

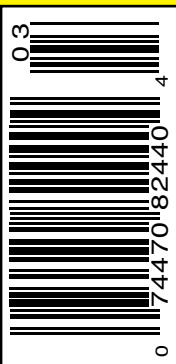
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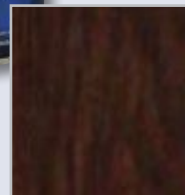


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ON THE COVER

Dean Pulver

David Pulver of El Prado, NM describes his work as *Contemporary Primitive*, taking a fresh look at ancient designs. The *Circus Table and Chairs*, constructed from Mahogany, were part of a commission for a guest room at a destination resort in Taos, NM. Learn more about Dean in a *Profile* on Pages 54-55.

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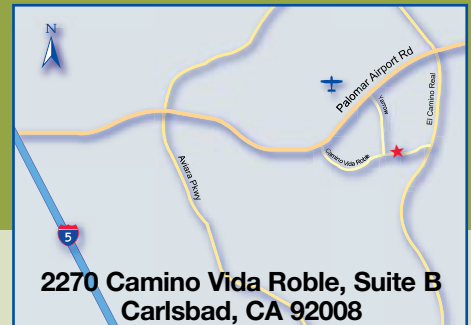
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UTAH WOODTURNING SYMPOSIUM: LONGEST RUNNING TURNING EVENT

The **Utah Woodturning Symposium** holds its 36th annual conference, May 14-16, at Utah Valley University in Orem, UT. Being the longest running woodturning symposium, this event has been called "the best in the world," setting the standard and format followed by all other national and regional events.

Begun by master turner and educator **Dale Nish** in 1979, *Symposium West*, as it was originally called, featured demonstrations by those who would emerge as the icons of the field: **Albert LeCoff, Frank E. Cummings III, David Ellsworth, Dale Nish, and Bob Stocksdales**. Over time, it grew into the premier forum for serving the educational needs of both novice and advanced turners, showcasing the talents of a mix of established and emerging artists. And by limiting attendance, it provides an intimate environment to foster learning and socialization.

Offering more than 90 demonstrations, the 2015 symposium will feature 24 demonstrators, from across the country and beyond. International instructors include **Mark Baker** (England), **Jason Breach** (England), **Art Liestman** (Canada), **Guilio Marcolongo** (Australia), and **Neil Turner** (Australia). Domestic turners include **Sam Angelo** (WY), **Sally Ault** (CA), **Michael Blankenship** (TX), **Jay Brown** (UT), **Rex Burningham** (UT), **Kip Christensen** (UT), **Cindy Drozda** (CO), **Ashley Harwood** (SC), **Kurt Hertzog** (NY), **Mike Jackofsky** (CA), **Eric Lofstrom** (WA), **Art Majerus** (CA), **Cindy Navarro** (CA), **Stan Record** (UT), **Jim Rodgers** (CA), **Jason Schneider** (CO), and **Alan Trout** (TX).

The symposium also offers an instant gallery, banquet, live and silent auctions, vendor showcase, hands-on youth turning, swap meet, and the *Great Egg Cup Race*. Ancillary to the meeting are the **Craft Supplies USA Super Wednesday**, including demos, sales, door prizes, and BBQ lunch; *Penturner's Rendezvous*, including demos, gallery, and vendors; the first *Women in Turning* gathering; and an *Open House* at **Legacy Woodworking Machinery**.

The early registration deadline is May 8, on-line or mail; on-site is available, but not guaranteed. Registration includes banquet tickets. Orem is located 45 minutes from Salt Lake City Airport, and transportation and hotel options are available.

For info, visit the web site: www.utahwoodturning.com.

DESIGN IN WOOD 2015

The 34th annual **Design In Wood** exhibition is being held as part of the San Diego County Fair, June 5-July 5. Sponsored by the **San Diego Fine Woodworkers**, more than 300 entries are expected in 24 competitive categories. Also, there will be various woodworking demonstrations conducted daily, including carving, turning, model building, scrollsaw, and caning. Other demos are violin making (Tues., Thurs., Sat. evenings), carving (Thurs. & Fri. evenings), scrollsaw (Fri. evenings), and woodturning (Wed. evenings). In addition, handtool chairmaking will again be conducted in a recreated *19th Century Cabinetmakers Shop*. For info, visit the website: www.sdfair.com or call: (858) 755-1161.

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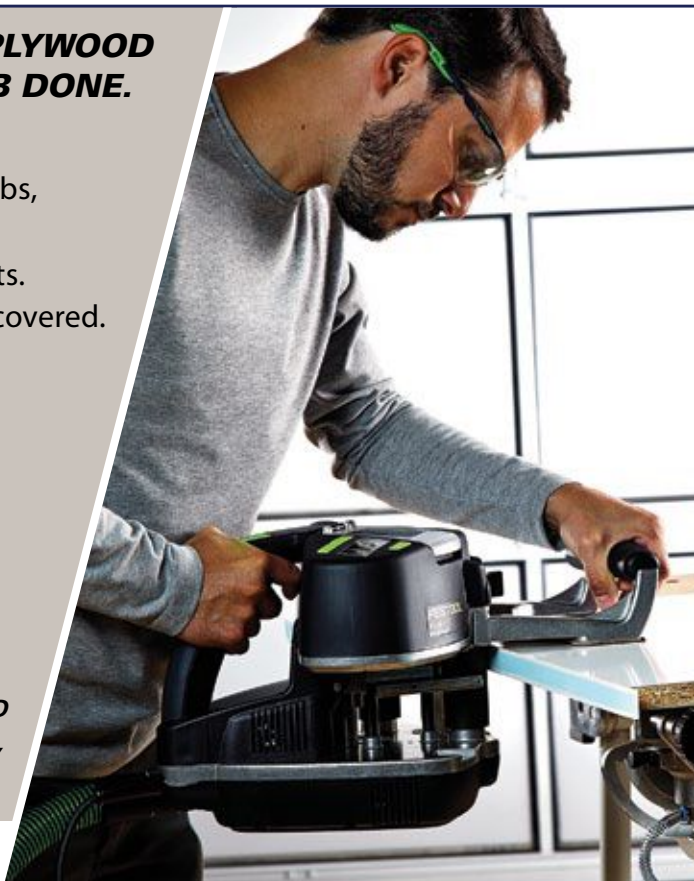
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Woodworker WEST

May-June, 2015 Vol. 28, No. 3

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Woodworking Observations

The saying *If you build it, they will come* is very appropriate to woodworking. When I co-curated *The Birthday Party* at the Brand Library Gallery in Glendale, CA, the exhibit attracted the largest attendance in the gallery's history, and we see it again and again at the county fairs, where the *Wood* pavilions are packed with visitors. People like to look at furnishings (as demonstrated by the viewership of HGTV), and our task is to convert them into buyers.

That requires opportunities to be seen and by wider and different segments of the public, and I have always advocated exposure in public spaces. One venue with a large volume of thru-traffic with discretionary income are airports, and woodworking exhibitions routinely have been displayed in terminals in San Francisco, Seattle, Phoenix, and Austin, though not always in the most visible of locations.

In Los Angeles, we mounted a display at LAX in 2001. It had a perfect spot in Terminal 1, at the base of the escalators in the main lobby. During set-up, a large crowd gathered, *oohing* and *ahing* as each piece was installed, and the work garnered the attention of everyone that passed by. However, the exhibition came to a grinding halt, as a result of 9/11. Our space was commandeered for the creation of TSA's security zone, and plans to move the case to another terminal were quickly pushed aside.

Now, we have another opportunity for access to this prime real estate. Furniture-maker **Stephen Courtney** has worked his way through the bureaucracy to gain the support of the Los Angeles Department of Cultural Affairs and the LA World Airports' Arts Education Program to secure a display space in the Tom Bradley International Terminal for February-August, 2016, showcasing the talents of Southern California wood furniture designers/makers. He is quickly gearing up and has created a website www.artfurniturelax.com to initiate a *Call for Entries*. This is a unique opportunity, not to be missed. Submission deadline is Oct. 31.

Ron Goldman
Publisher

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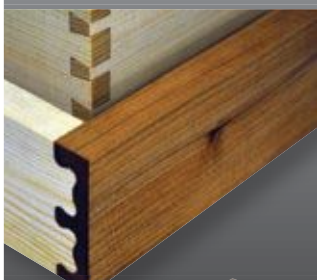
Cutting the back splat mortise with the panel clamp.



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



Cutting the straight tenon on the vertical work table.



TECHNICAL VS. ACADEMIC EDUCATION

This month's survey was inspired by a recent anecdote on one of our messageboards. A woodworking instructor at a 2-year technical school was asked how many of his students went on to get 4-year degrees? He said the question was backwards. He had a lot of students with 4-year degrees that had returned to a technical school to get a job. The ensuing discussion revealed some differing opinions on the value of a college degree:

"I knew someone who taught at a hotel management/culinary school. He said that they hardly ever had any graduates, because the kids were snapped up before ever nearing graduation."

"We have a generation of kids that were told they would be losers if they didn't go to college. Now, they have a pile of student loan debt and few prospects of ever landing a decent job, unless they go for more schooling and additional loans to get a graduate degree. Yet, there are thousands of jobs in industry, especially the woodworking industry, that go unfilled because there aren't enough young people with the technical skills and training to make the stuff that we still make. I think the pendulum is starting to swing away from 'everyone needs a college degree' back to 'we need skilled people to make stuff, and we need people to teach them how.'"

"Kids should be encouraged to learn a trade, if so inclined. Electricians and plumbers make good money, and it appears that their skill sets will never become truly obsolete, though the building code may change. But, one of the problems is that most public schools have terminated their shop classes, because of the dangers and the possibilities of lawsuits."

"Students need critical thinking, problem solving, and the need to re-train/reinvent themselves, as their fields evolve."

"A college education shouldn't always be about qualifying for a job. I'm probably one of the few people left who still believe in the value of a liberal arts education. Not only does it give you a broad understanding of and appreciation for our culture, it gives you the tools and background to enjoy the finer aspects of life. I also think it helps in any field to be able to write a complete sentence, with correctly spelled words, that expresses a thought clearly and concisely. That skill is becoming hard to find these days. If you're going to spend four years to get a college degree, you might as well get one that you can use and enjoy your whole life."

"I still think that a non-vocational degree is a luxury. My B.S. in geology landed me a job right out of school. I doubt I would have gotten that with a degree in creative writing or whatever. I couldn't afford to spend four years and all that money on a degree which would not lead to a job."

"Yes, it has become a white-collar vocational school for the most part. However, I did hear of a study a few years ago that said the earning power of liberal arts degree holders was actually very good in comparison. That said, I can still see the problem of getting the first job."

"I used to tell high school seniors, 'If your dream is to major in modern dance and minor in marine biology, go for it! Follow your dreams! But learn to weld, too.' They got the idea...at least most of them did."

"They used to say that a college degree's primary purpose was to show that you have the ability to learn at a certain level. True, but it has to be factored in with the other side of the coin—which is that employers want a new employee to produce and not have to embark on a further education program so they can function in the company."

"For people who know what they want to do with their lives when they enter college, a focused degree leading to a job in their chosen profession is ideal. For the rest of us, I think a general or liberal arts degree is the better choice, as they can re-tool later when their world focus becomes clearer. If 4-year college has become the new tech school, I think that's a loss for our culture."

"A college degree doesn't mean you're smart, but it likely means that the graduate has a good work ethic, which says that the candidate is at least capable of a sustained, productive effort in a competitive environment. That's more important to me than a demonstration that the person is familiar with the technical aspects of a job. I can teach them that."

"There's no easy answer in recruiting. Most of my life, I've worked in technical areas. I've run across more than a few Harvard and MIT nuclear physicists who knew reactors inside and out, but couldn't make a piece of toast without help. Though most tech graduates are capable of critical thinking, a tech degree is not a guarantee of that ability."

"The best computer guy I ever hired came to me straight out of a graduate theology program. In the interview, he seemed bright and asked good questions. He turned into the best programmer in the company in a few years. I asked him why he thought theology prepared him for that, and he said he was taught to see several sides of any question and to evaluate the soundness of all the possible answers. While the other programmers jumped right in to coding, this guy thought about it for a while and came up with solid systems that did exactly what the client wanted, with no false starts or surprises."

"I was told that I must go to college to amount to anything in America. But, college is not for everyone. I couldn't afford it, nor grasp the benefit of another four years of school. Instead, I enlisted in the Air Force and was assigned to a lucrative career field that has served me well even today. A college degree is no substitute for work experience."

"I think engineers and architects should be required to work in a related trade for a period of time to gain practical knowledge, before being state-certified. Buildings and civil infrastructure would be much better in many ways if this were the case."

"There's too much emphasis on trying to get everyone into college. We should take trade schools much more seriously, and they should work with local employers to make sure their offerings fit current needs."

"It's great to have creative people in the liberal arts fields. We just have to remember that we farmers, carpenters, miners, sailors, etc., invented civilization so that some people would be free to pursue these enriching activities. The cultured crowd are here to increase the worker bee's enjoyment of life, and not to look down on us workers."

"We need to do something in this country. We are falling behind. I hate to see young people making life harder than it has to be."

"I've been at the corporate thing for almost 20 years. I may go to the local tech school for my next phase. Twenty years in Dilbert-land is quite enough!"

"A hotshot corporate lawyer was annoyed by a leaky faucet in his expensive condo. He called a plumber who showed up promptly and had the leak repaired in 15 minutes. He presented the lawyer with a bill for \$75. Aghast, the lawyer said, 'You only spent 15 minutes on this job, and you charged me \$75. That's \$300 an hour! I'm a lawyer, and I don't make that much.' The plumber smiled and said, 'I didn't make that much when I was a lawyer either.'"

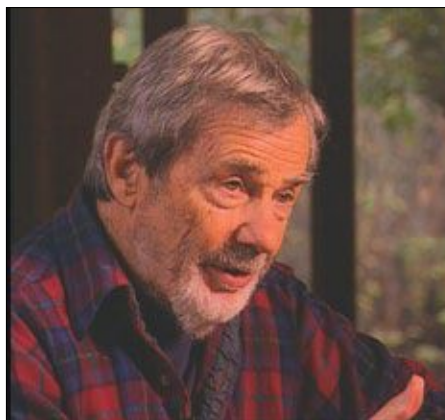
"A good dose of getting your hands dirty and learning a trade is worth just as much as a college degree in many cases."

"I am reminded of **Frank Klausz's** remark, 'handwork is production!' I would stretch that to mean that the stuff that is thought to be impractical actually runs the world."

LEARNING BY DOING

Master craftsman **Arthur Espenet Carpenter** of Bolinas, CA, one of the most influential woodworkers of the 20th century, reached his career

decisions a bit differently. Though he had attended an Ivy League college, he was later smitten by the possibilities of wood, which started him on the path to his illustrious career as a furniture maker. In his 2001 interview with **Kathleen Hanna**



for the *Archives of American Art of the Smithsonian Institution*, Carpenter had this to say about learning the ropes:

Arthur Espenet Carpenter (1920-2006)

"I did not start out as a craftsman. I started out with the idea of being independent and making my own living, and being—well, inventing my own way, whatever it was. That's something that seems to be in my genes. And, I was brash enough not to get much input. Yeah, in the beginning, I had to go down the street and ask cabinetmakers how do you put two pieces of wood together. So, that's basically how I learned."

After he opened his studio in a rural area north of San Francisco, he observed the college-educated looking for something more:

"Since the late 1960s, guys were leaving their IBM-type jobs to move to the woods to do their own thing. They would show up at my door, offering to work for nothing, in order to learn about this seemingly idyllic way of life."

Or if not idyllic, at least a step closer to god than IBM. This was the beginning of a long-lasting habit of taking in acolytes, for I, too, considered the way of the crafter a bit closer to nirvana than working for IBM. All I pretended to do was work and let them watch. My shop has seen the passing through of more than 130 apprentices. My employee saw what was happening and organized the Baulines Crafts Guild, to promote the independent craftsperson and offer apprenticeships for those wanting to learn."

So, the return of the college graduates to the technical trades—to work with their hands—may be part economic, but also may be a search for life fulfillment.

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WHAT'S NEW

BOSCH UNVEILS SAW WITH BRAKE

SawStop is about to have some competition. **Bosch Power Tools** has previewed a new contractor saw with a flesh-sensing blade-brake. Taking advantage of technology from its auto parts division, the **REAXX™ Portable 10" Jobsite Table Saw** operates similar to an air bag in an automobile. When flesh is detected near the blade, a cartridge explodes, drops the blade below the table surface, and kills the power to the spinning blade. Unlike SawStop, the blade is preserved for further use; the cartridge, with two cells, can be flipped for a second incident; and the system can be reset in 60 seconds. Also, the sensor reads the face of the blade, rather than the outer rim of the teeth, so it works with all blades (including dados) without need for an additional cartridge. This new 4hp saw will be available in the Fall, with a suggested retail price of \$1,499. Further information will be available at: www.boschtools.com or call 877-BOSCH-99.

ROCKLER CLAMP FOR EDGEBANDING

Rockler Woodworking and Hardware has introduced the **Bandy Clamp Edge Clamp**, an innovative tool that quickly and easily clamps edging to plywood, MDF, and other sheet materials without damaging the piece or the edge profile. With a built-in rubber band, it applies even pressure all the way around virtually any edge. For info, visit your local Rockler retailer, the website: www.rockler.com, or call: 1-877-ROCKLER.

GENERAL'S ELECTRONIC DRILL PRESS

General International has introduced its 17" *Electronic Variable Speed Drill Press*. Spindle speed—from 300 to 3200 rpm—can be easily adjusted by turning the electronic inverter variable control and monitoring speed on the front mounted display. Spindle tension can be adjusted by an external lever, and there is a built-in laser pointer for cutting accuracy. The cast-iron unit has a 1hp 220v motor, a 5/8" chuck with key, high-quality bearings for vibration-free operation, a see-through flip-up check guard, and crank-operated rack and pinion table height adjustment. For info, visit the website: www.general.ca, your local General retailer, or call: (888) 949-1161.

FESTOOL CONTURO EDGE BANDER

The **Festool Conturo Edge Bander** makes edge banding on the job site as easy as in the shop. Ergonomically designed, the portable, hand-held tool can apply banding (up to 2 9/16" wide and 1/8" thick) to straight surfaces, curves, radii (as small as 2"), convex shapes, concave shapes, and internal corners. It also has a self-contained, hot melt glue cartridge system, as well as a digital display providing guidance and tool info (such as glue level, temperature, and speed). In addition, accessories include an edge trimming kit and a table to create a free-standing edge banding station. For info, visit your local Festool distributor or the website: www.edgebander.com.

CRAFT FOR THE MIND

There is more evidence that woodworking and other artistic endeavors help deter dementia in older age. A study, published in the journal *Neurology*, found that people who participated in arts (e.g., painting and sculpting) were 73% less likely to develop mild cognitive impairment; crafters (e.g., woodworkers and quilters) were 45% less likely, and socializers were 55% less likely.

"Our study supports the idea that engaging the mind may protect neurons from dying, stimulate growth of new neurons, or may help recruit new neurons to maintain cognitive activities in old age," says lead author **Dr. Rosebud Roberts** of the Mayo Clinic. "The key point is that you need to start these activities early. There's no cure for Alzheimer's disease."



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WHAT'S NEW

FURNITUREMAKERS WIN S.D. ART PRIZE

A rarity in the art world: two furnituremakers are selected as recipients of a significant art award. The 2015 *San Diego Art Prize*, sponsored by **San Diego Visual Arts Network**, have been bestowed upon **Wendy Maruyama** and **Roy McMakin**. This prize includes two subsequent shows (Fall 2015 and Spring 2016), which will include two emerging artists of their choice.

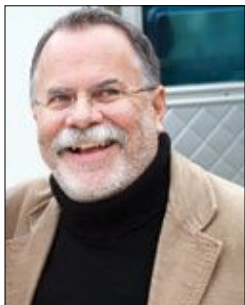
Wendy was the first woman to graduate with a Masters in *Furniture Making* from Rochester Institute of Technology, headed the *Woodworking and Furniture Design Program* at California College of the Arts and Crafts (1985-1989), and has taught *Woodworking and Furniture Design* at San Diego State since 1989.

She has shown in galleries and museums across the country. Early notoriety resulted from her *Mickey MacIntosh* chair, currently on display at the Los Angeles Museum of Art, but her later work addresses social issues (e.g., the plight of wildlife in Africa and the Japanese-American internment during World War II). Her work can be seen at: www.wendymaruyama.com.



Though Seattle-based, Roy trained at the University of California,

San Diego and has a big footprint in Southern California, with commissioned pieces at the The J. Paul Getty Museum, Museum of Contemporary Art San Diego, San Diego International Airport, San Diego Downtown Library, and Annenberg Community Beach House in Santa Monica, CA. His pieces bridge art and design, ranging from functional to sculptural. His work can be seen at: www.domesticarchitecture.com.



SMITHSONIAN HONORS SILAS KOPF

Wood furnituremaker **Silas Kopf** of Easthampton, MA has been named *Master of the Medium* by the **James Renwick Alliance**, the craft support organization of the Smithsonian Institute. This biennial honor recognizes career achievement by craftsmen working in wood, clay, glass, metal, or fiber. Past wood winners were **Sam Maloof**, **Wendell Castle**, **Edward Moulthrop**, **Bob Stocksdale**, **John Cederquist**, **David Ellsworth**, **Garry Knox Bennett**, and **William Hunter**.

In his 40-year career, Silas has been known for his quality craftsmanship, embellished with meticulously detailed marquetry imagery.

His circular cabinet, *Bad Hare Day* (shown under construction to the right) resides in the Renwick Gallery's permanent collection.



LUMBER LIQUIDATORS EXPOSED?

A report on the March 1st telecast of CBS's *60 Minutes* accused national retailer **Lumber Liquidators** of selling laminate flooring containing toxic levels of formaldehyde that may exceed health and safety standards, based on samples purchased in stores in five different states and with interviews at the Chinese manufacturer. As a result, agencies are undertaking investigations, both in the U.S. and China, and class action suits have been filed in courtrooms across the country.

Lumber Liquidators denies these allegations and are cooperating with the U.S. Consumer Product Safety Commission. They are also supplying customers with formaldehyde test kits, which can be requested at the website: www.lumberliquidators.com/ll/testkit.

ARTISTS WIN BIG IN TAX COURT

With little fanfare, artists received a major victory against the Internal Revenue Service. The I.R.S. had accused artist **Susan Crile** of underpaying income tax by \$81,000 over a 5-year period, because she deducted art expenses. They claimed that her artwork, which brought in an average of \$16,000 per year, was not a business, but rather an extension of her position as a teacher at Hunter College in New York.

However, tax court **Judge Albert G. Lauber** ruled that Ms. Crile had "met her burden of proving that in carrying on her activity as an artist, she had an actual and honest objective of making a profit" and therefore under tax law should be considered a professional artist.

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OPPORTUNITIES

Photo: Jeff Lavender



Seth Rolland
(Port Townsend, WA)
Salish Sea Tub
Sapele
(36" h, 85" l, 36" d)



Joseph Elbert
(Leon, WV)
Homage to Mid Century
Wild Cherry
(Chair: 60" h, x 22" d)

NICHE AWARDS 2015

Niche magazine, the industry publication for art galleries and craft retailers, sponsored its 25th annual *Niche Awards*, a national competition recognizing creative achievement of individual craft artists showing in galleries and retail stores.

Drawing nearly 2,000 entries, craftsmen competed in 35 professional categories and 20 student categories, in various craft media. Five finalists from each category were invited to show their work at the *American Made Show* in Washington, D.C. last January, where awards were announced.

Winners in the *Wood* categories were: **Seth Rolland** (Port Townsend, WA) in *Turned or Carved*, **John Beaver** (Pacific Palisades, CA) in *Painted/Color Wood*, **Chance Coalter** (San Diego, CA) in *Cabinetry*, **Joseph Elbert** (Leon, WV) in *Table/Seating*, and **Steven B. Levine** (Dayton, NJ) in *Traditionally Joined Wood*.

In the student division, the *Wood* winner was **Betsy Bull** of Savannah College of Art and Design.

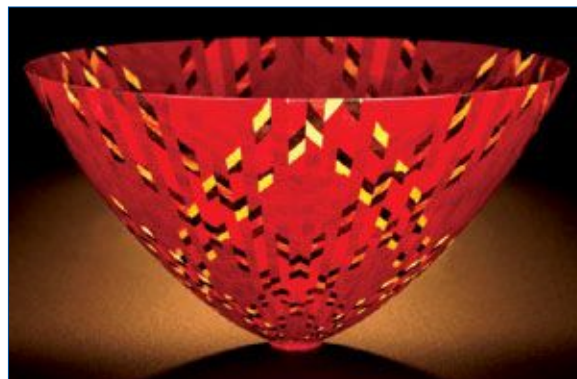
The entry deadline for the 2015 competition is Aug. 21. Categories appropriate to woodworkers include: *Cabinetry, Tables/Seating, Carved/Turned, Traditionally-Joined Wood, Paint/Color Wood, Teapots, Recycled, Clocks, and Home Furnishings*. Work is judged on technical excellence (both in surface design and form); a distinct quality of unique, original and creative thought; and market viability (professional entries only).

Finalists will be invited to display their piece in a special exhibit at *American Made Show* in Washington, D.C., as well as receive an awards certificate, trophy, listing on the *NICHE Awards* website, and a listing in the Spring 2016 edition of *NICHE* magazine.

For info, visit the web site: www.nicheawards.com, or call: (410) 889-2933 x206.



Chance Coalter
(San Diego, CA)
Sphere Jewelry Cabinet
Hard Maple, Bubinga,
aluminum
(21" h, 18" w, 19" d)



Mike Shuler (Santa Cruz, CA)
Pink Ivorywood Bowl #1326
Pink Ivorywood, Satinwood,
Ziricote, Bloodwood,
Brazilian Tulipwood
(2 1/2" h, 2 1/2" dia.)

OPPORTUNITIES



Steven B. Levine
(Dayton, NJ)
Library Jewelry Box
35 species of wood used in
construction
(16" h, 12" w, 10" d)

Danny Kamerath
(Kerrville, TX)
Tom 2
Zebra Wood, Katalox
(31¾" h, 12½" w, 15" d)



Kimberly Winkle
(Smithville, TN)
Long Green Scribble Table
Polychrome Poplar,
Mahogany
(20" h, 58" w, 18" d)



John Beaver
(Pacific Palisades, CA)
Rising
Sycamore, pigments
(5" h, 10" dia)



John W. Williams
(Renick, WV)
Spanish Carved Case
Curly Maple, Wenge,
(72" h, 48" w, 18" d)



Betsy Bull
(Savannah College of
Art and Design)
Notched
Birch
(12" h, 5" w, 5" d)



OPPORTUNITIES

NW GALLERY BOX & CONTAINER SHOW

Northwest Woodworkers' Gallery (formerly Northwest Fine Woodworking) in Seattle, WA hosts its 36th annual *Box and Vessel Show*, during the holiday season of November-December. This show features unique functional and decorative wood objects—which can contain something—by artists from throughout North America. Entry deadline is Sept. 30. Cash prizes will be awarded, and pieces will be available for sale. For info, visit the web site: www.nwwoodgallery.com or call: (206) 625-0542.

MARIN COUNTY FAIR

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

ARTS & CRAFTS DESIGN AWARDS

The *Arts & Crafts Design Award* is an annual international competition for artisans, craftspeople, and designers. The award honors excellence in jewelry, furniture, ceramics, glass, metalsmithing, wood, textiles, mosaic, and more. Entry deadline is Dec. 15, and winners will receive cash prizes and publicity. For info and past winners, visit the website: www.acd-award.com.

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TEXAS FURNITURE MAKERS SHOW

The **Kerr Arts & Cultural Center**, in Kerrville, TX, hosts its 16th annual *Texas Furniture Makers Show*, Oct. 29-Nov. 28. This exhibition attempts to promote the visibility and improve the art and craft of Texas furnituremakers. Last year, over \$23,000 worth of furnishings were sold during the showcase. Entry deadline for the 2015 show is Sept. 2. Entry forms and additional info will be available in July on the web site: www.kackerrville.com or call: (830) 895-2911.

LIVING ON THE LEFT COAST

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

CRAFT FORMS 2015

The **Wayne Art Center** in Wayne, PA is soliciting submissions for its 21st annual *Crafts Forms* exhibition, Dec. 4-Jan. 30. 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. 10. For info, visit the web site: www.craftforms.org/ or call: (610) 688-3553.

SIPS, SHOTS & GULPS

The **Sweetwater Center for the Arts** in Sewickley, PA hosts *Sips, Shots & Gulp*, June 10-Aug. 8. This exhibition of functional, handmade drinking vessels, in all media, coincides with the *Art-BREW* festival. Entry deadline is May 5. For info, visit the website: www.sweetwaterartcenter.org/call-for-artists/ or call: (412) 741-4405.

AI&G NATIONAL JURIED GALLERY

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

POP WOOD EXCELLENCE AWARDS

Popular Woodworking Magazine sponsors its 2015 *Excellence Awards*. Category, *Grand-Prize*, and *Readers' Choice* winners will receive prizes and be featured in *Popular Woodworking* and at *Woodworking in America*. Entry deadline is June 17. For info, visit the website: www.popularwoodworking.com.



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OPPORTUNITIES

veneer tech craftsman's challenge

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

BON APPETIT

The **Linus Gallery** in Los Angeles, CA seeks entries for the upcoming exhibition *Bon Appetit*. The show features work, in all media, related to food and/or food politics. Wall-hung work will be presented in a live gallery show, while free-standing pieces will be shown only on-line. Entry deadline is May 4. For info, visit the website: www.linusgallery.com or call: (310) 491-0269.

BOTANICA: ALL THINGS PLANT LIFE

The **Bedford Gallery** in Walnut Creek, CA presents *Botanica: All Things Plant Life*, July 12-Sept. 6. This exhibit explores how plant life can be represented in a diverse reach of media. Entry deadline is May 8, and \$3,000 in prizes will be awarded. For info, visit the website: www.bedfordgallery.org/botanica.

CHAIRS

The **Sebastopol Center for the Arts** in Sebastopol, CA presents *Chairs*, Aug. 7-Sept. 11. Open to all media, work is sought that interprets, redefines, reiterates, or reconfigures the essence, functionality, and artistic purpose of the chair form. Delivery date is June 29. For info, visit the web site: www.sebarts.org or call: (707) 829-4797.

DAVE BOWN PROJECTS

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

SHOW THE WORLD

The international art society **Re:Artiste** hosts *Show Your World*. The competition exposes amateur and professional artists, in all media, to curators, buyers, and art enthusiasts. The award is an exhibition in New York City. Entry deadline is June 30. For info, visit the website: www.reartiste.com/competition.

MARITIME 2015

The **Coos Bay Art Museum** hosts *Maritime 2015*, July 11-Sept. 26. This exhibit features maritime-themed work in all media. Entries must be postmarked by May 9. For info, visit the website: www.coosart.org or call: (541) 267-3901.

TEXARKANA ANNUAL JURIED EXHIBIT

The **Texarkana Regional Arts & Humanities Council** presents its *27th Annual Juried Exhibition*, July 10-Aug. 8. This multimedia showcase includes sculpture, with \$3,750 in cash awards. Entry deadline is May 10. For info, visit the website: www.trahc.org/exhibits-and-events/ or call: (903) 792-8681 ext.132.

O.C. FINE ART WOODWORKING

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

\$10,000 and product prizes will be awarded, and works can be priced for sale, with inquiries forwarded to artists. Fairgoers also will vote for their favorite piece in the *Woodworker West People's Choice Awards*. Entry deadline is June 1, and cash prizes will be awarded. A catalog of winners will be published. For info, visit the web site: www.ocfair.com or call: (714) 708-1624.

ART OF THE GARDEN

The **Schack Art Center** in Everett, WA is seeking artwork for *Art of the Garden*, June 18-Aug. 1. This exhibit includes art in any medium to enhance the garden or bring the garden into the home. Entry deadline is May 18. For info, visit the website: www.schack.org or call: (425) 259-5050.

THE CIRCUS

The **Foundry Art Centre** in St. Charles, MO presents the *Circus*, July 17-Aug. 28. Work, in all media, is sought related to any aspect of a circus. Entry deadline is May 17, and cash prizes will be awarded. For info, visit the website: www.foundryartcentre.org/circus/ or call: (636) 255-0270.

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OPPORTUNITIES

HAWAII'S WOODSHOW 2015

The 22nd annual *Hawaii's Woodshow* takes place at the Honolulu Academy of Arts, Sept. 20-Oct. 11. 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. 7. For info, visit the web site: www.hawaiiiforest.org or call **Marian Yasuda**, (808) 221-5171.

THE ULTIMATE TRADESMAN

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

NATIONAL CRAFT EXHIBITION

The **Wichita Center for the Arts** presents its *National All Media Craft Exhibition 2015*, Aug. 28-Oct. 18. Entry deadline is May 28, and \$7,500 in cash and prizes will be awarded. For info, visit the website: www.wcfta.com or call: (316) 634-2787.

NAKEDNESS

Las Laguna Gallery in Laguna Beach, CA hosts *Nakedness*, July 2-Aug. 1. This exhibit features portrayals of the nude human form, in all media. Entry deadline is June 13. For info, visit the website: www.laslagunagallery.com or call: (949) 667-1803.

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ARTISTRY IN WOOD

The 27th annual *Artistry in Wood* will be held Sept. 12-Oct. 18 at the Sonoma County Museum in Santa Rosa, CA. Sponsored by the **Sonoma County Woodworkers**, this exhibit is open to all woodworkers, with competition categories of *Furniture, Turning, Art, and Miscellaneous*. Entry deadline is Sept. 2, and judges will select category awards and *Best of Show*. For info, visit the website: www.sonomawoodworkers.com or call **Scott Clark**, (707) 578-0331.

LAX STUDIO FURNITURE EXHIBIT

In conjunction with the **Los Angeles Department of Cultural Affairs** and the **Los Angeles World Airports' Arts Exhibition Program**, a group of wood craftsmen is seeking high quality pieces for a studio furniture exhibition at Los Angeles International Airport. This showcase takes place in display cases in the Tom Bradley International Terminal, February-August, 2016. Submission deadline is Oct. 31 and is open to pieces primarily made of wood by Southern California makers. For info, visit the website: www.artfurniturelax.com or call **Stephen Courtney**, (310) 717-9178.

CONTEMPORARY SEATING

The **Center for Art in Wood** in Philadelphia, in partnership with **The Furniture Society**, is organizing an exhibition, showcasing contemporary seating, May 1-July 23, 2016. Having a basis in wood, work will include chairs, stools, and benches of all kinds—functional, sculptural, and conceptual. Entry deadline is July 3. For info, visit the website: www.centerforartinwood.org or call: (215) 923-8000.

CALIFORNIA SCULPTURE SLAM

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

VETERANS WITH DISABILITIES

The **Art Center of Corpus Christi** invites all Veterans with Disabilities/Wounded Warriors living in Texas to submit artwork, in all media, to the 6th annual *Distinguished Artist Veterans Exhibit*, Sept. 2-27. Entry deadline is July 16. For info, visit the website: www.artcentercc.org or call (512) 454-9912.

AMERICAN MADE SHOW

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

INTERNATIONAL TURNING EXCHANGE

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

OPPORTUNITIES

MATERIALS HARD & SOFT

The **Greater Denton Arts Council** hosts its 29th annual *Materials: Hard & Soft* exhibition, Feb. 6-Apr. 2, 2015, at its Center for the Visual Arts 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. The entry deadline is Sept. 5. For info, visit the web site: www.dentonarts.com or call: (940) 382-2787.

LINES INTO SHAPES

The **Art Center of Estes Park** in Estes Park, CO hosts its 19th annual *Lines Into Shape* exhibition, Oct. 30-Nov. 14. This multi-media show is accepting wood submissions in the *Sculpture & Wood* category. Entry deadline is Aug. 31, and \$4,000 in prizes will be awarded. For a prospectus, visit the web site: www.artcenterofestes.com or call: (970) 586-5882.

NORTHERN NATIONAL ART SHOW

Nicolet College Art Gallery in Rhinelander, WI presents the 28th annual *Northern National Art Competition*, July 18-Sept. 11. Open to all media, this show features 2-D wall art. Entry deadline is May 9, and \$8,500 will be awarded. For info, visit the website: www.nicoletcollege.edu/about/creative-arts-series/art-gallery/northern-national-art-competition/ or call: (715) 365-4556.

2015 CALIFORNIA OPEN EXHIBITION

The **TAG Gallery** in Santa Monica, CA hosts its *2015 California Open Exhibition*, Aug. 12-28. Open to all U.S. artists, work being accepted includes sculpture in all media. Entry deadline is June 26, and cash awards total \$1,750. For info, visit the web site: www.taggallery.net or call: (310) 829-9556.

POSSESSIONS: PRIZED & OTHERWISE

The **Attleboro Arts Museum** in Attleboro, MA hosts *Possessions: Prized & Otherwise*, June 24-July 23. Open to all media, this exhibit features work that we hold dear and the things we just plain hold. Entry deadline is May 15, and six \$100 awards will be presented. For info, visit the website: www.attleboroartsmuseum.org or call: (508) 222-2644 x13.

ALLIED ARTS ANNUAL SHOW

The **Allied Arts Association** in Richland, WA hosts its *Annual Juried Show*, June 30-Aug. 7. Open to all US artists, this exhibit features any traditional media, including wood. Entry deadline is June 6, and over \$2,000 in cash prizes will be awarded. For info, visit the website: www.alliedartsrichland.org or call (509) 378-8311.

HAWAII COMMITMENT TO EXCELLENCE

The **Honolulu Japanese Chamber of Commerce** seeks entries in all media for *Commitment to Excellence*, Aug. 11-19. This 37th annual art exhibit features works in all media by Hawaiian residents. Entries are being accepted on Aug. 3-4. 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 x3.

ART KUDOS

Art Kudos is an annual international juried competition that serves to recognize and honor excellence in the visual arts. Finalists receive a year-long exhibition and have the opportunity to win cash awards. Entry deadline is June 30. For info, visit the website: www.artkudos.com.

ESHERICK MUSEUM COMPETITION

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

CHENVEN PROJECT GRANTS

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

AMERICAS 2015 ALL MEDIA EXHIBIT

The **Northwest Art Center** at Minot State University in Minot, ND hosts its 20th annual juried exhibition, *Americas 2015 All Media Exhibition*, Aug. 25-Sept. 24. This competition features contemporary work in all media, limited to 60" in any direction. Entry deadline is June 1. There will be a color catalog of work, five cash and purchase awards, and *Best of Show* will receive a solo exhibition in 2016. For more info: www.minotstateu.edu/nac or call: (701) 858-3264.



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OPPORTUNITIES



David Marr
(San Diego, CA)
Art Nouveau/Deco Vanity
Olive, Macassar Ebony,
Pomele Sepele, Mahogany
(31" h, 50" w, 20" d)

Russ Fillbeck (San Diego, CA)
A Slice of Bryce
Maple bunyan, ebonized Walnut
(40" h, 35" w, 8" d)



Aaron Radelow
(Escondido, CA)
Tusk Table
Mahogany, Wenge, Ipe,
Satinwood, Emberwood
(35" h, 62" w, 19" d)

ESCONDIDO MUNICIPAL GALLERY

The **Escondido Arts Partnership** in Escondido, CA hosted the 6th annual *Wood: A Furniture Show*, Jan. 9-Feb. 7. Organized by **Brian Murphy** of Murphy's Fine Woodworking, this show featured handcrafted furniture—including contemporary, traditional, and art furniture—as well as veneering, marquetry, and turned wood by Southern California craftsmen.

Best of Show and *First Place in Design* was awarded to **David Marr** for his *Art Nouveau/Deco Vanity & Chair*, while **Aaron Radelow** won *Craftsmanship* for his *Tusk Table*. Other exhibiting craftsmen were **Randy Bader, William Bardick, Lee Covill, Russ Fillbeck, Rueben Foat, Brian Jackson, Amal & Shem McNew-McFinn Designs, Brian Murphy, Noah Murphy, David Ortega, Louis Plante, Nouveau Designs, and Craig Thibodeau.**

The prospectus for the 2016 exhibition will be available in the Fall. For information visit the website: www.escondidoarts.org or call Brian, (760) 743-6923.



Brian Jackson (Lakeside, CA)
Torchiere Table Lamp
Wormy Norfolk Island Pine shade,
Tulipwood base
(40" h, 18" w, 18" d)

OPPORTUNITIES



Craig Thibodeau (San Diego, CA)
Art Deco Puzzle Cabinet
Etimoe, Amboyne Burl,
Curly Sycamore,
Ebony, Maple Burl,
various marquetry woods
(34" h, 42" w, 18" d)



William Bardick
(Temecula, CA)
Zebra Wall Mirror
Zebra wood, ebonized/
textured Alder, Cocobolo
(36" h, 31" w)



Photo: Carolyn Abacherli

Brian Murphy
Escondido, CA)
California West Bow Arm Chair
Quartersawn Red Oak, fabric
(Chair: 40" h, 36" w, 41" d;
Footstool: 15" h, 17" w, 13" d)



Amal McNew
(Escondido, CA)
Sculpted Walnut Settee
Walnut, Ebony
(32" h, 44" w, 22" d)



Randy Bader
(Laguna Beach, CA)
Swing Time
Curly Maple, Walnut
(60" h, 13" w)

WHAT'S HAPPENING

AAW TO MEET IN PITTSBURGH

The 29th annual symposium of the **American Association of Woodturners** is taking place, June 25-28, in Pittsburgh, PA. This event offers over 40 featured demonstrators covering nearly 100 topics, a dozen panel discussions, various exhibitions, auctions, a trade show, and social activities. Showcase artists are **Kristin LeVeir** of Moscow, ID and **Helga Winter** of Port Townsend, WA. Early bird registration closes on May 22; advanced registration ends June 20. For info, visit the website: www.woodturner.org or call: (877) 595-9094.

ROCKY MOUNTAIN SYMPOSIUM

The 16th annual *Rocky Mountain Woodturning Symposium* will be held Sept. 18-21, at the Ranch/Larimer County Fairgrounds in Loveland, CO. Hosted by the **Rocky Mountain Woodturners**, participants can select from over 42 rotations, with featured demonstrators **David Ellsworth, Glenn Lucas, Betty Scarpino, Michael Roper, Sam Angelo, Vince Wilson, Janice Levi, Doug Schneider, Steve Sinner, Ron Day, and Al Mirman**. 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.

SWAT WOODTURNING SYMPOSIUM

The Texas woodturning clubs host their 24th annual *SWAT Woodturning Symposium*, Aug. 21-23, in Waco, TX. The second largest woodturning symposium in the U.S., this event features demos, vendors, an instant gallery, raffles, and a banquet. Lead demonstrators include **Dick Gerard, Joe Herrmann, Kurt Hertzog, Ed Kelle, Malcolm Tibbetts, and Derek Weidman**. Pre-registration deadline is Aug. 1. For info, visit the web site: www.swaturners.org.

LEGACY WOODWORKING OPEN HOUSE

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

PENTURNERS RENDEZVOUS

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

OLYMPIA WOODTURNING SYMPOSIUM

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

INTERNATIONAL CARVERS CONGRESS

The 49th *International Woodcarvers Congress* is being held June 13-21 at the Jackson County Fairgrounds in Maquoketa, IA. This event includes "the longest running, competitively judged, woodcarving art show in the United States" and carving seminars. For info, visit the website: www.awcltd.org/congress.html.

BREWSTER SOCIETY KALEIDOSCOPES

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

SEATTLE WOODEN BOAT FESTIVAL

The 39th annual **Lake Union Wooden Boat Festival** will be held July 3-5 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, and races. For info, visit the web site: www.cwb.org or call: (206) 382-2628.

FROGWOOD 2015

The **Pacific Northwest Woodturning Guild** hosts its 8th annual *Frogwood, 2015*, Aug. 19-23, in Gresham, OR. This collaborative event explores the fusion of woodturning with metalwork, textiles, and other art media and is geared to artisans with solid skills and a good sense of design. For info, visit the website: www.woodturningguild.com or call: **Jerry Harris**, (503) 244-6921.

PACIFIC HOME BUILDERS' SHOW

PCBC 2015, the premier West Coast homebuilding show, takes place June 24-25, at the Convention Center in San Diego, CA. For info, visit the web site: www.pcbc.com or call: (800) 956-7469.

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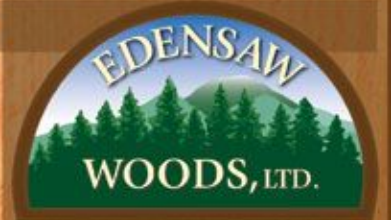
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HAPPENINGS

REGISTRATION OPENS FOR AWFS

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

WEEKEND WITH WOOD MAGAZINE

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

FURNITURE SOCIETY MEETING IN NC

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

ART BUSINESS INSTITUTE

The **Art Business Institute** presents *Accelerate Your Art Career*, May 30-31, at the Bullseye Glass Resource Center in Emeryville, CA. This course addresses the business aspects of an art career. For info, visit the website: www.artsbusinessinstitute.org or call: (410) 977-2915.

CARVING & CRAFT SHOWS

- May 2-3 *Capital Woodcarvers* at Scottish Rite Masonic Center, **Sacramento, CA**. For info: Kathi Gervais, (916) 783-5477.
- May 2-3 *Western Montana Woodcarvers* at County Fairgrounds, **Missoula, MT**. For info: Terry Porter, (406) 273-4219
- May 2-3 *Driftwood Sculpture Show* at Country Village, **Bothell, WA**.
- May 16-17 *Pikes Peak Whittlers* at Shrine Club, **Colorado Springs, CO**. For info: (719) 590-8694.
- May 16-17 *Great Plains Woodcarvers* at Cessna Activity Center, **Wichita, KS**. For info: Randy Landen, (316) 788-0175.
- May 30-31 *Santa Clara Valley Carvers Show* at Branham High School, **San Jose, CA**. For info: Rena Gooding, (408) 264-8918.
- June 12-13 *Woodcarvers World Show* at Union Multipurpose Activity Center, **Tulsa, OK**. For info: Flo Hancock, (918) 899-1946.
- June 13-21 *49th annual International Woodcarvers Congress* at Jackson County Fairgrounds, **Maquoketa, IA**. For info: Larry Yudis, (563) 676-8264.
- July 11-12 *Pacific Flyway Decoy Wildfowl Art Show* at Doubletree Hotel, **Sacramento, CA**. For info: Fritz Zanker, (530) 894-5951.

May-June, 2015



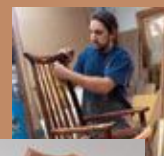
William Ng



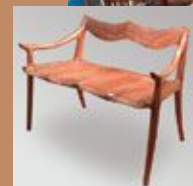
May 1-3
Making a Wooden
Hand Plane



May 4-8
Fundamentals of
Fine Woodworking



May 11-17
Building a Low Back Settee
with David A. Wade



June 8-13
Sculpted
Dining Chair

June 15-19
Joinery
Techniques



May 1-3
Wood
Turning



Jimmy Clewes



Robert Turnbull

May 4-8
Shaker Chair



June 3-7
Segmented
Turning



Malcolm Tibbetts

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Marsha Adams
Monte Vesuvio Credenza
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UTAH CREDENZA COMPETITION

The **Mod-a-go-go** gallery in Salt Lake City hosts themed competitions to showcase local wood craftsmen. The exhibition in March was *The Modern Credenza*, and the winner was **Marsha Adams** for her *Monte Vesuvio Credenza*, made of solid Madrona.

Not only was her credenza beautiful, but Marsha took the competition to a new level, by incorporating unconventional materials. The credenza, with sliding doors on all four sides, also includes two large river rocks, with a cutout in the top, adding an additional element of intrigue.

The gallery's next show is *Pets*, July 17, featuring pet-themed art work. The deadline for submissions is July 14. For information, visit the website: www.modagogo.com or call: (801) 355-3334. The showroom is located at 242 E. South Temple in Salt Lake City, UT.



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MORE HAPPENINGS

HANDWORKS

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

TOOL SWAP MEETS

- May 3 *Rocky Mountain Tool Collectors* at **Monument, CO**. For info: Steve Gosselin, (720) 338-4483.
- May 3 *Humboldt Antique Tool Auction*, **Humboldt, IA**. For info: Leroy Witzel, (515) 890-0262.
- May 16 *Pacific Northwest Tool Collectors* at Alki Masonic Hall, **Seattle, WA**. For info: Bill Racine, (503) 628-1488.
- May 16 *Tool Swap Meet* at Anderson Plywood, **Culver City, CA**. For info: John Arenson, (310) 397-8229.
- June 6 *Pacific Northwest Tool Collectors* at **Hillsboro, OR**. For info: Bill Racine, (503) 628-1488.
- June 13 *Old Tool Swap Meet* at Arroyo Hardwoods, **Pasadena, CA**. For info: (951) 686-5825.
- July 12 *Rocky Mountain Tool Collectors* at **Broomfield, CO**. For info: Steve Gosselin, (720) 338-4483.
- Aug. 2 *Old Tool Swap Meet* at Rockler Woodworking, **San Diego, CA**. For info: coffeeorganic@hotmail.com.
- Aug. 15 *Pacific Northwest Tool Collectors* at Alki Masonic Hall, **Seattle, WA**. For info: Bill Racine, (503) 628-1488.
- Aug. 15 *Rocky Mountain Tool Collectors* at **Albuquerque, NM**. For info: Jason Fink, (505) 768-3943.
- Aug. 15 *Tool Swap Meet* at Anderson Plywood, **Culver City, CA**. For info: John Arenson, (310) 397-8229.
- Aug. 22 *P.A.S.T. Summer Show* at Veteran's Building, **Sonoma, CA**. For info: Bob Valich, (707) 545-8812.
- Sept. 4-6 *Rocky Mountain Tool Collectors & Southwest Tool Collectors* at MCM Elegante, Albuquerque, NM. For info: Jason Fink, (505) 768-3943.

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DWELL ON DESIGN

Dwell magazine hosts **Dwell on Design**, May 29-31, at the Los Angeles Convention Center. This festival of modern design features an exhibition, design conference, home tours, and special events. Advanced registration deadline is May 25. For info, visit the web site: www.dwellondesign.com or call: (415) 373-5100.

DEMING LOGGING SHOW

The 53rd annual **Deming Logging Show** takes place June 13-14, just outside Deming, WA. This event includes a variety of log-related competitions, such as log sawing, pole climbing, log rolling, and axe throwing. There will also be exhibits, such as blacksmithing, and plenty of food. For info, visit the web site: www.demingloggingshow.com or call: (360) 592-3051.

TRUCKEE BUILDING SHOW

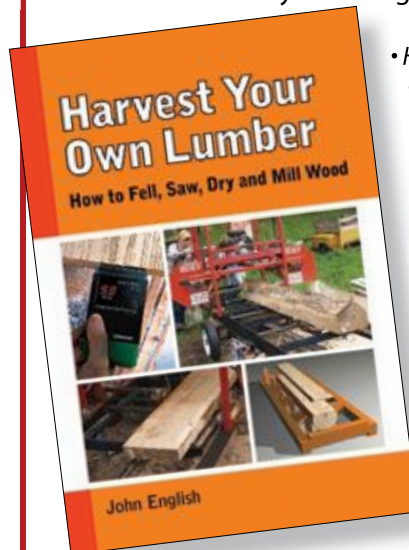
The 22nd annual **Truckee (CA) Building Show** takes place May 23-24 at Truckee High School in Truckee, CA. Besides exhibitors related to mountain home construction, seminars include various topics on *Green Building*. For info, visit the web site: www.truckeehomeshow.com or call: 530-587-3477.

NATIONAL HARDWARE SHOW

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ON EXHIBIT



Urbancase (Seattle, WA)
Darin Montgomery and Trey Jones
Walnut Sidebar, 2015
Walnut, Corian
(35 1/2" w, 42" w, 14 1/2" d)

Semigood (Seattle, WA)
Rian Cantilever Bench, 2008
White Oak, Danish cord
(17" h, 40 1/8" w, 16" d)



Photo: J Clifford Photography



Gamla Studio (Vancouver, BC)
Gamla for Gimli: Traveler, 2014
Black Walnut, brass, leather
(16" h, 26" w, 16" d)

BELLEVUE ART MUSEUM

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

The **Bellevue Art Museum** presents *The New Frontier: Young Designer-Makers in the Pacific Northwest*, thru Aug. 16. The Pacific Northwest is home to an inspiring population of young makers who are forging creative practices, based on untested economic models that hark simultaneously to pre-industrial craft production and to cutting-edge technologies. Driven by a need to create beautiful, functional objects—while recognizing that the world is full of beautiful, functional objects—these pioneers form ideas, locate resources, and utilize processes available to them on the frontier. This phenomenon, globally conscious but regionally based, represents the new creative economy.

The New Frontier presents works in various media, by young, locally-based designer-makers. Examining the materials, processes, and creative strategies that define their practices, the exhibition acts as a catalyst for the discussion of how objects and products are conceived and created here; who is making them; and how the field of local design is reflective of this unique region.

Among the 28 featured designer-makers are wood studios **Semigood** (Seattle, WA), **Gamla Studio** (Vancouver, BC), **Joel Sayre** (Seattle, WA), **Urbancase** (Seattle, WA), and **Knauf and Brown** (Vancouver, BC).



Joel Sayre
(Seattle, WA)
Tumblers, 2014-2015
Salvaged wood
(Dimensions vary)

Photo: Nathaniel Willson



Knauf and Brown
(Vancouver, BC)
Florist Chair, 2013
Birch plywood, water-based stain, polyurethane
(30 1/2" h, 18" w, 20 1/4" d)

Photo: Knauf and Brown

ON EXHIBIT

AAW GALLERY OF WOOD ART

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

The Gallery of the **American Association of Woodturners** presents *Creativity in Construction*, thru June 14. This 9th annual *Professional Outreach Program (POP) Exhibition* features small-scale works, using more than one material, by studio woodturners from around the world (see pages 40-41).

ART AT THE SOURCE

Sonoma County, CA (707) 829-4797

Artists in West Sonoma County open their studios to the public, June 6-7 and 13-14. Among the 160 participating artists are turned wood artists **Paul Feinstein, Jerry & Deborah Kermode, and Chuck Quibell**. A preview exhibition takes place, May 21-June 14, at the Sebastopol Center for the Arts.

ART CENTER COLLEGE OF DESIGN

1700 Lida St., Pasadena, CA (626) 396-2200

The Alyce de Roulet Williamson Art Gallery hosts *The Art of Seating*, June 20-Aug. 15. This exhibition surveys 200 years of American design, examining the chair as a functional and sculptural item. The selected 40 pieces from the Jacobsen Collection of American Art include works by **John Henry Belter, George Hunzinger, Herter Brothers, Stickley Brothers, Frank Lloyd Wright, Charles & Ray Eames, Isamu Noguchi, Frank Gehry**, and others.

ARTWOOD

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

Artwood features woodworking by **Ray deVries** in May, and *New Work* by the gallery's woodworking artists in June.

BURKE MUSEUM

17th Ave., NE & NE 45th St., Seattle, WA (206) 543-5590

The Burke Museum of Natural History and Culture presents *Here & Now: Native Artists Inspired*, thru July 27. The exhibit features 30 new works by contemporary Native artists, paired with historic pieces from the Burke Museum that artists identified as key to their learning.

CENTER FOR VISUAL ARTS

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

The Meadows Gallery presents *Woodturning: Traditional to Modern*, June 12-July 24. This exhibit features work by member's of the **Golden Triangle Woodturners**.

COTTONWOOD ART FESTIVAL

1321 W. Belt Line Rd., Richardson, TX (972) 744-4582

The 46th annual *Spring Cottonwood Art Festival* will be held May 2-3. This juried show features work of over 240 artists, working in various media.

CRAFT ALLIANCE

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

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

DALLAS CONTEMPORARY

161 Glass St., Dallas, TX (214) 821-2522

The Dallas Contemporary features **Anila Quayyum Agha's** *Intersections*, thru Aug. 23. This 6.5-foot laser-cut plywood cube—which won the \$500,000 *ArtPrize* competition in Grand Rapids, MI last Fall—casts an Arabic design shadow around the gallery when lit from inside. Pictures of this sculpture appeared in the last two issues of *Woodworker West*.

DALLAS MUSEUM OF ART

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

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

DE YOUNG MUSEUM

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

The de Young Memorial Museum presents *Embodiments*, thru July 5. On display are 120 works of African figurative sculptures.



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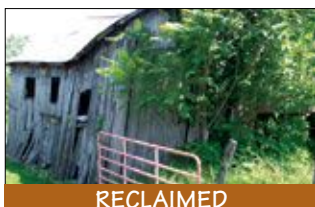
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DEL MANO

www.delmano.com (800) 335-6266

del Mano Gallery features *Wood Turning* by **Keith Burns**, May 9-June 6, while *Boxes - Boxes - Boxes* will be an invitational box show, June 5-July 11.

DEL MAR COLLEGE

Corpus Christi, TX (361) 698-1216

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

DENVER PERFORMING ARTS COMPLEX

1101 13th St., Denver, CO (303) 330-8237

The Denver Performing Arts Complex hosts its 17th annual *Downtown Denver Arts Festival*, May 22-24. Among the 100 artists participating are woodworkers **Randy Blunt**, **Paul Namkung**, **David Rc**, **Jeffrey Seaton**, and **Steve Smith**.

DENVER MUSEUM OF ART

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

The Denver Art Museum presents *All That Glistens: A Century of Japanese Lacquer*, thru Sept. 27. The exhibit features 30 artworks, revealing the versatility of lacquer as a medium used by Japanese artists to create containers, trays, plaques, braziers, and screens. In addition, *Depth & Detail: Carved Bamboo from China, Japan & Korea*, runs thru Sept. 30.

DESERT BOTANICAL GARDEN

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

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

EL DORADO ARTS & CRAFTS

El Dorado, NM (505) 466-6245

The El Dorado Arts and Crafts Association hosts its *2015 Open Studios*, May 16-17. 89 artists will be showcasing work in painting, ceramics, drawing, fiber, glass, jewelry, oil, photography, printmaking, sculpture, wood, digital, fiber, and recycled art.

FIGGE ART MUSEUM

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

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

FOREST HERITAGE CENTER

Broken Bow, OK (580) 494-6497

The Forest Heritage Center hosts *Master Woodworking Artist of the Year Exhibit*, thru May 3. This juried show features art by 18 wood artists from throughout the region.

GALLERY M

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

Gallery M will feature **Matthew Werner** in May and **Joe Kovacs**



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in June. Matt will be displaying a variety of wall clocks, showing his marquetry versatility from classical to whimsical. Joe will be showing some pieces from his new furniture accessory line and a number of his oriental-influenced boxes.

GRACE HUDSON MUSEUM

431 S. Main St., Ukiah, CA (707) 467-2836

The Grace Hudson Museum presents *Modern Twist: Contemporary Japanese Bamboo Art*, May 30-Aug. 30. This exhibition explores innovations in bamboo art since the mid-twentieth century

GUARDINO GALLERY

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

The Guardino Gallery features carved wood by **Stephanie Brockway**, thru May 26 and wood sculpture by **Thomas Soule**, June 25-July 28.

HIGHLIGHT GALLERY

45094 Main St., Mendocino, CA (707) 937-3132

The Highlight Gallery presents *Fine Furniture 2015*, May 9-18. On display will be new work by students and teachers from the **College of the Redwoods Fine Woodworking Program** in Fort Bragg, CA.

HOUSTON CENTER FOR CRAFT

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

The Houston Center for Contemporary Craft (HCCC) presents *Dining & Discourse: A Discussion in Three Courses*, thru May 10. This exhibition looks critically at the intrinsic relationship between craft and dining, featuring 27 emerging and mid-career artists working in wood, glass, ceramics, fiber, metal, and mixed media. *Crafting A Continuum: Rethinking Contemporary Craft* is on display, May 29-Aug. 29. This exhibit highlights 100 objects from the Arizona State University Art Museum craft collection, in wood, ceramic, and fiber.

IRVING ARTS CENTER

3333 N. MacArthur Blvd, Irving, TX (972) 252-7558

The Irving Arts Center presents *Our Fragile Home*, thru July 5.

Artist **Pat Musick** and her husband, retired Apollo and Skylab Astronaut **Gerald P. Carr**, collaborate on mixed-media sculptures (constructed from paper, steel, bronze, alabaster, stone and wood) and wall hung art. These pieces convey the space traveler's feelings about the vulnerability of Earth, and the incredible forces exerted upon it.



Pat Musick and Astronaut **Gerald P. Carr's** commentary on *Our Fragile Home*

LAGUNA ARTS 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 *Sawdust Festival* and *Art-A-Fair* are being held June 26-Aug.30, while the *Festival of the Arts*, with its *Pageant of the Masters* presentation takes place July 5-Aug.

31. All three shows are multi-media exhibitions; the *Sawdust Festival* includes 14 wood artists, the *Art-A-Fair* has woodwork by **Michael Crook** and **Leonard Duarte**, and the *Festival of the Arts* features nine wood artists. For info: *Festival of the Arts*: (949) 494-1145, *Sawdust*: (949) 494-3030, and *Art-A-Fair*: (949) 494-4514.

LAKE OSWEGO FESTIVAL OF THE ARTS

George Rogers Park, Lake Oswego, OR (503) 636-1060

The 52nd annual *Lake Oswego Festival of the Arts* takes place June 26-28. The *Fine Arts Craft Faire* component features the multi-media work of 110 artists, including several woodworkers.

LONG BEACH MUSEUM OF ART

2300 E. Ocean Blvd., Long Beach, CA (562) 439-211

The Long Beach Museum of Art continues *Small Treasures*, thru May 31. This show features rarely seen objects in ceramic, glass, metal, and wood.

L.A. COUNTY ART MUSEUM

5905 Wilshire Blvd., Los Angeles, CA (323) 857-6000

The Los Angeles County Museum of Art continues *Ritual Offerings in Tibetan Art*, thru Oct. 3. Among the religious objects are furniture, including an *Offering Cabinet* (for holding offering cakes) embellished with auspicious symbols and gruesome motifs emblematic of the particular protective deity being invoked.

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L.A. CRAFT & FOLK ART MUSEUM

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

The Craft & Folk Art Museum presents *Art and Other Tactics: Contemporary Craft by Artist Veterans*, May 24-Sept. 6. Among the multimedia artists, who have previously served in American military conflicts, is woodworker **Jeremiah Holland**.

MALOOF HISTORIC RESIDENCE

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

The Sam and Alfreda Maloof Foundation for Arts and Crafts presents *California Handmade: State of the Arts*, June 7-Jan. 2. This exhibit features more than 80 multimedia California artists, including woodworkers **Garry Knox Bennett, John Cederquist, Reuben Foat, Matthew Hebert, Barbara Holmes, Bill Hunter, Mike Johnson, Christine Lee, Laura Mays, Yvonne Mouser, Wendy Maruyama, Brian Newell, Christy Oates, Darrick Rasmussen, and David Wiseman**.

MARIN ART FESTIVAL

Civic Center, San Rafael, CA (415) 388-0151

The *Marin Art Festival* will be held June 15-16. This show features over 200 artists, including woodworkers **Greg Aanes, Tom Beebe, Tyler Chartier, John Finch, Benny Goodman, John Moldovan, Timothy & Rosemary O'Brien, and Charles Quibell**.

MAUI ARTS & CULTURAL CENTER

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

The Maui Arts & Cultural Center hosts the 37th annual *Art Maui*, thru May 3. This show features an eclectic multi-media mix, including woodwork by **Derek Bencomo, Scott Henry Buettner, Tom Calhoun, Todd Campbell, Wayne Omura, Milton Rollins, John Strohbehn, and Larry Zolezzi**.

NASHER SCULPTURE CENTER

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

The Nasher Sculpture Center presents a major exhibition of the work of British sculptor **Phyllida Barlow**, May 30-Aug. 30. Phyllida employs wood and other materials in extraordinary, monumental, ramshackle, hand-built structures that expound a dizzying array of novel sculptural forms.

NEW MEXICO ARTS & CRAFTS FAIR

State Fairgrounds, Albuquerque, NM (505) 884-9043

The 54th annual *New Mexico Arts & Crafts Fair* showcases over 220 of the state's finest craftsmen, June 26-28. Exhibitors will conduct demonstrations, and an auction of juried work benefits local charities.

NORDIC HERITAGE MUSEUM

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

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

NW WOODWORKERS' GALLERY

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

The Northwest Woodworkers Gallery presents its 7th annual *Rising Star Furnituremakers*, thru May 31. The show features Northwest emerging studio artists, who have not previously exhibited in the gallery. Running from, May 1-June 30 is *Dual Fluidity*. This show features a variety of wall-hung art by **Stephen Hatcher** and **Jay Shephard**.



Stephen Hatcher's *Forest Light* (15 1/2" h, 24" w, 1" d)—made of reused woods, mineral crystals, resin, and colorfast dyes on plywood—are among the pieces on display in *Dual Fluidity*.

OGDEN NATURE CENTER

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

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



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PASADENA CONVENTION CENTER

300 E. Green St., Pasadena, CA (310) 285-3655

The *Contemporary Crafts Market* celebrates its 30th anniversary, June 5-7. This show features over 250 artists working in wood, ceramics, jewelry, glass, and fiber, including 2-dozen woodworkers.

S.F. MUSEUM OF CRAFT+DESIGN

2569 Third St., San Francisco, CA (415) 773-0303

The San Francisco Museum of Craft + Design presents *Hands Off: New Dutch Design at the Confluence of Technology & Craft*, May 9-Sept. 13. This exhibit examines Dutch design and its influence on the global future of contemporary art, craft, and design.

SAN FRANCISCO AIRPORT MUSEUMS

San Francisco Airport, San Francisco, CA (650) 652-2272

The San Francisco Airport Museums present *The Tushanwan Pagodas: Models from the 1915 Panama-Pacific International Exposition*, thru Oct. 25 on Level 3 Pre-Security of the International Terminal. On display are a sampling of the hand-carved models of extant pagodas that were exhibited in the Chinese Pavilion at the exposition.

Life and Style in the Age of Art Deco, is being shown thru Aug. 15, in Terminal 3. This exhibition features both high style and utilitarian items that evoke Art Deco.

SAN LUIS OBISPO MUSEUM OF ART

1010 Broad St., San Luis Obispo, CA (805) 543-8562

The San Luis Obispo Museum of Art presents *Four Fine Craft Artists and Their Inspirations*, thru May 31. On display is work by **Larry Le Brane**, **Barry Lundgren**, **Toni Bouman**, and **Ann Bonestell** in fused glass, wood, textiles, and found objects.

SCOTTSDALE CONTEMPORARY ART

7374 E. 2nd St., Scottsdale, AZ (480) 994-ARTS

The Scottsdale Museum presents *MetaModern*, May 30-Aug. 30. This exhibit features contemporary artists taking a modern interpretation to iconic mid-century furnishings.

SEATTLE ART MUSEUM

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

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

SEBASTOPOL CENTER FOR THE ARTS

282 S. High St., Sebastopol, CA (707) 829-4797

The Sebastopol Center for the Arts presents a preview of artists participating in *Art at the Source*, May 21-June 14. Among the 160 participating artists are turned wood artists **Paul Feinstein**, **Jerry & Deborah Kermode**, and **Chuck Quibell**.

SONOMA VALLEY MUSEUM OF ART

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

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

SPIVA CENTER FOR THE ARTS

222 W. 3rd St., Joplin, MO (417) 623-0183

The George A. Spiva Center for the Arts hosts *Tools in Motion*, thru

Nov. 4. This is an exhibit of 47 witty, light-hearted works of everyday tools and hardware from the Hechinger Collection.

STONINGTON GALLERY

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

The Stonington Gallery presents *Masters of Disguise: On Masks & Faces*, June 4-28. This exhibit features a myriad of masks, created by various artists in the Pacific Northwest.



Larry Ahvakana
*Loon Female Singer
Spirit Mask*
Red Cedar
(22" h, 26" w, 15" d)

VESTERHEIM MUSEUM

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

The Vesterheim Norwegian-American Museum presents the *National Exhibition of Folk Art in the Norwegian Tradition*, thru July 26. On display is Rosemaling, weaving, woodworking, and knifemaking by contemporary craftsmen from throughout Norway.

WHATCOM MUSEUM OF HISTORY & ART

121 Prospect St., Bellingham, WA (360) 778-8930

The Whatcom Museum presents *Bellingham National 2015*, May 30-Sept. 13. This national exhibition features 2D and 3D work in all media.

ZINC DETAILS

1633 Fillmore St., San Francisco, CA (415) 776-2700

The Zinc Details presents *Handmade/Mindmade*, May 21-27. On display will be new work by students from the **College of the Redwoods Fine Woodworking Program** in Fort Bragg, CA.

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ORGANIZATIONAL NEWS

A complete list of woodworking clubs in the West can be found at the *Woodworker West* website: www.woodwest.com. Carving club events are also listed on page 23. Clubs can e-mail listing information to: editor@woodwest.com.

ALASKA

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

ARIZONA

The **Prescott Area Woodturners** will have a demo by **Kirk Deheer**, June 13. For info: www.prescottareawoodturners.com.

CALIFORNIA

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

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

The **Channel Island Woodturners** will demo at the *Ventura County Fair*, July 30-Aug. 10. www.channelislandswoodturners.org.

The **Gold Country Woodturners** will have a demo and class with **Soren Berger**, June 27-28. For info: www.goldturners.com.

The **Mendocino Coast Furnituremakers** will hold their annual show at Odd Fellows Hall in Mendocino in July. For info: www.mendocinofurniture.com.

The **NorCal Woodturners** will have a demo with **Jason Breach**, May 19. For info: www.norcalwoodturners.org.

The **Orange County Woodturners and Woodworkers** will demo at the *Orange County Fair* in Costa Mesa, CA, July 17-Aug. 16. For info: www.ocwoodworkers.org.

The **San Diego Woodturners** will have a demo and workshops with **Guilio Marcolongo**, May 23. For info: www.sdwat.org.

San Diego County wood clubs will demo at *San Diego County Fair's Design in Wood* exhibit in Del Mar, June 5-July 5. For info: www.sdfair.com.

The **Silicon Valley Woodturners** will have a demo with **Jason Breach**, May 24. For info: www.norcalwoodturners.org.

The **West Bay Area Woodturners** will show work at the *Santa Clara Carvers Show* at Branham High School in San Jose, May 30-31. For info: www.westbaywoodturners.com.

COLORADO

The **Front Range Woodturners** will have a demo and class by **Guilio Marcolongo**, May 5-6. For info: www.frontrangewoodturners.org.

The **Grand Valley Woodturners** will have a demo/class with **Jimmy Clewes**, June 20. For info: www.grandvalleywoodturners.com.

The **Rocky Mountain Woodturners** will have a demo and workshop with **Guilio Marcolongo**, May 9-12, and a demo by **Neil Turner**, June 4. For info: www.rmwat.org.

HAWAII

The **Honolulu Woodturners** will have a demo and workshop with **Guilio Marcolongo**, June 6-7. For info: www.honoluluwoodturners.org.

The **West Hawaii Woodturners** will have a demo and workshop with **Guilio Marcolongo**, June 13-14. For info: www.westhawaiiwoodturners.org.

OKLAHOMA

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

OREGON

The **Cascade Woodturners** will have a demo/class with **Soren Berger**, June 19-20. For info: www.cascadewoodturners.com.

The **Willamette Valley Woodturners** will have a demo/workshop with **Soren Berger**, June 19-20. For info: www.willamettevalleywoodturners.com.

TEXAS

The **Gulf Coast Woodturners** will have their **Spring Retreat**, May 9-10. For info: www.gulfcoastwoodturners.org.

The Texas turning clubs come together for their 24th annual *SWAT Woodturning Symposium*, Aug. 21-23, in Waco, TX. For info, visit the web site: www.swaturners.org.

UTAH

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

WASHINGTON

The **Northwest Corner Woodworkers** will show members' work at the *Cascade Mall*, June 20-21. For info: www.ncwawood.org.

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



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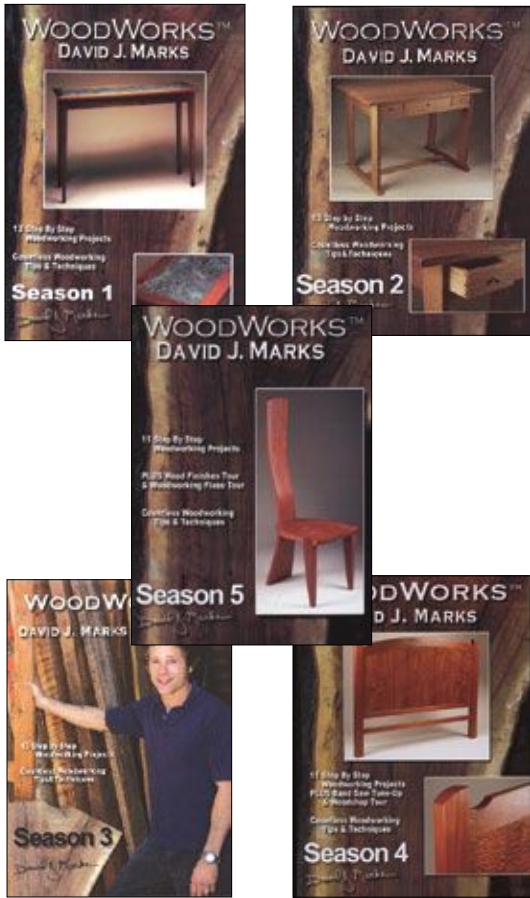
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Wood Carving—Bird
Wood Carving—Marine
Wood Carving—Open

*Fair closed June 8, 9, 15, 16, 22, 29

From David Marks Studio

Answering Reader's Questions

by David Marks



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

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

David has released his 2015 teaching schedule:

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

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

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

1. Applying a Durable Lacquer Finish Over an Oil Finish: *This is a follow-up to your last article on finishing. For high traffic areas, does it make any sense in spraying a protective lacquer finish, after applying the hand rubbed Linseed and Tung Oil finish. It seems that would be the best of both worlds. Ron*

David's Answer: Yes, sometimes I will apply lacquer over a hand rubbed oil finish, in order to get the depth and beauty that the slow drying oil/varnish blend brings out while gaining the protective properties of lacquer.

I proceed in the usual manner of sanding the wood to 320, then applying the General Finishes Seal-a-Cell as the first coat. I want to emphasize that you need to really rub hard and get all of the extra finish off of the surface so that it dries in the wood, not on the wood.

I let the first coat dry overnight in my heated drying room at 75°. Woodworkers who have a garage shop can create a small or large drying room by using some 2 x 4's to frame in the area that they need and then staple 4 mil plastic sheeting to the wood frame. Sealing the edges with duct tape will help trap the heat inside.

I use an electric oil filled heater to keep my room warm at 75°. They only cost about \$50 and run a couple of dollars per day to use.

The next day, I rub the surface hard with 0000 steel wool. I prefer the Liberon brand, which is more consistent, without oil in the steel wool fibers.

After blowing the dust off with compressed air, I apply a coat of General Finishes Arm-R-Seal, which has urethane in it. This finish dries faster and if the resins start to set up on the surface, then I apply a little more oil, which will dissolve the sticky residue allowing me to wipe and buff the surface clean and dry. Once again, I must emphasize the need to rub hard enough to remove all of the finish from the surface so it appears to be dry. In reality, there is still enough finish there that has soaked into the fibers of the wood to create a soft sheen.

This coat needs to dry for a minimum of 3 days, preferably a week. After this, I will pad on a thin coat of shellac. I have had success mixing my own, or simply using the Zinsser Bulls eye 100% wax free Universal sanding sealer.

The shellac will bond to any finish, and any finish will bond to the wax free shellac, so it is the perfect intermediate coat to make incompatible finishes compatible.

After the shellac has dried overnight, then I will proceed to the lacquer finish.

The primer for lacquer is sanding sealer. Sanding sealer has stearates in it to soften it and make it sand easier. Sanding sealer should never be applied in thick coats. One or two coats thinned

with lacquer thinner is all you need. The sealer helps the lacquer bond better to the surface.

I prefer to use a vinyl sanding sealer, which is more water resistant than regular sanding sealer. Two thin coats should be enough, followed by very light sanding with 320 grit paper.

You need to apply the lacquer within a certain window of time to get a good bond to the sealer. So, make sure you read the directions on the can for best results. I would say, as a general rule, apply the lacquer after the vinyl sanding sealer has set for about two hours.

I build all of my coats of lacquer with gloss lacquer, which will give you maximum clarity as well as maximum hardness.

You can get good protection with just a few coats of lacquer, or you can sand it at 320 grit and keep shooting more coats. The more you sand and shoot, the more the grain will become filled in, and you will be on your way to a "Piano finish," if you apply 15-20 coats of lacquer.

The so-called piano finish refers to a "glass like" surface. This means shooting no more than 3 coats per day and light sanding in between coats to help fill the pores, as well as scuffing the surface so that the solvents can evaporate faster.

Eventually you will have a smooth finish that will need to harden for two weeks to a month, before wet sanding and rubbing out to a mirror reflection.

Lacquer finishes will shrink as they cure, so be advised to test your coats by seeing if you can dent the finish with your fingernail. If you can, then wait until you can't dent the surface with light pressure before going on to the next coat.

Chemists are constantly changing their formulas, so I always recommend doing your test samples on small pieces of wood (I make sample boards 4" wide by 12" long x 1/4" thick). I highly recommend writing your notes on the back and dating each coat that you apply. Be as scientific as possible to help ensure the best results.

Ancient Egyptian-Inspired Table — New Free Video Released!

In my *Woodworker West* article in the September, 2014 issue, I mentioned my visit to the *Tutankhamun* exhibition in San Francisco in the 1979, and how impressions from the show were later incorporated into my *Ancient Egyptian-Inspired Table*, built in 1991.

This piece features an incredibly rare figured Quilted Honduras Mahogany, with an amazing 3-dimensional grain pattern (sometimes referred to as reptilian figure). The Mahogany veneer was sliced to $\frac{3}{32}$ " thickness and glued up on top of a substrate of high quality Baltic Birch plywood. The bottom of the substrate was also veneered, using straight grain Mahogany. The sides were bentwood laminations, joined to realistically carved duck heads with concealed mortise & tenon joinery.

The ancient Egyptian influence is reflected in the gold leaf on the rings and crossbars, lapis lazuli on the ends of the bars, and Ebony and Walrus ivory inlaid into the hand carved duck heads.

The project took approximately 800 hours of labor and won *Best in Show* at the 1991 *Artistry in Wood* exhibition at the Sonoma County Museum in Santa Rosa, CA and was published in *Fine Woodworking Design Book 6*, as well as in several other publications.

As a result of interest in this early piece, I produced a video—further explaining the inspiration, materials, and construction techniques in further detail—and posted it on my website for free access at: www.djmarks.com/free-videos/.

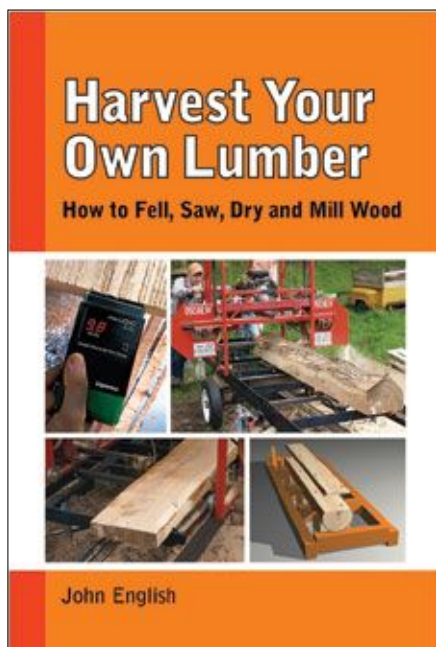


Ancient Egyptian Inspired Table (1991)
Mahogany, gold leaf, lapis lazuli, ivory, Ebony,
(16" h, 71" w, 18" d)

Tools and Techniques

Understanding Drying Lumber

by John English



John English of Belle Fourche, SD has authored his 11th book, *Harvest Your Own Lumber*. It is a concise and invaluable reference that provides easy-to-follow guidelines and critical advice for every step of harvesting and converting your own lumber.

In today's artisanal, hands-on, and environmentally conscientious landscape, there are many reasons to harvest your own lumber: the desire to have just the right wood for a project, home renovation, or artistic pursuits; a sentimental attachment to a specific tree; a refusal to see a beautiful resource hauled to the dump or burned; or the need to make some quick cash or save a few bucks.

To successfully harvest lumber or even work with wood, you need to understand the essential steps, especially moisture content. This article is excerpted from *Harvest Your Own Lumber*, copyright 2014, with permission of Linden Publishing. This book (160 pages, 250 color illustrations, \$18.95) is available at your local or on-line booksellers or directly from Linden Publishing. For more information visit the website: www.woodworkerslibrary.com.

John was the editor of *Woodworker's Journal*, and has written extensively for many of the major woodworking magazines. He currently writes for *Woodshop News* and runs a small publishing house, **BHSW Inc.**, www.bhsw.org.

All wood contains some moisture. People new to the harvesting process are amazed at the high levels of water in wood. A freshly cut Oak board in the Midwest, measuring just 1" x 6" x 8', will have about a gallon of water in it. Oak is about 65% to 70% moisture content when felled. A thousand board feet of green Oak weighs roughly 2 1/2 tons, and the same load dry to 6% is about 1 1/2 tons. So, when the lazy neighbor who is helping you starts complaining that the wood "weighs a ton," you can honestly tell him that's just water weight gain.

WHY DRY?

Boards need to be dry because they expand and contract across their width. (There is negligible movement in length.) The wetter they are, the more they move. And the more they move, the more they twist, cup, warp, bend, and crack.

Back in the summer of 1998, I built a workbench for an article in *Woodworker's Journal* magazine (it was on the cover of the August issue that year). As seen below, the Maple top is 29 1/2" wide. Over the past 15 years, it has moved across its width with the changing of every season.

The end-cap is attached on the right with two bolts to anchor it. But the other five bolts are in slots, to allow the top to move. The bench was built in the summer in Minnesota, and the end-cap was flush with the side of the bench. The following winter, when the furnace had dried the air in the workshop, the top had shrunk to the black line shown in the detail photo. Remember that wood moves across its grain, but the movement along the grain



The top on this 15-year-old Maple workbench still moves about 1% a year with changes in humidity.

is negligible. Here, the worktop moved, but the end-cap didn't. The movement is about $\frac{5}{16}$ ", or just a little over 1% of the worktop's width. This was kiln-dried, 7% moisture-content Maple that is about as stable as wood gets, and it's top-coated with several layers of finish, yet it still moved up to 1% across the grain and continues to move some, a decade and a half after it was dried.

If this Maple had not been dried, it would have been at about ten times the dried moisture level when it was felled, four times the level when the free water had evaporated, and the bound water would have perhaps dried to 12% ambient in Minnesota. Those terms will all be explained shortly, but the bottom line is that this bench top could have moved several times as much as it did, it could most definitely have warped and split along the way, and the glue joints could have failed. As it is, the top has remained relatively flat all these years, thanks to a kiln and a little basic engineering.

We need furniture and cabinet doors and workbenches to remain stable. And that's why we dry.

WHAT'S THIS ABOUT PERCENTAGES?

The Maple in the workbench was at 7% MC (moisture content) after it was kiln dried. The industry measures moisture in terms of the weight of the water expressed as a percentage of the weight of the wood. For example, imagine a board that would weigh 50 lbs. without any water in it. If that board had been allowed to air dry for a couple of years, it would reach ambient humidity. That is, it would acclimate to its surroundings and have about the same level of moisture as the air around it. That would be somewhere in the neighborhood of about 10–12%, depending on elevation, the time of year, and several other factors. Humidity varies greatly with location and seasons. Think of Seattle in late spring and Death Valley in the fall. If it had been dried in a kiln, it would probably be at around 6% in most parts of the country. At just 6%, there will still be 3 lbs. of water in the board, for a total of 53 lbs. The water weighs 6% of the net total that the lumber weighs.

This number is important if you're going to ship or haul your lumber, because fresh logs can have as much as 100% moisture levels (and on rare occasions even more, where the water weighs more than the wood). If you hire a truck to move your lumber, you can only load a fraction of the weight that you could legally carry if the timber was completely dry. In Spring, lots of rural roads have even more restrictive laws, because the ground under the road is wet and can be easily damaged.

The weight of the water is also important because lumber tends to misbehave starting at about 9% moisture. It splits, warps, bends, and generally has a mind of its own. If the moisture isn't evenly distributed

(and the center of a board is generally wetter than the surfaces), this can play havoc with the wood when the water expands as it heats up during the day, and then contracts as it cools at night.

One of the most confusing aspects of all this water in wood is that it exists in two states. Free water is liquid in the cell voids, and bound water is liquid that has settled in the fibrous walls of the cells. The free water evaporates rather quickly (bringing the wood to a state called fiber saturation), and that will bring the board's moisture content down to something in the range of 25% to 30%. However, it's only when the drying process starts removing bound water that the wood actually starts to shrink.

In the eastern Rockies, a lot of the softwoods harvested are kiln dried for just days instead of weeks, eliminating the free water and leaving most of the bound water. This dramatically reduces the shipping weight, and it also avoids mold and staining. This lumber is destined to become studs and trusses and treated landscape timbers. The dimension lumber (1x and 2x boards) is allowed to dry in transit, or in storage at the lumberyards, and for the most part they do. Some twist and crack and do other impolite things, but the vast majority of framing lumber is pretty stable by the time a carpenter buys it. Treated lumber is soaked in chemical baths, and then dried again.

Hardwood doesn't usually like this way of doing things. It needs to be dried longer (usually about a month for most species), in very controlled conditions, and brought down to 6% to 8% moisture. Left outside after drying, it will eventually re-absorb some moisture and settle somewhere around 10% to 12%, if it's covered. Stored indoors in a controlled environment, it will remain closer to 8%.

The thickness matters, too. 12/4 boards will actually take longer than three times as much kiln time as 4/4 boards to dry properly. That's because it's a geometric progression—it takes the heat longer to penetrate thicker boards and it slows down the farther it goes. It also takes moisture longer to travel to the surface and evaporate. Kilns control not only the heat, but also the humidity of the drying environment.

WORKING WITH PEG

PEG (Polyethylene Glycol) is a chemical compound used to stabilize green (wet) wood. It's a liquid polymer (in layman's terms, a polymer is a large molecule with a wide range of properties) that actually has numerous commercial uses (like filling paintballs). In woodworking, PEG usually comes as a white, waxy, paintable liquid.

When applied to green, freshly harvested wood, it reduces dimensional instability, as the lumber dries. When the ends of boards or small logs are soaked in a solution of PEG (the manufacturer's instructions will indicate how much water, if any, needs to be added),

the wood shrinks a lot less than it would otherwise. The huge molecules in PEG replace water molecules. PEG is most popular with woodturners, who constantly fight the effects of drying because they use wood in much larger dimensions than furniture builders or cabinetmakers. That is, they use blocks, rather than boards. End grain treated with PEG also works better with tools than simple, air-dried stock. However, shellac, lacquer, varnishes and oils all have an aversion to the waxy texture of PEG, and they don't like to stick to it. Danish oils don't seem to have this same characteristic, and they stick rather well to wood treated with PEG.

HUMIDITY

When a meteorologist on television talks about how humid tomorrow will be, he/she is expressing moisture levels on a scale called relative humidity. This measures the current absolute humidity as a percentage of the highest possible absolute humidity. In other words, how much moisture is in the air now compared to how much moisture the air could possibly hold at its wettest.

Boards, on the other hand, are only concerned with the actual amount of water in the air (absolute humidity), and temperature is only a factor for them because of its effect on that level of moisture.

Lumberyards that store dried wood inside a building, even one without temperature and humidity controls, are a better option than sawmills that store it outdoors, as the temperature and humidity swings are less extreme indoors. If possible, store your lumber in a garage, barn, or outbuilding. You probably shouldn't keep air-dried lumber in the basement, as it may still have critters on board.

Beyond movement, there are lots of other reasons to dry boards. The heat in a kiln will kill insects. Drying locks in color. Dry lumber is stronger than green. To understand that, just think about the traditional steam method used to bend wood. It introduces moisture, to reduce rigidity. Lumber that has been dried properly sells for a lot more than green wood. If you're harvesting more timber than you'll convert into usable boards, this can be a big part of the equation. There may be enough profit in the excess to pay for the entire harvesting process.

DRYING METHODS

Drying can be done in two ways, mechanically and naturally. Mechanical methods include kiln drying in a solar, gas, wood or electric oven. Natural drying means that the wood is "seasoned", or allowed to find stability at the same level of moisture as the air around it.

Air Drying: Seasoning generally takes place outdoors, where the lumber is stickered under a shed roof or some plastic, and allowed to air dry. Stickered means that small sticks are placed at regular intervals to

create space between the boards, so that air can move across all of the surfaces and collect evaporating moisture as it travels. If the sticks are not of the same species as the boards, they can sometimes leave *Sticker Stains* or *Shadow Marks*, where chemicals in the two species react with each other.

If you have access to a forklift, start your stickered piles on a pallet and they'll be a lot easier to move. Whether you are air-drying or kiln drying, lay down some plastic (poly) on the floor/ground before building stacks. This will help prevent the bottom boards wicking up moisture from below. On top of the plastic, start your piles on pallets or on 2x4s lying on edge, and use shims underneath the 2x4s to make their top surfaces flat. If the pile starts out uneven, then the boards will dry into that shape. Support the boards about every two feet with stickered. Large commercial kilns will often sticker the freshly sawn boards outdoors (rather than in the limited confines of the drying chamber), and then use a forklift to load the kiln.

Air drying relies on both sunshine and breezes. To control the rate at which these influences work on the boards, a tarp can be used to trap moisture and slow down the evaporation process. If the stickered wood is under a roof in a barn or a lean-to, then it relies more on wind and air currents than heat from direct sunlight, and this is easier to control. It also takes a lot longer to dry, but fans can help. They are used to move air around in the shed, and are not pointed directly at the wood, or they'll dry it unevenly.

Just piling up the lumber for a couple of years—without paying attention to the drying rate—will give you a lot of good, solid boards, but also a lot of cracked and useless wood. The best use for air-drying is to remove free water, and then move the wood into a kiln to remove most of the bound water.

Typically, air drying (seasoning) takes about one year for every inch of thickness. When wood dries to and settles at the ambient humidity, it is described as having met its equilibrium moisture content. During that process, a board can shrink up to 10% of its width and can change shape. Some kiln operators like to say their wood is seasoned, but when a stack of boards dries naturally through four seasons per inch, the word somehow seems more appropriate to air-drying. Most kiln operators use natural air-drying to pre-dry (remove the free water), and then use the kiln to remove about two-thirds of the bound water. The first step takes the wood down to somewhere in the neighborhood of 25% MC, and the second step reduces it to about 6-8% MC. So, in a way, even kiln dried lumber is "seasoned."

Kiln Drying: There are two types of mechanical kilns, conventional and dehumidification.

A **conventional kiln** brings in a large volume of air

from outside, heats it up until the moisture in the wood evaporates and saturates the air, and then expels the moist hot air while simultaneously replacing it with more dry, unheated outside air. This process requires a lot of heat, and a lot of power to move air, but a large kiln also dries an enormous amount of lumber in each session. Some conventional kilns also introduce steam as a way to slow down the evaporation process and control it.

Traditional kiln drying methods do produce great lumber when done right, but an inexperienced kiln operator can destroy a lot of lumber in a hurry. If you bring your boards to a conventional kiln, make sure the owner is familiar with your species, cut, and dimensions. If he dries the outside too quickly and the inside is still wet, the outside cells will shrink as the moisture in the core expands, and this can cause internal cracking and splitting which is called case-hardening. Boards dried this way sometimes end up with a honeycombed, powdery interior. And sometimes when they are milled and sawn after drying, tensions trapped by the process are released and the boards spring on the saw, causing kickback.

The average conventional kiln run is 20-40 days, depending on species, kiln size, the initial moisture content, and wood thickness. Boards being kiln dried are usually sealed on the ends, because the open cells of end-grain lose moisture more quickly than those of side grain.

Some mills operate a vacuum kiln, which can be used to dry very thick boards (12/4 and up) for woodturning bowl blanks, or perhaps for an architectural detail such as a mantle. Vacuum kilns are extremely expensive to run as they require constant heat. However, the cycle is relatively short.

A dehumidification kiln uses a heat pump to remove the water from lumber. This type of kiln recycles heat continuously, instead of venting away heated air. It's more energy efficient, and its operating cost is usually lower. Heated air, (usually starting at about 85°F) is circulated over the lumber with fans, evaporating the water contained in the wood. The hot, moist air then passes over a cold refrigeration coil, where it's cooled to about 60°F. That condenses the evaporated water into liquid, which is drained away. Then the heat is pumped back into the air and as these cycles continue, heat keeps building up. It can ultimately get as high as 160°F, or even as high as 225°F in newer systems.

As the name implies, **solar kilns** use heat from the sun to dry the boards. The key to solar drying is that, when the sun goes to bed and the oven slowly cools., the wood has a chance to equalize naturally in terms of moisture, so there is no major difference between the center of the board and the surface. The key to good solar drying is controlling the amount and intensity of heat, and the patterns of airflow.

Solar kilns are not only gentler on the wood, but woodworkers often comment that the solar kiln lumber is the best quality wood that they have ever worked. In addition, they are vastly more ecologically sound than a fossil-fueled kiln.

There are also personal kilns, for the harvester who only takes down one or two trees a year. Kits and plans are available on the internet for building your own kiln.

MOISTURE METERS

Anyone working with wood needs to be cognizant of moisture levels, which can be monitored using a moisture meter. Meters pass an electronic wave or high frequency signal through the fibers of a board and read the moisture level. They are very simple and very accurate devices. Most meters are handheld, portable devices. Some have a pair of steel pins that can be jammed into the wood before they take a reading. Others are pinless, and these are designed to be less invasive (no pin holes). Pinless meters can be used to assess overall dryness, while pinned meters assess the humidity level between the two pins. The most accurate way to measure humidity is to designate one board at the center of the kiln as your base line. This board will be sacrificed over the course of the drying process, because one removes it, cuts a foot or more off one end, and then uses a meter to check the humidity in the freshly exposed end. That only works if you do the measurement immediately, as the board end will dry out rapidly. Knowing the exact moisture level allows the operator to make much better decisions about heat and moisture, and the craftsman to understand the material that he is working with.

The most accurate measurements with a pin meter are taken in the end grain of a board that is crosscut. (Lignomat USA, Ltd.)



A meter with long pins and a slide hammer can be used to read the MC of boards thicker than 4/4.

Turning Topics

Creativity in Constuction

The POP Exhibition of the American Association of Woodturners

The *Professional Outreach Program (POP)* of the **American Association of Woodturners (AAW)** annually sponsors an exhibition of small scale, lathe turned pieces, bringing together works by professional studio turners from across many countries.

For 2015, the theme is *Creativity in Construction: A Collaboration of Materials*. Some of the artists created works using multiple materials: **William Moore** combined Madrone burl and Blackwood with copper; **Ron Gerton** created a stand of bronze for his Box Elder burl vessel, and **Curt Theobald** paid tribute to the *AAW Symposium* host city by incorporating Damascus steel into a segmented wood piece. Others used various surface treatments, while **Kimberly Winkle's** collaboration involved traditional and digital techniques, featuring a CAD-designed pattern executed with a CNC router as well as a traditional turning and carving.

The exhibition of 31 artists is currently showing at the *AAW Gallery* in St. Paul, MN, but will be transported for display at the annual *AAW Symposium*, June 25-28, in Pittsburgh, PA. All the pieces will be offered for sale in a simultaneous live and online auction, scheduled for June 27 at 3:15 EDT, to support educational scholarships. For info, visit the website: www.woodturner.org or call: (651) 484-9094.

Photo: Tib Shaw/AAW



Curt Theobald (Pine Bluffs, WY)
Rivers of Steel
Cherry, steel, Damascus steel

Photo: Tib Shaw/AAW



Stephen Hatcher (Olympia, WA)
Rapture
Bigleaf Maple, Zircote, wood fiber veneer, paua shell, epoxy, lacquer

Jim Christiansen (Moscow, ID)
Seasons
Cherry, acrylic paint, gold

Photo: Tib Shaw/AAW



Ron Gerton
(Richland, WA)
Shall We Dance
Box Elder burl, bronze



Robert Cutler
(Irrigon, OR)
#711 "Connected"
Woods, metals, antler





Binh Pho
(Maple Park, IL)
To Be or Not To Be
Bronze, silver,
Maple, acrylic paint



Merryll Saylan
(Berkeley, CA)
4 Figs
Various woods,
polychromed

Photo: Tib Shaw/A&W



William Moore
(Portland, OR)
Funnel
Madrone burl,
copper, Blackwood

Photo: Tib Shaw/A&W



Kimberly Winkle
(Smithville, TN)
Binary
Walnut,
polychrome Poplar

Photo: Tib Shaw/A&W

Bill Ooms (Prescott, AZ)
Black and Silver Egg
African Blackwood, Maple, Brown
Ivory Wood, sterling silver, Russian
CZ stone, fresh water pearl



Dixie Biggs
(Gainesville, FL)
*All She Wanted Was
the Moon*
Maple burl, Cherry
Compwood, copper,
acrylic paint



Garry Knox Bennett
(Oakland, CA)
Untitled (#33)
Wood, brass, paint

Photo: Tib Shaw/A&W

Education: Anderson Ranch Arts Center



Elder statesman of the woodturning field **David Ellsworth** started the woodturning program at Anderson Ranch Arts Center in 1974. He continues to teach at the center, offering both a beginner's and intermediate/advanced class this summer. Other instructors will be **Curt Theobald, Nick Cook,** and **Derek Weidman.**

Woodworking at the **Anderson Ranch Art Center** in Snowmass, CO is pushing the boundaries of the craft, mixing old and new techniques, and incorporating alternative materials. In a supportive environment conducive to promoting quality craftsmanship, this summer program is composed of a furniture emphasis and a woodturning emphasis, with hands-on instruction by the outstanding names in the field.

The 17 furniture courses explore both design and construction techniques, offering a range of workshops, from basic fundamentals for beginners to upholstery, joinery, woodbending, veneers, finishing, and advanced techniques. Traditional techniques have been supplemented to include the new digital processes of CNC technology.

The *Maloof Wood Barn* has undergone an extensive renovation. It now houses a machine room with top-of-the-line equipment, a CNC router room, a bench room, and design studio. Students share European-style workbenches and tool storage, and a dust collection system provides a clean working environment. On most Colorado summer days, students also can work outdoors in an awning-covered workspace.

Woodturning began in 1974 at Anderson Ranch, with classes lead by legendary master **David Ellsworth**. He continues teach at the Arts Center, offering both beginning and intermediate / advanced workshops. Other courses focus on specific skills to create functional items—bowls, plates, kitchenware, and tools—as well as artistic objects, using segmented and multi-axis techniques.

The *Pryor Turning Studio* is outfitted with nine workstations, each consisting of a lathe, woodturning tools, face plates, and jaw chucks.

The full schedule of workshops available for *Summer 2015* is listed on page 46. Registration opened in January.

Anderson Ranch offers a 20% discount on tuition on furniture design, woodworking, and woodturning workshops to members of the *Furniture Society* and the *American Association of Woodturners*.

For further information, visit the website: www.andersonranch.org or (970) 923-3181.

Students in last summer's cabinet class are working on the tablesaw in the Machine Room of the *Maloof Wood Barn*.



SUMMER EDUCATION PREVIEW

ALASKA

FOLK SCHOOL FAIRBANKS

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

May 4	Principles of Woodworking —12 sessions
June 27-July 1	Week in the Woods
Aug. 6-10	Week in the Woods

ARIZONA

DAVID FLEMING

Scottsdale, AZ (602) 308-9188

May 9-10	Making Drawers
May 30-31	Make a Wood Plane

ROBERTO-VENN SCHOOL OF LUTHIERY

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

May 9	Lap Steel Construction—4 sessions
May 18-22	Metallic & Patina Finish
June 8-12	French Polishing
Aug. 27	Guitar Making & Repair—5 months

ROCKLER WOODWORKING & HARDWARE

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

May 2	Intro to the Router (John Weeks)
May 2	CNC Piranha
May 6	Making a Cutting Board (Dave Fleming)
May 9	Turning a Military Pen Kit (Ed Pabst)
May 9	Pen Turning
May 13	Intro to Bowl Turning (Weeks)
May 16	Making a Band Saw Box (Frank Brady)
May 16	Soy Gel & Java Gel Stain
May 20	Intro to the Router (Weeks)
May 23	Building Shutters (Pat Jones)
May 23	Kreg K5 Pocket Hole System
May 27	Router Joinery: Building a Box (Weeks)
May 30	Turning an Acrylic Pen (Pabst)
May 30	Rockler Box Joint Jigs
June 3	Steam Bending (Fleming)
June 6	CNC Shark Basics (Kevin Klein)
June 6	Rockler Thin Rip, Cove & Taper Jigs
June 10	Turning a Plate (Weeks)
June 13	Finishing Techniques (Weeks)
June 13	Rockler Small & Large Box Spline Jigs
June 17	Tuning Up & Using Hand Planes (Fleming)
June 20	Intro to Turning (Weeks)
June 20	Rockler Dado & Coping Jigs
June 24	Intro to Bowl Turning (Weeks)
June 27	CNC Shark

SCOTTSDALE ARTISTS' SCHOOL

3720 N. Marshall Way Scottsdale, AZ (480) 990-1422

May 8	Bas Relief (Susan Henningsen)
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SOUTHWEST CENTER FOR CRAFTSMANSHIP

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

May 4	Intro to Inlay—5 sessions
May 4-16	Fundamentals of Fine Woodworking I
May 18-30	Fundamentals of Fine Woodworking II
June 1-20	Fundamentals of Fine Woodworking III

TECHSHOP

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

Call for Classes

WOODCRAFT — Phoenix

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

May 1	Table Saw Raised Panel Door Class (Gary McCaslin)
May 1	Router Table Raised Panel Door (McCaslin)
May 2	Fun with the Lathe: Basic Lathe Techniques (Tim Wadley)
May 2	Basic Bowl Turning (Wadley)
May 5	Basic Cabinet Making I: Cabinet Construction (McCaslin)
May 6	Bird House Ornaments (Wadley)
May 6	Sharpening Class: Wood Turning Tools (Wadley)
May 7	Router Jig & Hand-Cut Dovetails (McCaslin)
May 7	Turn a Custom Pepper Mill (Sam Moore)
May 8	Router Basics (Kurt Weber)
May 9	Basic Pen Making (Moore)
May 9	Advanced Pen Making: Acrylics (Moore)
May 12	Chip Carving 101 (Janet Bolyard)
May 13-15	Build Your Own Router Table (McCaslin)

May 16	Carving 101 (Bolyard)
May 26	Tool Cabinet Class (McCaslin)
May 26	Intro to Large Shop Equipment (McCaslin)
May 26	Natural Edge Bowl Turning (Wadley)
May 28	Scroll Saw Magic: From Basic to Brilliant (Bolyard)
May 29	Welcome to Woodworking: Basic Course (Weber)
May 30	Intro to Power Carving (Bolyard)

WOODCRAFT — Tucson

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

May 2	Intro to the Lathe: Spindle Turning (Chris Vemich)
May 2	Using Cabinet Scrapers
May 3	Intro to Woodburning (Lynn East-Itkin)
May 6, 20	Pen Turning (Michael Phillips)
May 10	Furniture Color Matching (Cindy Haas)
May 13	Beginning Intarsia (Dan Eklund)
May 16	Advanced Spindle Turning (Jim Beaman)
May 17	Scroll Saw Project Class (Stan Ries)
May 20	Hand Plane Tune-Up (Bridger Berdel)
May 21	Lathe Tool Sharpening (Vemich)
May 23	Open Segmented Bowl Assembly (Ries)
May 23	Microdial Tapering Jig Demo
May 24	Open Segmented Bowl Turning (Ries)
May 27	Beginning Carving (Bob Sorensen)
May 28	Furniture Design Basics (Mark Frost)
May 30	Kreg Pocket Hole Joinery Demo
May 30-31	Hand-Cut Dovetails for Beginners (Luke Addington)
June 3, 17	Pen Turning (Phillips)
June 4	Make a Woodcraft Zhen Kitchen Knife (Vemich)
June 6	Intro to the Lathe: Spindle Turning (Vemich)
June 6	Inlace Products
June 10	Beginning Intarsia (Eklund)
June 11	Router Basics (Frost)
June 13	Hand Tool Fundamentals (Addington)
June 17	Hand Sharpening Your Tools (Berdel)
June 18	Intro to SketchUp Design Software (Rick Castellini)
June 20	Beginning Relief Carving (Sorensen)
June 21	Scroll Saw Basics (Ries)
June 24	Beginning Carving (Sorensen)
June 27	SuedeTex Flocking Demo
June 27-28	Build a Moxon Vise (Addington)

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

May 1	Table Saw Techniques, Safety, Jigs (Tempe)
May 8	Table Saw Techniques, Safety, Jigs (Phoenix)
May 15	Table Saw Techniques, Safety, Jigs (Tucson)

YAVAPAI COLLEGE

Prescott, AZ (928) 776-2199

June 1	Furniture and Woodworking I—8 sessions
June 1	Furniture and Woodworking II—8 sessions

ARKANSAS

ARKANSAS ART CENTER

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

Call for Classes

ARKANSAS CRAFT SCHOOL

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

May 22-24	The Un-Round Turned Wood Bowl (Kip Powers)
May 30	Sustainable Woodworking: A Studio Tour (Owen Rein)
June 4	Art-Night: Woodturning on a Lathe (Gene Sparling)
June 5-7	Natural Edge Bowls and Vessels (Sparling)
June 12-14	Dovetail Log Construction (Dave Smith)
June 19-21	Intro to Knife Making (Jim Crowell)
July 11-13	Hand Carved Wooden Bowls (Rein)
July 31-Aug. 2	Woodturning (Jimmy Clewes)
Aug. 29-31	Woodturning Design Concepts (Alan Carter)

EUREKA SPRINGS ART SCHOOL

15751 Hwy 62 West, Eureka Springs, AR (479) 253-5384

June 8-12	Making Scandinavian Bent-Wood Boxes (Doug Stowe)
June 15-19	Beginning Furniture Design (Steve Palmer)
July 6-10	Woodturning (Les Brandt)
July 13-17	Bent Lamination Dancing Stools & Chairs (Michael Brolly)

WWW.EASYDOVETAILS.COM

SUMMER EDUCATION PREVIEW

July 22-24 The Joy of Woodworking (Palmer)
 Aug. 3-7 Relief Wood Carving / Watercolor Painting (John Engler)
 Aug. 10-14 Vacuum Lamination of Veneered Boxes (Stowe)

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

May 30 Forging & Toolmaking—2 sessions (Vern Caron)
 June 14 Box Design: Material & Technique—2 sessions (Timothy Lydgate)
 July 18 Forging & Toolmaking—2 sessions (Caron)
 July 25 Utilizing Steel for Furniture Base Design—4 sessions (Jamie Abbott)
 Aug. 2 Wood Carving with Rotary Carving Tools—2 sessions (Ron Cook)

CALIFORNIA COLLEGE OF ARTS

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

July 1-19 Intro to Furniture (Adrien Segal)
 July 27-Aug. 14 Wood/Furniture Techniques: Soft (Mary Little, Peter Wheeler)

CRUCIBLE

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

May 9-10 Fundamentals of Woodworking
 May 23-24 Woodturning I
 Jun. 13-14 Woodturning I

COLLEGE OF THE REDWOODS

440 Alger St., Ft. Bragg, CA (707) 269-4000

June 1-5 Carving (Paul Reiber)
 June 8-26 Tools & Techniques (Jim Budlong)
 June 8-12 Plane Making (Budlong)
 June 15-26 Techniques (Budlong)
 July 6-31 Projects (Greg Smith)

DAVID J. MARKS WOODWORKING

Santa Rosa, CA (707) 526-2763

July 10-12 Gilding & Chemical Patination (David Marks)
 July 31-Aug. 2 Curved Joinery (David Marks)

DEBEY ZITO FINE FURNITURE

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

Call for Furniture Making Classes for Women

ECONEST

Willow Creek, CA (541) 488-9508

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

ESSICK WOODWORKING SCHOOL

Grass Valley, CA (530) 264-6062

May 9 Chair Class
 May 18-22 Woodworking Projects
 June 15-19 Woodworking Projects
 July 20-24 Woodworking Projects
 Aug. 17-21 Woodworking Projects

FIREHOUSE 33

117 Broad St., San Francisco, CA (207) 457-5313

June 25-28 Hollow Wood Surfboard Building (Grain Surfboards)

JERRY KERMODE WOODTURNING SCHOOL

Sebastopol, CA (707) 824-9893

May 16-17 Beginning Woodturning (Jerry Kermode)
 Aug. 22-23 Beginning Woodturning (Kermode)

KALA ART INSTITUTE

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

June 13 Wood Engraving (Richard Wagener)

MASTERPIECE SCHOOL OF FURNITURE

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

May 2 Hand Tool Sharpening (Ron Anderson)
 May 3 Intro to Woodworking (Anderson)
 June 1-5 Shaker Wall Clock (Anderson)
 June 10-12 Traditional Veneering with Hide Glue (James Bowie)
 June 15 Build a Long Board—3 sessions (Anderson)
 June 22-26 Shaker Tall Clock (Anderson)
 July 6-10 Farm Table (Bowie)
 July 15-17 Farm Table Bench (Bowie)
 July 23-24 Traditional Hand Joinery (Bowie)
 July 28-31 A Special Place to Sit: Part 1 (Bowie)

Aug. 3 Build a Long Board—3 sessions (Anderson)
 Aug. 3-7 A Special Place to Sit: Part 2 (Bowie)
 Aug. 12-14 Traditional Veneering with Hide Glue (Bowie)

MENDOCINO ART CENTER

May 1-3 Beautiful Knife Handles & Leather Sheaths (Erwin Ludwig)

MT. DIABLO ADULT EDUCATION

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

May 6 Router Fundamentals—8 sessions (Ed Steffinger)
 June 11 Wedgie Sled—2 sessions (Jim Rodgers)
 July 8 Woodcarving: Beginners-Advanced—8 sessions (Robert Budesilich)
 July 8 Carving Water Fowl & Wildlife—8 sessions (Budesilich)
 July 10 Woodturning: Independent Projects Open Shop—8 ses. (Rodgers)

OCCIDENTAL ARTS & ECOLOGY CENTER

15290 Coleman Valley Rd., Occidental, CA 95465 (707) 874 1557

July 10-12 Woodshop for Women

RANDALL MUSEUM

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

June 2, 3, 4 Woodworking Safety Orientation
 June 6, 10 Woodworking Open Shop—8 sessions
 June 7 Zen & Sawdust: Jewelry Box—8 sessions
 June 8 Zen & Sawdust: Small Bench—8 sessions
 June 9 Joinery Fundamentals—8 sessions
 June 12 Hand Tool Woodworking—8 sessions

ROCKLER WOODWORKING & HARDWARE

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

May 2 CNC Piranha
 May 9 Pen Turning
 May 16 Soy Gel & Java Gel Stain
 May 23 Kreg K5 Pocket Hole System
 May 30 Rockler Box Joint Jigs
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

SAN FRANCISCO WOODSHOP

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

On-Going Woodworking Classes

THE SAWDUST SHOP

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

May 9 Basic Joinery 2
 May 17 Woodcarving for Beginners
 May 20 Pens I: Turning Beautiful Pens
 May 30-31 Fundamentals of Woodworking: Wall Cabinet
 June 14 Woodcarving for Beginners
 June 15 Intro to Finishing—2 sessions
 June 20 Hand Planes: An Introduction
 July 18 Build a Krenov Plane
 July 19 Woodcarving for Beginners
 July 22 Pens I: Turning Beautiful Pens
 July 25 Bandsaw Magic for Beginners
 Aug. 23 Woodcarving for Beginners

SIERRA COLLEGE

Roseville, CA (916) 781-6280

May 9 Fabulous Furniture Finishes

TECHSHOP

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

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

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

Call for Classes

THE SAWDUST SHOP

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

May 9 Basic Joinery 2
 May 17 Wood Carving for Beginners

WOODCRAFT — Sacramento

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

May 2 Intro to Woodworking: Laminated Cutting Board (Jeremy Nuttall)
 May 3 Turning a Cigar Pen (Mike Murphy)
 May 7 Discussion on Cabinetmaking Techniques (Nuttall)
 May 14 Sharpening for Wood Turners (Nuttall)
 May 16 Router Table Techniques (Nuttall)
 May 17 Carving a Bottle Stopper (Jim Hanson)
 May 21 Classic American Style Pen (Murphy)
 May 28 How Wood Works: From Tree to Project (Adam Panto)
 May 30 Oval Shaker Bentwood Boxes (Panto)

SUMMER EDUCATION PREVIEW

May 31 Power Carving: Carve a Rainbow Trout (Panto)
 June 4 Turn a Tetra Stylus Pen (Murphy)
 June 6 Basic Relief Carving (Panto)
 June 7 Scroll Saw Techniques (Panto)
 June 11 Making a Bandsaw Salad Set (Panto)
 June 14 Carving a Hillbilly—2 sessions (Hanson)
 June 18 Crown Molding Techniques (Nuttall)
 June 20 Intro to Turning Wood: Bowl and Mallet (Nuttall)
 June 25 Hands-On Skew Workshop (Nuttall)
 June 27 Cabinetry 3: How to Build Drawers (Nuttall)
 June 28 Mike's Pen Turning Workshop (Murphy)

WOODCRAFT — SF Bay Area

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

May 2 Intro to Turning, Sharpening & Safety (George Chisholm)
 May 4 Custom Cutlery (Tom Smith)
 May 9-10 Turning 101 (Chisholm)
 May 13 Shop Safety as a Habit (Claude Godcharles)
 May 16 Intro to Woodworking (Godcharles)
 May 18 Turning a Pepper Mill (Smith)
 May 23-24 Turning 101½ (Chisholm)
 May 30 Router 101: Router Basics (Godcharles)
 June 6 Basic Cabinet Construction (Larry Margules)
 June 6 Intro to Turning, Sharpening & Safety (Chisholm)
 June 8 Decorative Knobs & Pulls (Smith)
 June 13-14 Turning 101 (Chisholm)
 June 17 Shop Safety as a Habit (Godcharles)
 June 20 Intro to Woodworking (Godcharles)
 June 20 Let's Make a Segmented Bowl—3 sessions (Chisholm)
 June 22 Intro to Pyrography (Smith)

SOUTHERN CALIFORNIA

AMERICAN SCHOOL OF FRENCH MARQUETRY

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

June 15, 22 Marquetry Workshop—5 sessions (Patrick Edwards)

ART CENTER COLLEGE OF DESIGN

Pasadena, CA (626) 396-2319

May 18 Furniture Design—10 sessions (Dewey Ambrosino)

CERRITOS COLLEGE

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

May 3 Woodworking Fundamentals Lab (Robert Thornbury)
 July 6 Intro to Woodworking—18 sessions (Carlos Sanchez)
 July 7 Intro to Woodworking—18 sessions (Anthony Fortner)
 July 7 Intro to Woodworking—18 sessions (Todd Ouwehand)

COMMUNITY WOODSHOP LA

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

May 31 Walnut Coffee Table

IDYLLWILD ARTS

52500 Temecula Rd., Idyllwild CA (951) 468-7265

June 25-28 Native American Flute Making (Marvin & Jonette Yazzie, Ernest Siva)

OFF THE SAW

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

Call for Classes

PALOMAR COLLEGE

San Marcos, CA (760) 744-1150 x 2702

May 19 Plastic Lamination Fabrication—4 sessions
 June 15 Fundamentals of Woodworking—18 sessions
 June 15 Workbench Design & Production—18 sessions

PATAGONIA SURF

2185 San Elijo Ave., Cardiff by the Sea, CA (207) 457-5313

June 11-14 Hollow Wood Surfboard Building (Grain Surfboards)

ROCKLER WOODWORKING — Ontario

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

May 2 Faux Vintage Wine Bottle Gift Box
 May 2 CNC Piranha
 May 9 How to Turn a Yo-Yo on the Lathe
 May 9 Pen Turning
 May 16 Finishing Basics Stains & Top Coats
 May 16 Soy Gel & Java Gel Stain
 May 23 Kreg Foreman Pocket Hole Machine
 May 23 Kreg K5 Pocket Hole System
 May 30 Leigh Dovetail Machine
 May 30 Rockler Box Joint Jigs
 June 6 Tablesaw Tune-Up
 June 6 Rockler Thin Rip, Cove & Taper Jigs

June 13 Bandsaw Tune-Up
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Hand Cut Mortise & Tenon
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

ROCKLER WOODWORKING — Orange

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

May 2, 9 Basic Safety Orientation (Guy Willacker)
 May 2 Ready 2 Rout & Ready 2 Lift
 May 2 CNC Piranha
 May 3 Sharpening (Mike Ward)
 May 4 Intro to Hand Routers Class—2 sessions (Willacker)
 May 9 Turning a Shaving Razor Kit & The Jet 1015VS Lathe
 May 9 Pen Turning
 May 16 Finishing Basics (Jim Bonk)
 May 16 Rockler Fluting Jig
 May 16 Soy Gel & Java Gel Stain
 May 23 Basic Lathe Turning 101 (Don Scott)
 May 23 Steam Bending
 May 23 Kreg K5 Pocket Hole System
 May 24 Intro to Segmented Turning—3 sessions (Scott)
 May 30 Table Saw Basics & Maintenance (Willacker)
 May 30 Finishing Touch: HVL Spray
 May 30 Rockler Box Joint Jigs
 June 6, 13 Basic Safety Orientation (Willacker)
 June 6 SawStop & Micro Jig
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 13 Beginning Bowl Turning (Scott)
 June 13 Rockler Small Piece Holder Demo
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Demo Day
 June 20 Rockler Dado & Coping Jigs
 June 27 Intermediate Scroll Sawing (Chuck Collins)
 June 27 CNC Piranha
 June 27 CNC Shark
 June 28 Turning Wooden Pens (Mike Ward)

ROCKLER WOODWORKING — Pasadena

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

May 2 Shop Safety (Don Chafey)
 May 2 CNC Piranha
 May 9 Pen Turning
 May 9 Turning Wooden Pens (Pete Carta)
 May 16 Finishing Basics (David Tilson)
 May 16 Soy Gel & Java Gel Stain
 May 23-24 Shaker Boxes (Jeanette Gonzales)
 May 23 Kreg K5 Pocket Hole System
 May 30 Router Dovetail Machines (Tilson)
 May 30 Rockler Box Joint Jigs
 June 6 Router Basics (Chafey)
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 6 Intro to the Lathe (Carta)
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Sharpening (Tilson)
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

ROCKLER WOODWORKING — San Diego

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

May 2 CNC Piranha
 May 9 Pen Turning
 May 16 Soy Gel & Java Gel Stain
 May 23 Kreg K5 Pocket Hole System
 May 30 Rockler Box Joint Jigs
 June 6 Rockler Thin Rip, Cove, & Taper Jigs
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

ROCKLER WOODWORKING — Torrance

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

May 2 CNC Piranha
 May 9 Pen Turning
 May 16 Soy Gel & Java Gel Stain
 May 23 Kreg K5 Pocket Hole System
 May 30 Rockler Box Joint Jigs
 June 6 Rockler Thin Rip, Cove & Taper Jigs

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SUMMER EDUCATION PREVIEW

June 13 Rockler Small & Large Box Spline Jigs
June 20 Rockler Dado & Coping Jigs
June 27 CNC Shark

RUSS FILBECK CHAIRMAKER

San Diego, CA (858) 566-9699

May 4-8 Chair Making: 2-Slat Ladder Back (Russ Filbeck)
July 20-24 Chair Making: 2-Slat Ladder Back (Filbeck)
Aug. 17-21 Chair Making: 2-Slat Ladder Back (Filbeck)

SAN JOAQUIN WOODWORKERS

Clovis, CA (559) 298-3749

Aug. 7-9 Intro to Woodturning

VOCADAMY

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

Call for Woodshop and Industrial Arts classes

WILLIAM NG SCHOOL OF WOODWORKING

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

May 1-3 Making a Wooden Hand Plane (William Ng)
May 1-3 Wood Turning (Jimmy Clewes)
May 4-8 Shaker Chair (Robert Turnbull)
May 4-8 Fundamentals of Fine Woodworking (Ng)
May 11-17 Building a Low Back Settee (Ng & David A. Wade)
June 3-7 Segmented Turning (Malcolm Tibbetts)
June 8-13 Sculpted Dining Chair (Ng)
June 15-19 Joinery Techniques (Ng)
July 6-11 Greene & Greene-Inspired 8-Legged Table (Ng)
July 11-12 Inlay Techniques (Ng)
July 13-17 Making Custom Cabinets (Ng)
July 18-19 Tuning & Using a Japanese Plane (Ng & Taeho Kwon)

WOODCRAFT — Orange County

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

May 2 Intro to Hand-Cut Dovetails (Mike Henderson)
May 3 Table Saw Basics (Jim McWilliam)
May 9 Basic Lathe Turning Techniques (Bill Rogers)
May 16 Basic Router Techniques (Ron Higgins)
May 17 Sharpening Turning Tools (Craig Chambers)
May 23 Lathe Turned Bowls (Harry Williams)
May 24 Pen Turning (Steve Carbajal)
May 28 Sharpening Chisel/Plane Iron (Bill Blackburn)
May 30 Bandsaw 101 (Fred Wilmott)
May 30 Scroll Saw Basics (Chuck Collins)
May 31 Crown Moulding (McWilliam)
June 6 Scroll Saw Basics (Collins)
June 6 Sharpening Chisel/Plane Iron (Blackburn)
June 7 Relief Carving: Flower (Henderson)
June 13 Basic Veneering (Henderson)
June 14 Table Saw Basics (McWilliam)
June 20 Christmas Intarsia (Collins)
June 27 Basic Router Techniques (Higgins)
June 28 Pen Turning (Carbajal)

WOODCRAFT — Ventura

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

May 1-3 Gull Wing Box (David Blackburn)
May 7 Stylus Turning (Gerry Wilson)
May 9 Turning a Pepper Mill (Chad Ishikawa)
May 14 Wood Burning 101 (Rich Smith)
May 16 Tablesaw Basics (Mark Chandler)
May 21 Band Saw Basics (Wilson)
May 23 Finishing 101 (Fred Cockrell)
May 28 Small Bowl Turning (Ishikawa)
May 30 Advanced Router Techniques (Chandler)
June 4 Turning a Bottle Stopper (Wilson)
June 6 Pen & Pencil Turning: Slim Style (Ishikawa)
June 11 Sharpening Carving Tools (Al Plasch)
June 13 Stacked Square Box with Contrasting Woods (Blackburn)
June 18 Small Bowl Turning (Ishikawa)
June 20 Basics of Cabinet Making (Larry Margules)
June 25 Pen & Pencil Turning: Slim Style (Wilson)
June 27 Wood Burning 101 (Smith)

COLORADO

ANDERSON RANCH ARTS CENTER

Snowmass, CO (970) 923-3181

June 1-12 Upholstery: Logistics of Layering (Tina Ortmann)
June 1-5 Fundamentals of Woodworking (Jason Schneider)
June 8-12 The Decorated Table (Brian Reid)

June 8-12 Open Segmented Turning (Curt Theobald)
June 15-26 Wood Bending: Curves & Structure (Matthias Pliessnig)
June 15-19 Intro to Digital Design & CNC Routing (David O. Crenshaw)
June 22-26 Advanced Digital Design & Output thru Routing (Crenshaw)
June 29-July 3 Connections in Wood (Katie Hudnall)
June 29-July 3 Drawing with the Lathe (Derek Weidman)
July 6-17 Basic Woodworking (Sylvie Rosenthal)
July 13-17 Woodturning for Food (Nick Cook)
July 20-31 Advanced Woodworking: Tables & Benches (Michael Fortune)
July 20-24 Design & Build: CNC Flat-Pack Furniture (Reuben Foat)
July 27-31 Making a Traditional Japanese Puzzle Box (Kagen Sound)
Aug. 3-14 The Maloof Approach: Evolution of a Chair (Larry White)
Aug. 3-7 Woodturning: Open Bowls & Hollow Forms (David Ellsworth)
Aug. 10-14 Woodturning Master Class (Ellsworth)
Aug. 17-28 Strategies in Wood & Steel (Don Miller & Donald Cope)
Aug. 17-21 Wood Finishing (Greg Johnson)
Aug. 24-28 Getting Creative with the CNC Router (Lucien Casartelli)
Sept. 7-25 Bending, Shaping & Carving (Dean Pulver & Seth Rolland)
Sept. 7-25 Design & Fab-ulous (Vivian Beer)

COLORADO SCHOOL OF LUTHERIE

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

June 1-2 Steel String Building Course (Victor Dick)
Aug. 12 Steel String Building Course—20 sessions (Dick)

O'BRIEN GUITARS

Parker, CO (720) 352-8647

May 4, 14 Steel String Guitar Building—7 sessions
June 27-July 3 Steel String Guitar Building
Aug. 13-14 French Polishing
Aug. 15-16 Classical & Steel String Soundboard Voicing

RED ROCKS COMMUNITY COLLEGE

Lakewood, CO (303) 914-6514

June 1 Elements of Design—9 sessions (Sean Gillespie)
June 2 Fundamentals of Woodworking—18 sessions (Luke Goodhue)
June 2 Intro to Turning—18 sessions (Michael Roper)
June 2 Intermediate Turning I—18 sessions (Roper)

ROCKLER WOODWORKING & HARDWARE

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

May 2 Small Wood Boxes 2 (Rich Gady)
May 2 Pen Turning (Michael Roper)
May 3 Take Your Turning to the Next Level (Roper)
May 9 Woodworking 101: Table (Tracy Gray)
May 9 Pen Turning
May 16 Soy Gel & Java Gel Stain
May 17 Router Workshop (Rich Johnson)
May 23 Turning 101 (Bruce Perry)
May 23 Kreg K5 Pocket Hole System
May 24 Turned Lidded Boxes (Perry)
May 30 Rockler Box Joint Jigs
June 6 Turning 101 (Perry)
June 6 Rockler Thin Rip, Cove & Taper Jigs
June 7 Take Your Turning to the Next Level (Roper)
June 13 Woodworking 101: Bookshelf (Gray)
June 13 Rockler Small & Large Box Spline Jigs
June 20 Rockler Dado & Coping Jigs
June 21 Turning Pepper & Salt Mills (Perry)
June 27 CNC Shark
June 28 Finishing: Hands On (Johnson)

ROCKY MOUNTAIN SCHOOL OF WOODTURNING

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

Call for Classes

ROCKY MOUNTAIN WORKSHOPS

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

May 29-June 1 Designing with SketchUp (Eli West)
Aug. 16-22 Timber Framing: Straight & Curved Members

SEARS TROSTEL

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

May 2 Box Turning
May 9 Finishing
May 16 Small Box: Vertical Grain

TRENT BOSCH WORKSHOPS

Fort Collins, CO (970) 568-3299

May 5-8 Woodturning
May 18-20 Woodturning
July 17-19 Woodturning

SUMMER EDUCATION PREVIEW

WOODCRAFT — Colorado Springs

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

May 3	Wood Pen Making Basics (George Jungerman)
May 7	Bandsaw 101 (Brian Gaines)
May 9	Cabinet Construction: Cabinet Series (Ben Myers)
May 9	Dust Collection
May 14	Raised Panel Doors: Cabinet Series (Myers)
May 16	Bowl Turning (Dennis Merrifield)
May 17	Custom Knife Scales (Jungerman)
May 21	Table Saw Basics (Gaines)
May 28	Router 101 (Myers)
June 4	Router 201: Dovetails (Myers)
June 6	Building a Rustic Adirondack Chair—2 sessions (Bob Stanforth)
June 13	Router Basics Demo
June 14	Pen Turning: The Next Step + CA Finishing (Jungerman)
June 20	Turning Tool Basics (Merrifield)
June 27-28	Cabinet Construction: Tool Cabinet (Myers)

WOODCRAFT — Denver

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

May 1	Build an Electric Guitar—5 sessions (Shawn Smith)
May 5	Basic Cabinet Construction—4 sessions (Chuck Zwerdinger)
May 10	Hand Tools 101: Planes (Brendan Whitehead)
May 16-17	Woodworking 101 (Doug Manter)
May 23	Intro to Woodturning (Doug Greiner)
May 24	Turn a Bowl (Greiner)
May 29-31	Spray Finishing (Smith)
June 6	Dovetails with a Leigh Jig (Joe Wright)
June 7	Intro to Finishing (Eric Letzler)
June 10	Woodworking 101—4 sessions (Letzler)
June 13	Intro to Routers (Zwerdinger)
June 13	Finger-Joint Boxes Using a Router & Jig (Zwerdinger)
June 14	Beginning Hand Sharpening (Manter)
June 20	French Polish Finishing (Smith)
June 21	Bandsaw 101 (Zwerdinger)
June 27	Turn a Pen (Greiner)
June 27	Turn an Acrylic Pen (Greiner)
June 28	Advanced Knife Making (Whitehead)

WOODCRAFT — Loveland

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

May 2, 16, 30	Relief Carving (Charlie Milliser)
May 3	Intro to Marquetry (Dave Kisker)
May 7	Woodworking 101—4 sessions (Dee Talmhain)
May 9	Router Basics (Bob Millikan)
May 9	Turn a Pen for Mom
May 9	Dust Collection Demo
May 11	Basic Carving—6 sessions (Angela Callow)
May 22	Realistic Carving—6 sessions (Rod Hendrickson)
May 23	Raised Panel Doors (Millikan)
May 30	Hollow Form Turning Made Easy! (Doug Schneider)
June 4	Woodworking I: Intro to Furniture—4 sessions (Wayne Lousteau)
June 7	Scroll Saw 101 (Robin Talmhain)
June 13	Hand Cut Dovetails (Lousteau)
June 13	Router Basics Demo
June 14	Turning Plates & Platters (Katherine Kowalski)
June 18	Sharpening Hand Tools (Lousteau)
June 20	Turn a Pen for Dad
June 21	Animal Puzzles on the Scroll Saw for Kids (R. Talmhain)
June 27	End Grain Lidded Boxes (Schneider)

HAWAII

HANA LIMA'IA

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

July 13-24	Ukulele Making
Aug. 1	Ukulele Making—10 sessions

WOODCRAFT

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

IDAHO

WOODCRAFT

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

Tues.	Weekly Wood Carving (Lennie Williams)
May 1-3	Leigh Dovetailed Jewelry Box (Aaron Cornell)
May 4	Euro Pen (Steve Merrill)
May 5, 19	Art of Woodburning (Sharon Becker)
May 6	Router 101 (Bob Rudkin)

May 7	Functional Carving: Kitchen or Love Spoon (Williams)
May 7	French Polish (Michael Kingsley)
May 9	Intro to Woodburning (Becker)
May 9, 23	Hand Tool Coaching (Tim Stewart)
May 9	From Rough to Ready: Preparing Wood
May 11-12	Milk Paint: UpCycling & Creative Combinations (Gary Mee)
May 13	Beginning Carving: Walking Stick Face (Eric Owens)
May 14	Base Cabinet Construction—2 sessions (Jason Madsen)
May 16	Bowl Turning (Gary Smith)
May 20	Lathe Tool Sharpening (Steve Young)
May 21	Hand Tool Sharpening (Stewart)
May 23	Boomerangs (Tanner Scott)
May 25	Duck Call with New SawDust Bros Mandrel (Scott)
May 26	Scroll Saw 101 (Mee)
May 27	Tablesaw Techniques & Safety (Rudkin)
May 27	Toni Twist Pen (Merrill)
May 28	SketchUp (Kingsley)
May 29-30	Making a Hunting Knife (Jordan Tatom)
June 1	Toni Twist Pen (Merrill)
June 6, 20	Hand Tool Coaching (Stewart)
June 6	Intro to Woodburning (Becker)
June 6	Carved Walking Stick—3 sessions (Dick Burlingame)
June 8	Intro to Basic Finishing (Mee)
June 10	Router 201 (Rudkin)
June 11	Bandsaw Tune-Up
June 16, 30	Art of Woodburning (Becker)
June 17	Lathe Tool Sharpening (Young)
June 18	Hand Tool Sharpening (Stewart)
June 20	Spindle Turning (Smith)
June 20	Porter Cable Dovetails (Cornell)
June 24	Wall Street II Stylus (Merrill)
June 25	Turn a Bowl (Young)
June 27	Special Boxes (John Lee)

KANSAS

WOODCRAFT

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

May 2-3	Make a Kitchen Cabinet (Kevin Newman)
May 5	Basic Router Techniques (Mike Cobb)
May 10	Pen Turning for Beginners (Chris Teenor)
May 12	Sharpening Basics—The Skill of a Lifetime (Cobb)
May 14	Build a Long Bow—2 sessions (Gary Kepko)
May 16	Keeping Dust Out of Your Lungs
May 17	Turn a Vase for May Flowers (Anthony Harris)
May 23	Make Your Own Japanese Kitchen Knife (Mike Jones)
May 23	Router Magic
May 31	Learn to Turn a Platter (Harris)
June 6	Build a Bookcase (Newman)
June 7	Sharpening Your Lathe Tools (Harris)
June 14	Pen Turning for Beginners (Teenor)
June 17	Intermediate Router Techniques (Cobb)
June 20	Scroll Saw Techniques (David Roth)
June 20	Spray Finishing for Great Results
June 23	Total Package Finishing—3 sessions (Craig Arnold)
June 27	Bandsaw Tune-Up
June 28	Turn a Goblet or Scoop on the Lathe (Harris)

MISSOURI

AMERICAN WOODWORKING ACADEMY

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

May 2-3	CNC Routing Techniques
July 2	Master Woodworking Program—22-44 weeks
Aug. 7-9	Fundamentals of Woodworking
Aug. 21-23	Basic Cabinetmaking

MONTANA

CHIDWICK SCHOOL OF FINE WOODWORKING

146 Crooked Pine Rd., Stevensville, MT (406) 546-7130

July 6, 27	Sculpted Rocking Chair—11 sessions (Andy Chidwick)
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NEBRASKA

MID-AMERICA WOODCARVERS ASSOCIATION

Doane College, Crete, NE (308) 627-4435

July 26-Aug. 1	The Doane Woodcarving Experience
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SUMMER EDUCATION PREVIEW

MIDWEST WOODWORKERS

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

May 1, 2, 4	Beginning Scroll Saw I
May 2	Advanced Scroll Saw II
May 3	Carving Whimsy Bark Houses—2 sessions
May 7	Finishing
May 9	Box Making
May 12	Bowl Turning—2 sessions
May 14	Tablesaw Basics
May 15, 30	Finishing
May 16	Intro to Spindle Turning
May 18	Window Method Marquetry
May 19	Router Basics
May 20	Sharpening
May 21	Carving Figurines I
May 22	Turning Boxes
May 26	Chip Carving I
May 27	Jointer/Planer/Bandsaw Basics
May 28	Cabinet Series—3 sessions
May 29	Hand Planes
May 31	Tablesaw Basics
June 1, 8	Beginning Scroll Saw I
June 4, 5, 6	Pen Turning I
June 6	Pen Turning: Acrylics
June 7	Carving Figurines I
June 9	Router Basics
June 11, 13	Beginning Scroll Saw I
June 12, 23	Sharpening
June 13	Advanced Scroll Saw II
June 16	Architectural Carving
June 19	Finishing
June 20	Segmented Turning
June 26	Joinery
June 27	Router Basics
June 28	Carving Figurines II
June 30	Tablesaw Basics

NEVADA

COMMUNITY COLLEGE OF SOUTHERN NEVADA

Las Vegas, NV (702) 651-4059

May 18	Basic Woodworking—6 sessions (Jaime Yocono)
May 27	Advanced Cutting Board Techniques—8 sessions (Yocono)
July 14	Table Making—6 sessions (Yocono)
July 16	Basic Woodworking—6 sessions (Yocono)

THE WOODWORKING SOURCE

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

May 6	Woodturning: Spindle Turning
May 14	Woodturning I
May 15	Pen Turning
May 29	Woodturning III: Beginning Bowl
June 3	Woodturning I: Intro to Woodturning

UNIVERSITY OF NEVADA

Las Vegas, NV (702) 895-3394

May 19	Woodworking I—6 sessions (Jaime Yocono)
May 21	Making a Work Bench—6 sessions (Yocono)
July 13	Making a Wall Cabinet—6 sessions (Yocono)
July 22	Woodworking I—6 sessions (Yocono)

WOOD IT IS

North Las Vegas, NV (702) 631-1870

May 18, 19	Basic Woodworking—6 sessions (Jaime Yocono)
May 21	Making a Workbench—6 sessions (Yocono)
May 27	Advanced Cutting Board Techniques—6 sessions (Yocono)
July 12	Making a Wall Cabinet—6 sessions (Yocono)
July 14	Table Making—6 sessions (Yocono)
July 18, 22	Basic Woodworking—6 sessions (Yocono)

WOODTURNING WITH JIMMY CLEWES

Las Vegas, NV (702) 387-2033

May 4, 27	Woodturning—3 sessions
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NEW MEXICO

SANTA FE COMMUNITY COLLEGE

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

June 8	Intro to the Fine Art of Woodworking—4 weeks
June 8	Wood Hand Plane—8 sessions
June 8	Woodturning—8 sessions

July 6	Woodturning—8 sessions
July 27-31	Build a Router Table

OKLAHOMA

MOORE NORMAN TECHNOLOGY CENTER

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

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

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

May 2	Turning 101 (Larry Davison)
May 10	Scandinavian Flat Plane Carving (Steve Brandt)
May 13	Tuning a Hand Plane (Jim Mercer)
May 15	Knife Making (Adam Unsell)
May 23	Bowl Turning (Unsell)
May 27	Build a Raised Panel Door (Aaron Knavel)
June 6	Beginning Woodworking: Trivet (Mike Forrest)
June 10	Hand Cut Dovetails (Mercer)
June 13	Bowl Turning (Knavel)
June 14	Spoon Carving (Brandt)
June 19	Pen Turning (Forrest)
June 24	Build a Raised Panel Door (Knavel)
June 27	Beginning Woodworking (Wayne Meiser)

WOODCRAFT—Tulsa

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

May 2	Wood Burning (Mark McNutt)
May 5	Basic Bowl Turning (Larry Exendine)
May 7	The Table Saw (Steve Singleterry)
May 12	Beginning Scroll Saw (Paul Chrismon)
May 14	Pen Turning (Exendine)
May 21	Drills & Drill Presses (Singleterry)
May 23	Pen Turning (Chrismon)
May 26	Turn a Lidded Box (Exendine)
May 28	Wood Preparation and Basic Finishing (Singleterry)
May 30	Knife Kit (Singleterry)
June 4	Router Fundamentals (Singleterry)
June 6	Intro to Woodcarving (Jerry Watts)
June 9	Basic Bowl Turning (Exendine)
June 11	Basic Router Table (Singleterry)
June 16	Pepper Mill (Chrismon)
June 18	Pen Turning (Exendine)
June 23	Sharpening Your Lathe Tools (Chrismon)
June 25	The Router Table: Part II (Singleterry)
June 27	Pen Turning (Exendine)
June 30	Hand Planes: Tuning (Chrismon)

OREGON

ADX

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

May 5, 19	Upholstery 101: Intro to Upholstery Tools
May 13, 27	Intro to Wood
June 2, 16, 30	Upholstery 101: Intro to Upholstery Tools
June 10, 24	Intro to Wood
June 22-26	Academy: Wood
July 23-26	Hollow Wood Surfboard Building (Grain Surfboards)

AMERICAN SCHOOL OF LUTHERIE

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

May 24-26	Setup, Maintenance & Basic Repair (Fox)
June 15-19	Contemporary Guitar Making
June 26-27	Guitar Tune-Up
July 6-10	Guitar Design
July 19-25	Hands-On Classical Guitar Making: Electric (Charles Fox)
Aug. 10-14	Advanced Design Features

ECONEST

Ashland, OR (541) 488-9508

June 15-21	Japanese Tools & Joinery
July 6-10	Timber Framing
July 20, 29	Roof Construction—4 sessions

GUILD OF OREGON WOODWORKERS

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

May 2	Basics of Fine Woodworking—10 sessions
May 2	Furniture Restoration (Frank LaRoque)
May 9	Sharpening (LaRoque)
May 16	Dovetail Joints (Dennis Rodrigues)
May 16	Build a Jewelry Box (Bill Bolstad)

SUMMER EDUCATION PREVIEW

May 26 Think Finish Before You Start Building (Chip Webster)
 May 30 Repairing Old Chairs (LaRoque)
 Jun. 13 Frame & Panel Construction: Build a Door (Rodrigues)
 June 27 The Art of Live-Edge (Austin Heitzman)

NORTHWEST WOODWORKING STUDIO

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

May 4-8 The Hand Tool Shop: Joinery & Inlay (Gary Rogowski)
 May 16-17 Intro to Woodworking (Zach Malcolm)
 May 30 Design Strategy: Dining Table (Rogowski)
 June 15-19 Masterworks: Joinery Concentration: Dovetails (Rogowski)
 June 22-26 Masterworks: Joinery Concentration on Mortise & Tenons (Rogowski)
 July 17-19 Three Simple Finishes (Rogowski)
 July 24-26 Inlay Secrets (Rogowski)
 July 31-Aug. 2 Chair Design Strategy (Rogowski)
 Aug. 10-14 Shaker Table with Drawer (Rogowski)
 Aug. 24-28 Mirror, Mirror (Rogowski)
 Aug. 3-8 Continuous Arm Windsor Chair (Elia Bizzarri)

OREGON COLLEGE OF ART & CRAFT

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

May 15-17 Bamboo: From the Grove to the Studio (Charissa Brock)
 May 29-30 Wooden Boxes (Amanda Wall-Graf)
 June 11 Build a Telecaster Electric Guitar—10 sessions (Daniel Bjorke)
 June 24 Fundamentals of Furnituremaking—10 sessions (Sterling Collins)
 July 6 Bending Wood—5 sessions (Wall-Graf)
 July 18-19 Turning Bowls (Sterling 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

May 2 CNC Piranha
 May 9 Pen Turning
 May 16 Soy Gel & Java Gel Stain
 May 23 Kreg K5 Pocket Hole System
 May 30 Rockler Box Joint Jigs
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

SITKA CENTER FOR ART

Otis, OR (541) 994-5485

June 23-26 Carve a Bear, Wolf or Eagle Mask (Jay Haavik)
 July 20-22 Sculpt a Bamboo Vessel (Charissa Brock)
 July 24-25 Carve an Animal that Fits in Your Hand (Stan Peterson)
 Aug. 13-15 Carving & the World of Hardwoods (Monica Setziol-Phillips)

WOODCRAFT—Eugene

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

May 2 Intro to Google SketchUp (Joe Essin)
 May 2 Turn a Lidded Box (Steve Woods)
 May 9 Kreg Jig Basics (Ray Salgado)
 May 9 Make a Wooden Whistle (Essin)
 May 14 Java Gel Stain Makeover (Essin)
 May 16 Router Intensive (Essin)
 May 21 The Bullet Proof Finish: Done Fast, Done Right (Essin)
 May 23 Lathe Intensive: An Applied Course in Turning (Woods)
 May 24 Intermediate Scroll Saw: Wildlife Setting (Robert Fleck)
 May 30 Spray Finishing with an HVLP System (Essin)
 May 31 Carving Basics & Beyond (Dave Disselbrett)
 June 4 Making Grain & Color Pop (Essin)
 June 6 Handtool Intensive (Essin)
 June 6 Intro to CNC Routers (Essin)
 June 13 Table Saw Techniques (Salgado)
 June 13 Cut Apart Bandsaw Box (Mike Luke)
 June 18 Bullet Proof Finish: Done Fast Done Right (Essin)
 June 20 Lathe Intensive
 June 21 Carving Basics & Beyond (Disselbrett)
 June 27 Spray Finishing with HVLP
 June 27 Turn a Writing Pen (Scott Sucamele)
 June 28 Basic Scroll Saw Fretwork (Fleck)

WOODCRAFT — Portland

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

May 7 How Do I Get Started in Woodworking? (Agnes Green)
 May 9-10 Finishing 1 & 2 (Joe Cornett)
 May 14 Power Tool Fundamentals: The Table Saw (Mike Shea)
 May 16 Turning a Lidded Box (Tim Kluge)

May 17 Build a Damascus Knife (Shea)
 May 21 Power Tool Fundamentals: The Band Saw (Michael Weisman)
 May 23 Beginning Scroll Saw (LeRoy Nollette)
 May 24 Woodburning with Shirley (Shirley Malar)
 May 28 Power Tool Fundamentals: Router & Router Table (Jarrod Murphree)
 May 30 Achieving a Keen Edge: Hand Tool Sharpening (Jeff Zens)
 May 31 Pen Turning
 June 6 Woodworking for Women: Foot Stool (Allison Geary)
 June 11 Power Tool Fundamentals: The Jointer & Planer (Murphree)
 June 13 Beginning Lathe Turning Fundamentals (Kluge)
 June 14 Bowl Turning Basics (Kluge)
 June 20 Intarsia: Build a Dolphin (Duane Taylor)
 June 21 Intermediate Intarsia (Taylor)
 June 25 How Do I Get Started in Woodworking? (Green)
 June 27 Intro to Wood Carving (Nollette)
 June 28 Turning a Lidded Box (Kluge)

WOODCRAFTERS

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

May 2 Woodcarving (Jim Orman)
 May 9 Guitar Making (Dan Bjorke)
 May 16 Wildlife Woodcuts (Debby Neely)
 May 23 Pyrography (Shirley Malar)
 May 30 Woodturning (Fred Kline)
 June 6 Woodcarving (Jim Tharp)
 June 13 Woodcarving (Neely)
 June 13 CNC Demo (Craig Jones)
 June 20 Woodcarving (Wayne Holdahl)
 June 22 Katz Roadshow: Remodeling (Mike Sloggatt)
 June 27 Wood Automation (Wayne Haack)

SOUTH DAKOTA

SIOUX FALLS SCHOOL DISTRICT

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

May 16 Bandsaw Boxes

TEXAS

CANYON STUDIOS

Copper Canyon, TX (940) 455-2394

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

HERITAGE SCHOOL OF WOODWORKING

Waco, TX (254) 754-9645

May 6 Joinery I: Woodworking with Hand Tools
 May 7-9 Joinery II: Woodworking Basics
 May 15 The Art of Inlay
 May 16 Chip Carving
 May 20-23 Fine Keepsake Box Making
 May 28-30 Woodturning Basics
 June 1-13 Brazos Rocker
 June 22-27 Foundational Joinery Course
 June 22-24 Joinery II: Woodworking Basics
 June 25-27 Joinery III: Beginning Furniture Making
 July 6-11 Traveling Tool Box
 July 20-Aug. 1 4-Drawer Dresser
 Aug. 8 Joinery I: Woodworking with Hand Tools
 Aug. 17-22 Foundational Joinery Course
 Aug. 17-19 Joinery II: Woodworking Basics
 Aug. 24-29 Brazos Dining Chair

MOHAWK FINISHING PRODUCTS

Dallas, TX (800) 545-0047

June 9-10 Wood Touch-Up & Repair

PIONEER FARMS

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

May 10 Planes in the Woodshop
 May 16-17 Knifemaking
 June 14 Handtool Woodworking
 June 20-21 Knifemaking
 July 12 Planes in the Woodshop
 July 18-19 Knifemaking
 Aug. 9 Handtool Woodworking
 Aug. 15-16 Knifemaking

ROCKLER WOODWORKING & HARDWARE — Dallas West

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

May 2 CNC Piranha

WWW.ACCURATEDOVETAILS.COM

SUMMER EDUCATION PREVIEW

May 9 Pen Turning
 May 16 Soy Gel & Java Gel Stain
 May 23 Kreg K5 Pocket Hole System
 May 30 Rockler Box Joint Jigs
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

ROCKLER WOODWORKING & HARDWARE — Dallas East **800 N. Coit, #2500, Richardson, TX (972) 613-8848**

May 2 CNC Piranha
 May 7 Rail and Stile Doors
 May 9 Pen Turning
 May 9 Flocking 101
 May 14 Spindle Turning
 May 16 Soy Gel & Java Gel Stain
 May 16 Rockler Shutter System
 May 21 Pen Turning
 May 23 Kreg K5 Pocket Hole System
 May 23 General Finishes EF High Performance Top Coat
 May 28 Beginning Router Table
 May 30 Rockler Box Joint Jigs
 May 30 Micro Jig
 June 4 Beginning Bowl Turning
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 6 Stripping Furniture
 June 11 Dovetail Jig
 June 13 Rockler Small & Large Box Spline Jigs
 June 13 Rockler Dowling Jig
 June 18 Basic Finishing
 June 20 Rockler Dado & Coping Jigs
 June 20 Pen Turning Using Acrylic Blanks
 June 25 Box Making on the Router Table
 June 27 CNC Shark
 June 27 Rockler Rail Coping Sled

ROCKLER WOODWORKING & HARDWARE — Houston **3265 SW. Fwy., Houston, TX (713) 622-6567**

May 2 CNC Piranha
 May 9 Pen Turning
 May 9 Basic Bowl Turning
 May 16 Soy Gel & Java Gel Stain
 May 16 Spraying Finish with HVLP Gun
 May 23 Joinery Made Easy: Kreg K5 Pocket Hole System
 May 30 Rockler Box Joint Jigs
 May 30 Rockler Small Box Spline Jig
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

TECHSHOP

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

THE OLD TEXAS WOODCARVERS SHOP **24802 Red Oak, Magnolia, TX (800) 752-9781**

Wed. Carving Classes

WOODCRAFT — Austin

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

May 2 Woodshop 101 (Sandy Sternadel)
 May 3 Router Magic (Jerry Davis)
 May 4-6 End-Grain Cutting Board (Sternadel)
 May 8-10 Cabinet Making (Ron Marcil)
 May 11 Finish the Job: Selecting the Right Finish (Rick Chichester)
 May 12 Beginners Lathe Class (Sternadel)
 May 13 Intro to Scroll Saw Projects (Terrie Lynn Bach)
 May 14 Sharpening A-Z (Davis)
 May 15-17 Hand-Made Tunable Flute (Paul Volpe)
 May 18 Basic Figure Carving: Boot (Joe Gallio)
 May 19 Turning Acrylic Pens (Chris McCarron)
 May 19 Turning a Wooden Pen (McCarron)
 May 20 Intro to Hand Planes (Curtis Turner)
 May 21 Get a Handle on Knife Making (Reuben Martin)
 May 22-24 Build Your Texas Star (Pete O'Rourke)
 May 25 Table Saw Basics (Marcil)
 May 26 Band Saw Basics & Tuning (Davis)
 May 27 Prep Your Wood: Measure Twice, Cut Once! (Chichester)
 May 28 Router Basics (Davis)
 May 29-31 Garden Bench (Martin)

June 2 Beginner's Lathe Class (Turner)
 June 3 Spray Your Finish! (Davis)
 June 6 Router Magic (Davis)
 June 7 Woodshop 101 (Sternadel)
 June 8-11 Woodworking for Kids (Paul Sauder)
 June 8-9 Make a Clamshell Box (Chichester)
 June 10 Cutting & Applying Crown Molding (Kenneth Lightle)
 June 12 CNC101 (William Haines)
 June 13 Hand-Cut Dovetails (James Oliver)
 June 14 Build a Trick Box (Martin)
 June 15-16 Woodworking Basics for Women (Marcil)
 June 17-18 Turning a Pepper Mill (Sauder)
 June 19 Pick Your Lathe Project: Instructional Class (David Dick)
 June 19-21 Wall Mounted Display Cabinet (Davis)
 June 22 Band Saw Basics & Tuning (Davis)
 June 23 Prep your Wood: Measure Twice, Cut Once! (Chichester)
 June 24 Router Basics (Davis)
 June 25 Table Saw Basics (Marcil)
 June 26 Shaker-Inspired Step Stool (Sauder)
 June 29 Get a Handle on Knife Making (Martin)
 June 30 Turning a Wooden Pen (McCarron)
 June 30 Turning Acrylic Pens (McCarron)

WOODCRAFT — Dallas

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

May 5-6 Raised Panel Doors (Howard Hale)
 May 7 Basic Turning—3 sessions (John Horn)
 May 9 Basic Pen Turning (Russell Bishop)
 May 10 Finishing for the Home Shop (Hale)
 May 11-12 Band Saw Box (Mark Seay)
 May 13 Square Board Fundamentals (Hale)
 May 16-17 Basic Woodworking (Martin Benchot)
 May 18-20 Build an End-Grain Cutting Board (Seay)
 May 22-24 Build a Traditional Bamboo Backed Long Bow (Tom Turgeon)
 May 25-26 Glass Panel Doors (Hale)
 May 28 Old World Hand Tool Cabinet: Base Unit—7 sessions (Hale & Seay)
 June 2 Square Board Fundamentals (Hale)
 June 4 Basic Turning—3 sessions (Horn)
 June 9-10 Build a Wooden Hand Plane (Hale)
 June 13 Basic Pen Turning Class (Bishop)
 June 14 Woodcarving for Beginners (Paul DeMars)
 June 16-17 Build a Spline Corner Keepsake Box (Seay)
 June 20-21 Basic Woodworking (Benchot)
 June 23-24 Hand Cut Dovetails (Hale)
 June 27 Hand Tool Basics & Sharpening (Hale)
 June 28 Advanced Celtic Knot Pen Class (Bishop)
 June 29 Build an End-Grain Cutting Board—3 sessions (Seay)

WOODCRAFT — Fort Worth

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

Tues./Fri. Woodcarving Workshop (Steve Schoolar)
 May 7 Band Saw Tuning & Resawing (Lee Sutton)
 May 9 Beginning Pen Turning (Chris Denson)
 May 14 Beginning Wood Turning (Sutton)
 May 16 Damascus Knife Class (Sutton)
 May 19 Intro to Power Tools (John Lester)
 May 21 Sharpening Turning Tools (Denson)
 May 26 Beginning Scroll Saw (Lester)
 May 30 Stylish Navigator Pen with CA Finish (Denson)
 June 6 Beginning Carving (Sutton)
 June 13 Bowl Turning 101 (Denson)
 June 18 Overview of Finishing (Sutton)
 June 20 Turn a Pepper Mill (Sutton)
 June 23 Intro to Power Tools (Lester)
 June 27 Turning a Lidded Box (Denson)
 June 30 Beginning Scroll Saw (Lester)

WOODCRAFT — Houston North

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

May 2-3 Intro to Cabinet Making (Stan Smith)
 May 7 Pen Turning: The European (Charlotte Price)
 May 10 Basic Router Class (Phil Elmore)
 May 16 Making a Cathedral Raised Panel Door (Mike Vetrano)
 May 17 Intro to Woodworking Machines (Wendell Willoughby)
 May 30 Finishing Techniques 101 (Stuart Tapper)
 May 31 Handcut Dove Tails (Chris Brown)
 June 4 Pen Turning: The European (Price)
 June 6-7 Intro to Cabinet Making (Smith)
 June 11 Natural-Edge Bowl Turning (Paul Kendall)
 June 13 Intro to Bowl Turning (Kendall)

SUMMER EDUCATION PREVIEW

June 14 Basic Router Class (Elmore)
 June 20 Finishing Techniques 101 (Tapper)
 June 21 Intro to Woodworking Machines (Willoughby)
 June 25 Acrylic Pen Turning (Price)
 June 28 Handcut Dove Tails (Brown)

WOODCRAFT — Houston Southwest

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

May 7 Handmade Texas Star (Fred Sandoval, Jr.)
 May 9-10 Basic Cabinet Making (Mike Haynes)
 May 10 Pyrography 101: Wood Burning (John Husband)
 May 14 Basic Pen Turning 101 (Randy Abramson)
 May 17 Bowl Turning Introduction (Paul Kendall)
 May 21 Router Techniques 101 (Ken Swink)
 May 23-24 Build an Electric Guitar (Frank Coleman)
 May 28 Fundamental Woodworking Classes (Sandoval, Jr.)
 May 31 Intro to Box Making (Kevin McMullen)

WOODCRAFT — San Antonio

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

May 1 Tuning & Using Your Hand Plane (Joel Jackson)
 May 4 Jointer & Planer Basics (Jackson)
 May 8 Turn a Peppermill (Louis Jordan)
 May 9 Festool Essentials (James Parsons)
 May 15 Contemporary Windsor Chairmaking—6 sessions (Jackson)
 May 21 Refinishing Kitchen Cabinets (Kelly Ventress)
 May 22 Learn to Turn on the Lathe (Jordan)
 May 28 Scroll Saw Basics: Puzzle (Jordan)
 May 30 The Mysteries of Milk Paint Uncovered (Jackson)
 June 6 Woodworking for Women: Cutting Board (Ventress)
 June 7 Small Project Bentwood Lamination (Jackson)
 June 12 Inside-Out Turning (Jordan)
 June 14 Make a Flag Case for Flag Day
 June 18 Jointer & Planer Basics (Jackson)
 June 19-21 Build a Traditional Bamboo-Backed Long Bow (Tom Turgeon)
 June 26 Learn to Turn on the Lathe (Jordan)
 June 27 Festool Essentials (Parsons)

WORTHEFFORT WOODWORKING

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

Thurs. After Lunch Bunch
 Thurs. Intro to Woodworking
 Thurs. Tool-N-Technique

UTAH

CRAFT SUPPLIES USA

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

May 18-22 Signature Woodturning (Kirk DeHeer)
 June 1-5 Basic Woodturning (Dale Dallan)
 Jun. 18-19 Boxes & Threading (DeHeer)
 July 9-10 Hollow Forms (DeHeer)
 July 15-17 Basic Woodturning (Record)
 July 20-24 Signature Woodturning (Mike Jackofsky)
 Aug. 5-7 Intermediate Woodturning (Stan Record)
 Aug. 27-28 Game Call Making (DeHeer)
 Aug. 31-Sept. 4 Basic Woodturning (Stan Record)

UTAH WOODTURNING SYMPOSIUM

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

May 14-16 Symposium with over 80 demonstrations

WOODCRAFT

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

May 2 Turn a Segmented Turning—2 sessions (Raleigh Lockhart)
 May 16 Carving (Marilyn Ure)
 May 21 Turn a Premier Cigar Pen (Wes Bowling)
 May 23 Demo Day
 May 30, 31 Intro to Picture Framing (Scott Gardner)
 June 6 Turn a Leaf Shaped Bowl (Lockhart)
 June 13 Furniture Making (Ryan Balls)
 June 20 Carve a Spirit in Walking Stick (Ure)

WASHINGTON

ARBUTUS FOLK SCHOOL

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

May 7-10 Doors, Drawers and Windows (Randi Parkhurst)
 May 9 Woodturning (Larry Miller)
 May 17 Chisel & Toolmaking (Kelly Rigg)
 June 6-7 Native American Flute Making Workshop (Peter Ali)

June 13 Woodturning (Miller)

BALLARD WOODWORKS

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

May 10 Finishing Class (Stan Hiserman & Scott Anderson)
 July 6, 9 Intro to Woodworking—6 sessions (Hiserman & Anderson)

CEDAR ROOT FOLK SCHOOL

Marrowstone Island, WA (360) 379-5413

June 20-21 Platter Carving

CENTER FOR WOODEN BOATS

Seattle, WA (206) 382-2628

May 23-24 Women's Woodworking (Catie Chaplan)
 May 30-31 Lofting (Eric Hvalsoe)
 July 3-11 Kayak Building (Corey Freedman)
 Aug. 29-30 Women's Woodworking (Chaplan)

DARRELL PEART FURNITUREMAKER

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

May 11-16 Greene & Greene Style Blanket Chest
 May 25-29 Rafter Tail Tables
 June 8-12 Rafter Tail Tables
 June 22-27 Greene & Greene Style Blanket Chest
 July 13-18 Greene & Greene Style Blanket Chest
 Aug. 1 Tahoma Frame
 Aug. 2 Greene & Greene Fingers
 Aug. 22 Tahoma Frame
 Aug. 23 Greene & Greene Fingers

MOHAWK FINISHING PRODUCTS

Seattle, WA (800) 545-0047

June 2-3 Wood Touch-Up & Repair

NORTHWEST CARVING ACADEMY

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

July 12-17 12 Woodcarving Classes

NORTH SEATTLE COMMUNITY COLLEGE

Seattle, WA (206) 527-3705

May 9 Upholstery for Beginners

NORTHWEST CORNER WOODWORKERS

Bellingham, WA (360) 629-6670

May 2 Finishing Techniques (Phil Choquette)
 May 9 Handcut Dovetail Joinery (Val Matthews)
 May 16 Basics of Vacuum Applications (Greg Koenker & Jim Bucknell)

NORTHWEST MARITIME CENTER

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

July 9-12 Hollow Wood Surfboard Building (Grain Surfboards)

PORT TOWNSEND SCHOOL OF WOODWORKING

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

May 4-8 Hand Tool Heaven (Abel Dances & Jim Tolpin)
 May 11-15 Furniture Essentials: Side Table (Dances & Tolpin)
 May 16-17 Hand Plane Essentials (Matthew Straughn-Morse & Tolpin)
 May 18-22 Foundations of Woodturning (Bonnie Klein)
 May 18-22 Furniture Essentials: Slab Coffee Table (Dances)
 May 25-29 Woodworking for Women (Martha Collins)
 May 25-29 Turning Bowls & Boxes (Klein)
 June 1-5 Hand Tool Heaven (Dances & Tolpin)
 June 8-12 Joinery Essentials: Chisel Cabinet (Straughn-Morse & Tolpin)
 June 15-20 Balloon Back Windsor Chair (Peter Galbert)
 June 22-26 Chairmaking (Tom Dolese)
 July 6-10 Hand Tool Heaven (Tolpin)
 July 13-17 Digital Design & Fabrication (Randy Johnson)
 July 13-24 Furniture Essentials: Standing Desk (Straughn-Morse & Tolpin)
 July 18-19 Intro to Digital Design & Fabrication (Johnson)
 July 20-24 Build a Skateboard (John Edwards)
 July 27-31 Gypsy Wagons & Tiny Homes (Steve Habersetzer & Dances)



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

Woodworker West

SUMMER EDUCATION PREVIEW

Aug. 3-14 Carving Carousel Animals (Bill Dentzel)
 Aug. 3-7 Building Hollows & Rounds (Matt Bickford)
 Aug. 8-9 Mouldings in Practice (Bickford)
 Aug. 10-14 Hand Tool Heaven (Tolpin)
 Aug. 15-16 Coopering (Habersetzer)
 Aug. 24-29 Hand Crafted Chippendale Chair (Jeff Miller)
 Aug. 31-Sep. 11 Cabinet Curiosities (Garrett Hack)

PRATT FINE ARTS CENTER

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

May 6 Woodturning Boxes—4 sessions (Tom Henscheld)
 May 9-10 Woodworking Fundamentals (Steve Dando)
 May 14 Creative Small Cabinets—8 sessions (Stephen Ruden)
 May 16-17 Carvin' Copy (Julia Harrison)
 May 23-24 Framing & Matting (Todd Jannausch)
 June 2 Beginning Woodworking (Dando)

ROCKLER WOODWORKING — Seattle North

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

May 2 CNC Piranha
 May 9 Pen Turning
 May 16 Soy Gel & Java Gel Stain
 May 23 Kreg K5 Pocket Hole System
 May 30 Rockler Box Joint Jigs
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Rockler Dado & Coping Jigs
 June 27 CNC Shark

ROCKLER WOODWORKING — Seattle South

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

May 2 Table Saw Setup and Jigs
 May 2 CNC Piranha
 May 9 Basic Turning: Pepper Grinders
 May 9 Pen Turning
 May 16 EZSmart EZ-One Table System
 May 16 Soy Gel & Java Gel Stain
 May 23 Turning a Bottle Opener
 May 23 Kreg K5 Pocket Hole System
 May 30 Basic Bowl Turning
 May 30 Rockler Box Joint Jigs
 June 6 Rockler Drawer Slide Jig
 June 6 Rockler Thin Rip, Cove & Taper Jigs
 June 13 Table Saw Set-Up & Jigs
 June 13 Rockler Small & Large Box Spline Jigs
 June 20 Turning Segmented Bowls
 June 20 Rockler Dado & Coping Jigs
 June 27 Pen Turning
 June 27 CNC Shark

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

June 1-5 Build an Adjustable Back Chair (Tom Dolese)

WOODCRAFT — Seattle

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

Weds. Handmade: Open Shop Class—Ongoing (Steve Dando)
 May 1-2 Turning 101 (Jack Wayne)
 May 3 Sharpening 101 (Drew Eballo)

May 6 Table Saw 101 (Dando)
 May 8-9 Turning 101 (Wayne)
 May 10 Turning Tool Sharpening (Eballo)
 May 11 Sawdust Therapy I: Beg. Woodworking—5 sessions (Dando)
 May 13 Bandsaw 101 (Dando)
 May 16 A Journey on Joinery: Beginning (Jerry Bass)
 May 17 Intro to Google SketchUp for Woodworking (Bass)
 May 20 Router 101 (Dando)
 May 22-23 Turning 101 (Wayne)
 May 24 Bottle Stoppers: A Starter Course (David Lippincott)
 May 27 Router 102 (Dando)
 May 29 Sharp Pointy Things: Knife Making (Ian Mcpherson)
 May 30 Sharpening 102: Waterstones (Eballo)
 May 31 Bolt Action Pen (Lippincott)
 June 4 Sawdust Therapy I: Beg. Woodworking—5 sessions (Dando)
 June 5-6 Turning 101 (Wayne)
 June 7 Learn to Turn (Lippincott)
 June 13 A Journey on Joinery: Beginning (Bass)
 June 14 Intro to Google SketchUp for Woodworking (Bass)
 June 15 Sawdust Therapy I: Beg. Woodworking—5 sessions (Dando)
 June 19 Sharp Pointy Things: Knife Making (Mcpherson)
 June 20 Sharpening 101 (Eballo)
 June 20 Turning Tool Sharpening (Eballo)
 June 21 Intermediate Google Sketch Up (Bass)
 June 26-27 Turning 101 (Wayne)
 June 28 Executive Pen (John Jones)

WOODCRAFT — SPOKANE

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

May 1 Router 101 (Denny Carson)
 May 2 Scroll Saw Basics (Harlem Sandberg)
 May 3 Sharpening Hand Tools (David Shockley)
 May 9 Advanced Pen Turning (John Ferrell)
 May 10 Basic Woodshop Safety (Curtis Rew)
 May 13-15 Basic Cabinet Making (Carson)
 May 16 Intermediate Carving (Scott McQuarrie)
 May 17 Lumber Preparation: From Rough to Ready (Rew)
 May 23 Intro to the Wood Lathe (Pat Hickey)
 May 23 Basic Bowl Turning (Hickey)
 May 24 The European Style Pen (Ferrell)
 May 29 Basic Woodshop Safety (Rew)
 May 30-31 Dovetailed Box with the Leigh Jig (Carson)
 June 6 Pen Turning Basic (Ferrell)
 June 7 Basic Woodshop Safety (Rew)
 June 8-10 Basic Cabinet Making (Carson)
 June 13 Intro to Pyrography/Woodburning (Doris Munson)
 June 14 Basic Woodworking Joinery (Rew)
 June 20 Turning a 6" Peppermill (Hickey)
 June 21 Intermediate Scroll Sawing (Sandberg)
 June 26 Basic Woodshop Safety (Rew)
 June 27 Intro to Carving (McQuarrie)
 June 28 Casting Acrylic Pen Blanks (Ferrell)

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Profile: Dean Pulver



In Flight
Mahogany, Walnut
(38" h, 35" w, 7" d)

Primitive Modern Cafe Table and Chairs
Walnut
Table: (42" h, 36" dia.)
Chairs: (42" h, 24" w, 24" d)



Growing up in Minnesota, my home was filled with creativity. My father was an illustrator, artist, and painter; my mother was a fiber artist and clothing designer. I went to the Philadelphia College of Art, initially as an illustrator, but I found 3-dimensional forms more interesting, which lead me to the sculptural world of working in clay, metal, and stone.

Though I did take a woodworking furniture class in college, I really did not start working in wood until I moved to Massachusetts, where I took a job at a Shaker furniture company. This was straight-forward, efficient, machine work, producing a specific line of furnishings. In 1991, my wife **Abby Salisbury**, a ceramicist, and I opened *The Artistry* gallery in Hoisatonic, MA, and I began making pieces for the gallery.

With little previous knowledge of furniture history, my early work was primarily client-driven, relying solely on fulfilling the customer's idea of aesthetics—such as Shaker, Mission, and Asian. Over time, I undertook my own furniture education—both in terms of style and techniques—while still developing my sculptural work. Finding that there was room to bring my sculptural ideas to the furniture world, I finally realized that I could channel all of my interests into the single form.

In 1996, I got the opportunity to be an assistant at the Anderson Ranch Arts Center woodworking program in Snowmass, CO. After the conclusion of the summer program, my wife and I went to Taos, NM, where we found a large community of artists and craftsmen living the lifestyle that we wanted to live surrounded by an incredibly beautiful landscape. After a year, we decided to stay, buy property, and live in an Airstream trailer for 2½ years,

until we were able to complete our house and start building our studios.

As a child of both Japanese and Anglo American cultures, one of my interests in furniture making is drawing from the design aesthetics of diverse cultures. I was particularly influenced by a museum exhibit on *Primitivism and Modern Art*, and I have since been designing and making pieces that have a similar spirit. My wife gave it the name *Contemporary Primitive*. My objective is to create pieces that are raw and honest and express perfection in imperfection. I now heavily use hand work to add texture to flat surfaces.

Many of my commissions are large and





Rhythms
Sycamore, Walnut
(36" h, 60" w, 15" d)

Tall Mirrored Cabinet
Mahogany, Paduak
(82" h, 24" w, 16" d)



long-term. I am currently working on a multi-year project of furnishing a complete home in Santa Barbara, CA. Since the client wanted an Asian-influence, I prepared by taking a trip to Japan and observing the work of Japanese craftsmen. I particularly noted their devotion towards doing their best and their patience for reaching that ultimate goal. I have tried to incorporate this approach into my own work, by taking more time to let each piece breathe and find its place rather than trying to rush to the finish line. I recently delivered the first shipment for the Santa Barbara house of cabinet built-ins and free-standing furniture, including the Asian-influenced bed (below).

For retailers, such as the website *Artful Home*, I have developed some limited production work of tables and seating, in which I have contained the costs. The console table *Rhythms* (above) is one of these pieces.

As an escape from the detailed functional elements of commissions, I find solace in pure sculptural work, exploring such themes as the wind blowing by, movement through space, and how light moves across a landscape. *In Flight* (upper left) is an example of this free-flowing work. Though I never really thought about it as creating a habitat, a number of my clients do purchase these wall pieces, which nicely complement the other furnishings.

I've been lucky to develop a clientele that appreciate my personal touch. It is all about making something that is very comforting and warming and fitting that will work well through the years.

I will be explaining some of my techniques in a *Bending, Shaping & Carving* workshop, which I am co-teaching with **Seth Rolland** at the Anderson Ranch Arts Center, Sept. 7-25. You are invited to see more of my work at the website: www.deanpulver.com

Asian Bed
Curly & Quilted Maple
(72" h, 74" w, 84" d)



CALENDAR & EVENT INDEX

MAY

- thru Jan. '16 **EXHIBIT:** *Stonington at 35* at Stonington Gallery **Seattle, WA.** (206) 405-4040.
- thru Dec. **EXHIBIT:** *Form/Unformed* at Dallas Museum of Art, **Dallas, TX.** (214) 922-1200.
- thru Nov. 4 **EXHIBIT:** *Tools in Motion* at George A. Spiva Center for the Arts, **Joplin, MO.** (417) 623-0183.
- thru Oct. 25 **EXHIBIT:** *The Tushanwan Pagodas* at S.F. Airport Museums, **San Francisco, CA.** (650) 652-2272.
- thru Oct. 3 **EXHIBIT:** *Ritual Offerings in Tibetan Art* at L.A. County Museum of Art, **Los Angeles, CA.** (323) 857-6000.
- thru Sept. 30 **EXHIBIT:** *Depth & Detail: Carved Bamboo from China, Japan & Korea* at Denver Art Museum, **Denver, CO.** (720) 865-5000.
- thru Sept. 27 **EXHIBIT:** *All That Glistens: Japanese Lacquer* at Denver Art Museum, **Denver, CO.** (720) 865-5000.
- thru Aug. 23 **EXHIBIT:** *Intersections* at Dallas Contemporary, **Dallas, TX.** (214) 821-2522.
- thru Aug. 16 **EXHIBIT:** *The New Frontier* at Bellevue Art Museum, **Bellevue, WA.** (425) 519-0770
- thru Aug. 15 **EXHIBIT:** *Life and Style in the Age of Art Deco* at S.F. Airport Museums, **San Francisco, CA.** (650) 652-2272.
- thru July 27 **EXHIBIT:** *Here & Now: Native Artists Inspired* at Burke Museum of Natural History and Culture, **Seattle, WA.** (206) 543-5590.
- thru July 26 **EXHIBIT:** *Finland: Designed Environments* at Nordic Heritage Center, **Seattle, WA.** (206) 789-5707.
- thru July 26 **EXHIBIT:** *National Exhibition of Folk Art in the Norwegian Tradition* at Vesterheim Norwegian-American Museum, **Decorah, IA.** (563) 382-9681.
- thru July 5 **EXHIBIT:** *Embodiments* at de Young Memorial Museum, **San Francisco, CA.** (415) 750-3600.
- thru July 5 **EXHIBIT:** *Our Fragile Home* at Irving Arts Center, **Irving, TX.** (972) 252-7558.
- thru June 30 **EXHIBIT:** *Birdhouse Exhibit* at Ogden Nature Center, **Ogden, UT.** (801) 621-7595.
- thru June 21 **EXHIBIT:** *Danish Modern* at Figge Museum, **Davenport, IA.** (563) 325-7804.
- thru June 14 **EXHIBIT:** *Creativity in Construction* at Gallery of the AAW, **St. Paul, MN.** (651) 484-9094.
- thru June 13 **EXHIBIT:** *Texas National 2015* at Cole Art Center, **Nacogdoches, TX.** (936) 468-1131.
- thru May 31 **EXHIBIT:** *Four Fine Craft Artists and Their Inspirations* at S.L.O. Museum of Art, **San Luis Obispo, CA.** (805) 543-8562.
- thru May 31 **EXHIBIT:** *Rising Star Furnituremakers* at NW Woodworkers Gallery,

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Seattle, WA. (206) 625-0542.			
thru May 31 EXHIBIT: <i>Small Treasures</i> at Long Beach Museum of Art, Long Beach, CA. (562) 439-211.		9-Sept. 13 EXHIBIT: <i>New Dutch Design</i> at S.F. Museum of Craft+Design, San Francisco, CA. (415) 773-0303.	
thru May 26 EXHIBIT: <i>Stephanie Brockway</i> at Guardino Gallery, Portland, OR. (503) 281-9048.		9-18 EXHIBIT: <i>Fine Furniture 2015</i> at Highlight Gallery, Mendocino, CA. (707) 937-3132.	
thru May 17 EXHIBIT: <i>Shaker Stories</i> at Sonoma Valley Museum of Art, Sonoma, CA. (707) 939-7862.		5-7 SHOW: <i>National Hardware Show</i> at Convention Center, Las Vegas, NV. www.nationalhardwareshow.com .	
thru May 17 EXHIBIT: <i>Seattle Collects Northwest Coast Native Art</i> at Seattle Art Museum, Seattle, WA. (206) 654-3100.		13-16 OPEN HOUSE: <i>Open House</i> at Legacy Woodworking, Springville, UT. (801) 491-0010.	
thru May 10 EXHIBIT: <i>Dining & Discourse</i> at Houston Center for Contemporary Craft, Houston TX. (713) 529-4848.		13 SHOW: <i>Penturners Rendezvous</i> at Utah Valley State, Orem, UT. www.penmakersguild.com .	
thru May 10 EXHIBIT: <i>Small Buildings: Built, Unbuilt, Unbuildable</i> , at Craft Alliance, St. Louis, MO. (314) 725-1177.		14-17 SYMPOSIUM: <i>Weekend with Wood</i> at Wood Magazine, Des Moines, IA. (888) 636-4478.	
thru May 8 EXHIBIT: <i>National Drawing and Small Sculpture Show</i> at Joseph A. Cain Memorial Gallery, Corpus Christi, TX. (361) 698-1216.		14-16 SYMPOSIUM: <i>Utah Woodturning Symposium</i> at Utah Valley University, Orem, UT. www.utahwoodturning.com .	
thru May 3 EXHIBIT: <i>Master Woodworking</i> at Forest Heritage Center, Broken Bow, OK. (580) 494-6497.		15-16 SHOW: <i>HandWorks 2015</i> , Amana, IA. www.handworks.co .	
thru May 3 EXHIBIT: <i>Arizona Indigenous</i> at Desert Botanical Garden, Phoenix, AZ. (480) 941-1225.		16-17 OPEN STUDIOS: <i>2015 Open Studio</i> , El Dorado Arts & Crafts Association, El Dorado, NM. (505) 466-6245.	
thru May 3 EXHIBIT: <i>Art Maui</i> at Maui Arts & Cultural Center, Kahului, HI. (808) 242-2787.		16 SWAP: <i>Pacific Northwest Tool Collectors</i> at Alki Masonic Hall, Seattle, WA. (503) 628-1488.	
1-31 EXHIBIT: <i>Matthew Werner</i> at Gallery M, Half Moon Bay, CA. (650) 726-7167.		16 SWAP: <i>Tool Swap Meet</i> at Anderson Plywood, Culver City, CA. (310) 397-8229.	
1-31 EXHIBIT: <i>Ray deVries</i> at Artwood, Bellingham, WA. (360) 647-1628.		21-June 14 EXHIBIT: <i>Art at the Source</i> at Sebastopol Center for the Arts, Sebastopol, CA. (707) 829-4797.	
2-3 EXHIBIT: <i>Cottonwood Art Festival</i> , Richardson, TX. (972) 744-4582.		21-27 EXHIBIT: <i>Handmade/Mindmade</i> at Zinc Details, San Francisco, CA. (415) 776-2700.	
3 SWAP: <i>Rocky Mountain Tool Collectors</i> , Monument, CO. (720) 338-4483.		22-24 FESTIVAL: <i>Downtown Denver Arts Festival</i> at Performing Arts Complex, Denver, CO. (303) 330-8237.	
3 SWAP: <i>Humboldt Antique Tool Auction</i> , Humboldt, IA. (515) 890-0262.		23-24 SHOW: <i>Truckee Building Show</i> at Truckee High School, Truckee,	

CALENDAR & EVENT INDEX

- 24-Sept. 6 **CA.** 530-587-3477.
EXHIBIT: *Contemporary Craft by Artist Veterans* at Craft & Folk Art Museum, **Los Angeles, CA.** (323) 937-4230.
- 28-31 **CONFERENCE:** *The Art of Kaleidoscopes* at Embassy Suites, **Covington, KY.** www.brewstersociety.com.
- 29-31 **SHOW:** *Dwell on Design* at Convention Center, **Los Angeles, CA.** (415) 373-5100.
- 30-Aug. 30 **EXHIBIT:** *MetaModern* at Scottsdale Museum, **Scottsdale, AZ.** (480) 994-ARTS.
- 30-Aug. 30 **EXHIBIT:** *Modern Twist* at Grace Hudson Museum, **Ukiah, CA.** (707) 467-2836.
- 30-Aug 30 **EXHIBIT:** *Phyllida Barlow* at Nasher Sculpture Center, **Dallas, TX.** (214) 242-5100.
- 30-31 **CLASS:** *Accelerate Your Art Career* at Bullseye Glass Resource Center, **Emeryville, CA.** (410) 977-2915.
- JUNE**
- 1-30 **EXHIBIT:** *Joe Kovecses* at Gallery M, **Half Moon Bay, CA.** (650) 726-7167.
- 1-30 **EXHIBIT:** *New Work* at Artwood, **Bellingham, WA.** (360) 647-1628.
- 4-28 **EXHIBIT:** *Masters of Disguise* at Stonington Gallery, **Seattle, WA.** (206) 405-4040.
- 5-July 5 **EXHIBIT:** *Design In Wood* at San Diego County Fair, **Del Mar, CA.** (858) 755-1161.
- 5-7 **SHOW:** *Contemporary Crafts Market* at Convention Center, **Pasadena, CA.** (310) 285-3655.
- 6-7 **OPEN STUDIOS:** *Art at the Source*, **Sonoma County, CA.** (707) 829-4797. Also June 13-14
- 6 **SWAP:** *Pacific Northwest Tool Collectors* at **Hillsboro, OR.** (503) 628-1488.
- 7-Jan. 2 **EXHIBIT:** *California Handmade:* at Maloof Historic Residence, **Alta Loma, CA.** (909) 980-0412.
- 12-July 24 **EXHIBIT:** *Woodturning* at Meadows Gallery, **Denton, TX.** (940) 382-2787.
- 13-21 **SHOW:** *Woodcarvers Congress* at Jackson County Fairgrounds, **Maquoketa, IA.** www.awcltd.org/congress.html.
- 13-14 **SHOW:** *Deming Logging Show*, **Deming, WA.** (360) 592-3051.
- 13 **SWAP:** *Old Tool Swap Meet* at Arroyo Hardwoods, **Pasadena, CA.** (951) 686-5825.
- 20-Aug. 15 **EXHIBIT:** *Art of Seating* at Alyce de Roulet Williamson Art Gallery, **Pasadena, CA.** (626) 396-2200.
- 24-25 **SHOW:** *Pacific Home Builders' Show* at Convention Center, **San Diego, CA.** (800) 956-7469.
- 25-28 **SYMPOSIUM:** *American Association of Woodturners Symposium*, at Convention Center, **Pittsburgh, PA.** (877) 595-9094.
- 25-27 **SYMPOSIUM:** *Furniture Society* at American Tobacco, **Durham, NC.** www.furnsoc.org.
- 26-Aug. 30 **FESTIVAL:** *Sawdust Festival and Art-A-Fair*, **Laguna Beach, CA.** Sawdust: (949) 494-3030, Art-A-Fair: (949) 494-4514.
- 26-28 **FESTIVAL:** *Festival of the Arts*, **Lake Oswego, OR.** (503) 636-1060.
- 26-28 **FAIR:** *New Mexico Arts & Crafts Fair* at Fairgrounds, **Albuquerque, NM.** (505) 884-9043.
- JULY**
- 3-5 **FESTIVAL:** *Lake Union Wooden Boat Festival* at South Lake Union Park, **Seattle, WA.** (206) 382-2628.
- 5-Aug. 31 **EXHIBIT:** *Festival of the Arts*, **Laguna Beach, CA.** (949) 494-1145.
- 12 **SWAP:** *Rocky Mountain Tool Collectors* at **Broomfield, CO.** (720) 338-4483.
- 22-25 **SHOW:** *AWFS®Fair* at Convention Center, **Las Vegas, NV.** (800) 946-2937.
- 25 **SYMPOSIUM:** *Creativity in Woodturning Symposium* at Komachin Middle School, **Lacey, WA.** (360) 791-0396.

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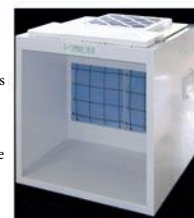
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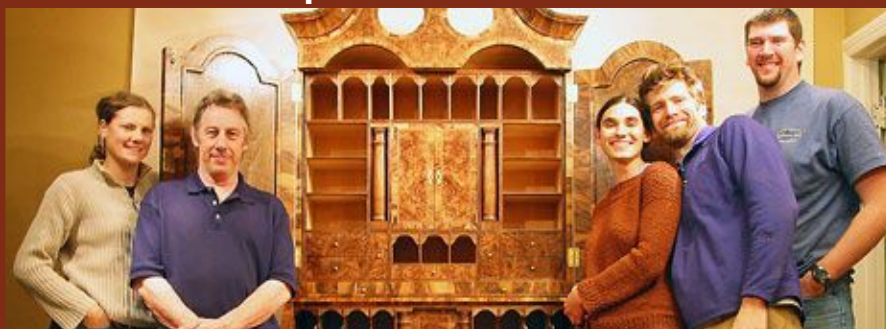
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SHAVINGS & SAWDUST

STEINWAY UNVEILS 600,000TH PIANO

Over its 162-year history, **Steinway & Sons** has commissioned outside master craftsmen to create unique cases for its fine musical instruments, beginning its *Steinway Art Case Pianos* series in 1857. So, it is fitting that they would want a special encasement to celebrate its 600,000 piano.

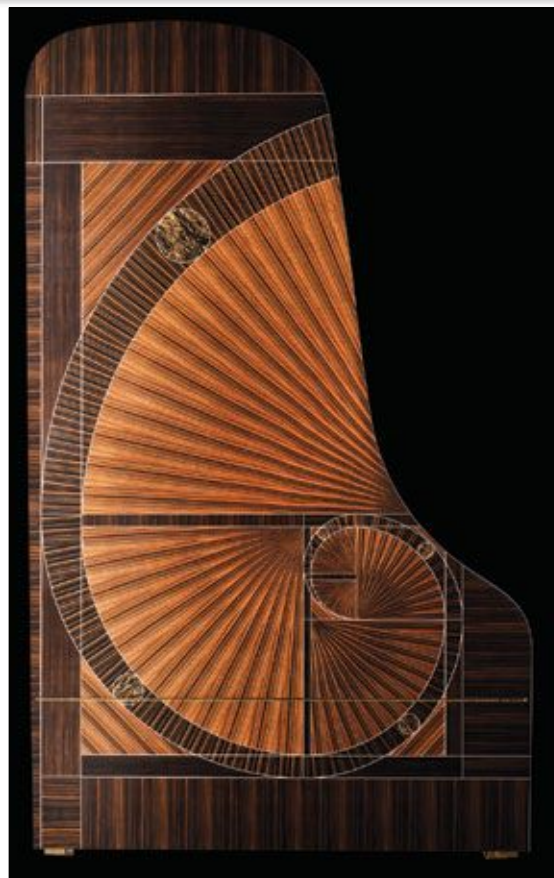
The task was assigned to master craftsman **Frank Pollaro** of Union, NJ, and he did not disappoint. Previewed at the Pacific Design Center's *WestWeek* market in March, the exterior of *The Fibonacci* features an iconic Fibonacci spiral.

Made entirely of veneer from six individual logs of Macassar Ebony, the marquetry design creates a fluid spiral that begins on the top of the piano's lid (as show to the right) and continues down to its unique curved base. Synthetic ivory inlay adds a breathtaking effect to the design, which also features unique patinated bronze details. In the end, more than 6,000 hours of work over a 4-year period were devoted to the creation of *The Fibonacci*, from design to finish.

Frank says that "designing Steinway & Sons' 600,000th piano was an honor and a challenge. Knowing that this piano would become part of history meant that it had to be more than just a beautiful design, but also needed to visually convey a deeper message. As I considered the number 600,000, the Fibonacci spiral came to mind. The way in which it continues to grow but stays true to its form is very much like Steinway & Sons over these many years."

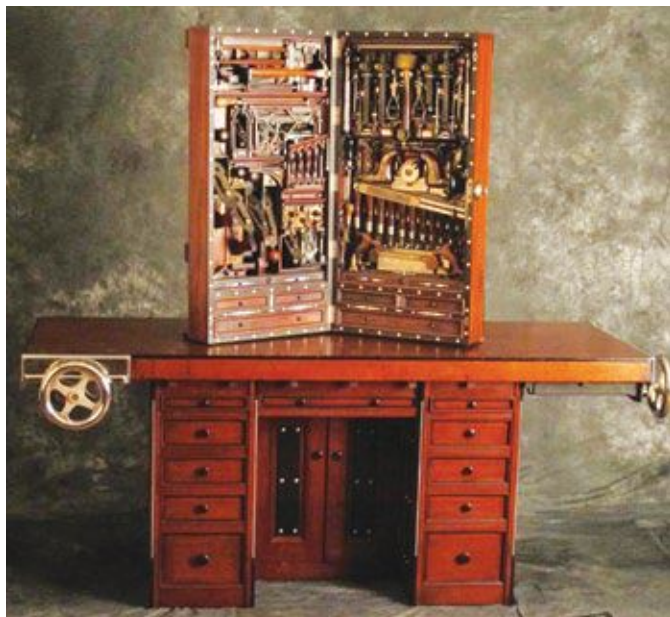
The official unveiling of *The Fibonacci* takes place April 30th at Steinway & Sons' new showroom in Beverly Hills, where it will remain on exhibit for a few weeks before being taken to the *Masterpiece London 2015* art fair. This grand piano is available for sale at a price of \$2.4 million. For info, call: (310) 652-6666.

Steinway & Sons 600,000th piano has an unique case, by master furnituremaker **Frank Pollaro**. Viewed from above, *The Fibonacci* grand piano features a spiral of marquetry, which continues down and around the curved base.



STUDLEY TOOL CHEST & WORKBENCH ON DISPLAY

For the first time, the 19th century woodworking tool chest of **Henry O. Studley** (1838-1925) will be shown to the public with its companion workbench, May 15-17, at the Scottish Rite Temple in Cedar Rapids, IA. The exhibit is being organized by **Don Williams**, retired Senior Furniture Conservator at the Smithsonian Institute and author of the upcoming book, *Virtuoso: The Tool Cabinet and Workbench of Henry O. Studley*. Though pictures of the tool chest with its 300 tools has been published widely, the Cuban Mahogany workbench, with nickel-plated vises, has not previously been shown publicly. The display coincides with the hand-tool woodworking show, *Handworks*, in Amana, IA (see page 25). Tickets are limited and available at www.studleytoolchest.com.



Henry O. Studley's Tool Chest and Workbench on public display



Emilia
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