

# OREGON WOOD WORKS

## A CHILD AT CHRISTMAS

MARCUS FLANDERS

It's been quiet in the woodworking world. I hope it means that a lot of elves are helping out Santa.



Remember that the Guild will be donating toys to KGW for their Christmas toy drive. When you have something finished you can either bring them to the Guild holiday party on December 11 or deliver them to Marcus. We need to have them to the KGW Studio on Monday, December 15, so we will need them before that date.

Even if you can only build a few toys, every toy is valuable to a child. Christmas will soon be upon us. This is one time of year to make a less fortunate child happy. As Guild mem-



bers, we are ambassadors of this wonderful craft, so take a little time in the next week to build something simple and help us out.

Children can see and feel the difference between plastic and wood, and they understand the difference between a machine-made toy and a one-of-a-kind toy made by hand. The feel and smell of wood is magical for children.

If you can't think of a project, Google "Toy Plans". You will be overwhelmed at the choices that are available. Call Marcus Flanders 971-322-4467 or email

[marcus.flanders@blount.com](mailto:marcus.flanders@blount.com) to arrange delivery.



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### NEXT PROGRAM — THURSDAY, DECEMBER 11, 2014 6:00PM

## HOLIDAY PARTY

5441 SE Belmont, Portland 97215

It's that time of the year to get together for the holidays. The event will start at 6:00 pm with dinner starting at 6:45 pm.

Dinner will include some items purchased by the Guild like beverages, a ham and a few snacks that Jenny will be bringing. Please bring your favorite dish for all to enjoy along with serving utensils. Also bring your spouse or partner, we are looking forward to meeting others in your family.

There will be a secret Santa gift exchange. If you bring a gift, you take one home. Please bring a woodworking item that you have made. Be sure to gift wrap it. The strong preference is a handmade gift but otherwise please keep a \$25 limit on the purchase.

Whether you are new to the Guild or have been around for a while, you need to attend this event to enjoy food and friendship. You don't need to bring a gift (or any food for that matter). Just show up for a good time with fellow Guild members.

If you have any questions, please contact me at [james@madaras.us](mailto:james@madaras.us) or call 503-754-5622

Mt Tabor Presbyterian Church, same place as last year. 5441 SE Belmont, Portland, 97215  
Please try and park in the church parking lot on the corner of 54th and Belmont. The entrance doors are across the street and straight down the sidewalk to the left of the playground area.

## WOODWORKING SHOW

JIM MADARAS, PHOTOS BOB OSWALD

The Guild booth was a busy place as usual, November 14-16. Thanks to 35 volunteers who spent time helping set up, tear down and operate the booth.

A very special thanks to Ariel Enriquez who made cabriole legs for the better part of two days.

Demonstrations of woodworking techniques and the Guild message reached to several thousand people interested in some aspect of our art.

This annual event is one major way the Guild promotes woodworking and attracts new members. Four new members have joined as of this date.



## PRODUCT TEAM UPDATE

ED FERGUSON

The Product Build team is wrapping up the doll cradles project. Some of the cradles will be used for fund raising and some will be donated to Toys for Tots. We have two remaining work sessions for this particular project: Wednesday, November 26th, and Wednesday, December 10th from 1:00 to 5:00pm.

We'll be starting up again on January 7th, with new projects to be chosen by the group. We meet on alternating Wednesdays. Product Build welcomes any members who would like to join us in building items to donate or to sell. Any proceeds go to help support Guild programs. Contact Ed Ferguson at [edbikes@comcast.net](mailto:edbikes@comcast.net) if you have any questions about the program, or just drop in on a session and we'll put you to work.

## GUILD OFFICERS—2015

BOARD OF DIRECTORS

The following members were approved by general vote at the November annual election November 13, 2014

### Officers:

President – Gig Lewis  
 Vice President – Alexander Anderson  
 Treasurer – Roger Crooks  
 Secretary – Steve Poland

### Committee Chairs:

Membership – Larry Wade  
 Education – Chip Webster  
 Programs – Open  
 Operations – Ray Curtis  
 Communications – Bob Oswald  
 Community Projects – Don Cline  
 Sponsors – Bob O'Connor  
 Prof Membership at Large – Bill Bolstad  
 General Member at Large – Norm Baird

## GUILD SEEKS YOUR SUPPORT

BOARD OF DIRECTORS

About the 1st of December you will receive a letter from the Guild asking for a contribution. This appeal is to gather needed funds to continue our programs of education and community service. Your response in 2013 was a significant factor in the Guild being able to have a shop.

We hope you will understand the importance of this appeal and will help by contributing.

Thank you for your support.

## STRANGER THAN FICTION

Isn't it surreal how gasses in the air sometimes crystallize out and gradually fall down to pile up here at the bottom of the atmosphere?



## SHOP NEWS: THANKSGIVING

RAY CURTIS

I hope you all had a wonderful Thanksgiving holiday. One of the things I am thankful for is the Guild. I see it as a place of gathering of friends, learning and teaching, and service. One of the integral parts of the Guild's mission is the shop. It is where we gather in friendship. It's our major teaching and learning and helping others location.

A major source of our support is the shop membership fees. Consider this your reminder to renew your shop membership and keep our shop active. If you don't have a shop membership or a green card, now is the time to get active. We have a large number of activities that can get you started and getting a green card has never been easier. Signing up for shop hours is a breeze online.

Have a Happy Thanksgiving and join us in the shop!!



## WELCOME NEW MEMBERS

BOB OSWALD

Welcome to all of the following new members in chronological order:

David Witter, Robert Bergstrom, Jay Kosik, DongWon Song, Patrick Dudley, John Sheridan, Kim Johansen, Matthew Burrell, Michael Friedman, Ray Lewis, Gerry Engel, Rick Miller, Lawrence Jackson, Thomas Jackson, Timothy Jackson, Kurt Leipzig, Carl Thompson, Jay Zollinger

We hope you'll make a regular appearance at the monthly programs. We're happy to have you with us. Say hello to an officer at the next meeting so we can get to know you.

## GASTON HS MAKES TOYS

BOB OSWALD

From Wade Sims, shop teacher at Gaston High School

My engineering class and junior high class are both making toys (wooden marble block mazes) for the KGW toy drive. Our engineering students engineered the blocks using computer aided design and then made prototypes to then build. The junior high students are using the engineering students designs and mass producing the marble toys.

These kids do good work part of the Career and Technical Education program. We are going to be donating through the Guild of Oregon Woodworkers, whom I know donate every year to the toy drive.

*Ed: this note was sent to a friend of Wade's who contacted a friend at KGW. As a result, the want to do a news story, filmed next week at Gaston High School. Thank you to Wade and the Guild toys program!*

## PRODUCT SHOWCASE 2014

BOB OSWALD

Did any of you stop by the Woodworkers Showcase at the Woodworking Show? You would have seen my violin, now in its finished state. The judging was done differently this year. Categories were Best Finish, People's Choice, Best Workmanship and one other that I forget. There were divisions for youth and for adult.

The youth winners got gift certificates. Adult winners got a Bosch power tool, your choice of a jig saw, orbital sander or drill. I took first in Best Workmanship and two seconds in Finish and People's Choice. The cement mixer truck took two firsts.

I'll have to comment that, while it was an outstanding piece of work (photo below) it did not do justice to woodworking. It could have been made of plastic or aluminum. I happen to know this guy, ironically. He makes models of Caterpillar equipment and his work is absolutely stunning, in paint and detail. I've seen many of his pieces at toy shows.

My first place netted a Bosch orbital sander. Big thanks to Bosch for sponsoring this event across the nation.

Consider entering next year.



## UNIQUE KREG APPLICATION

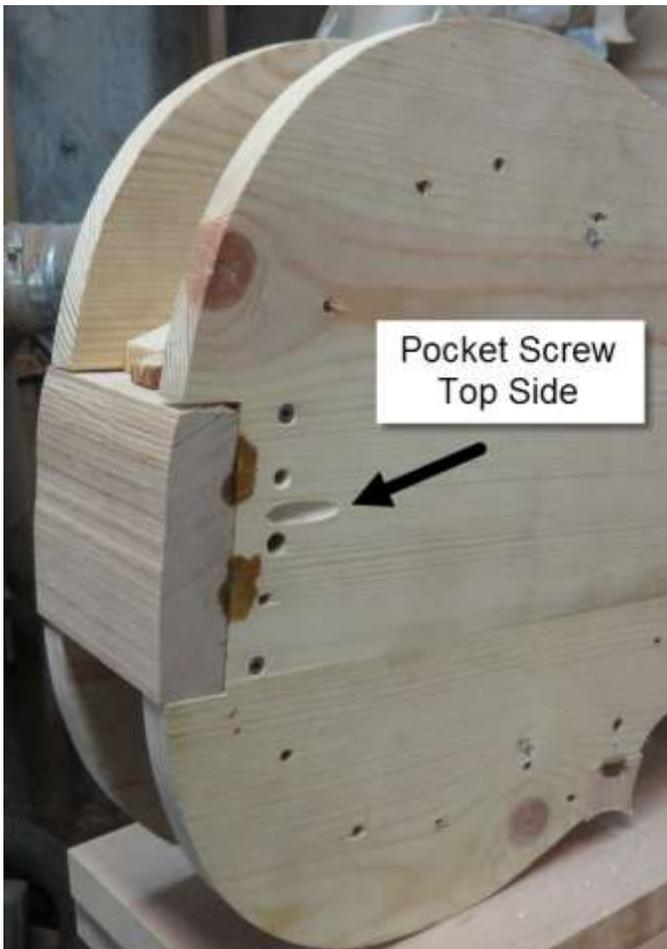
BOB OSWALD

An early step in building a violin is gluing the corner blocks to the form. This is a struggle, using hide glue to attach them in a way that they will release later. The mold surface is varnished to keep the glue from penetrating and making the bond too tight. The reverse problem is that they tend to pop off with a small impact.

The current cello project is wrestling with the same issue. The blocks are bigger and two of them popped off in moving the form recently. The Woodworking Show provided inspiration. Kreg had a myriad of applications displayed.

It occurred to me to use Kreg pocket hole screws to hold the cello blocks. They are very large and would easily tolerate a little screw hole in the back side.

Perfect, and it probably would have worked well on the much smaller violin blocks.



## MITER SAW TIPS

BOB OSWALD



Sitting in on Wood magazine's lectures at the Woodworking Show is always educational. As much as I know about woodworking, or like to think I know, I always come away with new knowledge. Jim Heavey has been representing Wood for as many years as I can remember. I totally enjoy his down to earth gentle style. He's never selling anything. Shows no favorites. He runs at a rapid pace and you leave knowing many new things.

This time the miter saw was the focus of one session. Some things you might not be aware of:

- ◆ To shave off a cat's whisker of a crosscut, with the saw OFF, lower the blade and butt the piece against the flat part of the blade, not contacting any teeth. Raise the saw; you'll hear a little scraping sound as some teeth drag across the work. Make the cut and you will remove about 1/128th of an inch.
- ◆ Use a light touch. The miter saw can make pretty accurate cuts, but, with the moving joint that lowers the saw, there is bound to be a tiny bit of play, side to side. This can't be avoided. It's a feature of the mechanism. But rather than grabbing and 'slamming' the saw down, use a gentle touch and apply consistent pressure the same way each time. You may improve the quality of your cuts.
- ◆ Are you having trouble getting a perfect miter on a picture frame, for one of several reasons? To cut the tiniest bit of the heel or the toe, put a business card between the piece and the fence at the end you want to shim out. Use the "cat's whisker" procedure above to make that trim cut.
- ◆ Here's another tip, when building a frame and you have an ever so slight gap in one corner. Rather than making many trim cuts described above, proceed with the glue up of the frame. When you have your band clamp in place, wipe off any glue squeeze out, particularly on the offending joint. Then touch it gently with an orbital sander. Some sawdust will be forced into the small gap and the glue, most likely rendering it invisible.
- ◆ Making cove molding can be a challenge, especially on an intricate ceiling structure. See the molding article elsewhere in this issue.

## UNDECIDED?

BILL KEAY

Thinking about getting a Green Card?

Come get HOSTed – The Guild has Hands-On Safety Test (HOST) sessions available every other Thursday night (5PM) and Saturday morning (9AM) through the end of the year. Take this final step to getting certified to use the Guild's shop.

## FOR THE LITTLE PEOPLE

BOB OSWALD

Here's a cute little project, easy to make, no tolerances. And it will elicit a smile from everyone who sees it. This little gnome door, against the wall of the kitchen backsplash, or against a tree trunk in the yard, bespeaks of little magic folks living nearby, looking over you.

The outline on this page is a full size tracing of the outside of the door. Hand sketch the inside shape similar to the photo, perhaps thicker at the top. Build the door with some scrap pieces 1/4" thick and an inch or so wide. Or use solid piece and put some plank grooves in with a V-bit on the router table. Route a rabbet on the back of each door side to match the thickness of the door. Glue all the pieces together. Add the sanded end of a dowel for a knob. Finish with your favorite varnish, oil, wax.

I've been planning to build one where the door is open a crack, with a black interior and a pair of eyes peering out.

You could make this two feet tall for the larger wee folk in the neighborhood. Also a whimsical Christmas gift. Write to me if you want a full size drawing.



## NEW TO WOODWORKING SIG

BOB SOKOLOW

We met at Alexander Anderson's shop. He discussed some of the ways to fix the inevitable mistakes that happen when woodworking. While not making a mistake in the first place is the best solution, there are many ways to repair them, but sometimes the best repair is to start over. Attention to detail and being careful help prevent many mistakes.

There are a few items you can keep in the shop, like a repair kit. Items include putty, sawdust of different shades, dyes, epoxy, glue and a collection of knots that can be used to fill holes where the knots are missing. The methods he demonstrated included the use of an iron to repair a dent, the use of epoxy, dyes and different colors of sawdust to repair holes or knot holes, using putty to repair small holes and gouging out a hole and replacing it with a similar sized gouge from a different but similar piece of wood.

The evening was filled with lots of demonstrations, good questions and other woodworking topics including the use of various types of glues, turning mistakes and problems into opportunities with a slight change in the project. Thanks to Alexander for a great presentation.

There will not be a meeting in December. Next one will be on Wednesday January 21, at the Guild shop, with a discussion and demonstration of a router CNC. Check the website for more information as time gets closer.

## BOARD MEETING MINUTES

The Board of Directors of the Guild of Oregon Woodworkers meets monthly before the general meeting. Minutes of this meeting are available on the Guild website at [www.GuildOfOregonWoodworkers.org](http://www.GuildOfOregonWoodworkers.org)  
Click the "Board Minutes" entry under Members Only.

## WOOD PRODUCTS FAIR

**GOT WOOD.....**

**Boards, Burls, Bowls, or Other Woodland Products?**




If you are a local woodland owner, craftsman or business producing & selling materials or products from our local woodlands and forests...



Bring your  
"Goods from the Woods"  
to exhibit at

**2015 Local Wood Products Fair**  
Saturday, February 7, 2015 8am - Noon  
Linn County Expo Center, Albany  
In conjunction with the Linn Small Woodlands Association  
Tree Sale

Exhibitor registration deadline: January 27, 2015

For further exhibitor guidelines and registration form visit the current event calendar at :

<http://extension.oregonstate.edu/benton/forestry/events>

For more information call Mary Brendle LCSWA 541-367-2845, or Jody Einerson Benton County Extension: 541-766-6311 or [jody.einerson@oregonstate.edu](mailto:jody.einerson@oregonstate.edu)

## COVE MOLDING TIPS

BOB OSWALD

Cutting cove molding for ceiling enhancements is always a bit of a challenge. Here's a lesson learned at the Wood magazine booth at the Woodworking show, shedding some light on the subject.

There are jigs sold by a number of companies to hold the molding at the correct angle in the miter saw so you can make a vertical cut. No compound angles to worry about. One short-coming is wrestling with a fourteen foot stick of molding. Another is adjusting by a few degrees to compensate for an out of square room. Another is dealing with inside and outside cuts, right and left side, and keeping them straight.



All are solvable in some form. Jim showed the audience how to work with molding lying flat on the table. One major "secret" is that most "modern" miter saws have markings on the swing and tilt arms for the standard cut. It's 31.62 on the swing table and 33.9 on the tilt arm. My DeWalt, and many saws, have *detent* stops there. I didn't know that!



The next and most critical challenge is knowing how to set the saw to cut the correct bevel. It's complicated by inside and outside corners. Working around a built-in cabinet will require inside corners also.

Jim solves that problem with a set of templates. And you can make them in a matter of minutes, if you know how. Here's how.

First identify the *bottom* of the molding. Jim points out that the "busy" stuff is at the bottom of the molding. Consider that the whole molding piece as very ornate and gravity pulled most of the detail to the bottom.

Note two things in the photos. I didn't have a piece of molding, so I *drew* on some detail at the bottom. Observe the heavy black line on the bottom and the top edge of each

piece. This black line will ALWAYS go against the miter fence.

1. Start with about a 3-foot piece of scrap molding
2. Cut it in half
3. Mark bottom of one stick with a heavy black felt pen (see the marks in the photo)
4. Mark the top of the other piece with a black line.
5. Tilt the saw CCW to 33.9 degrees.
6. Swing saw left to 31.6 degrees
7. Put the molding with the bottom mark against the fence
8. Cut it in half.



9. Mark the left piece Left Outside and the right piece Left Inside.
10. Swing the arm right to 31.6 degrees. Leave the tilt the same (CCW)
11. Put the molding with the top mark against the fence
12. Cut it in half



13. Mark left one Right Inside and right one Right Outside

If you now take the "outside" pieces and join them, you'll see the outside corner cut. Similarly, join the "inside" pieces to see the inside profile.

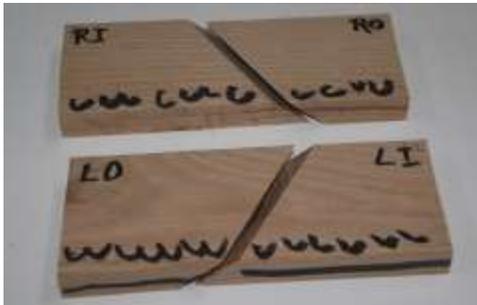
To use them, tilt your saw CCW to the angle for your molding (See note about angles) Swing the table to the left or right, depending on which sample you want to replicate, RO, LO, RI, LI

# OLD RESPECTED SAGE

JULIE NIEMEYER

Lay the pieces out flat and right side up to match the photo. Note the black line on the bottom of the left pieces. There is a corresponding black line on the top of the right pieces. The black line (or the bottom/top) always goes against the fence.

With these templates, you can hold up the pieces in that ceiling corner,



inside or outside and identify the cuts you have to make, and get them in the right position on the saw. A word of caution.

With the saw swung aside and the blade at a strong tile angle, there is a lot of blade exposed. It looks pretty scary. It IS. Clamp your work. Use long pieces. Tight against the fence. A good fence with minimal gap where the blade goes through. Be careful.



There is no SawStop on a miter saw.

**Note:** There are three common mounting angles, 38, 45 and 52 degrees. 38 is the most common and is the reverse of 52. Your saw is set for this and it may also be set for 45 degrees. My DeWalt has detents in both positions.

To make fine adjustments for an out of square corner, us the table of angles at many websites such as:

<http://www.dewalt.com/featured-articles/cutting-crown-molding-with-dewalt-miter-saws.aspx>

Angle Between Walls	52/38° Crown Molding		45/45° Crown Molding	
	Miter Setting	Bevel Setting	Miter Setting	Bevel Setting
85	33.90	35.52	37.66	31.42
86	33.43	35.19	37.17	31.14
87	32.97	34.86	36.69	30.86
88	32.52	34.53	36.21	30.57
89	32.07	34.20	35.74	30.29
90	31.62	33.86	35.26	30.00
91	31.17	33.53	34.79	29.71
92	30.73	33.19	34.33	29.42
93	30.30	32.85	33.86	29.13
94	29.86	32.51	33.40	28.83
95	29.43	32.17	32.94	28.54

The dynamics of the Guild are varied and many. There are so many places one can get involved to make this Guild an acclaimed center for learning the art and craft of wood-working. One avenue for connection is your Education Committee/Team. We are a group of members with diverse interests, skill levels and opinions who work hard at bringing classes to you. As with any successful volunteer organization, we welcome members who would like to impact the opportunities the Guild can offer. There are three integral parts to the big team and none can stand alone; the Education Committee develops and oversees the classes, the instructors teach the classes and the students take the classes.

A class posted to the website begins as an idea which often comes to the Committee through casual conversation at a monthly meeting. The Education Committee also meets several times a year to discuss class ideas and loosely schedules those classes on the calendar. The round-table style discussion explores the viability of a class: what kind of student might take it; beginners, intermediate, advanced, professionals? What are the skills that will be learned? Who might teach it? What type of class should it be... a Special Interest, Beginner, Advanced, Special Skills, Summer Lite? Should it be a 2-hour lecture or multi-class work shop? Will someone actually pay for it? Who might like to be the class coordinator? Do we have all the "right stuff" to make this baby fly or do we postpone it for further research?

A committee member begins to develop the baby idea by approaching an Instructor and a coordinator. Sometimes it's as easy as asking one of our professionals who, often, have given us the idea in the first place. Occasionally, we have members with a skill they'd like to teach; Ariel Enriquez's Multi-Router Joinery, Alexander Anderson's Krenov Style Plane class or Norm Baird's Scratch Stock are examples. Once or twice a year the Education Committee tries to bring in a national notable such as George Walker or Mary May. Chris Schwarz will be joining us in April, a result of conversations Chip Webster began in early 2012.

From here the process is fairly straightforward, but does take the time and effort of many. A class coordinator volunteers (remember this) to walk the baby idea into puberty using protocol of the Education Committee. A class description is written, syllabus developed, costs calculated, venue and dates are established and the teenager is submitted to the website where students do their part to register.

This is where the parents of the young class worry. Will anyone sign up? Is the class too expensive? Did we miss the mark on our membership needs and wants? Did we do everything we could to promote the class? We wait, and sometimes wait longer, for students to register.

Most classes take off and become adults. When everyone does their job, Education Committee, instructors, coordinators and students, we have success. It's the students who make the class successful. To you who take the classes, thank you. To you who think that you'll get around to it sometime, this is the time. It's the students who dictate whether a class becomes an old respected sage or one that get thrown out with the bathwater.

The Guild membership, as a whole, is part of the Education Committee team and directly impacts the education decisions made. We need all of you to become part of it. Call or write to Education Committee members listed on the website under Classes and see yourself as part of the team.

## SHOP CURRENTS

RAY CURTIS

We acquired the 800 sq. ft. area across from the shop, formerly known as D and have renamed it the Guild Annex. The following suggestions came from the first planning meeting. The items below are not in priority order or the order in which they were discussed.

1. Environment Modifications – The Annex is essentially a warehouse storage space, with minimal heating shared by the karate school and controlled by them. There is a general dampness about it. It only has 3 15A electrical outlets. Additional electric would need to be wired from the Karate studio where the main power is located. We decided to use a min/max thermometer to track the temperature extremes and install a portable dehumidifier

2. Chair Storage – We moved the chair rack and extra chairs from the shop to the annex, learning several things in the process. First the parking lot is VERY uneven, and it is very difficult to move the rack except near the top of the parking lot. Getting the rack into the annex requires a small wooden ramp Larger wheels would help, and that may be a future project.

3. Donation Storage and Display – Moving donated items here would help the general clutter of the assembly room. However we will need to build some storage and display space

4. Wood Rack – Moving our wood rack would free up a significant amount of space in the machine room for another tool. That would require drilling holes into the berm wall. Ray will work with Patrick on a best way to accomplish this.

In addition various wood products stored in other locations donated by members can be moved here.

5. Community Projects – Community Projects is currently taking a fair amount of space in both the assembly room and the machine room. Moving their storage to this space would free up that space in those rooms. We will work with the Community Projects team to get their stuff moved over.

6. User Storage – User storage is an obvious use. Several question arose—how to set it up, what to charge etc. We decided that we could use the same setup that the Greenville group used, 3-4 ft. deep cubicles. This requires building cubicles, requiring someone to do drawings, acquire the materials, and put together a work party. Discussion led towards charging an amount equivalent to one per cubic foot per month, prorated by either week or month. We still need to figure out a way to charge, collect the money and track usage and how to coordinate with the Shop Attendants.

7. Guild Projects – Currently the guild projects and wood for them is stored on the wood rack behind the wide belt sander. Moving these projects to the Annex would provide better and more accessible storage. They could be stored in unused user storage cubicles initially.

8. Guild Store – We have long desired having a Guild Store, where users could purchase materials sandpaper, etc. This could be integrated with the donations space.

9. Meeting Supplies – Our various meeting and class supplies could be stored in the annex as well, having removed the chairs and this from the Foyer would allow this space to be used as a library and office space for our computer equipment and file storage.

10. Meeting Space – If we are careful about how we store all the above items we estimate that we could hold meetings in the remaining space for up to about 20 people, this would take some of the pressure off the shop and enable more coordination meetings for our various projects and sub groups. It would allow the shop to be used at the same time as meetings, without impacting the meetings. This requires a method for reserving the space similar to the current shop reservation system. This need to be investigated for website implementation and other issues.

Progress to date:

- ◆ Installed dehumidifiers in the main shop and the annex, and we now have a consistent humidity of about 40%
- ◆ moved the chairs into the annex along with the meeting and class supplies
- ◆ we have moved most of the donated items for resale into the annex, and are working on a way to display and make them available to members before meetings.
- ◆ The landlord has agreed to let us move the lumber storage rack to the annex. We have moved some of the community projects supplies to the annex.

We held a work party to work on shop projects, maintenance and improvements. I would like to thank all the people who participated in that shop work party, I had a long list of things to do and we got almost all of them either finished or started. Including:

- ◆ Installed the saw till on the wall finished by Tim Moore.
- ◆ Put a new leaf in the small Saw Stop saw, to replace the one with a casting defect, and realigned the saw completely.
- ◆ Serviced and cleaned the main SawStop
- ◆ Changed the filter bags on the dust collector which improved its performance significantly
- ◆ Emptied the fine vacuums, both were packed so full they had almost stopped working.
- ◆ Installed a new mobile base on the small SawStop so it will be easier to move for meetings, and will align with the other saw stop in height.
- ◆ Jim Spitzer hung the video display and he and Shawn Ben Safed harnessed the wiring and set up the video player on the shelf so we can now use the bench.

We got a good start on the molding for the bathroom, building the cabinets for the assembly room, Great job, guys!!!! My plan is have at least one of these a month, perhaps more if I can schedule it. If you haven't been to the shop in a while, drop by and check it out. It is constantly changing and getting better.

## THANK YOU TO VETERANS

In thinking about our recent Veteran's Day celebration, and being appreciative of the efforts they expend for our freedom, I wondered, first, about structural logistics in the services and second, how to say thank you in a different way. This article topic occurred to me.

Reading books about some of our past conflicts, you always run into references to "82nd Airborne" or "369th Infantry" or such. Were there 81 previous Airbornes? Or 370 infantries? What does it mean?

I asked Gig Lewis one evening to explain the structure. It's based on the organizational structure of the particular service. Each branch of the service varies somewhat and I'll use the Marine Corps with help from Wikipedia as an example. The other branches have different names for the tiers but the overall concept is the same.

The chain of command and its composition is listed. The composition of three units can vary from three to six at any level, depending on the mission.

Division - 3-4 regiments (major general commanding)  
 Regiment - 3-4 battalions (colonel)  
 Battalion - 3 companies (lieutenant colonel)  
 Company - 3 rifle platoons, 1 weapons platoon (captain)  
 Platoon - 3 squads (1st or 2nd lieutenant)  
 Squad - 3 fire teams (corporal or sergeant)  
 Fire team - 4 marines (lance corporal or corporal)

In the following, I use the word unit to represent any particular level. If a unit is a Battalion, it will include all of the structures underneath it.

Units get retired. I wondered why they do that and then create another one. Simple answer, a particular unit would be disbanded when it is no longer needed. They fulfilled their mission and the folder in Washington is closed. Like a woodworking project, if you start a new mission, you start a new folder, a new military unit.

Makes sense now!

Gig points out that some units did meritorious service, above and beyond the call of duty as we would say. Those units tend to live on. Advantage is the pride of belonging to a famous unit, instant morale if you will. So it leaves holes in the numbering system, with many units closed out but some living on. Examples include, if I got it right, 82nd Airborne Division, 369th Infantry Regiment, 9th bomb squadron (formed in 1917). It's a deep and fascinating subject and I get lost in the details.

I don't know why I was so confused before but it's rewarding to now understand.

And with that, a tribute, a salute, a major thank you to all of our service folks, and especially to our Guild members who served. I know there are many and I would love to know all of you. The folks we're aware of include:

Gig Lewis, Bill Shockey, Dale Price, Jim Rosser, & Bill Jorgens, all Maine's. Ariel Enriquez, Navy Corpsman, Chip Webster, Naval aviator, Michael Rothman, Air Force Black Box specialist, Gordon Grevig, Army, Richard Haeefe, Air Force, Joe Jedrowski and former president Lee Johnson.

Thank you all.

## FROM THE EDUCATION TEAM

NORM BAIRD

### GUILD UPCOMING CLASSES

#### Advanced Multi-Router Joinery with Ariel Enriquez

Jan 11-12, 9-5, \$180

Coordinator: Greg Kaufman

#### Design Exploration: Activate Your Practice with Amanda Wall-Graf

Begins Jan 27 (5 sessions), 5-9, \$370

Coordinator: Chip Webster

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

#### Light Through the Branches (bamboo lamp)

Feb 21-22

Instructor: Charissa Brock

#### Portland Community College

PCC offers woodworking classes for beginners, women and seniors. I call your attention to one class:

#### Google SketchUp Basics

Jan 13 - Feb 17

Instructor: Bob Oswald

### The Education Team

Chip Webster	Julie Niemeyer	Sen Ben-Safed
Larry Wade	Norm Baird	Dennis Dolph
Bob Sokolow	Greg Kaufman	Ric Fri
Herb Drew		

## ART PEARL-PROFESSIONALS

CALL FOR ENTRIES - Applications available  
 19th annual Art In The Pearl® Fine Arts & Crafts Festival 2015. Labor Day weekend, September 5, 6 & 7, 2015. Northwest Park blocks of Portland, Oregon.  
 Artists are invited to apply between 12/1/2014-2/18/15  
[www.Zapplication.org](http://www.Zapplication.org)

Art In The Pearl has been named one of the top 10 Arts and Crafts Festivals in the country (source: Art Fair Source Book), and features juried work by 130 artists from across the USA and Canada. Developed and produced by artists with the goal of creating a quality venue for artists to present their work to the public in an annual celebration. Our festival fills the Northwest Portland Park blocks with art, theater, music, and hands-on activities for people of all ages.

For more information: <http://www.artinthepearl.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 educational programs
- Monthly newsletter
- An education program to help members develop woodworking skills
- Sponsor discounts
- Woodworking shows
- Network of business partners (the key to our development as members and as a Guild, providing additional learning opportunities)
- 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)

### THE GUILD IS PROUD TO BE SPONSORED BY:

Barbo Machinery  
Carbide Saw  
Emerson Hardwood  
Goby Walnut Products  
Hardwood Industries  
NW Figured Wood  
Rockler Woodworking  
SawStop  
Woodcraft  
Woodcrafters



### Affiliates:

Northwest Woodworking Studio  
Oregon College of Art and Craft

- ◆ Some sponsors offer discounts to current Guild members.
- ◆ \*\* denotes Scholarship Sponsor



## 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)