



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

April 2015

Presidents Message



After each meeting we put the tables away, sweep up any sawdust and clean up the meeting area. After the last meeting, I picked up numerous empty cups, candy wrappers, water bottles, etc. which were left under chairs. There is a large trash pail near the workshop. Rockler generously provides the meeting area for free. Surely you can all help keep it clean!

The guild survives and thrives thanks to the continued efforts of its officers. The folks below donate their spare time to help the guild. Without their help there would be no guild. Most of these people have served two or more years. This year we will need new volunteers for many of these positions. If no one steps up chances are there will be no one to run the guild in 2016.

Wilbur Goltermann is our webmaster. We have a professional quality web site thanks to his continued efforts.

Bob Kleinfeldt, the guilds Vice President, is the reason we had a great holiday party in December. Bob also stands in for me when I am unable to attend a member meeting.

Laura Peterson is our treasurer. Thanks to her efforts we have a checking account which I can access to purchase materials for classes and the monthly raffle.

Mark Childs, our secretary, keeps accurate minutes of our board meetings. So I know who has signed up to do what. Without these minutes, many guild items would never get done.

Cal Noguchi takes care of all our Audio/Video needs. We have video of meeting presentations

since 2011, available on our web, thanks to Cal's continued efforts.

Stan Wolpert is our classes' chair. He organizes all the classes which the guild offers.

Charlie Kuechenmeister manages community service activities for the guild. This includes the Kids spree in the summer and the Christmas toys. The guild does good in our community thanks to Charlie's efforts.

Albert Limiero puts together our newsletter every month. Without his efforts the newsletter you are reading would not exist. I often get my articles in at the last minute and Al still gets it out on time.

Clarence "Lindy" Baer handles our Publicity & PR. If you enjoy a guild discount at one of our sponsors, thank Lindy for his efforts.

Kevin Loyd organizes guild presence at shows and exhibits. He puts in a lot of time on this. Our presence at these events is an important way of promoting the guild.

Roger Abraham is our librarian. He is the guy who puts out our library at every meeting, puts it back at the end of every meeting and keeps it current.

Dick Dailey handles refreshments at every guild meeting. Dick helps set up our meeting area, makes coffee, puts out the health food and cleans up the coffee machines after.

Dennis Machlica handles our membership. Without his help at meetings, I would screw up your membership renewals.

That's all for now.

Cary Goltermann - El Presidente

Presentations!!

Below are the currently scheduled presentations. I am trying to get these scheduled as far out as possible. I can always use help! If you have any ideas for presentations please drop me an email at president@coloradowoodworkersguild.org. Or talk to me at a meeting.

NOTE: For the latest info on upcoming presentations got to

<http://coloradowoodworkersguild.org>

March Presentation

The March presentation took place with about 100 members present. We had two mini-demos. First member Horace Brown showed us how he does Mortise and Tenon joints in his log furniture. Horace has been doing this for several years and provided us with a wealth of information.

Next we had Paul Seipel do his presentation on bandsaw setup. At this point we have at least two videos of Paul covering Bandsaw setup available on our website.

[Click here to see Presentation video](#)
[Log in with your username and password .](#)
[Play the video](#)

April Presentation

In April we have a presentation from member Dana Hauschulz on Large scale, Bent lamination arches built for a house. Dana is a mechanical engineer with a background in structures. He designed and built the arches in the picture above and got the work reviewed by a structural engineer. His presentation will include scale models (the full size are a little big and Dana refused to disassemble his house for the presentation).



May Presentation

Ron Diefenbacher of Diefenbacher Tools will show images of various work he has done and talk about the designs, construction details, making a living, and, whatever the members want to talk about. If time allows he will talk about the tool sales business. Ron has a Master of Arts

Degree in Woodworking and Furniture Design from the University of Pennsylvania. He has been a custom furniture maker and teacher of woodworking and furniture design since the early 1980s. He has been the proprietor of Diefenbacher Tools since 1998. Here are some examples of his work



June Presentation

Garrett Brown of Garrett Brown Designs will be presenting at the June meeting. Garrett is a former student of Red Rocks School of Fine Woodworking. After 3 semesters he had so much referral work he went to work professionally full time. He was on a furniture design/build competition series called Framework that was on Spike TV.



July Presentation

Nothing is scheduled for the July meeting as of yet. If you have any ideas to contribute for this, please drop me an email at president@coloradowoodworkersguild.org . I can use all the help I can get.

August Presentation

The August presentation will be from member and former president Travis Brown. Travis will demonstrate the use of attachments for 4 1/2 inch grinders. Exploring the firewood pile - Travis will be demonstrating the safety considerations and uses of various types of attachments available for the 4 1/2 inch grinder to create items of whimsy and possible practicality out of woods not generally considered for common use by many woodworkers. The various attachments will be reviewed and certain ones demonstrated to obtain the desired results, limited only by the user's imagination. There will be a discussion of the finishing options for various pieces depending on their intended use.

Cary Goltermann - President

[\(president@coloradowoodworkersguild.org\)](mailto:president@coloradowoodworkersguild.org)

Membership

Problems with Your Membership??? Send an email to president@coloradowoodworkersguild.org

At our monthly meetings I am often asked to address membership issues. While I am extremely willing to help any of you solve issues with your membership, at a monthly meeting I am buried trying to keep the meeting running. If you have a problem with your membership please send me an email describing the problem and I will help solve it. I generally address membership issues within a few hours of receiving such an email.

Hello members. Here are the membership stats at this writing

218 Paid through December 31, 2015

106 Expired on December 31, 2014

123 Memberships expired on or before December 31, 2013.

I recently sent an email to the 123 members who lapsed on or before 2013. I've gotten responses from about 10 at this writing. Not surprisingly, some had moved out of the area. A few renewed. Many have not responded at all.

I am about to send an email to the 106 members whose membership expired at the end of 2014. This will be the second attempt to contact these members. Sometime in the next few weeks these members will become lapsed, will stop receiving newsletter notifications and their login to coloradowoodworkersguild.org will be turned off.

If your membership card does not look like the one below, your membership probably expired on December 31, 2014. Renewal is simple, there are instructions on our web home page (<http://www.coloradowoodworkersguild.org>).



Cary Goltermann - Assistant to the Membership Chair

Community Service

KIDS'SPREE COMING UP!

The Community Outreach Committee reminds all Members that we will be looking for volunteers to help with the Kids' Spree event sponsored by the City of Aurora this summer.

Guild Members cut and assemble bird house kits, and then man a booth at the event, where we help the kids assemble the bird houses. It's a great experience for the kids, and for the Members as well.

We expect to begin work on the kits in April and May, with one or two work sessions at Jeff Roth's workshop in Parker.

This year's Kids' Spree is scheduled for June 6. We can use volunteers to help with the kits, staff the booth, or both.

If you are interested, please contact Charlie Kuechenmeister or Jeff Roth at

charlesk13@gmail.com or jeffroth@myawai.com

or let one of us know at a Guild meeting.

it's a fun time. All are Welcome!

Charlie Kuechenmeister Community Service

In Class



Your Guild continues to offer many classes that are subsidized so that they are very low cost for Guild members. From time to time, this column will offer you some insights into our classes.

On April 4th, five Guild members met in Jeff Roth's shop in Parker for the Woodworking 101 class. The class was not "hands-on," rather, it was a survey of important topics concerning the principal shop power tools. Brief handouts were provided covering shop safety, measuring, table saw operations, router table use, and band saw set up and use. Other topics included jointer guidelines and a brief introduction to the drill press. The class ran for about 3 hours and offered plenty of opportunity for questions.

Lindy Baer Publicity and PR

March Show and Tell

The March Show and Tell had only three submissions but they were all quite different from one another.

Chris Woychack brought in the table top that he included in an earlier Show and Tell this year, but this time it included the entire substructure that goes between the top and the floor. Chris had previously done the routing/carving and color work for the top with the Air Force Falcons logo. Now the Shaker-style base with a drawer, make this a full table. Chris titled it a drinking table but it will also function well as a nightstand. It was also agreed to in the meeting that no one would mention publicly that Chris embellished the drawer pull with a button from his Air Force overcoat, which makes it even more unique.

Ed Lippert brought in a walnut bowl he turned. Ed was very forthcoming as he admitted to being a “lathe-a-holic”. While confident that he can quit anytime he has chosen to experiment with his bowls. This one has a broken edge which gives it a more sinister look than other bowls. Ed noted the enabler in this situation was Doug Pinney. To date medical science has not found a cure for lathe-a-holism or obsessive compulsive tool collecting disorder.

The winner of the night was **Jim Barry** with his Molly Brown table. Jim’s table was a replica of a table found in the Molly Brown house museum. It is made of Jatoba and knocks do so that it can more readily travel. Prior to the development of lightweight aluminum and nylon camping furniture the affluent world travelers required knock-down furniture. Just like IKEA but made of a fine solid wood, finished nicely, and will last a century or more. Jim’s table will be something his great-grandkids will be able to take on their travels and enjoy. A Google search produced this article from Popular Woodworking on how to build the table

<http://www.popularwoodworking.com/projects/the-unsinkable-molly-browns-parlor-table>

Thank you all for your submissions to the show and tell. Remember that the show and tell is open to all so bring in your projects or cool things to share and show and tell everyone about.

Kevin Loyd Shows & Exhibits



Editors Note: Lost the name of member who showed Hand drills and Bits

Sponsor's Corner

Guild Welcomes New Sponsors

In March, Colorado Woodworkers Guild welcomed three new sponsors.

Cal Noguchi from **EZ Dado**.

Devon Tilly from **Mountain View Window and Door**.

At the March meeting, Cal and Devon, each presented some information about their companies and the products they offer.

The third company, **Signature Medallions**, located in San Diego, is owned by Gary Anderson.

Lindy Baer, our Chairman of the Publicity and Public Relations Committee presented information about Signature Medallions, including passing around samples of Gary's medallion products and explaining how woodworkers can "sign" their pieces using the medallions.

All three new sponsors will offer 10% discounts to Guild members. Links to the websites of these new sponsors are available in our website. We encourage you to check them out.

Frank Paxton Lumber Wood of the Month

The Frank Paxton Lumber Company is offering **Obeche (sometimes called white mahogany)** as their Wood of the Month for April, 2015. The **Obeche** comes 4 quarter (4Q), select and better, surfaced on three sides (S3S), in random widths and lengths. As always, call (303) 399-6047 for pricing.

Sponsor Profile

Daiku Custom Woodcraft and EZ Dado

EZ Dado is a company and product owned by Cal Noguchi, a member of our Guild. Before joining the Guild, Cal worked in software development for AT&T Bell Labs in the Denver metro area. Not long after joining the Guild, Cal decided he needed to help out and ran for office. In the early 2000s, Cal served as Guild secretary, treasurer, and vice president. Even now, he continues to serve as our audiovisual chair.

In 2006, Cal formed his Daiku Custom Woodcrafts. With Daiku, Cal has completed many and varied commissions, especially for cabinetry, shoji (Japanese screens), and display cases.

From 2011 through 2013, in *Fine Woodworking*, he learned of the "speed tenon" techniques of Christian Becksvoort. These concepts led Cal to thoughts about making a jig for doing dados. After three generations of jigs, Cal has a product, EZ Dado that allows a woodworker to cut dados on her /his table saw without changing to a dado blade set. What is especially unique about his jig is how he "registers" the thickness of the piece to fit into the resultant dado. Cal sells the jig plans as well as multiple versions of the completed jig. Like most of our other sponsors, EZ Dado offers a 10% discount to Guild members.

Cal has a patent pending for the EZ Dado product. He reports that the greatest challenges for such an effort are in getting the word out about the product. The Guild is appreciative of Cal's support and wish him continued success.



About Wood

White Oak

White Oak (*Quercus alba*) is our focus for April. White Oak consists of several species growing especially in eastern North America. The White Oak tree is the state tree for Connecticut, Illinois, and Maryland. White Oak represents approximately 15 percent of the total U.S. commercial hardwoods.

Before we get to the details about White Oak, it is time to define yet another technical term used in the lumber industry, that of “**crushing strength**.”

Crushing strength is a measurement of the wood’s maximum crushing strength when the force is applied to the ends of the wood (compression is parallel to the grain). This number is a good indicator of the wood’s strength in applications such as deck posts, chair legs, or other circumstances where the load being applied is parallel rather than perpendicular to the grain.

In practical terms, the number itself isn’t all that meaningful, but it becomes useful to use in comparison with other woods. For instance, Ipe is known to have excellent strength properties among imported species, and has a crushing strength of 13,510 lbf/in² (93.1 MPa). In comparison White Oak is a well-known wood used in cabinetry and furniture, and has a crushing strength of 7,440 lbf/in² (51.3 MPa), and Redwood is commonly used for decking, and has a crushing strength of 5,690 lbf/in² (39.2 MPa).

If you have questions regarding lumber terminology or a specific wood, contact wood@coloradowoodworkersguild.org.

White Oak is the most common of eight to twelve *Quercus alba* species. They are harvested mostly from the Eastern United States. These trees thrive in rich, well-drained soil.

Here is a summary of the characteristics of **White Oak**:

Distribution: Eastern United States

Tree Size: height of 65-85 ft. (20-25 m) tall, 3-4 ft. (1-1.2 m) trunk diameter

Average Dried Weight: 47 lbs/ft³ (755 kg/m³)

Specific Gravity: (Basic, 12% MC); .60, .75

Modulus of Rupture (MOR): 14,830 lbf/in² (102.3 MPa)

Modulus of Elasticity (MOE): 1,762,000 lbf/in² (12.15 GPa)

Crush Strength: 7,370 lbf/in² (50.8 MPa)

Janka Hardness: 1,350 lbf (5,990 N)

Shrinkage: Radial, 5.6%; Tangential, 10.5%; Volumetric, 16.3%; T/R Ratio, 1.9

Heartwood Appearance: light to medium brown, commonly with olive cast

Sapwood Appearance: white to light brown

Grain/Texture: straight; coarse, uneven texture

Stability: medium

Relative Strength: Fairly high, 23-26.9

Decay Resistance: High

Workability: good results with hand and machine tools; glues, stains and finishes well

Odor: tell-tale smell common to most oaks

Toxicity: sensitizer

Potency: weak

Toxicity Source: leaves, bark, and dust

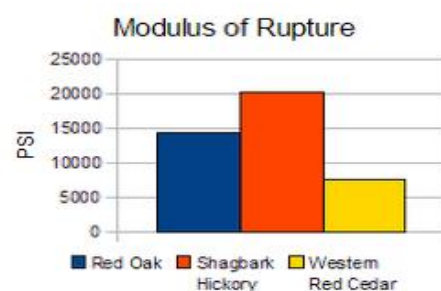
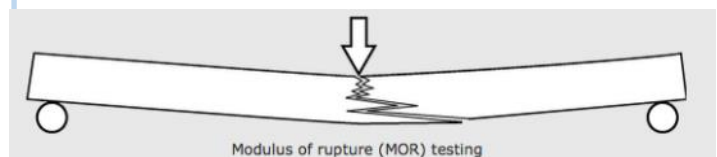
Reaction: eye, skin and respiratory

Sustainability: not listed as threatened

Uses: furniture, cabinets, interior trim, flooring, panel stock, boats, barrels

Typical Cost: \$4-9 / bd ft.

If you have questions about a specific wood, don’t hesitate to send a note to wood@coloradowoodworkersguild.org.



For Sale

John Husner has some collections he wants to sell.

50 Budweiser beer steins

500 miniature liquor bottles that are full.

johnhusner@comcast.net

2015 Guild Officers

Cary Goltermann – President

president@coloradowoodworkersguild.org

Bob Kleinfeldt – Vice President

vice-president@coloradowoodworkersguild.org

Mark Childs – Secretary

secretary@coloradowoodworkersguild.org

Laura Peterson – Treasurer

treasurer@coloradowoodworkersguild.org

Guild Committee Chairs

Vacant – Programs

programs@coloradowoodworkersguild.org

Kevin Loyd – Shows and Exhibits

shows@coloradowoodworkersguild.org

Dennis Machlica - Membership

membership@coloradowoodworkersguild.org

Charles Kuechenmeister & Jeff Roth – Community Service

community-service@coloradowoodworkersguild.org

Roger Abraham – Library

library@coloradowoodworkersguild.org

Lindy Baer – Publicity and Public Relations

publicity-pr@coloradowoodworkersguild.org

Al Limiero – Newsletter Editor

newsletter@coloradowoodworkersguild.org

Wilbur Goltermann – Webmaster

webmaster@coloradowoodworkersguild.org

Vacant - Merchandise:

CWG Sponsors

The Colorado Woodworkers Guild is fortunate to have several companies as Sponsors. The Sponsors help the Guild with programs, materials, supplies, facilities, display space, financial, and other means. In many cases, Guild members are able to obtain discounts from our Sponsors (except for power tools and sale items). Please note: the Guild discounts only apply to in person purchases in the store (except where noted), and are not available at any sponsor's online store. You must show a current membership card to obtain the discount

A Cut Above

16512 Arminta Street
Van Nuys, CA 91406

Phone: 800-444-2999

Website: www.acutabove.com

Austin Hardwoods of Denver, Inc.

975 W. Mississippi
Denver, CO 80223

Phone: 303-733-1292

Website: www.austinhardwoods.com

B & B Rare Woods

871 Brickyard Circle, Unit C4
Golden, CO 80403

Phone: 303-986-2585

Website: www.wood-veneers.com

Charlie's 2nd Hand Store, Inc.

2227 Larimer Street
Denver, CO 80205

Phone: 303-295-1781

Website: www.usedtoolsplus.com

Collector's Specialty Woods

Collector's Specialty Woods

4355 Monaco Street, Unit A
Denver, CO 80216

(this is their Denver showroom and warehouse)

Phone: 720-278-7797

Website: www.cswoods.com

Collector's Specialty Woods

8055 County Road 570
Gardner, CO 81040

(this is their southern Colorado wood yard, kiln drying facility, woodshop, and another showroom)

Phone: 800-746-2413

Denver Woodworking Company

2062 S. Bannock Street
Denver, CO 80223

Phone: 303-733-3130

Website: www.denverwoodworking.com

Frank Paxton Lumber Company

4837 Jackson Street
Denver, CO 80216

Phone: 303-399-6047

Website: www.paxtonwood.com/denver.aspx

Reclaimed Boxcar Flooring

Phone: 303-913-6373

Website: www.reclaimedboxcarflooring.com

Rockler Woodworking and Hardware

2553 S. Colorado Blvd
Denver, CO 80222

Phone: 303-782-0588

Website: www.rockler.com/retail/denver-colorado-hardware-store.cfm

TC Woods

5406 County Road 23
Ft. Lupton, CO 80621

Phone: 3-666-8989

Website: www.tcwoods.com

Tool Zone, Inc.

8651 Grant Street, Unit 1A
Thornton, CO 80229

Phone: 303-252-8500

Website: www.toolzone.com

Woodcraft of Denver

6770 S. Peoria Street
Centennial, CO 80112

Phone: 303-290-0007

Website: <http://www.woodcraft.com/stores/store.aspx?id=305>

Login Information

Full Name

Email Address

Username

Badge Name

Contact Information

Street Address

State

Phone Number

City

Zip Code

Website

Guild Participation Profile

- | | | | | |
|-----------------------|---|---|---|--|
| Woodworking Interests | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Mentor | <input type="checkbox"/> Cabinet making | <input type="checkbox"/> Home remodeling | <input type="checkbox"/> Hand tools | <input type="checkbox"/> Tools, jigs, shop |
| | <input type="checkbox"/> Furniture | <input type="checkbox"/> Small projects | <input type="checkbox"/> Turning | <input type="checkbox"/> Veneering, Inlay |
| | <input type="checkbox"/> Wood Bending | <input type="checkbox"/> Other | | |
| Willingness to Serve | <input type="checkbox"/> No Interest | <input type="checkbox"/> Maybe Later | <input type="checkbox"/> Elected office | <input type="checkbox"/> Community service |
| | <input type="checkbox"/> Membership | <input type="checkbox"/> Public relations | <input type="checkbox"/> Meeting programs | <input type="checkbox"/> Class committee |
| | <input type="checkbox"/> Library | <input type="checkbox"/> Newsletter | <input type="checkbox"/> Shows & exhibits | <input type="checkbox"/> Website |
| | <input type="checkbox"/> Audio/Video | <input type="checkbox"/> Other | | |

Shared Information

Do you wish to share your portrait and woodworking biography:

☐ Yes ☐ No

Woodworking Biography:

Please return this form at any Guild meeting or via mail to:
Colorado Woodworkers Guild P.O. Box 100996, Denver, Colorado 80250
ColoradoWoodworkersGuild.org