

# OREGON WOOD WORKS

## Slate of Officers ~ 2018 You can also be a helping hand

### THE EDITOR'S INSIGHT *Inspiration*

The Grand Canyon. Talk about inspiration. I spent my first decade after college in Arizona, and made a few visits to the Grand Canyon including a hike to the bottom to camp along the Colorado River. Returning by motorcycle in 2014 with my brother, it was, timeless as usual, just the way I remembered it four decades earlier.

A vacation this month to celebrate summer with Nancy, found us sitting at a canyon rim viewpoint for hours, watching the sun and the clouds paint ever changing murals of color.

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The following people have agreed to serve on the board of directors for 2018. As required by our bylaws, this notice is provide to all general members one month prior to the special meeting in November.

A vote by the general membership will occur in a special meeting held just before the November program.

If you are willing to help make the Guild function, consider one of the open positions below. Notify Roger Crooks of your desire.

#### Officers:

President – Alexander Anderson  
Vice President – Eddee Edson  
Treasurer – Travis Hays  
Secretary – Steve Poland

#### Committee Chairs:

Membership – Keith Williams  
Education – Leslie Kantor  
Programs – CJ Marquardt  
Operations (Shop Manager) – open  
Communications – Bob Oswald  
Community Projects – Tim Moore  
Shows - open  
Sponsors – Hamilton Byerly  
Prof Membership at Large – Vince Corbin  
General Member at Large – Ed Ferguson

**NEXT PROGRAM — TUESDAY OCTOBER 17 2017 7:00PM**

## WOODSTRIP BOATS ~

Multnomah Arts Center, 7688 SW Capitol Hwy, Portland, OR 97219

### More Than Just Function

Looking for a project for the winter? Have some extra space in your shop you just can't quite figure out what to do with? The answer to both questions will be presented at the next Guild meeting! Ray Klebba, who is the owner of White Salmon BoatWorks, is going to make the journey from White Salmon to our monthly meeting to provide a presentation on the art and process that he uses to create absolutely stunning watercraft.

Ray is a master artisan with over 35 years of experience in designing and building award-winning boats. The boats that Ray builds are more than just boats, they are works of art that Ray calls "Functional Art". He makes a variety of boat styles, such as sea kayaks, canoes, and rowboats, using the woodstrip building method. For over 15 years Ray offered classes to 'build your own boa', but has since focused on building boat kits, plans and custom order boats.



*(Continued on page 2)*

From the west, Allen becomes Garden Home and then becomes Multnomah Blvd.

From the East, off I5/Barbur Blvd, head West on Multnomah Blvd. Then:

To locate the shop, turn uphill, North, on 35th Avenue. At the stop sign, turn right, go one block, turn left. Go over the crest of the hill and as you start down, the shop is in the little center on the right. Drive downhill to the Multnomah Art Center to park and walk back. Park in both front and back of the Art Center depending on construction.

## PRESIDENT'S MESSAGE

ROGER CROOKS, PRESIDENT

I just got back from a two-week camping trip up in the Canadian Rockies although my camping these days are in a rental 33' motorhome. Roughing it was when we could not hook up to water and electric at night and had to run a generator for the microwave and recharge our cell phones. As the weather turned cold down in the 20s and snow on the ground, it reminded me that Fall is here and that is a critical time for the Guild's 2018 organization.



*Roger Crooks,  
President*

Later in the newsletter is the slate for November elections. We have been working hard over the last months talking with people on filling all the open positions and we are in great shape for next year. For most of the membership, elections are just something that happens every year and life goes on. However, without a lot of dedicated people, the Guild would not go on so when you see any of the people who have signed up for next year, please give them your thanks.

We are always looking for people with new ideas, different perspectives, and energy. If you see a position that you are interested in, let us know even if someone has already volunteered to do that job for next year. We can always find a way to work you in. The important thing is that you get involved. As announced last month, we have a new position – Volunteer Coordinator with Charlie Meyer who can help you find a way to contribute to the Guild.

An important issue that we want to focus on next year is diversity. You do not have to be a white male over 50 with gray hair to be on the management team. I'm encouraged that our female membership has been increasing and I'm seeing some younger members. Our on-going goal is to encourage more women, more younger people, and more ethnic diversity in the Guild. We need your ideas on how to achieve that objective.

Think hard about getting involved, talk with other members and consider stepping up to a position running the Guild – 2019 will be here before you know it.

## WOODSTRIP BOATS

CONTINUED...

*(Continued from page 1)*

If you ever wanted to see how to put a boat together this is an opportunity you don't want to miss! Come to the program on October 17th at the Multnomah Arts Center. Social time starts at 6:30 pm.

As always, we will have our raffle and Show and Tell. Bring your treasurers to share your experience!



## UPCOMING CLASSES

NORM BAIRD

### Bandsaw Clinic with Chip Webster

Oct 24, 9-5, \$125

Class Coordinator: Jim Spitzer

This class is based on the band saw clinic that Michael Fortune has taught twice before for the Guild of Oregon Woodworkers. Proper set up and adjustment, techniques for accurate cutting to the line, and a variety of useful jigs will all be covered.

### Fundamentals of Fine Craftsmanship: 2. Prep Materials like a Pro with Asa Christiana

Oct 25, 6-9, \$75

Class Coordinators: Kimberly Grommes and Matt Grommes

Choosing and milling lumber will make or break your projects. Learn where to find great materials, the advantages of using rough lumber, how to choose the right boards, and how to put the grain patterns in the right places.

### Relief Carving 101 with Jeff Harness

Nov 4, 9:30-4, \$100

Multnomah Art Center

Class Coordinator: Larry Wade

This six hour class is to familiarize new carvers to the relief style and to provide some hands-on experience. Following this class on the next two Saturdays there is a two session class that introduces carving in the round (3D).

### Make a Greenwood Stool with Norm Baird

4 Sessions Nov 18-Dec 9, 9-5, \$470

Madrone Studio

Class Coordinator: Rick Alexander

Using traditional tools, materials and techniques, students in this class will begin with a green log, and finish with a completed stool. Don't own a drawknife, spokeshave, shaving horse or any of the other specialty tools of the chair maker? — no problem. All necessary tools will be available for your use throughout the class.

### Sharpen Like A Pro: Bench Tool Sharpening Clinic with Jeff Zens

Nov 25, 9-5, \$120

Class Coordinator: Steve Anderly

Knowing how and when to sharpen your cutting tools is a gateway skill, a "must have" for every woodworker who aspires to fine work. Now you can participate in the same sharpening workshop offered to the Guild's Next Level students without committing to the entire NL series.

### Restore a Metal Bench Plane with Ken Hall

2 Sessions, Dec 5 & 12, 5-9, \$120

Class Coordinator: Doug Drake

Learn how to restore a metal, Bailey style bench plane from a rusty hulk to a finely tuned hand tool. Bring your own plane or buy one with the class and create a lifelong tool.

### Introduction to Project Milling with Dick Rohrbaugh

Dec 13, 5-9, \$60

Class Coordinator: Gary Weeber

Milling wood to produce straight, flat and square boards is the essential first step in any woodworking project. A well-defined process for doing that is one of the first things a new woodworker needs to learn. This class will explain the process, demonstrate it, and give students opportunity for hands on milling of provided material.

*See the Guild website for registration and details. Contact the Class Coordinator with questions. All classes are held at the Guild shop unless otherwise specified. 7634 SW 34th St, Portland, OR 97219*

## AFFILIATE UPCOMING CLASSES

See their websites for more details and offerings.

### Oregon College of Art and Craft

Oregon College of Art and Craft

Fundamentals of Furniture: Side Chair

Sundays, Oct 8 - Dec 10

Instructor: Sterling Collins

Northwest Woodworking Studio

Master Works: Work Bench

Nov 13-17

Instructor: Gary Rogowski



*Julie teaching a stool aking class*



## CREATIVE WOODWORKING NW

BOB OSWALD

Mike Redmond, owner of his family run business, treated the Guild to a fantastic barbecue followed by a tour of his custom shop. Molding is one thing they do, and Creative Woodworking Northwest has some very expensive and sophisticated equipment to do that. But Mike also is a custom shop for something even as simple as a lady walking in with a board to be cut.



Mike's whole family runs the business, much to his delight. It's a joy and a blessing to work with your children and to enjoy it, day after day.

Creative Woodworking Northwest looks cavernously spacious as we walk in. So much working room. A big attraction of the evening was the wide belt sander. As woodworkers, there is an aversion to sanding, especially trying to smooth a large table glue-up. That's where the wide belt just "fixes the problem".

And how's this for a dust collector, a dump truck!!



Much easier than emptying a dust bin is driving it away. They have a bit of on hand molding, repeat customers, and of course do custom molding

Thanks so much to Mike for incredible hospitality.

## NEW COMMUNITY PROJECT

TIM MOORE

The Guild has been asked to build a number of Little Free Libraries for the parks in Hillsboro. You've probably seen these around and may even thought of building one yourself. If so, now is the time.

The organizer is a non-profit called Resources for Health; they select the parks and will pay for all of the materials. This is a nice, open-ended project since the timeline is generous and the options enormous, so there is room for creativity. The organizer would like to have the Libraries in place by June, 2018. The libraries need to be waterproof and they should suit the landscape, but



after that is mostly up to you. The first one will be in Evergreen Park, Scott Crowell, at Hillsboro Parks & Rec, has confirmed that the City will handle the installation, including digging the hole, laying cement, and setting the post.

The Guild is looking for someone willing to lead a group of volunteers to build this community project. This is a great chance to take a more active role in the Guild, since the project is interesting and highly visible but any intermediate woodworker should be able to handle it. Little Free Libraries is a nationwide effort, and there is a lot of info - and many examples - on their website: <https://littlefreelibrary.org/build/>.

For more information, please contact Tim Moore, Community Projects Coordinator, at [blind.moore@gmail.com](mailto:blind.moore@gmail.com) or 571.282.9644.

## SENSE OF URGENCY

BOB OSWALD

The Guild has become a large organization, much larger than when Julie Niemeyer, our Guild Registrar, and I joined. It has tripled in size. With this kind of growth comes a change in behavior of the organization. It seems more like a large company. As a Past President, I used to know most of the members. Now most communication comes through email from so many new names. It's wonderful to see this kind of growth, but there have been some frustrations with the growing pains.

Little issues like cancelling a registration in a class or getting a refund used to go pretty simply because there weren't that many, making it easier to process. Most of us knew each other, so a little delay or confusion was well understood.

Today, the quantity of the issues has grown more than the percentage of membership. Members tend to think of us as a company and look for the performance of big companies. While it is not an unreasonable expectation, I want to remind our membership that we are ALL volunteers. No one is paid to help run the Guild,

There are a number of older retired members (like me) and a lot of younger members, still working for a living, (like Julie and many more). Many of our volunteers do Guild things after hours and on the weekends, giving up some precious personal time.

If you have a class cancellation and a refund is owed to you, it will take a while to pass through several people to process. The website is very poor about handling cancellations. It must be done manually.

Sometimes the email about a cancellation doesn't even arrive at someone's desk for a day or two. Then there is a delay added from one person to the next. A cancellation passes through at least three hands, and each step requires time to perform an activity.

Julie, who handles refunds because of the intricate details of the website commented to me "I received the request a couple of days ago for a cancellation and refunds. I was on vacation. It will take Travis time this weekend to process the PayPal refund because he usually deals with these things on Saturday or Sunday."

There was a sense of impatience in the email request. Perhaps we're too sensitive. But the bottom line here is, that we are all friends in the Guild and every volunteer in every position, I know, personally responds as quickly as possible to requests.

It is rare that something gets lost, although it can happen. It's ok to ask; just understand the process.

Be kind to our volunteers. They're the only ones we have.

Even better, consider becoming one of them.

Thanks for your patience and understanding.

## TOY SHOW: ARTIST ENTRIES

ADX

ADX Portland's ANX Gallery seeks entries for their upcoming Toy Show! Entries are open to professional toymakers and companies, as well as makers, designers and artists interested in making one-of-a-kind toys specifically for the show. We welcome toys which are handmade or made from natural materials. Preference will be given to Oregon and Pacific Northwest-based toymakers. The ANX Gallery operates on a 70/30 consignment agreement with participants.

Entry Deadline: Oct 15th

Artists Notified: Oct 29th

November 18th - December 22nd. Opening reception  
Dec. 1st, 6-9pm

**Contact:** [anxstaff@adxportland.com](mailto:anxstaff@adxportland.com)

**Website:** [adxportland.com/anx-gallery/](http://adxportland.com/anx-gallery/)

**Cost:** \$150, for both days total. Participants may rent a table for \$10, or bring their own

**Location:** ANX Gallery. 1015 SE Stark St, Portland



Taking a break after a hard week at the newsletter. El Tovar at the Grand Canyon.



## THE A-B'S OF GLUE-UPS

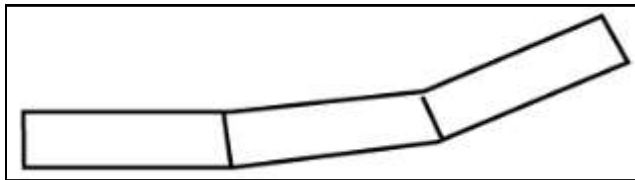
BOB OSWALD

I received a job request from a customer this month, wanting to sand a table top glue-up flat. It prompted me to dredge up an article from 2007, "That A-B's of Glue-Ups". It needed a rewrite since I was younger and less eloquent then.

First, how do you flatten an already glued up top that has a bow in it. Even more first, how did it happen in the first place? This top was 1 1/4" tick and had a 3/8" bow. If you try to sand that top flat, you would lose at least 3/4". That's likely intolerable. The solution awaits at the end of this article

### Why did it happen?

Assuming it did not just warp from moisture, it's a little known problem that most people sand their way out of. The problem is that when you rip and/or joint your board edges, the saw blade or jointer fence is not perfectly vertical at 90 degrees. Try as you might, there can be a 0.1 degree error. If your edges are all non-vertical by that much and you have, for example, four boards, that is six edges touching each other. A thirty inch wide top, if all angles go against you, will be non-flat by 1/16". Hmmm, not all that bad.



If you are 0.2 degrees off, it becomes 1/8". Doesn't sound bad until you realize you will lose 1/4" of thickness. That starts to hurt.

The generally good news is that if you joint all of your boards, and then lay them out for glue up, they will not all work against you. But it's random and there is no need for it to be an issue.

The better news, it's preventable. Rip the boards using the following procedure. All of the non-vertical edges will become a parallelogram. The resulting assembly will be dead flat, plus or minus other factors.

1. Before ripping your boards to 'final' width, lay them out the way you will want them glued, playing with the grain patterns.

2. Being very careful to keep the orientation from the layout to the saw, rip a sliver off of the edge. Or if they are still rough, rip off enough to clean up the edge.

3. Roll the board clockwise (or counter clockwise). DO NOT EVER flip it end for end from this point on.

4. Reset the saw and rip a tiny sliver off that other edge. Or if it's still rough, rip it to final width.

5. Roll the board again to its original pretty side up and set it back in its place in the layout.

6. Repeat the ripping for each board.

When finished you should have a set of boards whose edges look like the drawing. The edges are not vertical. They don't have to be

If you want to clean up the boards with the jointer, the same rules apply. Joint one edge, roll it and joint the other



edge and put it back in place on the layout.

I have used this technique for years and can happily say that every glueup requires only a little scraper work to get minute misalignment in the clamps cleaned up.

Some schools of thought leave the boards thick and then surface sand them after the glue dries. I don't have easy access to a wide belt sander so I plane them to final thickness and am very careful about alignment when I glue them. To aid that, biscuits carefully installed, are a godsend. They make the alignment basically bulletproof.

### How do we flatten an already glued up top?

If it's bad enough, saw it apart and start over using this technique. You can cut along the original lines, or maybe just one or two. If you used a lot of narrow strips, you don't need to cut every one. Perhaps only a few cuts to make eight-inch boards will do the trick.

Process the boards according to the steps in this article and glue it back together. Of course you will lose a saw kerf for each cut. If that's a problem, hopefully this is a little wood left from the project to add additional width. I've done that. You get to have fun with the grain matching game. It's not all bad.



# ART IN THE PEARL ~ LABOR DAY

ROGER CROOKS

Art-in-The-Pearl is one of Portland's premier events drawing people from all over the Pacific Northwest. I talked to people from San Diego to Seattle who braved the heat, smoke and ash. Construction projects around the area limited us to a 10' booth this year but we partnered with the Pacific Northwest Woodturners Guild who was next to us and opened the side curtains making a 20' booth that we shared.

Our goal for the show was to promote woodworking to the public and attract new members. We enticed small kids, teenagers, women from young to elderly, and men of all ages to pick up a hand plane and make perfect shavings after 15 seconds of instructions. It was simply a lot of fun seeing amazement in their eyes when they pushed the plane through the board and ended up with a perfect curl of wood. When we handed people a sachet, many were surprised that we were just giving them away. I said "Hey it just grows on trees".

We started with 600 nets for the sachets and ran out noon on Monday. Elaine Saunders brought another 200 to finish out the day. We had two demo stations going full time for all three days and had the longest lines of any of the educational booths along the aisle.

Many thanks to Elaine for managing the event, Larry Wade for his bench, vises and suggestions and all the volunteers; Dick Harbert, Eddee Edson, Keith Williams, Dave Dunning, Jim Spitzer, Holland Golec, Gary Weeber, Don Cline, Brian Hill, Heidi McNamee, Dave Hollister, Jackie Yi, and Steve Anderly.





# ASA BOOK SIGNING

ASA CHRISTIANA

## Asa Christiana to sign his new book at Annie Bloom's

The former editor of Fine Woodworking magazine, now living in Portland and teaching at the Guild, is proud to announce the publication of his new book, "Build Stuff with Wood," and our own Annie Bloom's Books is helping him celebrate.

The Multnomah Village landmark will be hosting a book signing on Wednesday, Oct. 18, at 7 p.m., and Asa would love it if Guild members would join him.

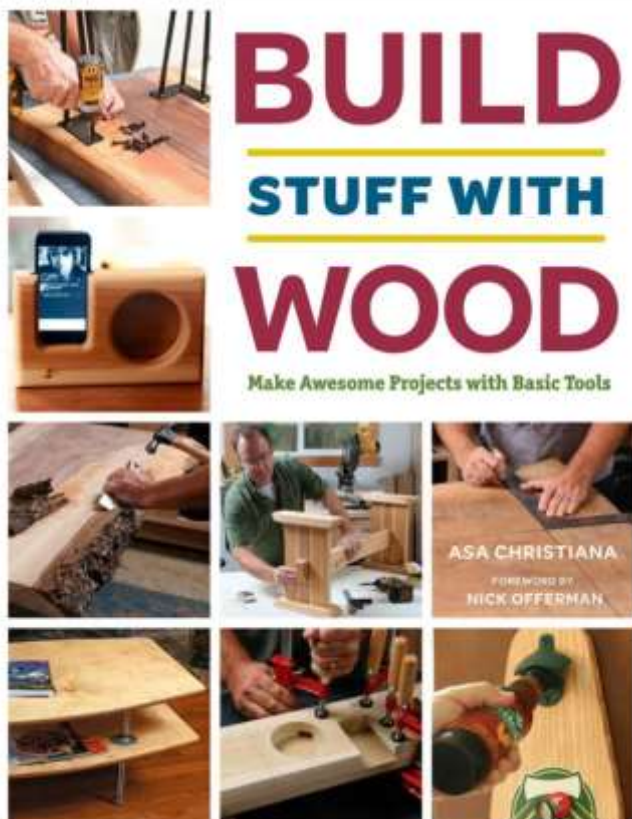
Asa wrote "Build Stuff" as a guide for true beginners, using a small set of portable power tools and off-the-shelf lumber to build 13 handsome projects, including a rolling workstation for the shop, and fun, stylish items for inside and outside the home. His Asian-style garden bench, the subject of a recent Guild workshop, is just one example. But intermediate woodworkers will love the book too, as we all need quick, easy projects worth building.

Please come out to support one of our own. If you can't make it, you can find "Build Stuff with Wood" at Amazon.com.

Where: Annie Bloom's Books, Multnomah Village  
When: 7 p.m. on Wednesday, Oct. 18  
Event link: <http://www.annieblooms.com/event/asa-christiana-presents-build-stuff-wood>

Asa Christiana Creative  
Portland, Oregon  
971-300-1335

DIY blog: [BuildStuffwithAsa.com](http://BuildStuffwithAsa.com)  
Instagram: [@buildstuffwithasa](https://www.instagram.com/buildstuffwithasa)  
And my new book for true woodworking beginners! Build Stuff with Wood





## BEGINNER SIG UPDATE

LARRY WADE

The regular monthly programs are 7:00 - 9:00 with optional networking at 6:30, on the 2nd Thursday of most months. The Start to Finish concept is that in two hours you will see all of the steps to making the project.

### SEPT 14 - Start to Finish: Green Wood Stool with a Woven Seat - Norm Baird

Norm did a masterful job of showing all the essential steps for turning a log into a stool, in less than two hours. He is teaching a highly recommended 3 1/2 day class. Norm is a master at making chairs and making a stool takes half the time, with all the satisfaction of working with green wood. The class starts Nov 18th, over several weeks, see the web site for details. The photos are from Norm's Sept presentation.



### OCT 12th - Japanese-inspired Shaped Box - Larry Wade (7:00 - 9:00 pm)

This is the second in the Start-to-Finish series, where Larry will condense a 16 hour workshop into a two hour demo. Gary Rogowski published this design in Fine Woodworking in 1999, and it is a great box project. The demo will attempt to not only show the steps to making this design, but will also discuss variations for corner joinery, different lid and bottom alternatives, and different approaches using hand and power tools. Please register on the web site (optional).



**Beginning Carving Classes** - There are two really good introductory carving classes scheduled for November, one on Relief Carving and one on Carving in the Round. See the Education Calendar for details.

## DO MORE WITH LESS

TIPS AND TRICKS FROM “BUILD STUFF WITH WOOD”

When I was editor of Fine Woodworking magazine, I learned pretty quickly that some techniques are helpful to almost everyone, and some things are useful only to some. It's the same with my new book, “Build Stuff with Wood.” Designed to introduce true beginners to the craft we all love, it's got a lot of info that's just for them: about choosing tools, setting up shop, and joining wood in basic ways. But a lot of tips and tricks for beginners can be helpful to almost anyone.

Being at Fine Woodworking was like being at the business end of a fire hose, with thousands of would-be contributors sending in an endless stream of ideas. Some were suited only for very advanced technicians, others were strange and ill-advised, and quite a few were just plain awesome. I stored the best of these on dusty shelves of my mind palace, waiting for the chance to use them someday, in a book like “Build Stuff.” Here are a few of my favorites from the book, all related to doing better work with fewer tools and supplies.

You'll notice that small, portable power tools play a big role; that's because I believe they are the easiest path into the craft, especially for people with limited space and limited budgets. But the nice thing about the jigsaw, circular saw, cordless drill, and miter saw are that you'll keep on using them throughout your life, for home improvement and fine woodworking alike, even after you add machines and high-end hand tools to your arsenal.

By the way, the projects in the book are not only all doable in a weekend, but also worth doing, a level above the usual projects suggested for beginners. If you know anyone curious about woodworking but afraid to dive in, hand them a copy of “Build Stuff.” If you think you might welcome 13 simple yet stylish projects that you can knock out in a fun weekend, pick up a copy for yourself. If nothing else, you'll pick up some handy tips and tricks. Here are just a few.

### Turn a cabinet base into a rolling workstation

To be classified as a “fine woodworker,” we all think we need a classic workbench, massive and pricey. Whether you have one of those or not, I think you'll find good use for this rolling workstation. The time-saving trick is starting with a used or overstocked base cabinet from your local store for surplus building materials. One in Oregon is called the Habitat for Humanity ReStore, with all proceeds going to a great cause. Pick a cabinet that is 42 in. long or less, and then you can use a single sheet of MDF to add a double-layer bench top that overhangs the cabinet and an overhanging bottom too, which makes it easy to add casters.

If you are just starting out, you can put all your clamps and portable power tools in the cabinet, and roll your whole workshop into the corner when you're done working.



*Do it in a day. Unless you love building plywood cabinets, start with a surplus kitchen base cabinet and hot-rod it with an MDF bottom, casters, and a double layer of MDF on top, to create a rolling work unit with built-in storage. I painted the sides red to match the casters and bring it all together.*



*Reinforcements. Add pieces of 2x4 to the bottom of the cabinet to create sturdy surface for attaching the MDF bottom panel.*





*Low-tech work support. To create a simple work support for a miter saw, screw a few pieces of 2x4 together, and add drywall screws to the bottom to adjust it to the perfect height.*

### **Cutting guide turns a circular saw into a track-saw**

Table saws are expensive, with a steep learning curve required for safe, successful operation. Armed with a shop made cutting guide like this one, the humble circular saw can make straight accurate cuts that rival those made by pricey table saws and tracksaws. It's made from two pieces of MDF or plywood, one 3/4 in. thick for the fence and the other 1/4 in. for the base, with 3/4-in.-long screws driven up through the base (and countersunk) to attach the two parts.

The trick is making the fence wide enough that the saw can pass by without hitting the clamps you'll use to lock the guide onto a workpiece, and then making the whole base wide enough to accommodate the fence, plus the distance between the edge of the saw's base plate and its blade.

The magic comes the first time you run the saw down the fence and it trims off some of the base. From then on the base will do two wonderful things: Its trimmed edge will show you exactly where the saw blade will go, so you can line it up with lay out marks or lines, and that same edge will press down on the edge of the

cut, preventing chipping or splintering and guaranteeing a clean cut. It's amazing, and as low-tech as heck.

Even if you only need this guide for breaking down big plywood sheets before you head to the table saw, it's well worth building.

Build it and trim it. Note that the fence is wide enough to let the saw motor clear the clamps, and the base is wide enough overall so that the saw will trim a little off on the first pass. From then on, the guide will show you exactly where the saw will cut.



*Using it is easy. A cutting guide is amazing for making long, straight cuts in sheet goods. Just line it up with a couple of tick marks, clamp it there, and cut.*

### **Rigid foam beats sawhorses any day**

Here's a companion for your cutting guide. Ever find yourself balancing a long board or big sheet of plywood on sawhorses, attempting to keep it level and control the cutoff when it falls free? It can take up to four sawhorses to do the job safely, all set at the same level. So we just hang the whole thing off a bench top and grab the heavy offcut, attempting to stop it from levering downward and splitting off a chunk of good wood.

The solution is \$5 piece of rigid foam insulation. Lay that on the floor or bench top, put the workpiece on top, and you can cut freely with full support along the full length of the material, with no danger to the sawblade or the surface below. Look at the cutting-guide photos above to see how it works.

You can cut into that foam dozens of times before its too beat to do its job. And here's one more reason to buy rigid foam: It's perfect for crafting mockups of furniture designs! There is nothing like seeing your design full-size in 3-D to see if it really works.

## DO MORE WITH LESS



*Great for mockups too. I use thin panels of rigid foam for designing mockups. It's cheap and it cuts easily with power tools.*

### Good blades turn a jigsaw into a bandsaw

Well almost. There is no replacing the smooth, continuous action of a bandsaw and the control the table affords, but for hundreds less you can get an excellent jigsaw, which will stow nicely in that rolling workstation. The trick is replacing the all-purpose blades that come with it. Bosch and others make long, polished, sharp blades expressly designed for clean cuts in solid wood. You'll be amazed at the glassy cuts and smooth curves your jigsaw will produce.



*Amazing blades. Buy long jigsaw blades designed for clean cuts in soft woods and hardwoods to see what this under-appreciated woodworking tool can really do.*



*Smooth moves. If you are a beginner, a jigsaw might be all the saw you need. Even after you own a bandsaw later, you'll find all sorts of jobs for the handheld tool, like cutting big circles with a little shop made jig (cornhole, anyone?), or making curved cuts in sheet goods that would be awkward to wrestle across the bandsaw table.*



## DO MORE WITH LESS

CONTINUED

### Impact driver will put your old cordless drill to shame

If you don't yet own an impact driver, head directly to the home center. Your old cordless batteries were getting tired anyway. Adapted from auto shops and factories, the impact driver uses a staccato beat of rotational impacts to seemingly melt screws into wood, without stripping heads or torquing wrists. Try it for to believe it!

That impact action means you don't need as many volts. For \$80-\$110, you can get a compact 12-volt model that will drive the longest screws with ease.

What they don't tell you on the box is how well an impact driver will drill, meaning it's much more than a dedicated screwdriver. When they encounter big bits or hard woods, impact drivers sometimes start doing their impact thing, but it doesn't affect the drilling action negatively. The only downside is the quick-change chuck, which only accepts only hex-shank bits and drivers. For the standard round-shanked bits in my collection, I keep my old corded drill around for occasional use.



*The mighty impact driver. These compact cordless tools not only make long screws a cinch to drive, but they also drill like champs too. To own one is to love one.*

### Learn the secret behind bomb-proof screws

If everyone knew the difference between a clearance and pilot hole, woodworkers would use screws more often. Take the basic task of attaching one board to another. The hole in the top piece, often called a pilot hole, is actually a clearance hole—if you do it right that is. The top of the screw should pass right through, barely touching that hole at all. So what holds down that top board? Only the screw head! If the screw threads grab the top board *and* the lower board, you can get a gap between the two that will never close. Think about how hardware attaches. Only the screw head holds it down.

As for the actual pilot hole, that's important too in most cases, but it's the skinnier hole that goes into the lower board. It should be just skinny enough to let the threads grab powerfully, but not so narrow that the threads push outward too hard and split the wood. If that happens, the threads will barely grip at all and the screw will probably spin. Last, that pilot hole should extend all the way down to the tip of the screw.

Try using screws this way, and you'll be shocked at their power and strength, in any material, even into the end of split-prone materials like MDF. Low-tech, easy, and effective.



*The feel test. If you roll a screw and a drill bit between your fingers, you can feel if they are roughly the same size, which is what you need for a clearance hole.*



*Simple, strong joinery. You don't always need complex joinery. To assemble the pedestals for a garden bench, I drilled clearance holes in the top pieces and pilot holes into the end grain below to make the screws super-secure. In fact the whole bench is joined with screws and glue, and you'd never know it.*

[Asa Christiana is a freelance writer, photographer, designer and maker in Portland, Oregon. His new book, "Build Stuff with Wood," is available now from the Taunton Press]

## IN THE SHOP THIS MONTH

BOB OSWALD

What happened in the shop this month? It was busy, but I didn't get as much feedback to share. Maybe it's summer?

It would be really cool if some of you who use the shop would drop me a photo and a couple of sentences. Don't wait until you are finished for Show-and-Tell.

### Guild Hand Tool SIG

Learning to mill a board with 4 flat and square sides and edges



### Product Build Team



Don Cline measures, marks wood for new table project.



Alvin and Holland complete final sanding on a Product Build stool

Project Build is finishing up 4 stools for Patrick and Jayne. Jayne is coming by our session [tomorrow](#) afternoon



## IN THE SHOP THIS MONTH

ED FERGUSON

Getting a commission from a highly regarded woodworker is both a compliment and a challenge. Last fall, Patrick O'Neill and Jayne Cronlund asked the Project Build team to build four stools for the table in their office. The fact that they are also our Guild Shop landlords added a little extra challenge to the task.

Greg Kauffman got us started with a glue up jig and guidance on the rather complicated leg assembly. The router jig for contouring the seats, pictured here, was patterned after one that Steve



Poland brought in and demonstrated to the group.

Patrick and Jayne were very accommodating on the delivery date, allowing Project build to work around deadlines such as the Gathering of the Guilds and the birdhouse kit events.

In the end, Patrick and Jayne were delighted with the final product. They even ordered an extra stool! And Patrick paid the group another compliment, commenting that "you honored the wood".



*Seated on their new stools: Patrick O'Neill, Jayne Cronlund*

*Standing: Ken Hall, Don Cline, Al Arntsen, Chris Haverty, Steve Anderly, Bob Nacamulli, Ruth Warbington, Holland Golec*

*Other contributors: Greg Kaufman, Steve Poland, Flora Lee, Heidi McNamee, Kimberly Oda, Mike Sandman, Phil Scott, Zoey Zhou, Ed Ferguson*

## GUILD OUTREACH SUCCESS STORY

HERB SHAW

Bob, once again I want to report that Steve Kulick reached out to me in my need to complete a project I undertook. Steve not only sawed some plywood panels for me, but also ripped boards for the false drawer fronts of the tool cabinet I'm making.

As I mentioned in my last e-mail to you, I would join the Guild if I could find someone to take me to the meetings and other events of interest. Steve responded that he would do so. Consequently, I will join the Guild.

Thanks again for your help.



### In the Home Shop (Norm Baird)

Last month they were building stools. This month it's Seat Weaving Day. The kids are rightly proud, as are their parents (and of course, their great uncle). We got the final session, to weave the seats, squeezed in on their calendar just before the kids went back to school, so I had another great day today.



Maddie liked working on the floor.

Maddie, Nate, and Ben with their finished stools. Each one is made from the same species of wood, and has the same color of seat material as rocking chairs I made for them about 6 years ago.



### The World of Safety

A lot happens every month getting ready for that Green Card. Here are some examples this month.

- ◆ Safety & Orientation class: 13 Registered 11 attended, 2 no-shows :-)
- ◆ HOST conducted: 2
- ◆ Green cards issued: 3
- ◆ Core Tool Machine Skills Classes:
  - ◆ Band saw/ Drill Press: 4
  - ◆ Jointer/ Planer: 2
  - ◆ Table saw/ Miter saw: 1

And this is a partial month, through the 19th. It is nice to see folks improving their skills and getting into the shop.

Tell us about  
your adventures using  
the Guild  
shop.



## INSPIRATION

CONTINUED FROM PAGE 1

The inspiration? Shapes? Colors? Natural beauty? The sun creating a kaleidoscope of color and shadows? Not this time. This time it was the solitude. A tranquil time and place to let your mind wander.

Image the next project forming in your mind. What will make it different from the norm?

See the wood and in that the shapes, colors and grain. Close your eyes and let your mind roam.

I have a hammock hanging in a distant part of my back yard, under 100 foot Douglas Fir trees. I don't spend enough time out there but when I do, it's a similar experience. Peaceful. I think it helps push the time keeping left side of the brain into the background and brings the creative right side closer to the surface. It feels good.



## WELCOME NEW MEMBERS

Welcome to our newest members in chronological order. We're happy to have you with us and hope you'll make a regular appearance at the monthly program. Say hello at the next meeting so we can get to know you.

***Get your feet wet. Try your hand volunteering at just one event this month. You don't learn woodworking by reading magazines.***

Lannes Purnell, Aaron Brown, Rrichard Pratt, William Treuhaft, James Lewis, Thomas Berger, Trent Davis, Daniel Touger, Tom Rich, Ella Dickey, Max Kelemen, Rachael Morris, Greg Rutledge, Brian Clarry, David Ediger, William Crawford, Tom Willing, Matthew Wear, Christopher Ward, Micah Bolar, Emory Neer, Emile A. Boucher Jr., Gamonthip Boucher, Paul Carone, Alex Pierro, Branch Foote, Chris Evans, Claudio Navarro, Paul Teays, Jared Myhrberg, Andrew Geogesen, David Suttle and Ben O'Glasser.

## LEGACY AND LESSONS

CONTINUED

My wife wanted a donation or two for our local church fund raiser this fall. I was 'between projects. She suggested a little telephone table "like that pretty one in the upstairs hallway".

Ah, sweet memories. I built that table in Bill Bolstad's shop in Jefferson, a class so long ago that it fell off the calendar. I think around 2008 based on my record of a Jewelry Box class, October 2012.



The class table is on the right. My donation has taped legs which the original did not. I learned to do that well in Bill's shop another time.

That table class was momentous. I learned so many little tips that have propagated through my woodworking life ever since. Probably most memorable is using spacer blocks to do things like drill two holes in multiple piece of different size wood, an exact distance apart so they would fit each other. But that was another story.

This would be an easy project. I had a sample and I had built it before. The keyword is 'easy'. There is no such thing in woodworking. Bill did some very clever design to allow him to mass produce this table without spending any unnecessary time building it. It is screwed together. No glue. Even the top is a burl big enough for one piece. Glue and mortises and tenons and fitting and alignment all take time. Punching a few well controlled holes and special assembly sequence before driving the screws makes assembly remarkably easy and accurate.

Of course I had forgotten these details so I had to remake a few pieces and start over a couple of times.

What a wonderful trip down memory lane. I could see Bill's devilish grin looking over my shoulder.

## SHOW AND TELL: WHAT OUR MEMBERS BUILD

### SOME OF THE MEMBERS

Thanks to twenty-four Guild members for photos of awesome projects. I also like some of the works in process included. Just so you all know, I spread them out over several issues. I will publish what fits, typically on three pages, in the order received. Sorry that it can take a while to share all of this beautiful work.

My logic is that if I published everything in one issue, the well would run dry quickly despite having over 700 members. And if there were dozens of photos, I fear that our readers would tend to blow past them a little too fast. These works need

a little attention to their beauty.

Thank you all so much for the quick response and the enthusiasm. You all make me humble. This input inspired the 'editorial insight' for this month, "Imagination".

These projects are archived on Google Drive. Use the link below.

<https://drive.google.com/drive/folders/0BzTGdRKlfP8FUVpudTczdjRuT0E?usp=sharing>

It's a pretty simple presentation but all that I have the energy to expend at the moment.



### Gerard Chok

A customer requested a custom stand for her 40lb. Amethyst Geode crystal stone.

We decided to use my 39" Tranquility stand and fit it with a 24" circular base for additional stability. The base was designed to complement the design of the stand. Once done, everything looked seamless.



## SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



**Roger Leverette**

Fifteen foot dory skiff. I hope to launch soon. I'm near finishing the Alaskan yellow cedar oars.



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## SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



### David Prater

“I made a toy box for some friends expecting a baby in October. Made from maple and birch with a black walnut stain. I used the Rockler torsion hinge for a safe, slow closing action, and used pocket holes and a Kreg jig to make up for my lack of tools and general woodworking knowledge. “





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## SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



**Randall Gatewood**

I made these 2 rocking chairs. One for my oldest daughter and one for my daughter-in-law both recently had babies.

**SHOW AND TELL: WHAT OUR MEMBERS BUILD**  
SOME OF THE MEMBERS



**Dennis Annotti**

Cherry laptop desk in progress.



# SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF OUR MEMBERS

### Tim Mann

Here are some pictures of a couple of projects I have done. The first is a entertainment cabinet I made with an Easy lift in it out of cherry, the second is a Intarsia Elk I made for my father in-law, the last is a canoe I made with cane seats and figured myrtle wood decks in the ends (took me 18 months to complete).



## MAKING ANIMATED TOYS

ROGER CROOKS

Northwest Woodturners and the Guild partnered for a class from Animated Toy Maker and Turner, Richard Dlugo. Richard has been making wooden toys for the last 30 years and shared how his designs have progressed from wooden trains in the 80s to animated pull toys, bandsaw toy puzzles to more complex toys with multiple moving parts. While he makes most of his toys on a lathe, he talked about how to use a bandsaw, router and drill press for most of the parts. He also explained the thought process that goes into designing a toy and how to correlate a child's interest into a toy.

Animation is mostly achieved with clever use of cams and springs. He showed a simple jig to test various cam designs that you could test the action before building the complete toy saving lots of time and trial and error. Safety is a huge concern for all toys for kids of all ages so he explained how to use springs so they cannot come apart from the toy, how to make the long cord on a pull toy safe from strangulation, and advice on how to make sure toys remain safe even under rough conditions.

He talked about why wood toys and wood toy makers are rarely seen these days. After the China lead paint scare in the 70s, government regulations hit toy makers hard and made it impossible for most to stay in business.

We saw a lot of good ideas that we can use for future toys. Check out his website at

[www.richarddlugo.com](http://www.richarddlugo.com)



*A multiple animated toys with springs and cams*



*A puzzle toy made on a bandsaw*



*Richard showing a jig for testing cams*



## LOGS INTO LUMBER

BOB OSWALD

Here is a summary of the folks that saw logs. It's a bit crude right now because I'm near the end of time to work on this newsletter and still a lot to do. But I wanted to get a first pass out to stimulate other ideas. Send me more contacts, additional information about the following list, or other ideas.

### Norm Baird

Guild member  
nbaird@toledotel.com  
Toledo, WA

I have a bandsaw mill. My location is not ideal for most Guild folks. My mill is not on wheels, so logs would have to come to me. I have no interest in doing big sawing jobs for cash, but would certainly consider doing small jobs for (or with) friends (and all Guild members are friends) or perhaps medium sized jobs for a share of the lumber.

### Bruce Whiting

I've used Bruce Whiting of Osprey Custom Sawing. He is in Estacada. Has a band saw mill he can move to the client's site. 503-630-2211. ospreycustomsawing.com -- Vince Corbin

### Todd Patterson

Sticks milling very reasonable has a wood mixer saw  
360-225-3932

### Ken Vetterick

Guild member  
ken.vetterick@gmail.com

I have been processing locally harvested hardwoods for 10 years. I have recently associated with David Mealy who is Milwaukie Hardwoods LLC. Together we will be known as K & D Hardwoods LLC.

Together we have a band mill, Alaskan chain saw, boom truck and 3 kilns and thousands of board feet of kiln dried or green lumber.

My contacts are:  
Ken Vetterick Woodworking  
10307 SE 282nd Ave  
Boring, OR  
503.939.0082  
ken.vetterick@gmail.com

### Don McMaster

I do have a chain saw mill and can cut up to 32 inches wide currently,  
My problem is that I'm trying to get a house for sale in Longview and don't have time to do all the things I like to do

### Brian Warrington and Ron Senger

Ron Senger  
goodwoodron@gmail.com  
Portland, OR  
Brian Warrington  
kingnomad3@yahoo.com  
Scappoose, OR

(Ron) have a Saw Mill to saw logs, and a Kiln to dry it. Brian Warrington and I are partners. Brian is in Scappoose. Ron

We should get together out at Brian's and you can look it over. I have a Bandsaw Mill and Brian is setting up a Circular saw Mill.

### Kevin Kaster

Kaster's Kustom Cutting  
kasterscustom@yahoo.com  
Beaver Creek, OR

We do not do portable anymore. On site we have a Lucas chainsaw mill. We can cut 72" wide by 20' long on the Lucas. We also have a Woodmizer HD 50. It can cut 24" wide and 32' long. We have 3 dry kilns. We sell urban salvage hardwoods, Black Walnut, Maple, Oak and other yard trees. We also do Cedar and Douglas Fir, most is F.S.C. certified. We sell dry slabs of Black walnut, Maple, Redwood, Fir, Pine, Cherry, Elm and other yard trees I'm not remembering. We are also tied in with moulding services, log turners, other kilns.

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When I have more time, I will do a google search. You can help by sending me links to anyone you know.

timbercreek08@gmail.com

The Guild of Oregon Woodworkers is a group of professional and amateur woodworkers committed to developing our craftsmanship. The Guild offers many benefits for members, including:

- Monthly programs
- Monthly newsletter
- An education program to help members develop woodworking skills
- Sponsor discounts
- Woodworking shows
- Network of business partners.
- A woodworking shop with space to rent
- A network of friends

For information on how you can become a member, see the Guild website listed below.

## GUILD OF OREGON WOODWORKERS

10190 SW Washington St., Portland, OR 97225

### CLASSES, SEMINARS, DEMOS, AND SUCH

**Northwest Woodworking Studio** 503-284-1644, [www.northwestwoodworking.com](http://www.northwestwoodworking.com)

**Rockler Woodworking** 503-672-7266, [www.rockler.com](http://www.rockler.com)

**Oregon College of Art and Craft** 503-297-5544, [www.ocac.edu](http://www.ocac.edu)

**Woodcraft** 503-684-1428, [www.woodcraft.com](http://www.woodcraft.com)

**Woodcrafters** 503-231-0226, 212 NE 6th Avenue, Portland, [www.woodcrafters.us](http://www.woodcrafters.us)

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- ◆ Some sponsors offer discounts to current Guild members.
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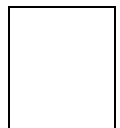
Northwest Woodworking Studio

Oregon College of Art and Craft



### Guild of Oregon Woodworkers

c/o Bob Oswald  
40639 SW Vandehey Road  
Gaston, OR 97119



We're on the Web!

[www.GuildOfOregonWoodworkers.org](http://www.GuildOfOregonWoodworkers.org)