Am I being realistic about all of this? I'd better be.

4. What are the increased electrical requirements that the new machine might generate? Do I have the capacity in my box already or will I need to upgrade this as well? Back to question one, for more deliberation. And then where will the electrical line come from? Is there an outlet near? And incidentally, what about dust collection? Can I use the same port as the old machine, or will the increased capacity mean a bigger diameter duct and blast gate?

5. Can I easily remove the old machinery and install the new machinery without removing doors, taking

out walls, or having to move other pieces of heavy equipment? My father once purchased a big, new printing press off the floor of a show, a great bargain on a wonderful new machine, but never realized that it would not fit through the big double doors at the back of the print shop. With the riggers waiting in a snowstorm, we madly "renovated" the double doors, adding several inches to the width and height, and hundreds of dollars to the cost. The new opening was vaguely sealed with plywood and plastic until the spring, and it rankled him every time he looked at it.

There is one other factor that I have left out, but really need to discuss: the unknown. The reason to attend these shows in the first place is that we come across new and unexpected options. We need to allow ourselves to rethink on the fly. Last time I went to AWFS, I was looking for a new fence for my table saw, which seemed to be a simple and straightforward problem. I thought it would be easy and the solution relatively inexpensive. But the well-known names in fences were not at the show, and I didn't see anything that was really a step up. A friend suggested that we look at what Tiger Stop had to offer. I was dubious, not because I don't like their stuff, but because it is way more than I thought I needed. After discussions with the rep, sleeping on it, and talking with my wife, I decided to pull the trigger. I admit that I was a bit worried about it, but once installed, it has proven to be all I wanted and so much more. It is a game changer for me, and I am glad that I allowed myself to step out a bit and rethink the purchase. But overnight, I still went back to my five questions and made sure that I was sufficiently satisfied with the answers, before I handed over my credit card.

In the long run, you may decide not to make changes for the time being. I have been looking to upgrade my band saw for years, but have not found anything that truly does what I want and would make the upgrade pay for itself. Maybe this year, I will. I'll see you on the floor of the show!



Turning Topics

Keeping del Mano Gallery's Legacy Alive

Small Treasures 2017



Derek Bencomo
(Lahaina, HI)
Little Dancer
Satinwood burl
(1 1/2" h, 4 1/2" w, 4" d)



Cindy Drozda
(Boulder, CO)
Alternate Realities
Sea Urchin shell, African
Blackwood, variegated metal
leaf, 3mm chrome diopside,
gemstone, Gold-filled beads
(6" h, 3 1/2" w, 6 3/4" d)



Jon Sauer (Pacifica, CA)
Amboy V Top
Amboy burl, African
Blackwood, Tagua &
Betel nuts
(3 3/4" h, 1 7/8" dia.)



Pat and Karen Miller
(Yakima, WA)
Eukaryote
Big Leaf Maple,
African Blackwood
(4 1/2" h, 2 1/2" w, 2 3/4" d)

Bruce Berger
(Westlake Village, CA)
Red Twist
Eucalyptus burl, dyed
red & black veneers
(3 5/8" h, 5 1/4" dia.)



Stephen Hatcher (Olympia, WA)
Spring Dawn
Maple, Ebony, mineral
crystals, resin, dyes
(3 1/2" h, 3 1/2" dia.)





Tania Radda (Phoenix, AZ)
Flower Pod
Basswood, Cold Bend
Hardwood Maple, acrylics
(5" h, 6" w, 6" d)

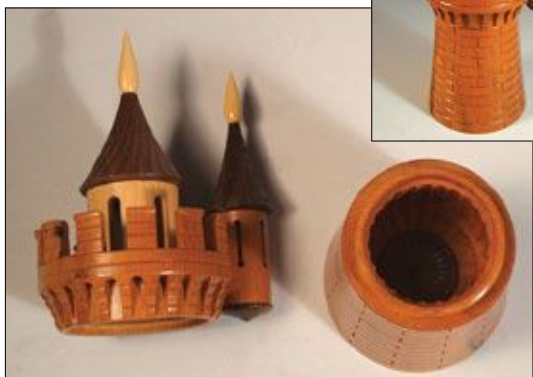


Steve Sinner & Joe Meirhaeghe
(Bettendorf, IA)
J&S222
Cherry, acrylic paints, pen & ink
(4 ³/₈" h, 3 ¹/₈" dia.)



Ronald Gerton (Richland, WA)
Tongue Tied
Box Elder burl, Sterling silver
(4 ¹/₂" h, 4" w, 4" d)

Randy Rhine (Boring, OR)
Castle Box
Yew, Walnut, Boxwood,
Maple
(3 ¹/₂" h, 4" w, 3" d)



Mike & Georgianne
Jackofsky
(Escondido, CA)
Earthwood
Maple, ink
(4 ¹/₂" h, 5" dia.)



Bill Clark
(Anacortes, WA)
Tranquility Box
Indian Rose Wood,
Bloodwood
(2 ⁵/₈" h, 2 ³/₄" dia.)



Glenn Krueg
(Newark, CA)
Brass Temple
Brass, Bloodwood,
African Blackwood,
Bamboo, Signature
Wood, Mopane, Supari,
Striped Ebony, Tama-
rind, Orange Box Elder
(6" h, 6" w, 5 ¹/₄" d)



Nairi Safaryan
(Glendale, CA)
Rose Jewelry Box
Boxwood,
gold-plated silver
(3 ³/₄" h, 3" w, 2 ¹/₄" d)



Education: NW Woodworking Studio



Matthew Kanomata's Signature Project
Shaving Mirror
Sapele, Walnut
(24" h, 22" w, 10 1/2" d)

Jeff O'Brien's Mastery Project
Reuleaux Table
Quilted Maple, Jatoba, glass
(26 1/2" h, 18" w, 18" d)



The Northwest Woodworking Studio (NWS) in Portland, OR begins its 18th year, offering its innovative *Mastery Study* programs. Under the tutelage of Master Craftsman, educator, and author **Gary Rogowski**, these unique, hands-on educational experiences offer the advantages of an apprenticeship in formats to fit the student's personal needs. They also go beyond the focus on techniques to provide a broad background in design for anyone wanting to become a studio furnituremaker.

NWS offers three *Mastery Study* programs: *Local Mastery*, *Distance Mastery*, and *Resident Mastery*. The first two programs are 2 years, with students working at their own pace. The *Resident Mastery* is a 9-month intensive program, where students work at the Studio on a daily basis. The end goal for each program is the completion of a signature gallery-quality work of their own design.

The **Local Mastery Study** program is designed for self-directed students with their own workshops in the Portland area. Students design and construct a total of 10 pieces, as well as visit the Studio for lectures, demonstrations, and critiques. Year One emphasizes hand tool skills, router use, carving, and basic construction and joinery skills, while Year Two focuses on furniture design, effective machine use & maintenance, carving, inlay, bent-wood construction, and fine cabinetry including drawer work.



Gary Rogowski teaching Mastery students.

A graduate of the *Local Mastery Study* is **Jeff O'Brien**, who has operated a successful furnituremaking business for over 10 years (www.dogwood-design.com). Looking for a mid-career change, he came with little woodworking experience. "Besides learning the many ways to join two pieces of wood together, the biggest benefit was design—the ability to create, evaluate, and build it. This was my most creative time; I had complete control over what I designed and built. Now, most of my projects are client driven, and I'm constrained by that."

Kent Saunders, a 2011 *Local Mastery* graduate, concurs: "What I didn't expect to learn was design, problem-solving, and coming up with your own creations. Gary knows a lot about what he is doing. It was a great experience."

The **Distance Mastery Study** is similar, but for motivated students who reside outside the Portland area (with participants from Alaska to Florida). Students will meet at NWS for a 4-day orientation seminar at the start, and then return to their home shops to undertake a series of exercises and projects, communicating with Gary and classmates via telephone and on-line. Every three months or so, the class reconvenes at the Portland studio for a 3-4 day seminar and critique.

David Corey's Signature Project
Three Drawer Chest
 Walnut, Mahogany, Yellowheart, White Oak, marble
 (31" h, 39" w, 18" d)



David Corey of Utah was a 2005 graduate of the *Distance Mastery Study*. "Before coming to NWS, I made Mission-style pieces from plans. I did not have the design skills to create original pieces, nor the training in methods of work for crafting details. After two years in the program, I can say that I understand the interaction between the wood and the tools, which is required to be safe and make great pieces. But besides mechanics, the real takeaway for me was my evolution as a designer. Gary opened my eyes to historical design periods. Bringing your piece to class and going through the critique process, certainly accelerates your growth and development as a furnituremaker."

Matthew Kanomata of Northern California just graduated last year and has started his full time furniture business. "It taught me to notice the small details, and that it is part of being human to make mistakes then figure out how to fix them. I am learning what Gary meant in saying 'Woodworking is a great way to live, but a hard way to make a living.'"

The **Resident Mastery Program** is a more intense, 9-month course, working on-site at NWS. Limited to four, students undertake both Design Projects and Bench Projects, chosen to teach certain methods, techniques, and approaches in learning effective hand tool techniques, machine use and maintenance, production methods, and shop setup. . . all the while developing a signature style of their own.

Kate Fox completed the *Resident Mastery* program in 2015, after a 6-year Army career. With the assistance of the Department of Veterans Affairs Vocational Rehabilitation Program, Kate has used the NWS experience as the basis of creating her contemporary furniture business, Shrewd Woodworks (www.woodshrew.com), and a local timber reclamation and milling operation. She is also developing new classes to teach at the school.

According to Gary, "We have changed many lives. The Studio is a place to become who you are. We teach more than woodworking. We are a school of thought; a brand of philosophy that says no to the quickly done, the badly made, and the throw away mentality of our world today."

Fall classes begin in October, with an application deadline of Sept.

15. Tuition scholarships are available, made possible by the Pacific Northwest Tool Collectors and Dumond's Custom Furniture in Corvallis, MT. For info on the Northwest Woodworking Studio, visit the website: www.northwestwoodworking.com or call: (503) 284-1644.



Kent Saunders' Signature Project
Quarter Round Cabinet
 Oregon Walnut, Makore, Ebony,
 Sycamore, Alaska Yellow Cedar
 (40" h, 30" w, 18" d)

Kate Fox's Signature Project
Walnut Media Center
 Walnut, ebonized Oak, Bloodwood, copper
 (24" h, 67" w, 18" d)

WORKSHOPS • DEMOS • CLASSES

ALASKA

FOLK SCHOOL FAIRBANKS

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

Mon., Wed., Fri. Principles of Woodworking
Tues., Weds. Carpentry Basics
Aug. 28 Log Construction Workshop—4 weeks

ARIZONA

DAVID FLEMING

Scottsdale, AZ (602) 308-9188

July 8-9 Hand Cut Dovetails
July 21-23 Mortise & Tenon
Aug. 5-6 Frame & Panel
Aug. 19-20 Veneer, Sawn & Sliced
Sept. 2-3 Finishing with Shellac
Sept. 16-17 Double Bevel Marquetry
Sept. 30-Oct 1 Bending Wood

MILKWEED ARTS

1920 W. Camelback Rd., Phoenix AZ (602) 341-6580

July 8 Turn a Wooden Pen

ROBERTO-VENN SCHOOL OF LUTHIERY

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

Aug. 24-Jan. 26 Guitar Making & Repair

ROCKLER WOODWORKING & HARDWARE

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

July 1 Intro to Bowl Turning (Ed Pabst)
July 2 Intro to Pen Turning (Pabst)
July 5 Building Shutters (Dennis Gorrell)
July 7 Hand Cut Dovetails (John Eugster)
July 8 Wood Finishing: The Rockler HVLP Sprayer
July 8 Finishing Techniques (Mike Sundell)
July 9 Turning Acrylic Pens (Pabst)
July 12 Basic Millwork: Make a Cutting Board (Dave Fleming)
July 13 Tuning Up & Using Hand Planes (Fleming)
July 14 Make & Take a Knife Kit (John Gilchrist)
July 15 Hand Cut Dovetails (Eugster)
July 15 Porter Cable Restorer Sander
July 16 Make & Take a Wooden Goblet (JC Newcombe)
July 19 Make & Take a Band Saw Box (Frank Brady)
July 21 Intro to the Full Spectrum Laser Demo (Ron Dorsey)
July 22 Fun with Woodturning: Excelsior Lathe
July 22 Intro to Turning (Pabst)
July 23 Turning a Plate (Pabst)
July 26 Machine Made Dovetail Joints (Brady)
July 27 Band Saw Basics (Fleming)
July 29 Intro to the Router (Brady)
July 29 Router Table Techniques
July 30 Make & Take a Lidded Box on the Lathe (Pabst)
Aug. 2 Sharpening Techniques (Fleming)
Aug. 4 Scroll Saw Basics (Gilchrist)
Aug. 5 Intro to Bowl Turning (Pabst)
Aug. 5 State Park Sign Making
Aug. 6 Turning a Plate (Pabst)
Aug. 9 Basic Millwork: Make a Cutting Board (Fleming)
Aug. 11 Laser Operational Techniques (Dorsey)
Aug. 12 Hand Cut Dovetails (Eugster)
Aug. 12 Box Making: Rockler Miter Fold Set
Aug. 13 Intro to Pen Turning (Pabst)
Aug. 15 CNC Shark Basics (Garey Borer)
Aug. 17 Tuning Up & Using Hand Planes (Fleming)
Aug. 18 Make & Take a Knife Kit (Gilchrist)
Aug. 19 Machine Made Dovetail Joints (Brady)
Aug. 19 Box Joint Jig & Dovetail Jig
Aug. 20 Make & Take a Wooden Goblet (Newcombe)
Aug. 22 CNC Axiom Basics (Ron Webster)
Aug. 24 Band Saw Basics (Fleming)
Aug. 25 Turning a Segmented Bowl (Dorsey)
Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers
Aug. 26 Finishing Techniques (Mike Sundell)
Aug. 27 Intro to Turning (Pabst)
Aug. 29 Building Shutters (Gorrell)
Aug. 31 Make & Take a Band Saw Box (Brady)

SOUTHWEST CENTER FOR CRAFTSMANSHIP

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

July 1 Sketch-Up Advanced (Jesper Oster)

WWW.EASYDOVETAILS.COM

July 14-18 Joinery Basics (Gary McCaslin)
July 31-Aug. 11 Build a Classic Workbench (McCaslin)
Aug. 21 Fundamentals of Traditional Woodworking Inclusive—36 sessions
Aug. 21 Fundamentals I—8 sessions (Fleming)
Aug. 25-29 Advanced Joinery (McCaslin)
Aug. 30-Sept. 3 Women in Woodworking
Sept. 9-10 Repairing Your Finish (Licurgo)
Sept. 11 Fundamentals of Traditional Woodworking II (Rivard/Forsha)
Sept. 16-17 Inlay Introduction (Ramirez)

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 Magwitch Product
July 2 Intro to Gourd Finishing (Lynne East-Itkin)
July 6 Finishing Basics (Mark Frost)
July 7 Sharpening Clinic (Bridger Berdel)
July 10, 24 "Kids Korner" Beginning Carving (Vernon Farr)
July 11 Wood or Acrylic Pen Turning (Michael Phillips)
July 12 Beginning Intarsia (Dan Eklund)
July 12 Hand Plane Tune-Up (Berdel)
July 15 Beginning Carving (Farr)
July 16 Scroll Saw 1 & 2 (Stan Ries)
July 19 Sharpening Clinic (Berdel)
July 20 Open Shop / Beginning Woodworking (Frost)
July 22 Scroll Saw Puzzle Project (Sharon Irene)
July 29 Intro to the Lathe: Spindle Turning (Chris Vemich)
July 29 Workshop
Aug. 1 Wood or Acrylic Pen Turning (Phillips)
Aug. 3 Making Box Joints (Frost)
Aug. 4 Sharpening Clinic (Berdel)
Aug. 5 Kreg Pocket Hole Joinery
Aug. 6 Intro to Woodburning
Aug. 9 Beginning Intarsia (Eklund)
Aug. 9 Hand Plane Tune-Up (Berdel)
Aug. 13 Scroll Saw Photo Puzzle Project (Irene)
Aug. 16 Sharpening Clinic (Berdel)
Aug. 17 Open Shop / Beginning Woodworking (Frost)
Aug. 19 Beginning Carving (Farr)
Aug. 20 Scroll Saw 1 & 2 (Ries)
Aug. 24 Lathe Tool Sharpening (Vemich)
Aug. 26 Turn a Pepper Mill (Phillips)
Aug. 26 Microdial Tapering Jig

WOODWORKERS' SOURCE

645 W. Elliot Rd., Tempe, AZ (480) 355-5090

17641 N. Black Canyon Hwy., Phoenix, AZ (602) 504-1931

3441 S. Palo Verde, Tucson, AZ (520) 745-8301

July 7 Woodworking with Veneer (Tempe)
July 14 Woodworking with Veneer (Phoenix)
July 21 Woodworking with Veneer (Tucson)

ARKANSAS

ARKANSAS ART CENTER

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

July 28, 30 Advanced Pen Making (John Chapman)
July 29 Beginning Pen Making (Chapman)

ARKANSAS CRAFT SCHOOL

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

Call for Classes

EUREKA SPRINGS ART SCHOOL

Eureka Springs, AR (479) 253-5384

July 3-7 Japanese Shoji Lamp Making (Sam Davis)
July 17-21 It's in the Details: Taking Your Work to the Next Level (Judy Dittmer)
July 24-28 Pocket Boxes (Stowe)
July 31-Aug. 4 Intro to Furniture Design (Palmer)
Aug. 7-11 Relief Woodcarving & Watercolor Painting (John Engler)
Aug. 21-25 Let's Get Carving! (Gregg Thompson)

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 15-16 Forging & Toolmaking

WORKSHOPS • DEMOS • CLASSES

CALIFORNIA COLLEGE OF ARTS

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

- July 10-Aug. 4 Making Architecture (Clayton Muhleman)
 July 10-28 Furniture as a Site of Interactivity (Matthew Hebert)
 July 31-Aug. 18 Wood/Furniture Techniques: Soft (Mary Little, Peter Wheeler)

CRUCIBLE

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

- July 8, 29 Woodturning I—2 sessions
 July 10, 17 Youth Woodworking—5 sessions
 July 11 Woodworking I—10 sessions
 July 15-16 Fundamentals of Woodworking—(2 sessions)
 July 17-24 Youth Woodcarving & Sculpting—5 sessions
 July 22-23 Spoon Carving by Hand
 July 24, 31 Youth Woodturning—5 sessions
 Aug. 5-6 Woodturning II
 Aug. 21, 28 Woodworking I—5 sessions

DAVID J. MARKS WOODWORKING

Santa Rosa, CA (707) 526-2763

- July 7-9 Gilding & Chemical Patination (David Marks)
 Aug. 4-6 Marquetry & Inlay (Marks)

DEBEY ZITO FINE FURNITURE

3500 Thorn Rd., Sebastopol, CA (707) 861-9126

Call for Woodworking Classes for Women

ESSICK WOODWORKING SCHOOL

Grass Valley, CA (530) 264-6062

- July 10-14 Woodworking Projects

HANDCRAFT STUDIO SCHOOL

10368 San Pablo Ave., El Cerrito, CA (510) 332-6101

- July 2 Wooden Spoon Carving (Wendy Chien)

JERRY KERMODE WOODTURNING SCHOOL

Sebastopol, CA (707) 824-9893

- July 8, 22 Beginning Woodturning—2 sessions (Jerry Kermode)

LAYERS OF COLOR

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

- Sept. 16-17 Intro to Cabinet Finishes

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 11 Woodturning: Log to Lathe (John Cobb)
 July 12 Woodworking: Projects for Home & Yard—5 sessions (Gordon Fry)
 July 12 Wood Carving: Water Fowl & Wildlife—6 sessions (Robert Budesilich)
 July 12 Wood Carving: Beginning to Advanced—6 sessions (Budesilich)
 July 14 Woodworking: Open Shop—6 weeks (Ron Kersey/Wayne Stolte)
 July 14 Woodturning: Projects Open Shop—6 sessions (Rodgers/Bob Nolan)
 July 17-20 Woodworking: Marquetry (Brian Condran/Jeff Traeger)
 July 17 Woodturning: Basic Bowl Turning (Jerry Jakubowski)
 July 18 Woodturning: Elegant Pepper Mills—3 sessions (Matt Graham)
 July 20 Woodturning: Cast & Turn a Lidded Box—2 sessions (Joel Albert)
 July 25 Woodturning: Intro to Segmented Turning—4 sessions (Rodgers)
 July 25 Woodturning: Finding & Turning Burl—4 sessions (Nolan)
 Aug. 2 Woodturning: Turn & Burn; Shou Sugi Ban Style (Cobb)

ROCKLER WOODWORKING & HARDWARE

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

- July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 12 Turn Your First Pen (Thomas Herrera)
 July 15 Porter Cable Restorer Sander
 July 19 Turn a Cheese Knife Handle (Michele Freeze)
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING & HARDWARE

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

- July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

SCHOOL OF CLASSICAL WOODCARVING

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

Call for Woodcarving Workshops

SOLAR LIVING INSTITUTE

Hopland, CA (800) 762-7325

- Sept. 9-10 Build a Straw Bale House

WOODCRAFT — Sacramento

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

- July 8 Intro to Turning Wood: Bowl & Mallet (Jeremy Nuttall)
 July 8 Jack's Turning Workshop (Jack Stellman)
 July 13 Turn a European Style Pen (Stellman)
 July 15 Intro to CNC Carving (Bob Prichard)
 July 16 Intro to Woodworking: Laminated Cutting Board (Ray Woodbeck)
 July 20 Resin Wall Street Pen—2 sessions (Tyler Hickox)
 July 22 Router Table Techniques (Nuttall)
 July 23 Face Carving (Jim Hanson)
 July 29 Inlay Techniques (Adam Panto)
 July 30 Birdhouses & Nesting Boxes for Native Birds (Panto)
 Aug. 3 Intro to Power Carving (Panto)
 Aug. 5 Scroll Saw Techniques (Panto)
 Aug. 6 Woodburning (Woodbeck)
 Aug. 10 Turn a Candlestick (Mike Dunajski)
 Aug. 12 How to Use Planers & Jointers (Nuttall)
 Aug. 12 Get the Most Out of Your Tablesaw (Nuttall)
 Aug. 13 Intro to Pen Turning: The American Slim (Stellman)
 Aug. 19 Cabinetry 1: Carcass & Face Frame (Nuttall)
 Aug. 20 Carving a Bottle Stopper (Hanson)
 Aug. 24 Turn an Acrylic Wall Street Pen (Stellman)
 Aug. 26-27 An American Classic: The Adirondack Chair (Dunajski)

WOODCRAFT — SF Bay Area

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

- July 1 Customized One-on-One Instruction
 July 10 Intro to Pyrography (Tom Smith)
 July 11 Shop Safety, Hands On (Smith)
 July 17-18 Intro to Spoon Carving (Smith)
 Aug. 1 Customized One-on-One Instruction
 Aug. 5 Intro to Turning, Sharpening & Safety (George Chisholm)
 Aug. 8 Shop Safety, Hands-On (Smith)
 Aug. 12-13 Turning 101 (Chisholm)
 Aug. 14 Intro to Pyrography (Smith)
 Aug. 23 Shop Safety: Hands On (Claude Godcharles)
 Aug. 26 Intro to Woodworking (Godcharles)
 Aug. 28-29 Intro to Spoon Carving (Smith)

SOUTHERN CALIFORNIA

ALLIED WOODSHOP

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

- Aug. 26-27 Intro to Woodworking II: Build a Wooden Box
 Sept. 6 Intro to Furnituremaking—10 sessions (R.H. Lee & Laura Zahn)
 Sept. 30 Danish Cord Weaving (David Johnson)

AMERICAN SCHOOL OF FRENCH MARQUETRY

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

- Sept. 24-29 Marquetry Workshop (Patrick Edwards)

BEATRICE WOOD CENTER FOR THE ARTS

8560 Ojai-Santa Paula Rd., Ojai, CA (805) 646-3381

- July 1-2 Embellishment & Inspiration: A Wood Workshop (Sharon Doughtie)

CERRITOS COLLEGE

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

- Aug. 19 Segmented Woodturning—15 sessions (Jim Driscoll & Steven Romo)
 Aug. 20 Fundamentals of Wood & Bowl Turning—14 sessions (Jerry Knight)

COMMUNITY WOODSHOP LA

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

- July 9, 22 Intro to Woodturning
 July 17 Bench/Coffee Table—6 sessions
 July 23 Wooden Utensils: Sculpting & Shaping Techniques—3 sessions
 July 23 Frames: Rectangular—2 sessions
 July 23 Woodturning: Bud Vases
 July 29 Cutting Boards—2 sessions
 July 29 Intermediate Turning: Wooden Bowls
 Aug. 7 Chair—6 sessions

JORY BRIGHAM WORKSHOP

Paso Robles, CA (805) 858-9699

- July 28-30 Woodworking Weekend: Stool
 Aug. 25-27 Woodworking Weekend: Stool
 Sept. 15, 22 Woodworking Weekend: End Table

WWW.FASTDOVETAILS.COM

WORKSHOPS • DEMOS • CLASSES

MOHAWK FINISHING PRODUCTS

Fullerton, CA (800) 545-0047

Aug. 8-9 Wood Touch-Up & Repair

OTIS COLLEGE OF ART & DESIGN

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

Call for Fall Community Class

ROCKLER WOODWORKING — Ontario

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

July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 8 Wood Turning: Spindle Turning
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING — Orange

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

July 1, 8 Safety Class (Mike Ward)
 July 1 Make & Take Knife Making (Mike Hart)
 July 2 Intro to Pen Turning (Brian Casteel)
 July 8 Router Table Basics (Ward)
 July 8 Table Saw: Rockler Table Saw Jigs
 July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 9 Intro to Bowl Turning (Hart)
 July 15 Prepping Your Project: Refinishing with Soy Based Stripper
 July 15 Porter Cable Restorer Sander
 July 22 Intro to Bandsaws (Casteel)
 July 22 Fun with Woodturning: Excelsior Lathe
 July 22 CNC Axiom AutoRoute 6
 July 29 Hand Held Router Basics (Ward)
 July 29 Router Table Techniques
 July 29 Nova DVR Drill Press
 July 30 Manhattan Pen Make & Take (Ward & Casteel)
 Aug. 5, 12 Safety Class (Ward)
 Aug. 5 Table Saw Basics (Ward)
 Aug. 5 State Park Sign Making
 Aug. 5 CNC Axiom AutoRoute 6
 Aug. 6 Intermediate Pen Turning (Casteel)
 Aug. 12 Dovetails Using a Jig
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 12 Laguna 1412 & 14BX Bandsaw
 Aug. 13 Make & Take Knife Making (Hart)
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 19 Rockler Table Saw Jigs
 Aug. 20 Intro to Bandsaws (Casteel)
 Aug. 26 Wood Finishing: Spray Shelters & HVLP Sprayers
 Aug. 26 General Finishes Stains & Top Coats
 Aug. 27 Intro to Bowl Turning (Hart)

ROCKLER WOODWORKING — Pasadena

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

July 5 Cutting Repeatable Thin Stock
 July 8 Applying Hand Finishes
 July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 9 Drawer Slide Installation
 July 15 Salt & Pepper Kits (Jerry Jakubowski)
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING — San Diego

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

July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING — Torrance

20028 Hawthorne Blvd., Torrance, CA (310) 542-1466

July 1 Beginning Pen Turning (Steve Abshear)
 July 8 Hand Planes & Scrapers (Lou Barcelo)
 July 8 Wood Finishing: The Rockler HVLP Sprayer

July 15 Sharpening (Roger Davis)
 July 15 Porter Cable Restorer Sander
 July 22 Intermediate Pen Turning (Abshear)
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Advanced Pen Turning (Abshear)
 July 29 Router Table Techniques
 Aug. 5 Milk Paint, Chalk Paint & Distressing (Victoria Santos)
 Aug. 5 State Park Sign Making
 Aug. 12 Beginning Carving (Larry Bates)
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Spray Finishing (Davis)
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

RUSS FILBECK CHAIRMAKER

San Diego, CA (858) 566-9699

July 17-21 Chair Making: 2-Slat Ladder Back (Russ Filbeck)
 Aug. 14-18 Chair Making: 2-Slat Ladder Back (Filbeck)

SAN DIEGO FINE WOODWORKERS

San Diego, CA (858) 484-4366

Sept. 15-17 Fall Seminar with Andy Rae

SLO MAKERSPACE

81 Higuera St., San Luis Obispo, CA

July 1, 15, 29 Woodturning: Spindle
 July 2, 16 Woodturning: Bowl Turning I
 July 8, 22 Woodturning: Basic Safety
 July 9, 30 Woodturning: Bowl Turning II
 July 23 Woodturning: Advanced
 Aug. 5, 19 Woodturning: Spindle
 Aug. 5, 19 Woodturning: Basic Safety
 Aug. 6, 20 Woodturning: Bowl Turning I
 Aug. 13 Woodturning: Bowl Turning II
 Aug. 27 Woodturning: Advanced

WILLIAM NG SCHOOL OF WOODWORKING

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

July 6-9 Sculpted Table (David A. Wade)

WOODCRAFT — Orange County

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

July 1 Basic Lathe Turning Techniques (Steve Carbajal)
 July 8 Bandsaw 101 (Fred Wilcott)
 July 8 Sharpening Chisel/Plane Iron (Bill Blackburn)
 July 9 Table Saw Basics (Jim McWilliam)
 July 15 Cabinet Making Basics (Larry Margules)
 July 22 Lathe Turned Bowls (Harry Williams)
 July 23 Basic Veneering (Mike Henderson)
 July 29 Segmented Bowl Turning—2 sessions (Jim Driskell)
 Aug. 5 Basic Lathe Turning Techniques (Carbajal)
 Aug. 6 Scroll Saw Basics (Chuck Collins)
 Aug. 19 Intro to Hand-Cut Dovetails (Henderson)
 Aug. 20 Lathe Turned Bowls (Williams)
 Aug. 24 Pen Turning (Carbajal)
 Aug. 26 Basic Router Techniques (Ron Higgins)
 Aug. 27 Table Saw Basics (McWilliam)
 Aug. 31 Sharpening Chisel/Plane Iron (Blackburn)

WOODCRAFT — Ventura

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

July 1 Refinishing Fundamentals (Fred Cockrell)
 July 6 Pen & Pencil Turning: Slim Style (Gerry Wilson)
 July 8 Hollow Form Turning (Chad Ishikawa)
 July 13 Box Joinery Techniques: Dovetail (Ishikawa)
 July 15 Beginning Butterfly Lid Box (Mike Horwitz)
 July 20 Sharpening Carving Tools (Al Plasch)
 July 22 Band Saw Basics (Wilson)
 July 27 Tablesaw Basics (Mark Chandler)
 July 29 Small Bowl Turning (Ishikawa)
 Aug. 3 Wood Burning 101 (Rich Smith)
 Aug. 5-6 Feather Box Making (Horwitz)
 Aug. 10 Small Bowl Turning (Ishikawa)
 Aug. 12-13 One-Drawer Jewelry Box with Hinged Lift Top (David Blackburn)
 Aug. 17 Carving a Whimsical Bark House—3 sessions (Plasch)
 Aug. 19 Basics of Cabinet Making (Larry Margules)
 Aug. 26 Advanced Wood Finishing (Cockrell)

COLORADO

ANDERSON RANCH ARTS CENTER

Snowmass Village, CO (970) 923-3181

July 3-14 An Exploration of Seating (Thomas Hucker)
 July 3-7 Awkward Geometry (Sarah Marriage)
 July 10-14 Veneer Workshop (Miguel Gómez-Ibáñez)

WORKSHOPS • DEMOS • CLASSES

July 10-11 Black Mountain College: Then & Now (Helen Molesworth)
 July 17-21 Ideation (Wendy Maruyama & Christine Lee)
 July 17-21 Designing for Production (George Dubinsky & David Short)
 July 24-Aug. 4 Discovering Space Inside & Out (Michael Fortune)
 July 24-28 Discovering the CNC (Peter Basil)
 Aug. 7-11 Light Paper (Helen Hiebert)
 Aug. 14-18 Pattern Routing: a Technique to Produce Multiples (Michael Puryear)
 Aug. 21-25 Bend It, Twist It, or Weave It: Organic Forms (Yuri Kobayashi)
 Aug. 28-Sept. 1 Modern Campaign Furniture (Yoav S. Liberman)
 Sept. 11-29 The Windsor Chair (Elia Bizzarri)

BEMIS SCHOOL OF ART

818 Pelham Pl., Colorado Springs, CO (719) 475-2444

Aug. 5 Sharpening Woodturning Tools
 Aug. 12 Woodturning Open Studio

COLORADO SCHOOL OF LUTHERIE

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

Aug. 9 Steel String Building: Fundamental—18 sessions (Victor Dick)
 Aug. 9 Steel String Building: Intermediate/Advanced—20 sessions (Dick)
 Aug. 16 String Instrument Repair Fundamentals (Dick)
 Sept. 30 String Instrument Set-Up 101 (Dick)

O'BRIEN GUITARS

Parker, CO (720) 352-8647

Sept. 5-11 Steel String Guitar Building
 Sept. 18-24 Classical Guitar Building

RED ROCKS COMMUNITY COLLEGE

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

July 21-23 Wooden Hand Plane Making (Jodi Gillespie)
 Aug. 20 Intro to Woodworking—16 sessions (Gillespie)

ROCKLER WOODWORKING & HARDWARE

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

July 8-9 Woodworking 101: Table (Tracy Gray)
 July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Porter Cable Restorer Sander
 July 16 Keepsake Dovetail Box (Dan Briechle)
 July 22 Lathe Basics (Bruce Perry)
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Workshop (Briechle)
 July 29 Router Table Techniques
 Aug. 5-6 Traditional Joinery: Table (Briechle)
 Aug. 5 State Park Sign Making
 Aug. 12 Intro to Turning (Perry)
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 13 Turned Lidded Boxes (Perry)
 Aug. 19-20 Woodworking 101: Bookshelf (Gray)
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers
 Aug. 27 Finishing—Hands On (Rich Johnson)

ROCKY MOUNTAIN SCHOOL OF WOODTURNING

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

Call for Classes

ROCKY MOUNTAIN SCHOOL OF WORKSHOPS

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

Aug. 20-26 Mastering the Basics of Square Rule Timber Framing

TRENT BOSCH WORKSHOPS

Fort Collins, CO (970) 568-3299

July 21-23 Woodturning
 Sept. 12-14 Woodturning

WOODCRAFT — Colorado Springs

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

July 1 Turning Tool Basics
 July 8 The CNC Piranha (Bob Stanforth)
 July 9 Doctor's Woodshop (Mike Meredith)
 July 13 Acrylic Pen Making Basics (Ben Myers)
 July 15-16 Dovetail Box (Myers)
 July 22 Woodworking I—3 sessions (Brian Hubel)
 July 30 Wood Carving Basics: Relief Carving (Keith Jay)
 July 30 Bowl Turning
 Aug. 5 The CNC Piranha: The Second Step (Stanforth)
 Aug. 6 Wood Pen Making Basics (George Jungerman)
 Aug. 12 Segmented Pen Turning (Mark Gisi)
 Aug. 19 Turning Tool Basics
 Aug. 20 Woodworking II—3 sessions (Hubel)
 Aug. 24 Sharpening Hand Tools (Myers)

WOODCRAFT — Denver

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

July 1 Cutting Board (Jim Davy)
 July 2 Corn Hole Game Board (Michael Cunningham)

July 7-9 Build a River Table (Brendan Whitehead)
 July 8 Sharpening Chisels & Plane Irons
 July 15 Intro to Woodturning (Doug Greiner)
 July 15 Table Saw Safety
 July 16 Knife Making (Whitehead)
 July 22-23 Woodworking 101: Build a Box (Doug Manter)
 July 29 Turn a Pen (Greiner)
 July 29 Turn an Acrylic Pen (Charles Holzheimer)
 July 30 Natural Edged Bowls (Manter)
 Aug. 5 Bandsaw 101 (Holzheimer)
 Aug. 6 Turn a Bowl (Greiner)
 Aug. 9 Woodworking 101: Build a Box—4 sessions
 Aug. 12 Intro to Hollow Form Turning (Manter)
 Aug. 13 Using Your Hand Held Router (Whitehead)
 Aug. 19 Intro to Woodturning (Greiner)
 Aug. 19 Relief Carving (Charlie Milliser)
 Aug. 20 Advanced Knife Making (Whitehead)
 Aug. 24 Relief Carving—4 sessions (Milliser)
 Aug. 26-27 Bandsaw Box (Holzheimer)

WOODCRAFT — Loveland

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

July 8 Intro to the Table Saw (Bob Millikan)
 July 8 Woodworking 101—4 sessions (Terry O'Dell)
 July 9 Intro to Woodturning (Doug Schneider)
 July 15 Bowl Turning Simplified (Schneider)
 July 20 Finishing from A to Z (Dave Dowding)
 July 22 Router Basics (Millikan)
 July 29 Hollow Form Turning Made Easy! (Schneider)
 July 31 Hand Carving Fundamentals (Angela Callow)
 Aug. 5 Raised Panel Doors (Millikan)
 Aug. 7 Basic Carving—6 sessions (Callow)
 Aug. 19 Sharpening Lathe Turning Tools (Schneider)
 Aug. 26 Dovetails with a Leigh Jig (Millikan)
 Aug. 27 Intro to Turning Wooden Pens (Schneider)

HAWAII

HANA LIMA'IA

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

July 3-14 Ukulele Making
 July 24 Ukulele Making—10 sessions

HONOLULU MUSEUM OF ART

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

July 2-16 Intro to Modern Bamboo Joinery (Barret Werk)
 July 8 Beginning Woodturning (Andy Cole)
 July 22-23 Traditional & Natural Edge Woodturning (Cole)
 Aug. 5 Beginning Woodturning (Cole)
 Aug. 6-20 Intro to Modern Bamboo Joinery (Werk)

IDAHO

WOODCRAFT

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

Tues. Weekly Wood Carving (Lennie Williams)
 July 1 Woodworking 101: Box Making (Brian Bass)
 July 1 Kreg Pocket Hol
 July 5 Toni Twist Pen Class (Steve Merrill)
 July 12 Base Cabinet Construction—2 sessions (Aaron Cornell)
 July 12 Beginning Carving (Eric Owens)
 July 15 Bowl Turning (Steve Young)
 July 19 Lathe Tool Sharpening (Young)
 July 19 Router 101 (Bob Rudkin)
 July 20 Classic Bent Wood Fishing Net—2 sessions (Gary Edwards)
 July 22 Making a Camp Axe (Jordan Tatom)
 July 22 Turning a Goblet
 July 26 Tablesaw Techniques & Safety (Rudkin)
 July 27 Porter Cable Dovetails (Cornell)
 July 29 Router Inlay
 Aug. 1 Intro to Basic Finishing (Jeff Watson)
 Aug. 2 Bandsaw Tune-Up (Brian Stockham)
 Aug. 2 Router 201 (Rudkin)
 Aug. 3 Intro to Hand Tools (Tim Stewart)
 Aug. 4-6 Leigh Dovetailed Jewelry Box (Cornell)
 Aug. 5 Scrollsaw
 Aug. 7 Scroll Saw 101 (Gary Mee)
 Aug. 10 Hand Tool Sharpening (Stewart)
 Aug. 12 Router Inlay (Cornell)
 Aug. 16 Lathe Tool Sharpening (Young)
 Aug. 17 Hand Tool Coaching (Stewart)
 Aug. 19 Spindle Turning (Young)

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WORKSHOPS • DEMOS • CLASSES

Aug. 19 Upper Cabinet Construction (Cornell)
 Aug. 21-22 Milk Paint, UpCycling & Creative Combinations (Mee)
 Aug. 23 Rough to Ready (Bass)
 Aug. 23 Toni Twist Pen (Merrill)
 Aug. 24 Wooden Spoon Making (Rex Hansen)
 Aug. 26 Turning a Bowl
 Aug. 30 Restore It (Watson)
 Aug. 31 Intro to Hand Tools (Stewart)

IOWA

VESTERHEIM MUSEUM

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

July 14-16 Wooden Bowl Carving: Scandinavian Styles & Techniques (Jon Ström)
 July 22-26 Acanthus/Baroque Carving (Rolf Taraldset)
 July 31-Aug. 4 Old Dragon/Animal Style Carving (Rolf Taraldset)

KANSAS

WOODCRAFT

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

July 1 Pen Turning for Beginners (Chris Teenor)
 July 12 Basic Router Techniques (Mike Cobb)
 July 15 Make Your Own Japanese Kitchen Knife (Mike Jones)
 July 16 Basic Lathe Turning (Anthony Harris)
 July 22 Basic Carving 101 (Dennis Bixby)
 July 23 Bowl Turning Boot Camp—2 sessions (Harris)
 July 25 Total Package Finishing—3 sessions (Craig Arnold)
 Aug. 2 Intermediate Router Techniques (Cobb)
 Aug. 5 Build a Bookcase (Kevin Newman)
 Aug. 6 Pen Turning for Beginners (Teenor)
 Aug. 12 Carve a Country Folk Caricature (Bixby)
 Aug. 13 Sharpening Carving Tools (Bixby)
 Aug. 13 Wood Carving 101 (Bixby)
 Aug. 20 Turn a Friction Fitted Box (Harris)
 Aug. 26 Intarsia Fleur-de-lis (David Roth)
 Aug. 27 Learn to Turn a Platter (Harris)

MISSOURI

AMERICAN WOODWORKING ACADEMY

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

July 6, 7 Master Woodworking Program—22 or 44 weeks
 Aug. 2-4 Lathe Turning
 Aug. 6-8 Fundamentals of Woodworking
 Sept. 6-8 Fundamentals of Woodworking
 Sept. 6, 7 Master Woodworking Program—22 or 44 weeks

CRAFT ALLIANCE

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

July 2 Turned Bowls—3 sessions
 July 12 Beginning Woodturning—4 sessions
 July 15 Try It: Make Your Own Wooden Pen
 Aug. 8 Lidded Boxes & Hollow Forms—4 sessions

KANSAS CITY WOODWORKERS' GUILD

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

July 1 A Basic Hand Tool Set for Power & Power Free Woodworker
 Aug. 5 Building a Shaker Step Stool
 Sept. 2 Intro to the CNC
 Sept. 14 Basic Woodworking—10 sessions
 Sept. 18 Precision Box Construction II—9 sessions

ROCKLER WOODWORKING

11977 Saint Charles Rock Rd., Ste. 113, St Louis, MO (314) 209-1116

July 1 Miter Fold Construction

WOODCRAFT

2077 Congressional Dr., St. Louis, MO (314) 993-0413

July 8 Hand Plane Tune-Up
 July 14 Festool Friday
 July 15-16 Fundamentals of Woodworking (Derek Bass)
 July 22-23 Cabinet Style End Table (Bass)
 July 29 Four-String Fretted Cigar Box Guitar (Steve Whetstone)
 July 30 Intro to Bowl Turning (Frank Petruso)
 Aug. 3 Workshop Sharpening: Plane Blades & Chisels (Bass)
 Aug. 5-6 Fundamentals of Woodworking (Bass)
 Aug. 10 Intro to Milk Paints, Glazes & Pearl Effects
 Aug. 11 Festool Friday
 Aug. 12 Intro to Finishing (Bass)
 Aug. 17 Spray Finishing (Bass)
 Aug. 19-20 Fundamentals of Woodworking (Bass)
 Aug. 19 Hand-Cut Dovetails (Bass)
 Aug. 24 Turn a Pen in Acrylic (Petruso)
 Aug. 26 Make Your Own Cigar Box Guitar (Whetstone)

NEBRASKA

WOODCRAFT

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

July 1 Joiner/Planer/Bandsaw Basics
 July 2 Intro to Woodburning
 July 6 Table Saw Basics
 July 7 Scroll Saw I: Beginning
 July 8 Router Basics
 July 9 Architectural Carving
 July 11 Box Making
 July 12 Joinery
 July 13 Finishing
 July 14 Relief Carving
 July 15 Intro to Bowl Turning
 July 16 Carving Figurines II—2 sessions
 July 17 Skew Turning
 July 18 Furniture Making—2 sessions
 July 20 Segmented Turning—2 sessions
 July 21 Chip Carving I
 July 22 Cabinet Making Series—3 sessions
 July 22 Sharpening
 July 23 Window Method Marquetry
 July 25 Wine Bottle Stoppers
 July 31 Pen Turning I: Beginning
 Aug. 3 Hand Planes
 Aug. 6 Intro to Spindle Turning—2 sessions
 Aug. 8 Veneering
 Aug. 10 Table Saw Basics
 Aug. 11 Chip Carving II
 Aug. 12 Finishing
 Aug. 15 Intro to Bowl Turning—2 sessions
 Aug. 16 Joiner/Planer/Bandsaw Basics
 Aug. 17 Router Basics
 Aug. 18 Intro to Woodburning
 Aug. 20 Table Saw Basics
 Aug. 21 Pen Turning II: Intermediate
 Aug. 22 Drawer Construction
 Aug. 23 Hand Planes
 Aug. 24 Carving Figurines I
 Aug. 25 Pen Turning I: Beginning
 Aug. 27 Turning Boxes—2 sessions
 Aug. 28 Chip Carving I
 Aug. 30 Window Method Marquetry
 Aug. 31 Scroll Saw I: Beginning

NEVADA

AWFS FAIR COLLEGE OF KNOWLEDGE

Las Vegas, NV (800) 946-2937

July 18-22 58 Woodworking Seminars (Complete list at: awfsfair.org)

COLLEGE OF SOUTHERN NEVADA

4125 Mardon Ave., Las Vegas, NV (702) 651-4059

July 18 Basic Woodworking—6 sessions (Jaime Yocono)

THE WOODWORKING SOURCE

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

July 6 Woodturning I: Intro to Woodturning
 July 7 Woodturning IV: Intermediate Bowls

UNIVERSITY OF NEVADA

Las Vegas, NV (702) 895-3394

July 17 Woodworking I—6 sessions (Jamie Yocono)
 July 26 Woodworking: Hand Tool Fundamentals (Yocono)

WOOD IT IS!

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

July 17, 18 Basic Woodworking—6 sessions (Yocono)
 July 20 Making a Bench—6 sessions (Yocono)
 July 26 Hand Tool Fundamental—6 sessions (Yocono)
 Sept. 11 Basic Woodworking—6 sessions (Yocono)

WOODTURNING WITH JIMMY CLEWES

Las Vegas, NV (702) 387-2033

Sept. 15-17 Woodturning—3 sessions

NEW MEXICO

NORTHERN NEW MEXICO COLLEGE

El Rito, NM (575) 581-4117

Aug. 19-23 Spanish Colonial Woodworking
 Aug. 29 Basic Spanish Colonial Furniture—16 weeks

WORKSHOPS • DEMOS • CLASSES

SANTA FE COMMUNITY COLLEGE

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

July 3-14 Woodturning
July 17-28 Build a Workbench

OKLAHOMA

MOORE NORMAN TECHNOLOGY CENTER

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

Call for Classes

WOODCRAFT—Oklahoma City

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

July 8 Turning 101 (Larry Davison)
July 9 Basic Chip Carving (Steve Brandt)
July 12 Build a Raised Panel Door (Aaron Knavel)
July 19 Hand Cut Dovetails (Jim Mercer)
July 22 Beginning Woodworking (Knavel)
July 29 Box Joint / Wooden Hinge Box (Knavel)
Aug. 5 Turning 101 (Davison)
Aug. 9 Build a Raised Panel Door (Knavel)
Aug. 12 Pen Turning (Knavel)
Aug. 19 Beginning Woodworking (Knavel)
Aug. 23 Mortise and Tenon by Hand (Mercer)

WOODCRAFT—Tulsa

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

July 1 Learn to Turn: Brand New to Turning (Dianne Whalen)
July 6 CNC Workshop (Todd Phillips)
July 8 Basic Bowl Turning (Whalen)
July 11 Hand Planes: Tuning & Use (Michael Thomas)
July 13 Native American-Style Flute Making (Whalen)
July 18 Wood Burning (Whalen)
July 20 Pen Turning (Whalen)
July 22 Building a Cigar Box Guitar (Phillips)
July 25 Carving a Cypress Knee (Thomas McClure)
July 27 Sharpening Your Lathe Tools (Larry Exendine)
July 29 Marquetry (Bill Shirley)
Aug. 1 Spoon Carving (McClure)
Aug. 3 CNC Workshop (Phillips)
Aug. 5, 22 Learn to Turn: Brand New to Turning (Whalen)
Aug. 8 Damascus Knife Making for the Kitchen (Thomas)
Aug. 10 Basic Bowl Turning (Whalen)
Aug. 12, 24 Pen Turning (Whalen)
Aug. 15 Carving a Wood Spirit Artists Pencil (Dickie Parnell)
Aug. 17 Turning a Duck Call (McClure)
Aug. 19 Building a 24" Limbert Table—2 sessions (Shirley)
Aug. 29 Dovetailing with the PC Jig (McClure)
Aug. 31 Sharpening Your Lathe Tools (Exendine)

OREGON

ADX

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

July 9, 31 Intro to Wood Shop
July 24 Tablesaw Basics
Aug. 21 Intro to Wood Shop

AMERICAN SCHOOL OF LUTHERIE

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

July 30-Aug. 5 Hands-On Classical Guitar Making: Electric (Charles Fox)
Aug. 13-19 Set-Up, Maintenance & Basic Repair
Sept. 3-9 Guitar Repair (Fox)
Sept. 17-30 Hands-On Classical Guitar Making: Acoustic (Fox)

ECONEST

Ashland, OR (541) 488-9508

July 3-21 EcoNest Construction Intensive
July 3-7 Timber Framing
Sept. 4-9 Timber Framing
Sept. 4-8 EcoNest Construction Intensive

GUILD OF OREGON WOODWORKERS

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

Aug. 25 Woodworking at the Next Level (Jeff Zens & Dennis Rodrigues)
Sept. 9 Hand Plane (Jeff Zens)
Sept. 23 Carcase Construction: Finger-Joint Box with Lid (Rodrigues)

MULTNOMAH ARTS CENTER

7688 SW. Capitol Hwy., Portland, OR (503) 823-2787

July 8 Woodturning—2 sessions (Jerry Harris)
Aug. 12 Woodturning (Harris)

NORTHWEST WOODWORKING STUDIO

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

July 10-14 Masterworks: Joinery Concentration (Gary Rogowski)

July 24-28 Building a Chippendale Chair (Jeff Miller)
Aug. 21-25 Masterworks: The Rogowski Stool (Rogowski)

OREGON COLLEGE OF ART & CRAFT

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

July 14-16 Dovetail Step Stool (Sterling Collins)
July 26 Mirror, Mirror...—6 sessions (Collins)
July 28-30 Traditional Japanese Toolbox (Collins)
Aug. 11-13 Build a Wooden Hand Plane (Collins)

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 8 Wood Finishing: The Rockler HVLP Sprayer
July 9 Beginning Turning (Dave Gray)
July 15 Porter Cable Restorer Sander
July 16 Pen Turning (Jim Green)
July 22 Fun with Woodturning: Excelsior Lathe
July 23 Turning a Square Edge Bowl (Gray)
July 29 Router Table Techniques
July 30 Intermediate Relief Carving (Green)
Aug. 5 Half Blind Dovetails
Aug. 5 State Park Sign Making
Aug. 6 Beginning Routing (Don Schaefer)
Aug. 12, 26 Through Dovetails Using Rockler Dovetail Jig
Aug. 12 Box Making: Rockler Miter Fold Set
Aug. 13 Using a Nova Chuck (Green)
Aug. 19 Half Blind Dovetails Using Rockler Dovetail Jig
Aug. 19 Box Joint Jig & Dovetail Jig
Aug. 20 Lathe Tools & Their Uses (Gray)
Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers
Aug. 27 Sharpening (Green)

SITKA CENTER FOR ART

Otis, OR (541) 994-5485

July 17-19 Carving a Totem Pole Face (Jay Haavik)
July 21-23 Carving & the World of Hardwoods (Monica Setziol-Phillips)
Sept. 22-24 Carving & Painting the Sanderling (Jim Burcio)

WOODCRAFT—Eugene

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

Table Saw Intensive
July 8 Sharpening Basics & Beyond
July 8 Lathe Intensive (Carl Jacobson)
July 15 Carving Basics & Beyond (Mike Ronczyk)
July 22 The Heirloom Bandsaw Box (Mike Luke)
July 29 Advanced Wood Burning: Celtic Knot (Robert Fleck)
Aug. 5 Kreg Jig Projects
Aug. 5 Table Saw Intensive
Aug. 10 Cabinetry Intensive (Terry Ney)
Aug. 12 Wooden Bowls (Ronczyk)
Aug. 19 The Heirloom Bandsaw Box (Luke)
Aug. 26 Chip Carving Basics & Beyond (Ronczyk)

WOODCRAFT—Portland

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

July 8 Beginning Lathe Turning Fundamentals (Tim Kluge)
July 9 Bowl Turning Basics (Kluge)
July 22 Winged Bowl (Kluge)
July 29 Turning a Lidded Box (Kluge)
Aug. 12 Beginning Lathe Turning Fundamentals (Kluge)
Aug. 13 Bowl Turning Basics (Kluge)
Aug. 26 Pen Turning

WOODCRAFTERS

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

July 1 Pyrography of Cats (Shirley Malar)
July 8 Wood Turning (Skip Burke)
July 15 Small Pyrography (Mercedes McCreight)
July 22 3D & Relief Carving: Walking Sticks (Ramos & Sharon Reynosa)
July 29 Relief Carving with Pyrography Accents (Jim Tharp)
Aug. 5 Print Block Carving & Relief Carving (Debby Neely)
Aug. 12 3D Carving & Walking Sticks (Reynosa)
Aug. 19 Pyrography: Wild Cats (Malar)
Aug. 26 Small Wood Turning (Fred Kline)

TEXAS

HERITAGE SCHOOL OF WOODWORKING

Waco, TX (254) 754-9645

July 5, 29 Joinery I: Woodworking with Hand Tools
July 6-8 Joinery II: Woodworking Basics
July 11-14 Fine Keepsake Box Making

WORKSHOPS • DEMOS • CLASSES

July 22 Hand-Carved Wooden Spoons
 Aug. 12 Sharpening
 Aug. 14-19 Foundational Joinery Course
 Aug. 21-Sept. 2 Brazos Rocker
 Aug. 26 The Art of Sharpening
 Sept. 7-9 Relief Carving
 Sept. 11-23 4-Drawer Dresser
 Sept. 30 The Art of Inlay

MOHAWK FINISHING PRODUCTS

Houston, TX (800) 545-0047

Aug. 22-23 Wood Touch-Up & Repair

PIONEER FARMS

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

July 1-2 Blacksmithing
 July 9 Hand Tool Woodworking
 July 9 Planes in the Workshop
 July 15-16 Knifemaking
 July 15-16 Restoring Antique Tools
 Aug. 5-6 Blacksmithing
 Aug. 13 Hand Tool Woodworking
 Aug. 19-20 Knifemaking
 Aug. 19-20 Restoring Antique Tools

ROCKLER WOODWORKING & HARDWARE — Dallas West

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

July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 9, 12 Pen Turning
 July 15 Porter Cable Restorer Sander
 July 16, 19 Pen Turning
 July 22 Fun with Woodturning: Excelsior Lathe
 July 23, 26 Pen Turning
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING & HARDWARE — Dallas East

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

July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING & HARDWARE—Dallas North

2930 Preston Rd., Ste. 850, Frisco, TX (214) 308-6425

July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING & HARDWARE—Dallas N.E.

584 W. I-30, Ste. 403, Garland, TX (469) 329-0971

July 1 Wood Pen Turning (Daniel Dutton)
 July 8 Knife Making (Wayne Williams)
 July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Acrylic Pen Turning (Steven Williams)
 July 15 Porter Cable Restorer Sander
 July 22 Bowl Turning
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Turning Kitchen Utensils (Dutton)
 July 29 Router Table Techniques
 Aug. 5 Wood Pen Turning (Dutton)
 Aug. 5 State Park Sign Making
 Aug. 12 Knife Making (W. Williams)
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Pen Turning (S. Williams)
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Bowl Turning
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING & HARDWARE — Houston

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

July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe

July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Wood Finishing Spray Shelters & HVLP Sprayers

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

Serving Tray (Bill May)
 Pick Your Lathe Project (David Dick)
 Woodshop 101 (Sandy Sternadel)
 Candle Box (May)
 More Than a Cutting Board... Breadboard Ends! (Paul Sauder)
 Cutting & Applying Crown Molding (Kenneth Lightle)
 Turning Acrylic Pens (Chris McCarron)
 Turning a Wooden Pen (McCarron)
 Cabinet Making (Rick Chichester)
 End-Grain Cutting Board (Sternadel)
 Beginner's Lathe (Curtis Turner)
 Vegetable Holder (Sauder)
 Finish the Job, Selecting the Right Finish (Chichester)
 Router Basics (Jerry Davis)
 Table Saw Basics (Sauder)
 Band Saw Basics & Tuning (Davis)
 Loose Tenon Joinery: Domino Coffee Table (Davis)
 Workshop Fundamentals, Basic Jigs & Fixtures (May)
 CNC101 (William Haines)
 Personalized Bottle Opener (Sauder)
 Pick Your Lathe Project (Dick)
 Woodshop 101 (Sternadel)
 Get a Handle on Knife Making (Glenn Fiedler)
 Lecture Series: Shop Layout & Planning (Lightle)
 Turning a Wooden Pen (McCarron)
 Turning Acrylic Pens (McCarron)
 Southern Huntboard (Sauder)
 Woodworking Basics for Women (Sternadel)
 Scroll Saw Basics (Daniel McNeill)
 Advanced Hand Held Routers (May)
 Woodworking Unplugged (Todd Wood)
 Router Magic (Davis)
 Candle Box (May)
 Intro to Epoxy (Haines)
 Intro to Handplanes (Turner)
 Build Your Texas Star (Pete O'Rourke)
 Basic Figure Carving: Boot (Joe Gallio)
 Sharpening Your Woodshop Tools (Davis)
 Prep Your Wood: Measure Twice, Cut Once! (Chichester)
 Spray Your Finish! (Davis)

WOODCRAFT — Dallas

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

July 1-2 Basic Woodworking (Howard Hale)
 July 5-6 Router Basics (Hale)
 July 7 Woodcarving for Beginners (Paul DeMars)
 July 8 Designing & Carving Wooden Spoons (DeMars)
 July 9 Cabinet Making for Beginners (Hale)
 July 10-12 Basic Turning (DeMars & Chuck Silber)
 July 11-12 SketchUp Design for Beginners (Tim Brown)
 July 13 Square Board Fundamentals (Hale)
 July 15-16 Basic Woodworking (Martin Benchot)
 July 17-18 Build a Spline Corner Keepsake Box (Mark Seay)
 July 19-20 Raised Panel Doors (Hale)
 July 21 French Polish (Hale)
 July 22 Finishing for the Home Shop (Hale)
 July 23 Basic Pen Turning (Russell Bishop)
 July 24-25 Beginning Bowl Turning (Michael Boyle)
 July 25-26 Advanced SketchUp Design (Brown)
 July 26-27 Designer Raised Panel Jewelry Box (Seay)
 July 29 Router Basics (Hale)
 July 30 Advanced Celtic Knot Pen (Bishop)
 Aug. 5-6 Basic Woodworking (Seay)
 Aug. 7-9 Basic Turning (DeMars & Silber)
 Aug. 8-9 SketchUp Design for Beginners (Brown)
 Aug. 10 Turn a Wine Bottle Stopper (DeMars & Silber)
 Aug. 11 Lathe Tool Sharpening Made Easy (DeMars & Silber)
 Aug. 12 Basic Pen Turning (Bishop)
 Aug. 13 Build a Spline Corner Keepsake Box (Seay)
 Aug. 14 Square Board Fundamentals (Hale)
 Aug. 15-16 Hand Tool Basics & Sharpening (Hale)
 Aug. 17-18 Router Basics (Hale)

WORKSHOPS • DEMOS • CLASSES

Aug. 19-20 Basic Woodworking (Benchot)
 Aug. 21-22 Build a Wooden Hand Plane (Hale)
 Aug. 23-24 Band Saw Box (Seay)
 Aug. 25 Woodcarving for Beginners (DeMars)
 Aug. 26 Carve a Ball & Claw Foot (DeMars)
 Aug. 27 Advanced Celtic Knot Pen (Bishop)
 Aug. 28 Band Saw Basics (Hale)
 Aug. 29-30 Advanced SketchUp Design (Brown)
 Aug. 29-30 Designer Raised Panel Jewelry Box (Seay)
 Aug. 31 Router Basics—2 sessions (Hale)

WOODCRAFT — Fort Worth

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

July 7 Table Saw Basics (Steve Julian)
 July 8 Beginning Pen Turning (Chris Denson)
 July 9 Basic Box Making (Julian)
 July 13 Top Coats (Lee Sutton)
 July 15-16 Basic Cabinet Making (Julian)
 July 17 Basic Router Techniques (Julian)
 July 20 Inlay Pen with CA Finish (Denson)
 July 22 Turn a Pepper Mill (Sutton)
 July 23 Beginning Scroll Saw (Chris Bannister)
 July 29 Bowl Turning 101 (Denson)
 July 30 Making a Raised Panel Door (Julian)
 Aug. 1 Carving a Welsh Spoon—2 sessions (Sutton)
 Aug. 5-6 Basic Cabinet Making (Julian)
 Aug. 10 Tuning a Cabinet Scraper (Sutton)
 Aug. 11 Table Saw Basics (Julian)
 Aug. 12 Turn an Elegant Wooden Platter (Denson)
 Aug. 13 Making a Raised Panel Door (Julian)
 Aug. 15 Ulu Knife & Cutting Board—2 sessions (Sutton)
 Aug. 19-20 Advanced Box Making (Julian)
 Aug. 21 Basic Router Techniques (Julian)
 Aug. 26 Turning a Lidded Box (Denson)
 Aug. 27 Basic Box Making (Julian)
 Aug. 31 Beginning Wood Turning (Sutton)

WOODCRAFT — Houston North

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

July 1-2 Intro to Cabinet Making (Stan Smith)
 July 6 Natural-Edge Bowl Turning (Paul Kendall)
 July 8 Intro to Bowl Turning (Kendall)
 July 9 Intro to Woodworking Machines (Wendell Willoughby)
 July 13 Pen Turning: The European (Charlotte Price)
 July 15 De-Mystifying Wood Finishing (Michael Carlson)
 July 16 Basic Router (Phil Elmore)
 July 19-21 Making an End Table (Elmore)
 July 23 Relief Carving (Russell Miller)
 July 27 Acrylic Pen Turning (Price)
 July 30 Handcut Dove Tails (Chris Brown)
 Aug. 3 Pen Turning: The European (Price)
 Aug. 5-6 Intro to Cabinet Making (Smith)
 Aug. 10 Natural-Edge Bowl Turning (Kendall)
 Aug. 12 Intro to Bowl Turning (Kendall)
 Aug. 13 Basic Router (Elmore)
 Aug. 17 Essential Handtools: The Hand Plane (Mark Giles)
 Aug. 19 De-Mystifying Wood Finishing (Carlson)
 Aug. 20 Intro to Woodworking Machines (Willoughby)
 Aug. 23-25 Making an End Table (Elmore)
 Aug. 27 Relief Carving (Miller)
 Aug. 31 Acrylic Pen Turning (Price)

WOODCRAFT — Houston Southwest

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

July 1 Intro to Bowl Turning (Tommy Joe)
 July 2 Scroll Saw Basics (Dennis Peters)
 July 6 Fundamental Woodworking (Fred Sandoval, Jr.)
 July 8 Furniture Making 101: End Table/Night Stand (Joshua Johnson)
 July 8 Tool Sharpening 101 (Jacob Clark)
 July 9 Pyrography 101: Wood Burning (John Husband)
 July 13 Basic Pen Turning 101 (Randy Abramson)
 July 15 Intro to Wood Turning, Lathe & Tools (Joe)
 July 16 The Band Saw Box (Peters)
 July 20 Hand-Cut Dovetails (Sandoval, Jr.)
 July 20 Resin Casting for Pen Blanks (Johnson)
 July 23 Basic Chip Carving (Husband)
 July 27 Bandsaw 101 (Ken Swink)
 July 29-30 Basic Cabinet Making (Stan Smith)
 Aug. 1 Router Techniques 101 (Swink)
 Aug. 5 Intro to Bowl Turning (Joe)
 Aug. 6 The Band Saw Box (Peters)
 Aug. 6 Relief Carving (Husband)
 Aug. 10 Fundamental Woodworking (Sandoval, Jr.)
 Aug. 12 Furniture Making 101: End Table/Night Stand (Johnson)

Aug. 12 Tool Sharpening 101 (Jacob Clark)
 Aug. 13 Intro to Intarsia (Husband)
 Aug. 17 Basic Pen Turning 101 (Randy Abramson)
 Aug. 19 Intro to Wood Turning, Lathe & Tools (Joe)
 Aug. 20 Scroll Saw Basics (Peters)
 Aug. 24 Hand-Cut Dovetails (Sandoval, Jr.)
 Aug. 26-27 Basic Cabinet Making (Smith)
 Aug. 31 Knife Making 101 (Swink)

WOODCRAFT — San Antonio

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

Call for Classes

UTAH

CRAFT SUPPLIES USA

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

July 5-7 Woodturning 101 (Scott Cherry)
 July 17-21 Intermediate Woodturning (Kirk DeHeer)
 Aug. 7-11 Woodturning 101 (Stan Record)
 Aug. 24-26 Color & Embellishment (DeHeer)
 Sept. 6-8 Intermediate Woodturning (DeHeer)
 Sept. 11-15 Signature Woodturning (Mike Jackofsky)

LEGACY WOODWORKING MACHINERY TRAINING

435 W. 1000 N., Springville, UT (800) 279-4570

July 5 4-Axis CNC Carving-Based Turning
 July 26 Precision Joinery on the CNC

WOODCRAFT

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

July 8 Bowl Turning (Raleigh Lockhart)
 July 13 Sharpening (Ryan Balls)
 July 15 Carving (Marilyn Ure)
 July 20 Pen Turning (Sean Snorgrass)
 July 29 Make a Cutting Board (Balls)
 Aug. 5 Turning Fruit Shapes (Lockhart)
 Aug. 12 Pyrography (Sherry Burgen)
 Aug. 12 Beginning Carving Class (Ure)
 Aug. 17 Pen Turning (Snorgrass)
 Aug. 19 My 1st Chair (Chris Gleason)
 Aug. 19 Carving (Ure)
 Aug. 24 Sofa/Hall Table—2 sessions (Steve Tanner)

WASHINGTON

ARBUTUS FOLK SCHOOL

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

Weds. Woodshop Open Studio
 July 8 Basic Woodturning: Wooden Bowl & Mallet (Larry Miller)
 July 8 Greenland Paddle Carving (Don Beale & Joanne Barta)
 July 11 Furniture Design for Regular Folks—2 sessions (Maddie Morgan)
 July 18 Assembling Wood—4 sessions (Morgan)
 July 23-24 Tools of the Trade (Morgan)
 Aug. 8 Wood Finishes—2 sessions (Morgan)
 Aug. 12-13 Furniture Design for Regular Folks (Morgan)
 Aug. 18-20 Assembling Wood (Morgan)
 Aug. 26 Basic Woodturning: Wooden Bowl & Mallet (Miller)
 Sept. 2-3 Bow Making (Peter Yenken)
 Sept. 8-10 Arrow & Quiver Making (Yenken)

BALLARD WOODWORKS

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

Finishing (Stan Hiserman & Scott Anderson)

BARN WOODWORKING STUDIO

8890 Three Tree Ln., Bainbridge Island, WA

July 8 Woodburning
 July 10 Chair Repair Clinic—3 sessions
 July 11 Craft a Garden Bench—4 sessions
 July 24 Intro to the Laser Cutter
 Aug. 2 Engraving on a Laser Cutter
 Aug. 2 Making Signs on a Laser Cutter
 Aug. 8 Build a Copper-Top Birdhouse—2 sessions
 Aug. 12 Woodburning
 Aug. 12 Workbench Design (Tim Celeski)
 Aug. 16, 21 Intro to the Laser Cutter
 Aug. 26 Hand Joinery (Dick Culp)

CEDAR ROOT FOLK SCHOOL

Marrowstone Island, WA (360) 379-5413

July 15-16 Blacksmithing Hinges & Latches
 July 29-30 Shavehorse
 Aug. 19-20 Bow Making
 Aug. 20 Arrow Making

WORKSHOPS • DEMOS • CLASSES

CENTER FOR WOODEN BOATS

July 1-9 Kayak Building (Corey Freedman)
 July 17-22 Northeast Dory (Eric Hvalsoe)
 Aug. 21-26 Annapolis Wherry (Hvalsoe)
 Sept. 9-17 Kayak Building (Freedman)

DARRELL PEART FURNITUREMAKER

9824 30th Ave. SW., Seattle, WA (425) 277-4070
 Call for Fall Furniture Classes

ISGOOD WOODWORKS

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

July 15, 20 Side Table—6 sessions (John Blunt)
 July 18 Cabinetmaking—6 sessions (Blunt)
 July 15 Lift Top Coffee Table—6 sessions (Blunt)

NORDIC CRAFT SCHOOL

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

July, 2, 9, 16, 23, 30 Nordic Woodcarving (Holt)

NORTH SEATTLE COMMUNITY COLLEGE

Seattle, WA (206) 527-3705

July 13 Basic Carpentry & Woodworking—3 sessions

NORTHWEST CARVING ACADEMY

Kittitas Event Center, Ellensburg, WA (509) 585-7787

July 10-14 13 Woodcarving Classes

NORTHWEST MARITIME CENTER

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

July 8 Intro to Shop Tools
 July 13-16 Good Story Paddle Boards
 July 17-23 Pygmy Boats
 Aug. 7-20 Scamp Camp
 Sept. 18-Oct. 1 Chase Small Craft

PACIFIC YEW

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 3 Banjo Making (Pharis & Jason Romero)
 July 10-14 Hand Tool Heaven (Steve Eastwood)
 July 17-21 Intro to Timber Framing (Abel Dances)
 July 17-21 Hand Tool Heaven II: Joinery (Straughn-Morse)
 July 22-23 Building Bird Boxes (John Edwards)
 July 24-Aug. 11 Build a Timber Frame (Dances)
 July 24-29 Build a Chisel Cabinet (Straughn-Morse)
 July 31-Aug. 4 Beginning Digital Design & Fabrication (Thea Eck)
 Aug. 7-11 Hand Tool Heaven (Steve Eastwood)
 Aug. 11-13 Gypsy Wagons: Design Seminar (Steve Habersetzer & Greg Kossow)
 Aug. 14-Sept. 8 Hybrid Woodworking (Straughn-Morse)
 Aug. 14-18 Green Woodworking: Carving Spoons and Shrink Pots (Jarrod Dahl)
 Aug. 14-18 Hand Tool Heaven (Straughn-Morse)
 Aug. 19-20 Swedish Spoon Carving (Dahl)
 Aug. 21-25 Intro to Cabinet Making (Edwards)
 Sept. 11-15 Relief Carving Fundamentals (Mary May)
 Sept. 11-12 Build a Round Bottom Molding Plane (Garrett Hack)
 Sept. 13-22 Coopered Cabinets (Hack)

PORT TOWNSEND WOODEN BOAT FESTIVAL

Port Townsend, WA (360) 385-3628

Sept. 8-10 Woodworking Demos and Boat Building

PRATT FINE ARTS CENTER

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

July 15 Chainsaw Use & Safety (Brian Watson)
 July 22 Pen Turning (Daniel Pittsford)
 Aug. 2 Tiny Woodworking: Workbench—4 sessions (Steve Dando)
 Aug. 3 Beginning Woodworking—4 sessions (Dan Morgan)
 Aug. 5-6 Intro to Woodworking (Dando)
 Aug. 8 Intermediate Woodworking—6 sessions (Dando)
 Aug. 12 Intro to Woodturning (David Lutrick)
 Aug. 14 Beginning Woodturning—6 sessions (Lutrick)
 Aug. 26-27 Spoon Carving (Scott Brown)

ROCKLER WOODWORKING — Seattle North

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

July 8 Wood Finishing: The Rockler HVLP Sprayer
 July 15 Porter Cable Restorer Sander
 July 22 Fun with Woodturning: Excelsior Lathe
 July 29 Router Table Techniques
 Aug. 5 State Park Sign Making
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Box Joint Jig & Dovetail Jig

Aug. 26

Wood Finishing Spray Shelters & HVLP Sprayers

ROCKLER WOODWORKING — Seattle South

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

July 1 3D Animal Puzzles
 July 1 Creative Box Making
 July 8 Bowl Turning
 July 8 Wood Finishing Demo: The Rockler HVLP Sprayer
 July 15 Turning Celtic Knot Handles
 July 15 Porter Cable Restorer Sander
 July 22 Pen Turning
 July 22 Turning Wacky Wooden Toys
 July 29 Turning Segmented Bowls
 July 29 Router Table Techniques
 Aug. 5 Off Center Turning
 Aug. 5 State Park Sign Making
 Aug. 12 Inside Out Turning
 Aug. 12 Box Making: Rockler Miter Fold Set
 Aug. 19 Turning the Weird Bowl
 Aug. 19 Box Joint Jig & Dovetail Jig
 Aug. 26 Finish Preparation
 Aug. 26 Wood Finishing with HVLP Sprayers

WOODCRAFT — Seattle

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

July 6 The Anarchist's Tool Chest—6 sessions (Steve Dando)
 July 7-8 Artistry in Wood: Shaving Set (David Lippincott)
 July 9 Beginning Spoon Carving (Saman Shojaei)
 July 13 Oaxacan Wood Carving—5 sessions (Shojaei)
 July 14-15 Turning 101 (Jack Wayne)
 July 16 Beginning Woodworking: Flat, Straight & Square (Laurence Lance)
 July 21 Executive Pen (John Jones)
 July 23 Pyrography/Wood Burning 101 (Sylvia Wayne)
 July 25 Table Saw 101 (Jones)
 July 28 Scroll Saw 101 (Lippincott)
 July 29 The Japanese Toolbox (Jeff Marsden)
 July 30 And Now for Something Silly: KAZOO'S (Marsden)
 Aug. 1 Pyrography/Wood Burning 101 (Wayne)
 Aug. 1 Beginning Relief Carving—4 sessions (Shojaei)
 Aug. 2 Carving Wood Spirits—4 sessions (Shojaei)
 Aug. 5 Intro to the CNC Machine (Eugene Bagdon)
 Aug. 6 Kid's Woodworking Class: Chair (Brad Meyer)
 Aug. 7 Sawdust Therapy I—5 sessions (Dando)
 Aug. 11 Flat, Square, & Straight: Jointer/Planer/Tablesaw (Marsden)
 Aug. 12 Beginning Spoon Carving (Shojaei)
 Aug. 13 Beginning Broom Making (Kat Porath)
 Aug. 17 The Anarchists Camp Chair—4 sessions (Dando)
 Aug. 18 Bandsaw 101 (Jones)
 Aug. 19 Beginning Woodworking: Flat, Straight & Square (Lance)
 Aug. 20 Beginning Knife Making (Robb Gray)
 Aug. 25-26 Turning 101 (Wayne)
 Aug. 29 Executive Pen (Jones)
 Aug. 30 Scroll Saw 101 (Lippincott)

WOODCRAFT — SPOKANE

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

July 1 Take Your Pen Turning to the Next Level (John Ferrell)
 July 2 Fundamentals of Finishing (Marc Daniels)
 July 6 Woodshop Safety for Kids
 July 8 Round & Round We Go... (Doug Eaton)
 July 9, 28 Let's Take a Moment to Talk About Shop Safety... (Daniels)
 July 13 Cutting Boards for Kids
 July 15 A Cut Above (David Shockley)
 July 16 Get to Know Your Bandsaw Better (Larry Loe)
 July 20 Penturning for Kids
 July 21 The Art of Intarsia (Doris Munson)
 July 22-23 De-Mystifying Segmented Bowl Turning (Cal Hanson)
 July 29 Bandsaw Boxes Made Simple (Loe)
 July 30 Ice Cream Scoop (Ferrell)
 Aug. 5 Sounds of the Islands: Tenor Ukulele—6 sessions (Daniels)
 Aug. 19 Principles of Bowl Turning (Eaton)
 Aug. 20 Let's Take a Moment to Talk about Shop Safety... (Daniels)
 Aug. 26 Intarsia, Enhancing Your Skills (Munson)
 Aug. 27 Knife Making 101: Custom Knife Scales (Shockley)

YAKIMA VALLEY COMMUNITY COLLEGE

W. Nob Hill Blvd., Yakima, WA (509) 574-4875

July 14, 15 Wood Turning: Magic of the Lathe (John Barany)

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JULY 19-22, 2017
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Profile: Brian Newell



Brian Newell building a cabinet at last March's World Wood Day festival in Long Beach, CA.

With a carving background, Brian Newell of Fort Bragg, CA brings a unique perspective to crafting furniture. Here is Brian's story, in his own words:

I am not sure why I got started woodworking. No one in my family did it. The best that I can recollect is that I was fascinated by the woodcarvers in a tourist town of German immigrants not far from where I grew up. By age 8, I was whittling, and at 12, I saved enough to buy a 12-piece carving set from the *Woodcraft* catalog and the book, *Manual of Traditional Woodcarving*. In my parent's basement, I taught myself how to do relief carving, with all sorts of details and ornamentation. Learning the nuances of woodworking (grain patterns, what direction to cut, how sharp the chisel needs to be, etc.) was a good grounding; I made a real intimate connection with wood.

In Junior High, I was introduced to power tools, and by Senior year in high school, I was the de facto teacher's assistant. I just loved it so much. It was good to help people out. I also had a side business of carving signs for local stores.

It was at this time that I encountered **James Krenov's** book *A Cabinetmaker's Notebook*. Advertised as the woodworking "why-to," I remembered how disappointed I was when I opened it. Compared to complicated shapes and curves of the carving world, Krenov's work was so simple and visually austere. Then, I read the book, and it spoke to me, even at my young age. I was a Krenov fan, from that point on.

Growing up in Flint, MI, almost everyone worked on the General Motors assembly line. Wanting something better, college was seen as my way out. The University of Michigan was very exhilarating, like being in a foreign country. Eventually, I discovered the recreational wood shop, and I got a job as a monitor and teacher. It was fantastic, a great community. The problem was that it usurped all my energy for academics, and working with my hands won out.

In my Senior year, I quit college and immediately applied to James Krenov's school at College of the Redwoods in Fort Bragg, CA. It was a validation for me. Suddenly, I was in a room with people who took woodworking seriously, and I was exposed to people who were making a living doing it. It was intense. Lots to learn. This was the launching pad for my professional career.



White Cabinet
Curly Maple
(58" h, 28" w, 10" d)

Walnut Cabinet
Bastogne Walnut
(40" h, 72" w, 12" d)



In the school's tradition, my early work was very much like Krenov's pieces, but with carving embellishments. Then, I was exposed to veneers, and I wanted curves, I wanted parquetry. I realize how to make more interesting furniture. With Krenov's recommendation, I got a piece accepted by the Pritam & Eames gallery in New York, and it sold. . . They wanted more.

After College of the Redwoods, I ended up in Chicago, working as a patternmaker in the scale model industry. Our job was carving forms out of Basswood from drawings to make the plastic molds.

Flower Wall Cabinet
Rosewood
(10" h, 36" w, 9" d)



Essentially, I spent all day carving compound curves for car bumpers, engine parts, hubcaps, etc., with tolerances of $\pm .005"$. I am grateful for the experience, as it made me fearless when it came to curves. These skills became ingrained, and later made my furniture more interesting. I am not restricted by machine limitations, anything is possible.

This job also supplied the financial support for assembling my own woodshop. As I continued to work, I spent my "free time" (before and after work and weekends) making furniture. I began to build a client base, I produced one piece a year for Pritam & Eames, and I slowly weaned myself away from patternmaking, over a 4-year period.

I admit that I didn't have much of a social life, except for twice-a-year trips to Italy. On one trip, I met a Japanese textile artist, who I followed back to Japan and married. For the next 10 years, we lived in Japan. This was my dream period. I built a shop, and without economic pressure, I had time to focus on my work, explore my ideas, and develop a style. Most of my pieces were shipped to Pritam & Eames for sale.

My cabinetry pieces are characterized by compound curves. My *Ebony Desk*, on the cover, is an extreme example with curves on all sides, even the tops. In this case, the cores are carved from Basswood, and skinned with veneer. It was constructed as component panels assembled together. I prefer pieces for display in the center of a room, so they can be visually seen in the round, but this is rarely practical.

Cicada Cabinet
Zitan, Oxwood
(37 1/2" h, 42" w, 12" d)



Another series of recent work is my horizontal wall cabinets. Carved from solid wood, I can play with shadow imagery against the wall. And I enjoy making them, sitting at the bench, listening to music, and carving the wood. It's a very nice way to spend time.

The piece that received the greatest visibility is the *Cicada Cabinet*, created for the *Inspired by China* exhibition at the Peabody Essex Museum in Salem, MA. Made of rare Zitan and Oxwood, the piece was inspired by a carved jade pendant of a cicada, given to me by Chinese friends. The carved lattice work is a traditional Chinese pattern, over 3,000 years old. This work became the cover piece for the exhibit and was purchased for the museum's permanent collection.

In 2007, we returned to the U.S., settling in Fort Bragg, CA. This is also the time that the studio furniture market began to wane, with a number of gallery closings (including Pritam & Eames). Luckily, I have had some very good clients supporting my work.

Currently, I am excited about renovating an old dairy barn in Fort Bragg into a Community Workshop, with a gallery and courtyard for events. People are genuinely excited, and we have a waiting list for bench space. Our goal is to open by year's end.

You are invited to see more of my work at my website: www.brian-newellfurniture.com, though I admit that it is not up-to-date.

Blanket Chest
Bog Cedar
(20" h, 36" w, 22" d)



CALENDAR & EVENT INDEX

JULY

- thru Sept. '18 **EXHIBIT:** *No Idle Hands* at Museum of International Folk Art, **Santa Fe, NM.** (505) 476-1200.
- thru Dec. 31 **EXHIBIT:** *Artist Showcase* at the Northwinds Art Center, **Port Townsend, WA.** (360) 379-1086.
- thru Nov. 12 **EXHIBIT:** *Unseated* at Denver Art Museum, **Denver, CO.** (720) 865-5000.
- thru Nov. 6 **EXHIBIT:** *Handmade in Camp* at White River Valley Museum, **Auburn, WA.** (253) 288-7433.
- thru Sept. 16 **EXHIBIT:** *Architecture for the Birds* at Plaines Art Museum, **Fargo, ND.** (701) 232-3821.
- thru Sept. 16 **EXHIBIT:** *Closing of Cultural Confluence* at Plaines Art Museum, **Fargo, ND.** (701) 232-3821.
- thru Sept. 10 **EXHIBIT:** *Fun. No Fun.* at Henry Art Gallery, **Seattle, WA.** (206) 543-2280.
- thru Sept. 4 **EXHIBIT:** *Emergence* at San Juan Island Museum of Art, **Friday Harbor, WA.** (360) 370-5050.
- thru Sept. 3 **EXHIBIT:** *Art from the Lathe* at The Gallery of the AAW, **St. Paul, MN.** (651) 484-9094.
- thru Sept. 3 **FESTIVAL:** *The Sawdust Festival & Art-A-Fair*, **Laguna Beach, CA.** Sawdust: (949) 494-3030, Art-A-Fair: (949) 494-4514.
- thru Sept. 2 **EXHIBIT:** *Annie Evelyn* at Houston Center for Contemporary Craft, **Houston, TX.** (713) 529-4848.
- thru Aug. 31 **EXHIBIT:** *Furniture & Prints* at Island Gallery, **Bainbridge Island, WA.** (206) 780-9500.
- thru Aug. 26 **EXHIBIT:** *Biomimicry* at Tempe Center for the Arts, **Tempe, AZ.** (480) 350-2829.
- thru Aug. 21 **EXHIBIT:** *Creativity on the Line* at Cantor Arts Center, **Stanford, CA.** (650) 723-4177.
- thru Aug. 20 **EXHIBIT:** *Frank Lloyd Wright* at Bowers Museum, **Santa Ana, CA.** (714) 567-3600.
- thru July 31 **EXHIBIT:** *Decorative Arts in the Age of Victoria* at Museum of Fine Art, **Houston, TX.** (713) 639-7300.
- thru July 31 **EXHIBIT:** *Fine Woodworking Show* at Odd Fellows Hall, **Mendocino, CA.** (707) 937-2486.
- thru July 29 **EXHIBIT:** *Folk Art in the Norwegian Tradition* at Vesterheim Norwegian-American Museum, **Decorah, IA.** (563) 382-9681.
- thru July 25 **EXHIBIT:** *Deborah Unger* at the Guardino Gallery, **Portland, OR.** (503) 281-9048.
- thru July 25 **EXHIBIT:** *Variations on Growth* at Foothills Art Center, **Golden, CO.** (303) 279-3922.
- thru July 25 **EXHIBIT:** *What You See Is What You Get* at San Diego Museum of Art, **San Diego, CA.** (619) 232-7931.
- thru July 22 **EXHIBIT:** *National All Media Exhibition* at St. Louis Artist's Guild, **Clayton, MO.** (314) 727-6266.
- thru July 22 **EXHIBIT:** *Fires of Change* at 516

ADVERTISER INDEX

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Arts, Albuquerque, NM. (505) 242-1445.	10	SHOW: <i>Festool Roadshow</i> at Timber Woodworking Machinery, Mesa, AZ. (480) 926-2131.	
thru July 14 EXHIBIT: <i>Santa Cruz Art of Guitar</i> at R. Blitzer Gallery, Santa Cruz, CA. (831) 458-1217.	14-Aug. 13	SHOW: <i>Fine Art Woodworking</i> at Orange County Fair, Costa Mesa, CA. (714) 708-1624.	
thru July 10 EXHIBIT: <i>Material Obsessions</i> at Sparks Gallery, San Diego, CA. (619) 696-1416.	15	SWAP: <i>Pacific Northwest Tool Collectors</i> at Ridgefield, WA. (503) 628-1488.	
thru July 4 EXHIBIT: <i>Design in Wood</i> at San Diego County Fair, Del Mar, CA. (858) 792-4207.	19-22	SHOW: <i>AWFS®Fair</i> at Convention Center, Las Vegas, NV. (800) 946-2937.	
thru July 4 EXHIBIT: <i>Fine Art/Fine Craft Juried Exhibition</i> at Marin County Fair, San Rafael, CA. (415) 499-7048.	21-23	EXHIBIT: <i>Art Jam 2017</i> at Rock Hollow Farm, Sequim, WA. (360) 460-6563.	
thru July 2 EXHIBIT: <i>Depth & Detail</i> at Denver Art Museum, Denver, CO. (720) 865-5000.	27	SHOW: <i>Festool Roadshow</i> at In Touch Tools, Palm Desert, CA. (760) 568-9662.	
thru July 2 EXHIBIT: <i>Peter Shire</i> at MOCA at the Pacific Design Center, West Hollywood, CA. (310) 289-5223.	30	SHOW: <i>Festool Roadshow</i> at Hardwood & Hardware Co., San Diego, CA. (858) 614-1800.	
thru July 2 EXHIBIT: <i>Yard Art</i> at Bainbridge Arts & Crafts, Bainbridge Island, WA. (206) 842-3132.	AUGUST		
1-Sept. 17 EXHIBIT: <i>White Snow Spinoffs</i> at Hauser & Wirth, Los Angeles, CA. (213) 943-1620.	1-31	EXHIBIT: <i>Steve Pulver Turned Wood</i> at Artwood, Bellingham, WA. (360) 647-1628.	
1-4 FESTIVAL: <i>Lake Union Wooden Boat Festival</i> at South Lake Union Park, Seattle, WA. (206) 382-2628.	2-Sept. 14	EXHIBIT: <i>From the Mudflats and Beyond</i> at Folk & Fine Art, Berkeley, CA. (510) 900-2591.	
1-3 FESTIVAL: <i>Cherry Creek Arts Festival</i> at Cherry Creek North, Denver, CO. (303) 355-ARTS.	2-27	EXHIBIT: <i>Wood Exhibition</i> at Gallery Nine, Lincoln, NE. (402) 477-2822.	
5-Aug. 31 FESTIVAL: <i>The Festival of the Arts</i> , Laguna Beach, CA. (949) 494-1145.	2	SHOW: <i>Festool Roadshow</i> at Austin Hardwoods in Santa Ana, CA. (714) 953-4000.	
6-30 EXHIBIT: <i>Hib Sabin</i> at Stonington Gallery, Seattle, WA. (206) 405-4040.	3-28	EXHIBIT: <i>Carolyn King</i> at Partners Gallery, Fort Bragg, CA. (707) 962-0233.	
7-8 OPEN HOUSE: <i>Lie-Nielsen Tools</i> , Warren, ME. (800) 327-2520.	3	SHOW: <i>Festool Roadshow</i> at Woodcraft, Fountain Valley, CA. (714) 963-9663.	
7-9 FAIR: <i>Jackson Hole Art Fair</i> at Miller Park, Jackson Hole, WY. (307) 733-8792. Also Aug. 11-13.	4-26	EXHIBIT: <i>Organic Reaction</i> at the Allied Arts of Whatcom County Gallery, Bellingham, WA. (360) 676-8548.	
9 SWAP: <i>Rocky Mountain Tool Collectors</i> at Broomfield, CO. (720) 202-1372.	4-25	EXHIBIT: <i>Melinda Rosenberg</i> at the Tansey Contemporary, Santa Fe, NM. (505) 995-8513.	

CALENDAR & EVENT INDEX

4-6	SHOW: <i>American Craft Show</i> at Fort Mason Center, San Francisco, CA. (800) 836-3470.	11-13	(208) 726-9491.		
4-6	FESTIVAL: <i>Park City Kimball Arts Festival</i> , Park City, UT. (435) 649-8882.	11-13	SHOW: <i>Sculpture in the Park</i> , Love-land, CO. (970) 663-2940.	25-27	Bend, OR. (541) 322-6272.
4	SHOW: <i>Festool Roadshow</i> at Hud-son & West Hardwoods, Torrance, CA. (310) 533-4000.		OPEN STUDIOS: <i>Studios Tours</i> , Bainbridge Island, WA. (206) 842-0504.	25-27	SYMPOSIUM: <i>SWAT Woodturn- ing Symposium</i> , Waco, TX. www. swaturners.org .
5-6	FESTIVAL: <i>Beaver Creek Art Festival</i> at Beaver Creek Village, Avon, CO. (561) 746-6615.	12	SWAP: <i>Pacific Northwest Tool Collectors</i> , Hillsboro, OR. (503) 628-1488.	26	FESTIVAL: <i>Woodfest</i> at the Amana Colonies RV Park, Amana, IA. (319) 622-3678.
5	SHOW: <i>Festool Roadshow</i> at An- derson Plywood, Culver City, CA. (310) 397-8229.	18-19	SHOW: <i>Midwest Scroll Saw and Woodworking Trade Show</i> at Dubuque County Fairground, Dubuque, IA. (608) 348-8332.	29	SHOW: <i>Festool Roadshow</i> at Wood- craft, Seattle, WA. (206) 767-6394.
6	SWAP: <i>Old Tool Swap Meet</i> at Rock- ler Woodworking, San Diego, CA. coffeeorganic@hotmail.com .	18	SHOW: <i>Festool Roadshow</i> at Woodcrafters, Portland, OR. (503) 231-0226.		SHOW: <i>Festool Roadshow</i> at Edendsaw, Port Townsend, WA. (360) 385-7878.
8-17	EXHIBIT: <i>Commitment to Excel- lence</i> at Honolulu Museum of Art School, Honolulu, HI. (808) 532- 8741.	19	SWAP: <i>P.A.S.T. Summer Show</i> at Veteran's Building, Sonoma, CA. (707) 545-8812.	SEPTEMBER	
8	SHOW: <i>Festool Roadshow</i> at Woodcraft, Ventura, CA. www. woodcraft.com (805) 658-9663.	25-Nov. 4	SWAP: <i>Tool Swap Meet</i> at Anderson Plywood, Culver City, CA. (310) 397-8229.	2-4	SHOW: <i>Art + Wood=Woodpalooza</i> at the Whidbey Island Center for Arts, Langley, WA. (360) 221-8262.
11-Sept. 3	FESTIVAL: <i>Art in the Redwoods</i> at Gualala Arts Center, Gualala, CA. (707) 884-1138.	25-Oct. 22	EXHIBIT: <i>Spoons: Carving Commu- nity</i> at the Vesterheim Norwegian- American Museum, Decorah, IA. (563) 382-9681.	2-4	FESTIVAL: <i>Gathering at the Great Divide</i> , Breckenridge, CO. (970) 547-9326.
11-13	FESTIVAL: <i>Arts & Crafts Festival</i> at Sun Valley Center, Ketchum, ID.	25-27	EXHIBIT: <i>Think Rethink</i> at Craft Alliance, St. Louis, MO. (314) 725- 1177.	2-4	FAIR: <i>Art in the Pearl</i> in Pearl District, Portland, OR. (503) 722- 9017.
			FESTIVAL: <i>Art in the High Desert</i> , Bend, OR. (541) 322-6272.	8-10	FESTIVAL: <i>Wooden Boat Festival</i> , Port Townsend, WA. (360) 385- 3628.
				15-17	SYMPOSIUM: <i>Rocky Moun- tain Woodturning Symposium</i> at the Ranch/Larimer County Fairgrounds, Loveland, CO. (970) 663-1868.

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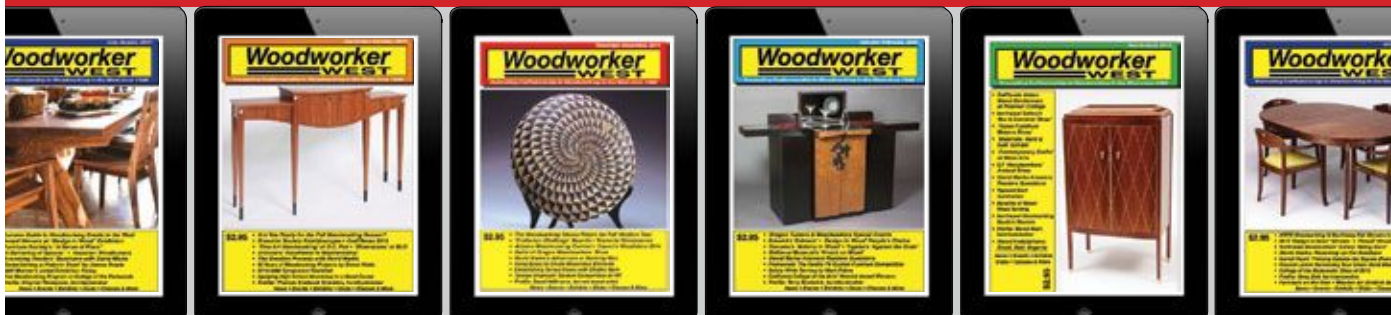
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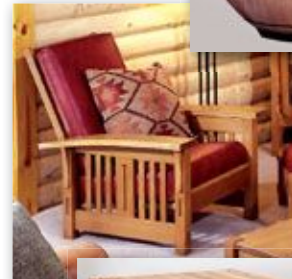
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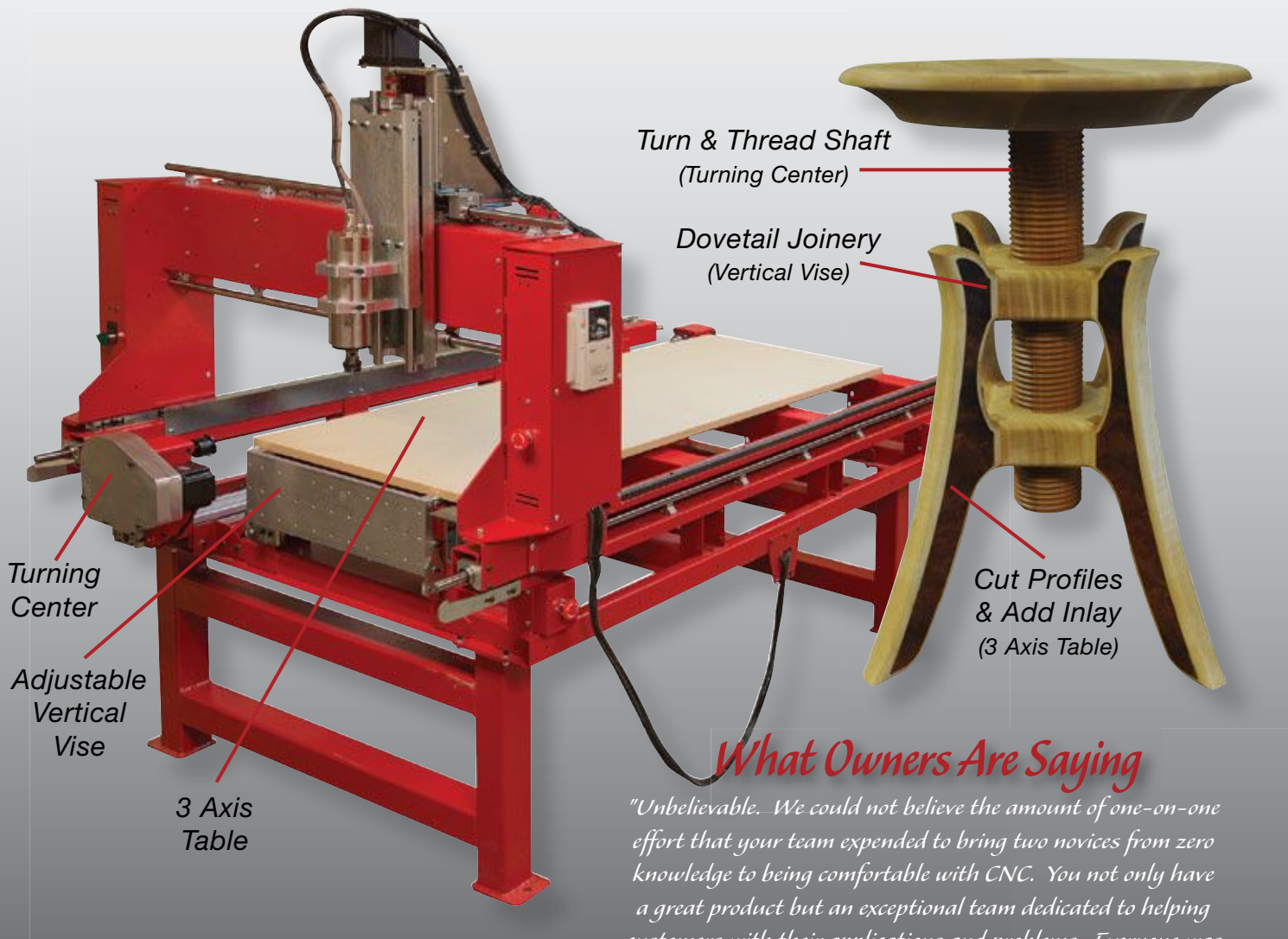
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