



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

Colorado Woodworkers Guild

May 2015

Presidents Message

Happy May. I hope you are all doing well and making copious amounts of sawdust. I have not managed to spend enough time in the shop. I am working on the restoration of an old wood body plane made by Mathieson & Son. The blade is sharp, I've jointed the bottom of the body and filled cracks in the wood with CA glue. I'm about to start cleaning up and refinishing the body itself. Looking forward to testing it.



On April 26th a few guild members attended the Gathering of the Guilds put on by the Colorado Arts & Crafts Society. The event took place at the Boettcher Mansion on Lookout Mountain. We had a table there with some examples of Arts & Crafts woodwork from members Kevin Loyd and Ted Smathers. At the Gathering, I met Randall Marder who did a presentation on Green & Green finishing for us a while ago. He has agreed to come and do the presentation again in July.



Events like this are a great way to promote the guild. We can always use help like this.

Which leads me into my next topic HELP! The guild exists because of the efforts of a few people. We have somewhere between 200-300 members. The majority of the work is done by less than 10% of this number. The current board of directors has served for at least two years. Many board members have served for far more years than that. We need your involvement!

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>

April Presentation

In April we had 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 below and got the work reviewed by a structural engineer. His presentation included scale models (the full size are a little big and Dana refused to disassemble his house for the presentation). If you missed this great presentation you can still view it on line. Go to <http://coloradowoodworkersguild.org>, login. At the top of the page select Members Corner, Guild Videos and Meeting Presentation Videos.



[Click to see more photos](#)

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 SpikeTV.



July Presentation

I am hoping to have Randall Marder return to give us his presentation on finishing. Randall spent 13 years preserving and restoring elements of the Gamble House in Pasadena. As a result has become an expert in Green and Green, Stickley and other finishes. You can see some of Randall's work on his web site at

<http://www.rmdesignconst.com/projects.html>.

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.

Auction

I am beginning to collect items for an auction this year. Not sure if we will have this in September or October. If you have items to donate, please let me know and I'll arrange to get them. I have a potential presenter lined up who would prefer to present at the October meeting. If this happens the auction will likely be moved to September.

Holiday Party

We are beginning to make plans for the Holiday Party in December. Stay tuned for more information on this annual event. If you are interested, we could use volunteers to help in planning.

Cary Goltermann - President

Membership

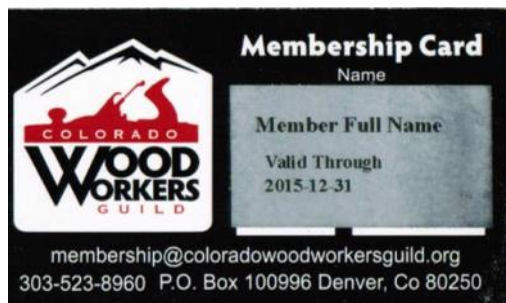
Problems With Your Membership??? Send an email to president@coloradowoodworkersguild.org

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.

Here are the membership stats at this writing
232 Paid through December 31, 2015
94 Expired on December 31, 2014
124 Memberships expired on or before December 31, 2013.

By the time you read this newsletter, the 94 members whose membership expired on December 31, 2014 will have received a second email telling them that their membership has expired. When this newsletter is published, I will have turned off the account for any of these members who have not responded to the email.

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>).



If you believe you are renewed for 2015 and do not have a card like this please let me know and I'll take care of it.

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

A Finishing class taught by Stan Wolpert just completed its three Saturdays. The class has been popular and has received numerous compliments. Seven Guild members completed this recent session and the reports were again very positive. Jim Ruby said that the class was well worth it. The students learned about varnishes, polyurethanes, oil finishes, and shellac. They also learned about how to prepare sample boards used to test the finishes. Jim reported that he appreciated learning more about shellac and, especially about the importance of patience!

The Finishing class will be offered again in the future. Watch for the announcements!



Lindy Baer Publicity and PR

April Show & Tell

April's show and tell had a good selection of techniques displayed ranging from boxes, bowls, and even the heretical CNC machine.

The first was a plaque **Doug Pinney** made out of alder with a CNC machine (ok they are not heretical). This was an idea that apparently Doug had been knocking around for a while and he finally cleared enough time on his schedule to let the CNC execute his idea.

Made from planks of alder the picture is of a barrel head with a glass of wine and grapes perfect for hanging in the wine cellar at the Pinney estate.

Next up was **Bill Knoll's** nut bowl made from Russian olive with decorative inlay. Bill turned the bowl and finding considerable cracking coming radially from the pith he followed cardinal rule #31 "If you can't hide it accentuate it". Bill used turquoise colored "Inlace" from our friends at Woodcraft to fill the heavy cracks. He then finished the turning with General Finishes bowl finish and buffed with steel wool. The two-tone color combination really worked well and makes for a nice piece to go on a side table.

Jim Record brought in his discovery of cottonwoods secret figure. Jim was messing about with some cottonwood and decided to make a bowl. He arrived at a satisfactory shape for the bowl and then reached for the Mahoney's Oil for the finish. The lump of dull light-colored wood with the addition of the oil burst before his eyes to reveal the intense figure that ran through the bowl. As a user of cottonwood I can attest to the blandest looking pieces coming alive with a bit of finish.

The winner of the night was **Jim McNamee** who brought in his first attempt at making a keepsake box. This one is slated as a gift for his granddaughter to celebrate her graduation. The piece was made of hard maple and walnut and lifting the lid revealed a walnut drop-in tray. Jim went to the effort of making the tray fit the box well enough that the tray had a piston action and would gently lower itself into the box. The finish was that of shellac but he reckons there were eight to 12 applications. Jim thanked Stan Wolpert for the knowledge he gained in Stan's finishing class helping to make the project a success.

Thanks to all who brought their projects in and shared their experience with the rest of the group. The show and tell is open to everyone all you need to do is show up with something cool you made or want to show us and tell us about.



Sponsor's Corner

Sponsor Profile:

Mountain View Window and Door

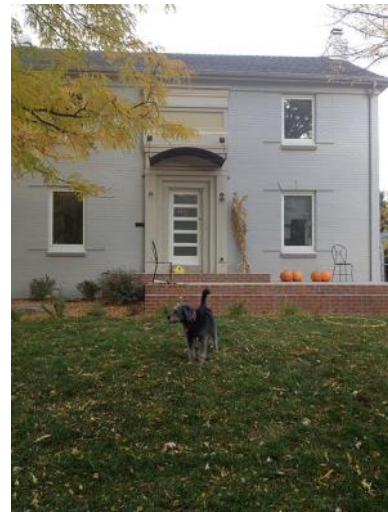
This month we feature one of our newer sponsors, Mountain View Window and Door (www.mtnview.us). The company is owned and directed by Devon Tilly, President. After finishing at Colorado Mesa University in 1999, Devon, with his entrepreneurial spirit, went on to work in the construction industry. After 12 years working for others, he wanted to try his own business, so in 2012 he purchased an existing window and door firm in Centennial and created Mountain View Window and Door. Two years ago, he purchased the present store site and moved the company. Since then he opened a second store in Grand Junction.

Mountain View Window and Door sells doors, windows, millwork, and hardware from a variety of suppliers. They sell to contractors and the general public. With 27 employees, Mountain View has embraced the latest technologies in their showroom and in support of their business. Their showroom is well equipped with meeting space and the latest audiovisual equipment. Devon and his staff participate in a bi-weekly podcast (every other Thursday), *The Art of Construction*, especially for contractors and architects and they use YouTube for education and training of internal staff and customers. They are especially proud of a recent award from Anderson Windows for the "Best Showroom Experience."

Devon finds that his greatest challenges have to do with finding, educating, and training people, both those from Mountain View and its customers. With a young family and a complex business that is growing, Devon is busy, but is energetic and up to the challenges. Devon especially looks forward to more opportunities to participate in Guild activities and work with Guild members. The Colorado Woodworkers Guild is proud to have Mountain View Window and Door as a sponsor and appreciate their support.

Frank Paxton Wood of the Month

The Frank Paxton Lumber Company is offering **red oak** as the Wood of the Month for May. The wood comes four quarter (4Q), surfaced on three sides (S3S) in random widths and lengths. As usual, call 303-399-6047 for pricing.



About Wood

This month we consider the wood **Sassafras**. The genus sassafras consists of three species of deciduous trees (and one that is now extinct) from the family Lauraceae native to eastern North America and eastern Asia. The most common species that we are likely to see is **Sassafras albidum**. Blackheart Sassafras is an unrelated species from Australia. Together, aspen, basswood, cottonwood, elm, gum, hackberry, sassafras, sycamore and willow represent 12.5 percent of commercially available U.S. hardwoods.

Recall that in previous columns, we have defined the Modulus of Rupture (MOR), the Modulus of Elasticity (MOE), Crush Strength, and Janka Hardness. We will continue to use those terms. Most of the other terms are generally well understood and will not be defined further. If you have questions about other terms or questions about a specific wood, contact wood@coloradowoodworkersguild.org.

Sassafras

Sassafras albidum (common name **sassafras**) is the main species available in North America and is harvested from the eastern United States.



Here is a summary of the characteristics of **Sassafras**:

Distribution: Eastern North America from New England to Florida and west to the plains Tree size: 50-65 ft (15-20 m) tall; 2-3 ft (.6-1.0 m) trunk diameter

Average Dried Weight: 31 lbs/ft³ (495 kg/m³)

Specific Gravity: (Basic, 12% MC): .42, .50

Modulus of Rupture (MOR): 9,000 lbf/in² (62.1 MPa)

Modulus of Elasticity (MOE): 1,120,000 lbf/in² (7.72 GPa)

Crush Strength: 6,600 lbf/in² (45.5 MPa)

Janka Hardness: 630 lbf (2,800 N)

Shrinkage: Radial, 4.0%; Tangential, 6.2%; Volumetric, 10.3%; T/R Ratio, 1.6

Heartwood Appearance: medium to light brown, sometimes with an orange or olive hue

Sapwood Appearance: paler yellowish brown; overall a strong resemblance to ash

Grain/Texture: straight grain with coarse uneven texture

Stability: good

Relative strength: fairly low, 14.18.9

Decay Resistance: High

Workability: easy to work with; glues, stains, and finishes well

Odor: distinct, spicy scent while being worked; considered an aromatic

Toxicity: a sensitizer

Potency: weak

Toxicity Source: leaves, sap, bark, wood, dust

Reaction: nausea and respiratory effects

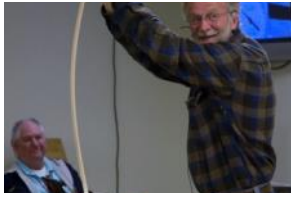
Sustainability: not listed as threatened, however limited availability

Uses: boat building, furniture, millwork, mouldings, windows, doors and cabinets

Typical Cost: \$3-6/bd ft

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

Photos from April Presentation



Bits & Pieces For Sale



Craftsman Sander \$125.00.

Contact Stan Wolpert: bigstan39@gmail.com

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

Sponsor List

A Cut Above 16512 Armintha 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 show-room and warehouse)

Collector's Specialty Woods 8055 County Road 570 Gardner, CO 81040 (this is their southern Colorado wood yard, kiln drying facility, woodshop, and another show-room) Phone: 800-746-2413

Denver Woodworking Company 2062 S. Bannock Street Denver, CO 80223

Phone: 303-733-3130 Website: www.denverwoodworking.com

EZ Dado 5220 E. 130th Circle Thornton, CO 80241

Phone: 303-902-8134 Website: www.ezdado.com

Frank Paxton Lumber Company 4837 Jackson Street Denver, CO 80216

Phone: 303-399-6047 Website: www.paxtonwood.com/denver.aspx

Mountain View Window and Door 815 S. Jason Street Denver, CO 80223

Phone: 303-649-2217 Website: www.mtnview.us

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

Signature Medallions 4218 Ponce De Leon Drive La Mesa, CA 91941

Phone: 619-303-2876 Website: www.signaturemedallions.com

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

- | | | | | |
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| 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