OREGON WOOD WORKS

Bob must Retire

Wanted ~ Editor-in-Chief

Skill, Confidence, Humility

It's been an interesting month. Writing about how to replace me as newsletter editor gives pause for thought on my skills and how to help the transition.

In the DIY section, (which does not even need to exist today, but I thinks it makes the newsletter half of what it should be), I reflect on all I've written about. Where does it come from.

The early days were crude. As I spent more time in the shop, skills grew, through mistakes, or trial

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It is with very heavy heart that I'm having to step down from the middle of this role. It's been a long and wonderful ride. Vision deterioration has been occurring for a long time. It's finally at a point where even with all the great Windows help, I just can't see well enough to get this job done in a timely manner.

I want to continue to contribute, and on an individual article basis, I can.

We need an enthusiastic new person who wants to publish a newsletter. It's not that hard (easy for me to say) but if you have a decent creative eye and use or like to use publishing software, there is a tremendous base in place to start from. I'll detail the segments of the newsletter inside that hopefully makes it not seem like eating an elephant.

My favorite funny story goes back to 2014. Then vice-president Dean Matteson called me at home and asked if I would take over a new role, Communication Chair, that was mostly about handling the newsletter. "You don't have to

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NEXT PROGRAM TUESDAY APRIL 17, 2018 7:00PM ELEVENTH ANNUAL INTRA GUILD SHOW

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

It's hard to believe we started planning this event four months ago and the time is upon us.

Bring your favorite woodworking project to the May 15 show at the Multnomah Arts Center. This is a perfect place to display a lot of projects.

Bring tables, chairs, jewelry boxes, wood bowls, carving, a canoe, any favorite project you have completed in the last year or so and would like to share with the rest of the members.

The ribbons are on order, Blue, Red and White for each category. Enter as a beginner, intermediate or advanced woodworker.

Just come by around normal social time, perhaps a little earlier and check in at the registration table. Pick up a project ticket, preprinted or we will fill it out, with a number for you.

Voting will occur throughout the evening and winners will be announced around 8pm.

Enjoy the show Be a part of it.



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.

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EDITOR~IN~CHIEF

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write the articles, just pull them together and publish them." Yes, you know. It was a small newsletter then and there weren't many articles. So I wrote. It's ok, I liked to do that. The early work was clumsy. I look back and hang my head. I hope my peers today don't look into the archives.

But time passes. I learned, I stopped digging through magazines and started writing about my own experiences in the shop.

Over the years, different sections were added to the newsletter, some quite recently. I like the gallery of photos today. Almost no work on your part.

So today I proudly say, "You don't have to write articles. Just collect them and make them pretty." And it's the truth.

This issue will probably be my last official publication. I will struggle to publish the May issue to document the IntraGuild show. It will be very difficult. I'm working here today under 250% magnification, struggling with the clarity of the words. My wife will kindly proof all the text. Many of you have offered to help there. We need new hands, not help proofing.

See the Newsletter Composition column for what makes up the newsletter today.

Contact me at timbercreek08@gmail.com or call any time, 503-985-7137, to volunteer or chat about it.

MEET THE NEWSLETTER STAFF

BOB OSWALD

To the next newsletter Editor-in-Chief, *you are not alone*. I fail to recognize other than through bylines, the many people that today make the newsletter possible. I would like you to introduce you to your newsletter staff in this issue alone, with a bottom of my heart thank you:

Ed Ferguson, Ken Hall, Joe Nolte, Chip Webster, Gary Weeber, Larry Wade, Alexander Anderson, Jeff Zens, CJ Marquardt, Bob Oswald, Norm Baird, John Sheridan, Todd Carpenter, Tom Carson, Eddee Edson, Steve Polland, Chris and Eamon Haverly, Bill Hamilton, Mick Galem, Roger Crooks and Bill Keay.

Gallery this month: Dick Rohrbauch, Steve Poland, Dick Harbert, Clark Moss, Tom Willing

In previous issues, to list only a very few: Frank LaRoque, Jim Spitzer, Asa Christiana, Gig Lewis, Julie Gredvig, Ruth Warrington, Roger Crooks, Jim Madaras, Ariel Enriquez, Ed Vachal, Bill Keay, Bob Sokolow. The list turns out to be huge. Over my decade, contributions have come from dozens and dozens of people, all the way back to George DuBois and Lee Johnson.

NEWSLETTER COMPOSITION

BOB OSWALD

Here is the structure of the newsletter today. It's largely a job of using publishing software to assemble a lot of information and make a nice presentation.

Here is a simple summary, followed by details for each section.

Qualifications

- Want to publish the Guild newsletter
- A reasonable ability to communicate
- Uses publishing software
- A reasonable eye for composition

Newsletter Content, bullet form

- Next Meeting
- Internal Articles, solicited:
- Upcoming Classes
- Internal Articles, unsolicited:
- Famous Guest Visitors
- External Articles.
- Show-and-Tell section.
- DIY section.
- In the Shop This Month:
- Reader's Digest. Model
- Recipes.
- Editor's Insight
- Information for new Members
- Running Columns
- Look and feel of a real newspaper

Do you realize how much of this you just have to collect and format? It's a fun Rubik's Cube project.

Qualifications—a little detail

- If you use publishing software, you probably don't need to read any further. You'll have the basic skills, communication and presentation. Then it's just a mater of collecting a lot of data each month and assembling it.
- I use Microsoft Publisher. Others prefer Adobe InDesign. They are both perfect.
- Publish within the last couple days of the month.
 Send out a call for input due a week before that to give you time to do the formatting.
- Save a PDF version. Upload it to the Guild website and send the link to it as an email to the members.
- Sit back and enjoy a couple of weeks.

Newsletter Composition—Detail

"The newsletter is so overwhelming. I could never fill Bob's shoes." I love to hear that. It's not true but it makes me feel good. Here's how I break the job down in to sections.

• Internal Articles, solicited: This is the core and it

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NEWSLETTER COMPOSITION

CONTINUED

alone would make a decent newsletter, Guild information for the members. All else just makes it better. I send a request reminder to about 40 people, the core of the Guild who have the most knowledge about what is coming up. I give them a week. Content will include SIG announcements, special classes, upcoming shows, estate sales, whatever. Capture it and format it.

- Upcoming Classes: Norm Baird provides excellent copy every month of the next month's education offerings. Format a few headings and you're done.
- Internal Articles, unsolicited: Quite often members send little articles, or photos and a short story about a project. Report on the Next Level series is becoming a regular. Gather and format them.
- Famous Visitors: When we have world class presenters each year like Garrett Hack this month, there is usually a lot of information coming in. A couple articles about classes from the coordinator. A lot of photos if you are in touch with a number of the Guild core people. It's a fun job to assemble these articles and learn a bit about the presenter at the same time.
- External Articles: Every month a couple of things come in from other clubs or art shows. I usually print them, sometimes heavily edited. It's part of the email stream to you.
- Show-and-Tell section. This is so easy and fun. I invented this gallery, realizing it was a great way to share what our members build. I send out one email blast to the right Guild group and get at least 40 replies. That's six months of data. Don't publish them all at once or a) you'll run out fast and b) it becomes too mundane to the readers.
- Welcome New Members: Pretty straightforward. Pulled out of the Guild website. (Initially you will need help from me). Paste them in.
- DIY section. In the early days there was not as much content. I felt compelled to write something. It grew into a love of sharing. For years I've enjoyed a fantastic woodshop and working in it. My attention is always on the newsletter when I'm in my shop. Camera nearby. What can I tell our members about my current experience. If you'll notice, for several months this has been meager. Still the newsletter thrives. Do what you want here.
- In the Shop This Month: I tried a series on "What's happened in the shop this month", twice. Trying to make the shop more visible to members by showing them what goes on there. It failed for lack of support. But if one were spending more time in the Guild shop than I have been able to, even once a week during a busy time, with a camera and a creative mind, it could be a rich source of information.

- Reader's Digest Model. When I do create articles, my style is that of this simple magazine. Short and sweet. Fine Woodworking goes into great and beautiful detail. Takes a lot of effort to produce. I just want to inspire people, not teach woodworking. Wood magazine is a little more to the point. But I seek out the one pagers. So anyway, I write that way. It's easier too!!!
- Recipes. Does anyone really care? It seems to me that every magazine has a recipe section. Why not mine. Use it or lose it.
- Editor's Insight: Lee Johnson, president just before me, would write an inspirational article. I loved them and his outside look at life. That went away with him. I started it years later feeling a hole in "inspiration". How do I do it? Glass of wine, rocking chair on the porch, sunset, birds chirping why are the frogs and crickets so melodic. The mind wanders. I would take a subject like humming bird migration, a little internet, and tie to woodworking. You don't have to do this section. I might continue it.
- News for New Members. That comes at the end of the newsletter. Never used to do that. I would write about how to edit your profile and three months later, 100 new members would have no clue. This evolved from knowing the Guild operations. And when I shed the shackles of a nine-page newsletter, it allowed for this two page section to run every month without taking news space. It HAS made a difference.
- Running columns: I have had offers over the years from members to write an ongoing column. I agreed and would look forward to it. Sadly they faded away over time. It's an opportunity. I have done, and would like to see again, series on Shop Tours, Interview with the professional members, LaRoque on the Loose.
- Look and Feel: Look back at newsletters two years ago. Compare front pages to today. Today has a little more modern feel of a professional publication with the double headline. I forget what they call it. A volunteer led me there a year ago. I like it. He was going to help change some of the methods inside. He disappeared. It's an opportunity if you want to play with professional look and feel.

I can still imagine contributing. "Geppetto's Workshop" or something. Perhaps a shop article if I can get back into the shop.

Hopefully this puts the newsletter in a manageable perspective. I will help with the transition, 100 percent committed. Contact me at timbercreek08@gmail.com or call any time, 503-985-7137, to volunteer or chat about it.

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THIS WAS A GAME CHANGER

JEFF ZENS

So said one of the students who participated in Garret Hack's week with the Guild this month.

Beginning with a three-hour bus ride from his Thetford Center, VT. home to Boston, and eventually to Portland, Garrett joined a distinguished group of national masters who have presented to our Guild.

His first session was an all-day event titled Practical Design. A series of slides of his own and others' work provided a foundation for the elements that make up good design. His easy-going, unpretentious style invited audience participation, and there was plenty of



Robert Frisbee leans in to get a close look at setting up a scratch stock.

it. One of the more interesting aspects of the slide presentation was the clear development of his own design aesthetic. His early work was influenced heavily by the Shaker style, and over the years begins to include embellishments of the Federal period. Garrett's often-expressed sentiment: "A straight line is a missed opportunity" becomes much more obvious in his recent pieces, including an extremely complicated 2017 Chest called "Outside In" built from 21 wood species, and few, if any, 90-degree joints. You can see this piece and much more of his work on his website, www.garretthack.com.

Tuesday evening, Garrett presented to the general membership with a retrospective of his work, and a lively question-and-answer session with the membership.



Leslie Kantor and Garrett Hack examine Leslie's hand-made insert for her scratch stock.

Wednesday and Thursday saw him present a class titled "Elegant Details", during which he led students through the techniques he uses to embellish and accent his pieces. First creating then using the simplest of tools – a scratch stock – students created beads along the edges of sample boards, and quirk beads along adjacent edges. The techniques became more detailed and involved with the creation of string inlay, small panels of crotch veneer at the top of legs, and the lovely contrast of alternating holly and ebony inlays. Next Level grad Robert Frisbee commented, "His work looks impossibly subtle, but he showed us how to do it. Like everything worthwhile, it takes concentration. Clear your mind and get to it."

Eyes were really opened wide during the three-day "Precision with Hand Tools" class. As the title suggests, the class was all about the incredible accuracy and refinement a woodworker can achieve through the use of sharp, well-tuned hand tools. The context for these lessons was the design and construction of a

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THIS WAS A GAME CHANGER

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small splay-legged table. Based on a design Garrett first developed years ago, the table for this class was designed on the spot using a full-scale drawing. All by itself, this lesson was worth the price of admission for a lot of the participants. Critical angles were obtained directly from the drawing. Ditto leg and apron lengths. Simple tools – a long straightedge, a T-square, a triangle, a pencil and an eraser.

Full-length leg tapers were roughed out on a bandsaw, but then trued up and polished with well-tuned hand planes. Likewise, the tapered ends of the aprons: cut them by hand to the angle on the drawing, and true them up by hand. Careful work paid great dividends in this process.

Of course, tool sharpness was absolutely essential in these operations. Garrett demonstrated his preferred freehand sharpening technique which several students then put into practice. For most of the students, these super-sharp edges eliminated the final step of sanding, which would spoil the polish on the freshly planed wood.

Students learned interesting joinery techniques for leg and apron construction. Because there were many tables to work on in an abbreviated timeframe, Garrett showed the class how to use a spacer and two blades on the table saw to create perfectly-sized tenons to fit slot mortises cut with a dado set.

Three days weren't enough to get the tables completed, and the time left at least on participant wanting more. Charlie Moore summed it up this way: "Garrett is an incredibly skilled craftsman that is able to convey his knowledge and experience in class by talk, demonstration and individual coaching in a way that works for everyone from the novice to the highly skilled. There is plenty there for everyone. One of my best classes ever - didn't want it to end."

Ed Ferguson also had some nice things to say about Garrett's class. "I would say that the overriding benefit I got from Garrett's class is that he upped my game. Whether it's fitting a joint, smoothing a tabletop or sharpening a chisel, I have a new standard and a new confidence in my own abilities. It was a great class."

Speaking to Garrett as things wrapped up, it was clear he enjoyed his time with the Guild and the students in his classes. While there are no definite plans as of today, a return visit to Oregon is very likely, offering another group of Guild members a wonderful opportunity to learn this craft from a master.



Shavings at the end of a good day at the bench.



The class looks on intently as Garrett fits an apron to a leg.

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GARRETT HACK IN PICTURES

BOB OSWALD

Garrett Hack, notable writer for Fine Woodworking magazine, has spent an incredible week with the Guild. Photos courtesy of Eddee Edson help tell stories. They don't all have text tied to them but I hope it is fun for you to just experience his presence.



Bob Oswald & Garrett talk woodworking during a lunch break





A PERSONAL TOUCH

BOB OSWALD

It was a very special treat for me to meet Garrrett Hack during a lunch break Saturday at the Guild hand tool class.

I felt flattered, and privileged to be contacted by the Guild of New Hampshire Woodworkers years ago, wanting to re-print one of my woodworking articles. Whoa! They are a large and impressive organization. It was a treat to see my name in another magazine. I got to know Jim Seroskie, their newsletter editor and website manage. He became instrumental in helping me build our own new website.

I would read their newsletter and notice repeating well known names. Garrett Hack was one of them. When he surfaced in the Guild a year ago, planning for this week, I commented on my relationship with New Hampshire. He recognized me.

And the circle closes. We meet in Oregon. We share woodworking. Thank you Garrett for a special time



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More Garrett Hack in Pictures Table Building Class

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UPCOMING CLASSES

NORM BAIRD

GUILD UPCOMING CLASSES

Design Boot Camp: Finding Your Voice with Kelly Parker

May 15-16, 9-5, \$315

Class Coordinator: Steve Anderly

In this class Kelly will encourage students to think outside their comfort zone to come up with truly unique designs. We will focus on a simple form, in this case a small table, but talk about how to extend the principles to other forms. After sketching initial ideas, you will learn how to make simple models, then full-sized mockups.

Shaping Clinic: Creating Compound Curve Parts with Kelly Parker

May 17, 9-5, \$160

Class Coordinator: Bob Sokolow

This -day hands-on clinic focuses on how to produce identically shaped compound curve parts, typically legs. Kelly will take you through the process of creating templates, roughing out parts on the bandsaw, and refining them with jointer, router table, rasps, scrapers and profiled sanding blocks.

Building Confidence for the Beginning Woodworker with Kelly Parker

May 18-20, 9-5, \$470

Class Coordinator: CJ Marquardt

In this 3-day class students will learn the basics of solid wood construction, joinery and finishing while constructing a unique wall mirror. You will learn how to use power tools safely and also how to use a variety of jigs while building your project. Check out the link to a slide show (on the class posting on the website) for additional insight as to what is in store.

Classical Carving with Chuck Rinehart

5 Sessions, May 22-Jun 19, different times, \$300 Class Coordinator: Larry Wade Chuck Rinehart has been woodworking for 60 years and the last 30 have included an extensive background in Classical Carving. This class sequence will be a hands-on opportunity to be guided by an expert.

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

Introduction to Woodworking: Boxes and Drawers

May 12, 13

Instructor: Eliot Park

Northwest Woodworking Studio

Building the Bentwood Box

May 5, 6

Instructor: Kate Fox

Anvil Academy

Basic Knifemaking May 19

Longbow Class Jun 23, 24

Instructor: John Strunk

BIG GARAGE SALE

JOE NOLTE

The Guild of Oregon Woodworkers Garage Sale is being held at the Guild Shop at 7634 SW 34th Street, Portland, OR from 10:00 am until 2:00 pm on Saturday, May 5th.

The Guild has over 800 Members and as we all know, most of us are tool junkies. At some point in time we look around our shop and notice that we have a lot of excess tools and think it would be great to sell some of these so we can buy more tools.

So to help out those members and to help new woodworkers stock their shop at bargain prices, the Guild Estate Sale Team is having an "All Guild Garage Sale" where members can bring their excess tools to sell to other members. In addition the Guild estate team has a collection of hand tools including several Lie

Neilson planes in new condition and a variety of hard-wood lumber for this sale.

This is our first time doing this and should be an interesting and fun event



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THE PRODUCT BUILD GROUP STORY

ED FERGUSON

If you stop in the Guild Shop on a Wednesday afternoon, you'll see a beehive of activity, with a dozen or more members actively engaged in 2 or 3 different projects. This group makes items to donate to various community activities or to sell at the Gathering of the Guilds and other venues to raise money for the Guild's programs.

Project Build evolved out of the efforts of several members to increase the Guild's community service involvement several years ago. These included Jim Madaras, a former Board member who made many contributions to the Guild and who, sadly, passed away in early 2016. Others involved included Ariel Enriquez and Larry Wade, who led efforts to organize projects to make birdhouse kits and tool tote kits for kids to assemble at the Clackamas County Fair and other events.

The group started meeting on a semi-regular basis in the Guild Shop after it opened in 2013. Shortly after that, Jim, who was wearing several Guild hats at the time, asked Ed



Al Arntsen, Holland Golec, Mike Sandman, Ken Hall, Phil Scott and Don Cline installing shelf units designed to help create some order in the Guild shop annex.

Ferguson if he would take the lead for the group, which was variously being called the Build Project, the Guild Build, the



Gary Weeber, Don Cline, Jim Madaras and Richard Emmel get ready to deliver a load of birdhouse kits to the Clackamas County Fair.



Ken Hall, Don Cline, Al Arntsen, Chris Haverty, Steve Anderly. Bob Nacamulli, Ruth Warbington and Holland Golec proudly deliver a set of stools to a client with high standards, our Guild shop landlords, Patrick O'Neill and Jayne Cronlund.

Product Build Group and, ultimately, Project Build.

One of Ed's first efforts was to campaign for the commitment of a fixed, regularly recurring shift in the Guild Shop. This, along with an open invitation to Guild members of all skill levels to drop in without registering in advance, let to a steady growth in participation, including increased participation by women, who now make up a quarter of the group's regulars. Last year, Project Build's Wednesday afternoon session was, hands down, the most active shift in the shop schedule, with over 350 shop user sessions...and it's well on the way to eclipsing that in 2018.

Members who come in as beginning woodworkers have the opportunity to work with experienced and knowledgeable regulars who enjoy teaching and passing on skills as much as they enjoy woodworking. Projects are determined by the group based on interest and skills involved, as well as anticipated demand for their handiwork. There's a lot of comradery in the group, and they often end their session at "The Lab" to work out their project design ideas over a beer or a soda or a slice of pizza. If you would like more information about Project Build, contact Ed Ferguson (edbikes@comcast.net)...or just drop by the shop on a Wednesday afternoon.



Greg Kauffman instructs Steve Anderly, Flora Lee, Heidi McNamee, Ruth Warbington and Al Arntsen on glue-up techniques for laminated leg assemblys.

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PRODUCT BUILD TEAM TO THE RESCUE

LARRY WADE

Building Ten "Faith" Chests

A local church has a tradition of giving chests to confirmation-aged children. Because of health issues two church members who are also Guild members were not able to build them this year, so they asked me for guidance. I volunteered to come up with a design, and thought the Product Build Team (PBT) might consider doing the construction, since the church was willing to pay.

DESIGN – the chest is a sizeable box, 16" wide, 10" deep and 6" high – big enough to store letter-sized pages (two reams worth), plus books and memorabilia that the children could keep as they confronted deeper faith issues over a two year period. Goals included keeping the design simple to keep the costs down, making it easy to replicate by the PBT or others in the future, and making it pretty enough to be treasured. Each chest was to be the same, because parents didn't have time to customize it for their child.

The design uses half inch Baltic Birch for the carcass, quarter inch for the bottom and false lid, and half inch Cherry for the top lid and bottom standoff feet. Finish is five coats of wipe-on Poly, done by a small group at the church.

The finished top of the lid was originally going to be plain Cherry, but I discovered that Matt and Kimberly Grommes had invested in a GloForge 3D printer that could laser etch any image on wood, so they generously offered to help. The project leader at the church provided the design and then it was burned into the sanded lid, before finishing.

The removable bottom was set into a rabbet to make finishing easier by inexperienced workers, then fastened with ten angled brass brads, with two half inch spacer blocks to raise the chest off the surface for gripping.

The false inner lid floated in a groove and was the base for the finished top lid, but with glue at each corner for strength.

Dados and grooves were cut into one long board at the same time, using a quarter inch flat-topped blade. Corners were miters reinforced with biscuits. The mitered sides were cut on a crosscut sled, alternating long and short in order to preserve grain continuity around the sides. One groove was cut half way through the material to form one half of what would become the sawed-off lid, using a technique described by Bill Nyberg in a Fine Woodworking article (2 Fast Ways to Build a Box).

CONSTRUCTION – This was partly a training exercise as well and over two months about fifteen members participated, as illustrated in the photos. The goal was ten finished boxes, eight for the children and one sample each for the PBT and the church. The Baltic Birch cost was negligible so we cut enough pieces for fifteen to cover errors and left some unglued.

The sliding table saw was used to rip the sheets into



chest-height strips plus a quarter inch for the lid cutoff kerf; the table saw was used to cut all the grooves at the same time; a miter crosscut sled was used to cut the sides; biscuit slots were cut into the mitered corners; then glue-up (using two Harbor Freight belt clamps per chest); glue cleanup; finally the lid was cut-off, more cleanup using hand tools. The resulting lid had an offset lip, and was the solution chosen instead of hinges. Instead of putting handles on the lids we decided to use a router to create grab slots, and because the lid might not fit equally in both directions, we marked the front of the box with recessed dowel marks.

The finished lids were created in parallel and were rabbeted to fit into the top lid cavity, held in place by four flat head wood screws. The underside of the lid was finished with fabric taped over cardboard in order to hide the wood screws (thank you Bill Bolstad for this technique).

PLANS – copies are available from lpwade@gmail.com



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To THE RESCUE

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SURFACE PREPARATION AND SHELLAC FINISHING

TODD CARPENTER

During the recent "Woodworking at the Next Level" class, we met at the Guild shop to absorb what felt like multiple days worth of knowledge and experience on surface preparation and shellac finishing. I approached this class with excitement and trepidation, as I previously viewed finishing as a confusing, intimidating, and daunting process. I was hoping this class would provide a basic set of skills, knowledge, and confidence to take my basic finishing skills to the next level.... I was not disappointed.

The class was taught by Chip Webster, the Guild's resident finishing expert. During the first half of the class we learned the many details of finishing including the different types, the bonding mechanism & behavior, and the associated solvents for each type of finish. There was a lot of information to absorb and comprehend, often feeling like drinking from a fire hose. Fortunately, Chip is a patient instructor and is very willing to answer any and all student questions. We also learned about surface preparation and more importantly, we learned how to fix and hide many common problems including small dents, cracks, and other imperfections.

During the second half of the class we learned about different approaches to the application of finishes and we had the opportunity to start applying finish on our own. Each student was asked to bring at least 2 boards of any species, one finished by abrasion, and one by an edge tool. I only brought two samples, but I wished I had brought more, as I really enjoyed seeing firsthand the results of applying dyes and the different



shellacs to the cherry boards I brought. It was also interesting to see and feel how the surface preparation techniques affected the various finishes.

There were many lessons and key take-aways throughout the day, but here are a couple that stand out for me. "The finish will find the flaw" ... whether put there by the tree or by you... the finish will find it. We learned it is worth effort to prepare the surface well to ensure a great looking finish. Another key learning is to track your work. Keeping detailed descriptions of the finish recipe and process and using many sample boards will ensure consistent finishing, and provide a history of your successful, or not-so successful finishes.

EDITOR'S INSIGHT

CONTINUED

and error, or a class or two from the Guild.

I am an engineer, and in that pride myself in what that career has taught me about analyzing problems, figuring out why something didn't work, and fixing it. It has been invaluable as a growth tool. Other people will learn different ways.

And over the years I started to think of myself, somewhat shamelessly, as a master woodworker. There are many better, far better. And this weekend I met Garrett Hack.

I enjoyed so much our brief time together chatting about woodworking. And I left feeling somewhat inadequate, ready to downgrade my skill declaration to low intermediate. But on reflection over the evening, well, don't be too hard on yourself. Garrett and many others have made a lot more sawdust, taught around the world, dedicated a lifetime to the creative world of woodworking. They are far more skilled because they have more tools in their toolbox. Such imagination I

see. Why can't I do that? Well, as I look around my living room, I see creativity in many things I've built for us. Elegant in the ways that we enjoy.

So where I am going is, you are not just a beginner. We all start somewhere,. We grow if we try to. It's confidence that is the keyword. Grab a plan of something you like, make a few changes, boldly forge ahead. Become your own master woodworker.

HEADS UP

TOM CARSON

I see the new Rough Cut with Fine Woodworking is scheduled to start on OPB on May 12. Perhaps other Guild members would be interested too.

https://www.opb.org/television/programs/rough-cut-with-fine-woodworking/

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BEGINNER SIG

LARRY WADE

April Recap - Marquetry, Parquetry and Creative Veneering

Larry Schmidt of the local Marquetry Society was the guest presenter on these three topics and provided a 20 page handout with a lot of supporting detail and information. There are a lot of skills involved and some woodworkers specialize in this field. If you are interested, you can join the local marquetry club that meets monthly, and connect with specialists in this area.

Larry Schmidt is a unique expert because of the depth and breadth of his experience. He has done a lot of commercial furniture and cabinetry veneering over the years, and his photo portfolio is a wonder to behold. The photos show some of the things he talked about during the meeting. The photo with the mirror shows how to envision the result using creative veneering on a table top.









May Beginner SIG - Show and Tell, On Steroids

The last meeting before the summer break will feature several speakers going in depth on a variety of projects with more detail than normal. You don't have to register, but please do since it helps us set up and plan for making copies, <u>click here</u>. Several projects done by the Product Build Team will be presented, as well as a focus on three legged stools, and the Glo-Forge, a unique 3D laser printer with woodworking applications.

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INTRODUCTION TO PROJECT MILLING CLASS REVIEW

MICK GALE



On March 27 I was one of the students in a class called Introduction to Project Milling. It was taught by Dick Rohrbaugh.

This class is a must for anyone curious about the correct way to mill a board from start to finish. We covered the 4 S's of milling and how to attain a properly milled board using reference surfaces to create a square profile. We also

covered selection and grain patterns to project timetable and how it relates to your milling strategy. This class will save you future money in costly mistakes from having boards move on you. Wood moves. Grain turns. The challenge you're up against in attaining a perfectly square board is why Introduction to milling with Dick Rohrbaugh's class is so essential.

A must for all levels, as it relates to milling from selection to strategy. It will increase your knowledge of wood as a material in tension and how to cope with it.

I hope others have a chance to take this class in the future. It is certainly worth the very moderate cost.

HAND TOOL SIG

KEN HALL

Wednesday, May 23, 2018 at 6:30 pm in the Guild Shop

Please register on the Guild website if you plan to attend so that we can get an idea of how many people will be attending.

Topic: Wooden Planes: Badger, plough, raiser, oh my! Presenter: Amy McAuley

Come learn about all the different types of wooden planes and how to use them. For this twohour special interest group meeting come see the differ-

ence between sprung planes and upright and the advantages and disadvantages of both types. As well as the varieties of wooden planes

used to make doors and sash and a few unusual ones that are not commonly seen.

Bring any wooden planes you would like to know more about.

I am looking forward to a very informative evening.

HARD COPY NEWSLETTER

BOB OSWALD

There will be no hard copy newsletter this month. I do not have the stamina and driving ability for getting it formatted, printed and mailed,

I mentioned last month that the hard copy is terribly obsolete. The newsletter is currently 25 plus pages. The hard copy is the first nine pages. You're missing two-thirds of the content.

In addition, I challenge how many people even open it. The website says that only 50% of the email copies are opened. The hard copy goes to 40 folks. If half (or more) don't read it, we're just wasting Guild money.

Let me know what you think.

SHOP SCHEDULING CONCERN

BILL HAMILTON

The Chicken or the egg! Which came first? I actually know the answer to that question, but that's not what this article is about.

This article is about scheduling open shop time, and which comes first, the Shop User or the Shop Attendant. I've heard members, from time to time, mention that they don't want to sign up for an open shop shift if there is not Shop Attendant already signed up. They are reluctant to sign up, causing a search for a Shop Attendant, and having a Shop Attendant come in just for them. Although we appreciate their concern and thoughtfulness, this is what the Shop Attendants live for. They sit at home waiting with baited breath for me to send out a request for coverage of a shift where a user has signed up so they can be the first SA to

volunteer.

Ok, maybe not with baited breath, but, this is what the SAs do and how the process works. We'd rather have users sign up for a shift and staff that shift, than have the SAs just sign up for any shift and hope some users show up. The great news is that almost always, when there is a user signed up and the shift is covered, many drop in users show up. It's rewarding to see how the shop activity has increased.

o, if you're considering signing up for an open shop shift but there is no Shop Attendant listed yet, go ahead and do it. We will almost always find a SA to cover that shift, and almost always more users will show up as well. Page 15 Volume #35, Issue 4

BUILD THIS CHAIR

JOHN SHERIDAN

This image from 1978 shows Carolyn and me (John Sheridan) in an early pair of the "S" dining chair that we once made. I will be showing the chair at the April meeting and offering ALL the jigs and fixtures to make it to anyone who might want to take it on. Free. It is very comfortable and strong and elegant.

John. 415-647-9190

Photography by the late Joe Sheridan.





BUILDING A BOX-FIRST TIME

BILL HAMILTON

The pics I sent earlier are of Mary Nolan and a work platform she built in the shop for the shop. The back story is that she was a student in the table saw class that I teach. She is technically competent on the machine, but she is quite short, about 5'2", and had a hard time reaching safely over the saw blade. She is the second petite woman to take the



class, and I thought an elevated work platform might be helpful, so contacted her to ask it she thought that would be a benefit. She said yes. I said I'd build one and she asked if she could "shadow" me, and I said yes. So, we set a date and I told her I'd let her actually do the construction and I'd act as a coach.

My plan was for a very simple and basic 2x6 base, but jointed at the corners with a plywood top. Her idea

was to turn it into a practice exercise. She wanted to mill the wood down to 1" thick, finger joint the corners, add the lightening holes and hand grip



recesses and relieve the holes and handhold edges with a router, which we did. It was a really fun project, working with a fairly new woodworker and letting her do most of the work and get experience on a variety of machines. She used the table saw, the chop saw, a dado stack, a finger joint jig, the drill press, a Forstner bit, the band saw, a hand held router, the edge sander and a drill and did about 95% of the work.

This platform will live somewhere near the table saws and be available for anyone in the shop.

So, there you go. I thought this would make a nice little story for the newsletter. Feel free to edit my narrative however you see fit.

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BOARD OF DIRECTORS CHANGE

BOARD OF DIRECTORS

Doug Drake was elected Education Committee Chair at the April special meeting. Thank you Doug for being willing to help the Guild. And thank you to all board members and committee folks, past and present, for all you do to make the Guild this fine organization.

2018 BOARD OF DIRECTORS

Officers:

President – Alexander Anderson Vice President – Eddee Edson Treasurer – Roger Crooks

Committee Chairs:

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

WARNING: Your Email Profile

BOB OSWALD

I write about this often. Here is a new twist. One of our committee members commented that he did not receive a Guild email about upcoming shows. And he is helping with them.

I checked his profile. It was checked for "no". Everything else was "yes". How did that happen? Well, he told me that he filled it out a long time ago

Well, he told me that he filled it out a long time ago and never thought to update it.

I CAN'T DO THIS FOR YOU.

Email is a very important part of the Guild being able to keep you informed.

You profile may be way out of date. You created it when you joined.

PLEASE take a few minutes to look. The instructions are at the end of the newsletter. You might be surprised at what is there.

HELPING OTHERS GROW

ROGER CROOKS

Ed: This is an email conversation with a guild forming in San Diego. It's wonderful to be recognized as having something to offer, and to be able to offer it to other people.

Jeff - Congratulations on the new shop. I happened to talk with one of your members who was not aware of our association and he had nothing but nice things to say about your new facility. Your photo is a great idea - something we might have to look at doing.

I'll see about putting something into our newsletter about the shop.

For those copied here, a team from San Diego visited us last year and talked with many to learn how we do things. The more we talk with others, the more ideas we have to pick what works best.

Best of luck and let's keep in touch, ~ Roger

---- Message from, Sam Diego -----

It's been quite a whirlwind year since we visited all of you in Portland last January. Some of you might know we have leased and built-out our space, opened the SDFWA shop, started operations, and have a very good start on a roster of classes to offer both existing members and entice new woodworkers to join our association. Again, we couldn't have done this without your help - your were extremely generous with your time and shared knowledge. If you haven't seen what we've been up to, you can get some idea from the Shop section our website - http://www.sdfwa.org/sdfwa-member -shop/ - and the classes we have put together - http://www.sdfwa.org/member-shop-training/

Even if you haven't yet heard from Gary, we would both like to renew an invitation made while we were up in Portland. If anyone wants to visit San Diego, we would be happy to show you around town, including our shop facility and - if you come in June - we'll get you into the SD County Fair to see the Design in Wood Exhibition. We think you will be impressed with the shop we've put together. Both the things we shamelessly copied from you, and some new ones we figured out in the last several months.

Again - thanks for all your help, and we would be very happy to see any of you in San Diego. Even if it's not Fair time, just ask.

Jeff Bratt jeffsd@san.rr.com SDFWA Treasurer

Ed: This month our Guild is hosting a newly forming Woodworkers Guild in Olympia. They have been studying how we operate and a team is coming to see first hand how we do what we do. It's wonderful to share.

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FATHER/SON SUMMER PROJECTS

CHRIS & EAMON HAVERTY

My son Eamon (14 yrs. old) did a couple projects. My other son, Luca, asked for some wood carving tools for his birthday, Eamon decided to make him a box to store them. The box is made of oak, with mitered corners, rabbeted box bottom and top and an inset to arrange the tools and keep them in place.



The second project is a small key/receipt shelf with two drawers. It is made of hickory joined with walnut through dowels. The wood was stained, then finished with Danish oil.



Together we made a porch swing made of sustainable harvested juniper from Oregon. This was one of our first projects that I'd call woodworking rather than carpentry.

We were able to employ a lot of the tools and techniques we learned in the Guild HOST classes, like cutting seat and back support templates on the bandsaw, and us using a router with a flush trim bit to apply the



same pattern to all the supports. We used a drill press and chisels to make mortises in the side supports, and the router to cut the through tenons in the cross beams (our first mortise and tenon joints). Through dowels hold the arms and cup holders together, and a round over bit was used on all the seat slats for comfort. We finished with spar urethane. Thanks to all the guild HOST class teachers for all



the techniques we learned and applied to this project!

The second project is a 'river coffee table'. We used a silver maple live edge slab and custom cut glass for the top. The base is walnut with mortise and tenon joints.

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KELLY PARKER RAFFLE WINNERS

CHIP WEBSTER

These are the raffle winners for Kelly Parker's classes. Congratulations to al of you. Enjoy.

Building Confidence for the Beginning Woodworker

Don Cline David Dunning

Design Boot Camp

Eddee Edson

Shaping Clinic

Sam McCarthy Ed Swagon

HERE IS A WIERD TWIST: Sam McCarthy is not a member. He bought a raffle ticket and won and we have no way to contact him. It is important that he not just show up for the class. We need to get him in the loop of what it takes to come to the class, in advance.

DOES ANYONE KNOW SAM?

Contact Chip Webster ASA P at jdwebster3@comcast.net

Or Julie at

jdgredvig@comcast.net

IN THE SHOP - TOY BUILD TEAM

STEVE POLAND

Part of toy team Flying Boat production, to show at Gathering of the Guilds along with spectacular articulated animal pull toys, highly detailed jeeps and toy cars.



ALL IN THE FAMILY

GARY WEEBER



Since its inception, the Guild of Oregon Wood-workers has been primarily an organization comprised of and ser-

vicing adults. That is changing. The role and goals of the Guild are evolving with an increasing emphasis on meeting the needs of member families.

In that regard, the Guild established a committee with the specific task of organizing such a program. Although the initial focus was to be able to get youth in the shop, the committee quickly decided that an emphasis should be on family rather than youth. In addition the Program should focus on Family Participation, Family Access to the Shop, Safe Participation, Education, Engaging Families in Guild Volunteerism, and Promotion of Woodworking.

In an effort to get 'hands on' experience with families, the committee will be completing a pilot effort with families beginning in late May. This pilot will consist of an Information Session about the program with interested families, followed by two classes that will ultimately result in a constructed box for families to take home.

DO YOU KNOW ANY FAMILIES THAT MIGHT WANT TO PARTICIPATE? Look for information to be coming out soon to Guild members that will provide more detail, including how interested families can sign up for the Information Session.

If you have any questions, please feel free to contact Gary Weeber at siweeb@gmail.com or telephone at 503-680-3827. Page 19 Volume #35, Issue 4

NEW GREEN CARD HOLDER

BILL KEAY

"A much needed extra panel added to the Green card cabinet for all of our new shop users"

Over the past few years, the Guild's membership has grown exponentially. With that growth we have seen a corresponding growth in the numbers of new members that want to be able to use the shop and accomplish their Green cards, and we have seen this most evidently in the swollen Green card cabinet. I was reminded every time I was in the shop of the infamous quote by Bill Gates that "64K of memory for a personal computer would never be exceeded", and think that in our early days of establishing the shop, we may have thought that we wouldn't exceed the card capacity of this cabinet in the next decade. Well, pleasantly we have...so I took on the task of building a third panel to accommodate our additional card needs, and with the help of Ariel Enriquez and David Heim, it was installed this week at the shop.

As many of you come to the shop to use the facilities and grab your card, you will find that we are trying to reestablish a rough alphabetical order by last name. The Shop Attendants and other Guild staff will be working on spreading the cards into this new panel using this schema, so please help us when returning your card to the cabinet.

I guess I should start working on the next panel J



WELCOME NEW MEMBERS

Welcome to our newest members in chronological order. 25 new folks who want to know more about woodworking 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.

Tracy Thomas, Mark Morford, Taka Fujii, Brian Schaff, Cathleen Schaff, Christian Kielhorn, Brooke Wade Murphy, Brian Morse, Carolyn Fairfax, Raymond Honerlah, Floyd Roell, Kurt David, Kris Kirkman, Sean Miller, Miranda Summer, Henry Grimmett, Heidi Darrah, Myles Darrah, Ali Alshuker, Brandon Antoni, Stanley Ruff, JP Caldcleugh, Thor Carpenter, George Babin, Samuel Clutter, Justin Stanley, Garrett Walker and James Knope

DUHWALT BOARD STRETCHER

Truly revolutionary!!

https://www.youtube.com/watch?v=bgS6-O2APWY&feature=youtu.be



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Guild of Oregon Woodworkers Member's Project Gallery

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SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



Dick Rohrbaugh

Last summer I built a cherry bed for a grandson graduating from Boise State University. Because he also needed bedside tables, I just finished two like the one pictured here to complete the set.

About the clock... having built a lot of standard furniture in recent years I thought it was time to try something different for a change. I thought of doing a grandfather clock, but the innards for those are now so expensive the clock shrank. The traditional wall clock involved new techniques and rather precise work on many small parts, so it took a while, but it worked out well and now hangs on our living room wall. This one is cherry, but the next one - for our summer home - will be done in walnut.



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SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



Steve Poland

I just finished three of these, others go back several years. Have progressed from early tenons "potted" in epoxy, through tapered tenons, cylindrical tenons just glued then tried flared mortise / wedged tenon. Finally arrived at cylindrical wedged mortise & tenon with tight tolerances using a router table tenon cutter fixture and slope table on trill press. Whole additional progression in how to shape arced seats. Now that I've beaten these issues, I need to give these away and move on!

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SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



Here are two Christmas presents just completed. .

A Tambour style mantel/desk clock made from mahogany and finished with five coats of Waterlox. image1.jpeg

An end-grain cutting board made from hard maple and black walnut from Oregon. The unique woven pattern is made up from 187 pieces glued with Titebond III. The hand rubbed finish is four coats of beeswax and polymerized linseed oil, Tried & True Original. Oil finish.

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SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



Clark Moss

Keepsake boxes I made as Christmas gifts. This one is full of box joints. Even the lid and bottom are 2 cuts off wood box jointed together, and all topped off with a box joint hinge.

I made my first box joint jig this fall and went a little crazy..





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SHOW AND TELL: WHAT OUR MEMBERS BUILD

SOME OF THE MEMBERS



Tom Willing

This is an occasional table I designed and built to go along the back of a sofa. The wood, natural edge black walnut, was rescued from a construction site in West Linn. The top is fastened with threaded inserts mated to racetrack holes. The trestle is held together with tusk tenons. It knocks down to a stack of pieces about 4" high. A wedding present commission, it is now in Michigan.

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NEW MEMBERS AND FAQ ~ PLEASE READ

BOB OSWALD

The Guild enjoys a high growth rate, around 30 new members each month. An article in the newsletter directed to new members is lost on the next eleven months or so of new members.

This column will contain the most common thoughts about how you get more out of your guild membership. It will repeat every month so new (and older) members can find answers. Write to me timbercreek08@gmail.com if you need to know something that is not here. I'll add it.

Contact a Member

A common occasion to contact another member is when a class instruction, safety instructor or shop attendant tells you to. It is easy and is not necessary to bother the web manager.

- ★ Log in o the website.
- ★ Click on Membership > Members Only > Current Member directory.

Email

Filters are used to match what we send via email to your preferences. You set them when you join. There are currently 10 filters used to direct emails. You can change them at any time. See Edit Your Profile.

Addressed to you—you and a large group of other people receive a particular email but it is addressed to YOU. Please don't reply with answers and questions as if you are the only one receiving this email

Mail list selection – Feel free to reply to the sender if you didn't think you should have received a particular mail

If you are on the Odd Jobs mail list, do not reply to the request. Check the contact information at the bottom.

Edit your profile

You can change your email address, password, email filter selections, subscriptions to forums and more. To edit your profile:

- Log in with your current email and password
- Next to the login box, click View Profile
- Three tabs let you work on Preferences,
- Make your changes and click SAVE

Contact other Guild members

Website > Membership > Members Only > Current Directory. You must log in to access this page.

Education Classes

Having trouble finding a class? Education classes are divided into six categories

Basics of fine woodworking, basic skill, next level, special interest and green card. You see them outlined with a brief explanation on the website Education tab.

Each type is 'tagged' to appear in the specific calendars on the Education page of the website. At the top of that page is a calendar containing all classes, in case you can find the right category.

Cancel classes

It's easy to register. It's now easy to cancel as of November, 2017. Go to the class event where you registered. Under Register is a "Already Registered" link. Click and follow directions. PLEASE Read details on the next page. If all else fails, go ahead and click reply to one of the automated reminders and your overworked website manager will help.

Registering for Classes

Please do sign up for classes, one or especially multiple events, as a placeholder for you and what you might want to take. This causes us serious scheduling problems. If you have not paid for a series of classes, you run the risk of the class coordinator cancelling you from any or all of them.

Be Kind

The Guild is run totally by volunteers. We are large enough now to be perceived as some big company. When something doesn't go as you think, and you get frustrated, it is best to remember that we all do these jobs because we like to help people. We don't get pad and we too get frustrated sometimes.

Getting started learning woodworking

 Attend the free Safety & Orientation class at your earliest convenience. It is the doorway to most everything in the Guild. Taking classes, working towards the Green Card, volunteering in the work sessions in the shop. PLEASE fill out and bring the test with you. Page 27 Volume #35, Issue 4

NEW MEMBERS AND FAQ ~ PLEASE READ

BOB OSWALD

To Cancel a Class

A new feature added November 2017 Here is how to do it. PLEASE do it rather than replying to one of the automated emails. Reduce our bookkeeping burden.

- 1. Find the education calendar that contains your class
- 2. Click on your class
- 3. On the next screen you should see a link "Already registered". Click it.
- 4. On the next screen a "Cancel registration" button is present. Click it if you want to cancel. You Can Not undo this operation.
- 5. Result: You will be removed from the class. If you have paid, your account will have a credit balance. PLEASE email Julie Niemeyer for a refund or to transfer payment to a different class.

To see the balance see "Check for a Credit Balance' To use a credit, see 'Using a credit balance



Checking for a Credit Balance

- 1. Log in to the website
- 2. Click Vie w Profile next to the login box
- 3. On "my profile" page there are several items you can view and edit. Click on "Invoices and payments". In the example the yellow flag means some event is not yet paid.
- 4. The next page will show if you are balanced, owe money or have a balance.



Using a Credit Balance

Members – if you have a credit (log in and look. Sometimes it is a bookkeeping error, a result of confusion in communicating, etc). write to Julie before paying for a class and ask to use your credit. It must be manually applied by her. When that is complete, you can log in and pay the balance if there is any. If you pay BEFORE applying the credit, it is a very difficult process to undo it to use the credit. We will usually mal you a refund check instead

How Do I Renew My Dues

BOB OSWALD

Where do I send my check? I get that question so often. Don't people use the website? Do I need to change something? Maybe my expectations are too high.

On our website under Membership, where 30 new people every month seem to be able to join the Guild without trouble every month, is a RENEW option. Please give me feedback on how I can improve that section and cut down on the daily email I process.

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I bought an inexpensive propane fired smoker several years ago. Home Depot has a variety. And a cookbook on the Internet, "Smoke and Spice", has been a treasured guide to a lot of recipes. They work.

Ain't Momma's Meatloaf

I've done this in a smoker, a pretty basic one available at Home Depot, at least a dozen time. Foolproof and wonderful.

You could probably do it on the barbecue on indirect heat. The important part of the smoker approach is the low heat and long time. 220 degrees for 2 1/4 hours. If you used the BBQ, you would have to monitor that. And the wood chip smoke does make the difference.

Ingredients

1 Tbsp vegetable oil
1/2 cup minced onion
1/2 bell pepper, chopped fine
3 garlic cloves, minced
Saute for about 5 minutes. Reserve

1 tsp ground black pepper

1 tsp coarse salt

1/2 tsp ground cumin

1 lb ground beef

1 lb pork sausage

1 1/2 cups bread crumbs

3 Tbsp sour cream

2 Tbsp Worcestershire

1 large egg

1/3 cup stock

1 tsp Tobasco

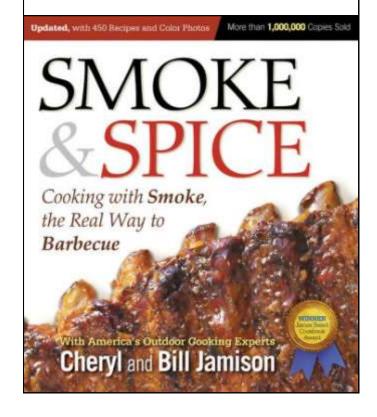
Directions

After the saute preparation, mix all ingredients together. Vinyl gloves work well here.

Put in a meat loaf pan and put in the smoker.

Smoke 45 minutes. Carefully remove from the pan and place on the rack.

Smoke 1 1/2 hours longer.. Besides a fabulous dinner, this makes wonderful sandwiches the next few days. It does not last long at our house.



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 **Rockler Woodworking** 503-672-7266, www.rockler.com

Oregon College of Art and Craft 503-297-5544, www.ocac.edu

Woodcraft 503-684-1428, www.woodcraft.com

Woodcrafters 503-231-0226, 212 NE 6th Avenue, Portland, www.woodcrafters.us

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Guild of Oregon Woodworkers

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