



Encouraging all woodworkers in self-expression, craftsmanship and knowledge

# Colorado Woodworkers Guild

## August 2018



### President's Message

#### Colorado Woodworkers Guild: Resources and Benefits

While preparing for this month's message I checked last month's membership total of 139 active members. To those of you among the 139 who are new, welcome! We're glad to have you as a member. You've joined a community of like-minded people who share an interest in woodworking. You'll find within our ranks a wide range of woodworking experience. The Guild membership includes a variety of benefits.

#### What We Do

We make holiday toys such as cars, foot stools and cribs. Many of these have been made by members at work sessions held at Jeff Roth's shop in Parker and at Doug Pinney's shop in Monument, typically during the month of October. Most of the toys, however, are made by members in their own shops. The toys are distributed at the Holiday season to child resource agencies, such as shelters and other programs for abused and at-risk kids. Any member who would like to learn more about the program or volunteer for the Toys Brigade for this season, should call or email Charlie Kuechenmeister at 303 830 2555 or [charlesk13@gmail.com](mailto:charlesk13@gmail.com). If you would like to make toys in your own shop it is important for you to let Charlie know how many and what kind of toys you are planning to build.

We make cremation urns for our friends at the Vietnam Veterans Chapter 1071 here in Lakewood. You have all been very generous in making urns for us to engrave. We have had several donations of wood for this project, all of which are in the back-storage room. If you need wood, please help yourself at one of our meetings or Laura can meet you at Rockler. The plan is on the website but if you need you can email Laura at [Lbpeterson1@aol.com](mailto:Lbpeterson1@aol.com) and she will email them to you. There have been several ceremonies at Ft. Logan National Cemetery using our urns. The cremains of these veterans have been held in cardboard boxes at mortuaries in the Denver metro area for many decades as far back as WWI.

Channel 9 News Coverage:

<https://www.9news.com/video/entertainment/television/programs/next-with-kyle-clark/cremated-remains-of-veterans-interred-at-fort-logan/73-8193662>

#### Activities and Meetings

Each year, the Guild holds monthly general membership meetings on the third Tuesday at 6:30 pm in the basement of Rockler's, except December when we have an annual Holiday party. We invite speakers from the community to discuss and demonstrate various woodworking skills and techniques.

#### Online Presence

The Guild web site, <http://coloradowoodworkersguild.org/>, has many pages with information about Guild membership and membership benefits.

Our online Library can be found here <https://www.librarycat.org/lib/COWoodworkersGuild#>

In addition to our web site, we have a presence on social media, where you can find us on Face Book at <https://www.facebook.com/search/top/?q=colorado%20woodworkers%20guild>.

#### Classes and Training

Classes are determined on an as-needed and interest basis. If we have enough interest in a class and an instructor to teach it, it can be scheduled. Examples of previous classes include how to make a bandsaw box, sharpening plane irons and chisels, box making, hand cut dovetails and wood finishes.

## Volunteer Opportunities

In a volunteer organization there are always opportunities for success. We currently need a new President, Newsletter Publisher and Editor, Webmaster and a new Community Service Chairperson for next year. If you have an interest in serving your guild, please contact me or any of the board members.

Once again if you are new to our guild, welcome! If you are a current member, please feel free to share this newsletter with anyone who may have an interest in who we are and what we do. Rumor has it that we have blank business cards, so you can pick up a few cards at our next meeting to hand out to someone who may have an interest in our organization.

***Dale Bowlin President***

## Upcoming Meetings, Classes, and Events

**August 21, 2018** - Kevin Loyd, has agreed to do a presentation on Sharpening A Handsaw. I'm sure many of us could benefit from this.

**September 18, 2018** - We have tentatively set up a **Wood Turning Basics** presentation for the August meeting.

**October 16, 2018** - Nothing is planned yet for this meeting. Suggestions? Contact me at [programs@coloradowoodworkersguild.org](mailto:programs@coloradowoodworkersguild.org)

**November 20, 2018** - This is our annual election of new leadership meeting.

**December ??, 2018** - We have no member meeting in December. Instead, we have our annual Holiday Party. This is not yet scheduled but is always a fun gathering! Stay tuned for more info on this event.

## Shows & Exhibits

### Kezurou-Kai Denver 2018

I'm pleased to announce that on August 4<sup>th</sup> at Red Rocks Community College the first Denver Kezurou-kai was held. For those who don't know what Kezurou-kai is, it is a competition amongst woodworkers to create the thinnest, longest hand plane shaving possible. That said, it was a six-hour long woodworking convention with demonstrations about tools and techniques in the realm of Japanese woodworking.

There was also a vendor of Japanese woodworking tools, Suzuki-ya Tools from California, with some very nice pieces, some of which came home with me.

The planeing competition was a lot of fun with a very impressive display of technique and ability. Ironically, the winner of the planeing competition used a Lie-Neilsen No. 3 bench plane instead of a Japanese plane. First prize took home a new Japanese plane with second and third place receiving \$100 and \$50, respectively.

I'm pleased to announce that with the turn out and participation the board of Kezurou-kai USA has approved the official 2019 Kezurou-kai will be held in Denver. This means the 2019 event will be much larger and even more fun.

***Kevin Loyd Shows & Exhibits Chair***

## Show and Tell

For a mid-summer meeting, when members are most often traveling the July meeting had a great turn out for the show and tell with eight entrants.

First off was **Bill Knoll** with some picture frames and stands and the associated jig he used to make them. Bill used a theme of breathing new life into scrap used old cedar fence pickets for the frames and cherry for the stands. The jig was designed to enable these frames to be made with great precision and speed, citing that it took less than a minute per frame.

El Presidente, **Dale Bowlin**, brought in a trivet for a camping trip that was inspired by an old Incra-Jig project, but instead of using an Incra, Dale used his CNC.

**Byron Shark** brought in his dresser-top valet of walnut and cherry. The plans were found in an issue of Woodsmith magazine, and it turned out very nice.

**Scott Roth** brought in a show and tell piece for the purpose of sharing a product known as “fusible webbing” with the group. The tray was a Goodwill find originally from Ikea but was improved with a bit of veneer work. The fusible webbing makes veneer work much easier and less messy than the alternatives.

**Gary Glathar** brought in a bandsaw box that he made in one of fellow guild-member Paul Seipel’s bandsaw box class. The box was for one of Gary’s grand kids and she only let Gary work on it when she was in the shop.

**Doug Pinney** in an effort to support the local food bank’s “Empty Bowls” fundraiser, made a horse themed piece using his CNC.

**Bill Healy** also brought in a box that he made in a bandsaw box class with Paul, with this box being made of catalpa.

The winner of the night was **Jim Barry** with his art deco style table. Jim’s table is his interpretation of a similar table he saw years before. Of note this table included two first-time process attempts. The table was the first time for Jim to do cold bent lamination as well as tapered legs. The challenge was increased given the need to join the bent laminations to the tapered legs. Well done Jim!

Thank you to everyone who brought in their work to share with the rest of the group. Remember that each month the show and tell is one of the staples of the meeting so please continue to bring your pieces and tell the rest of us what you’ve been doing.

*Kevin Loyd Show and Tell*

## Show and Tell Photo Gallery



Bill Knoll & his Twin Brother



Dale Bowlin



Byron Shark



Gary Glathar



Scott Roth



Doug Pinney



Bill Healy



Gary Glathar



Jim Barry

## Presentation



### Threading Jig for Boxes, Jars, and Urns

My IQ is at least average; I like to think it's better than that. My degree is in mechanical engineering so grasping how machines work should be second nature to me. I've maintained and restored 50-60-year-old Italian and German cars forever, and they can be pretty difficult to suss out at times. So why couldn't I grasp how Milo Scott's threading jig worked?

Sitting within six feet of Milo as he demonstrated use of the jig, I should have missed nothing. Had he indulged in mystical incantations, I'd have known. Finally, after weeks of puzzling out what Milo and his jig did, the (incandescent) light bulb went on. Like most successful solutions to seemingly complex problems, this jig is really quite simple and elegant in

its directness and provides repeatable solutions to the problem of how to cut inside and outside threads in wooden containers and their lids without restriction as long as the parts will fit your lathe.

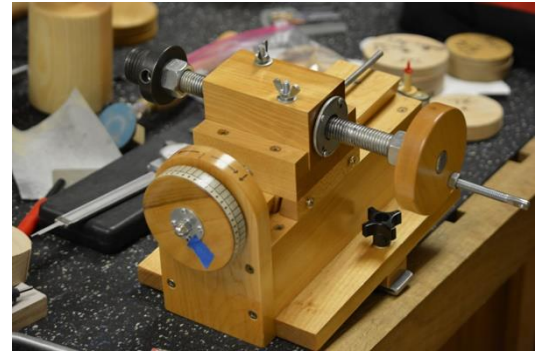
Using hardwood and easily sourced mechanical parts and guided by an article in *American Woodturner* from April 2013, Milo built his jig to fit his mini-lathe, but it can be easily adapted to work on pretty much any lathe. What turned (no pun intended) out to be key to understanding its functioning is that the user moves the chuck and workpiece from the lathe motor to the jig's lead screw, which means that the jig has sole control over positioning of the workpiece. Then the operator rotates the workpiece while feeding it into a cutter spinning in the lathe spindle. The cutter is a special six-bladed, 60-degree rotary thread-cutting bit that can cut internal or external threads with equal alacrity.

As built, Milo's jig can use either of two 3/4-inch diameter lead screws, one with 10 threads per inch, the other with 16. Since the cutter is spinning but fixed in its location, and the operator controls positioning of the workpiece both laterally and longitudinally, the cutter will form a thread with a pitch matching that of the lead screw used. A pair of hand wheels on the jig permit the operator to position the workpiece precisely where it needs to be relative to the lathe ways and cutter, and both handwheels are calibrated to facilitate precision and repeatability.

Milo laced his presentation liberally with good-natured asides, tidbits of humor, manifest comfort with woodturning, and enough enthusiasm for turning and thread-cutting that I may just get involved in it myself. Thanks, Milo!

**Bob Kleinfeldt, Director at Large**

[Click here to view \*\*Aug\*\* Presentation video](#)





## Member Projects

### Hand Tool Corner

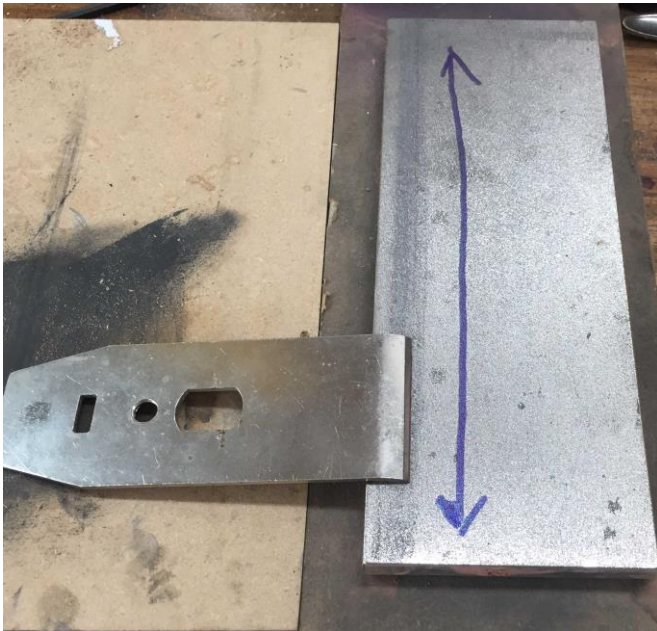
Last month we left off with a partially restored Stanley Handyman #3. This month, I'll continue with sharpening the iron and flattening the sole. Next month, we wrap up the project with a new Tote, Front Knob and fresh paint.

#### Sharpening:

I generally use the "Scary Sharp" sandpaper method to sharpen plane irons. For the bevel, I use the Veritas Mk. II honing guide. I've tried several other honing guides. IMHO this is the best (it's also the most expensive). As noted in last month's article, I was forced to get a new blade. The new blade was well enough made that all I had to do was touch up the back and bevel with a diamond card. I won't go into that here.

What I will continue with here is "sharpening" the chip breaker so that it fits tightly to the blade. Any gaps between the chip breaker and the back of the blade will become packed with shavings. When this happens, the shavings will not clear the mouth of the plane, resulting in a frustrating planing experience.

I work the chip breaker using a coarse diamond plate as shown in the picture below. The arrow drawn on the plate in magic marker, indicates the direction the breaker is moved on the plate. The goal is to create a bevel on the underside of the breaker and to work it to a uniform edge. As with the blade I mark the area I am working with.



The various images show the progress as the bottom of the chip breaker is shaped. Notice that the original edge is ragged. It took a bit of effort to remove this. I've never seen a chip breaker with an edge like this. Perhaps that's the difference between a Stanley Handyman plane and a Stanley plane. In any case its mostly gone. The final picture is an attempt to show the fit between the chip breaker and the plane blade. Note that only the leading edge of the breaker is contacting the blade. This is the goal!

## Flattening the Sole:

I often skip this step. A sharp iron goes a long way toward a very functional plane. My go to plane, a Stanley #4, has a very sharp iron, but I've never even looked at the sole and it works quite well. For the sake of completeness, I'll flatten the sole on this project plane.

Flattening the sole is not unlike flattening the back of a plane iron. We start by applying ink (magic marker) to the sole.

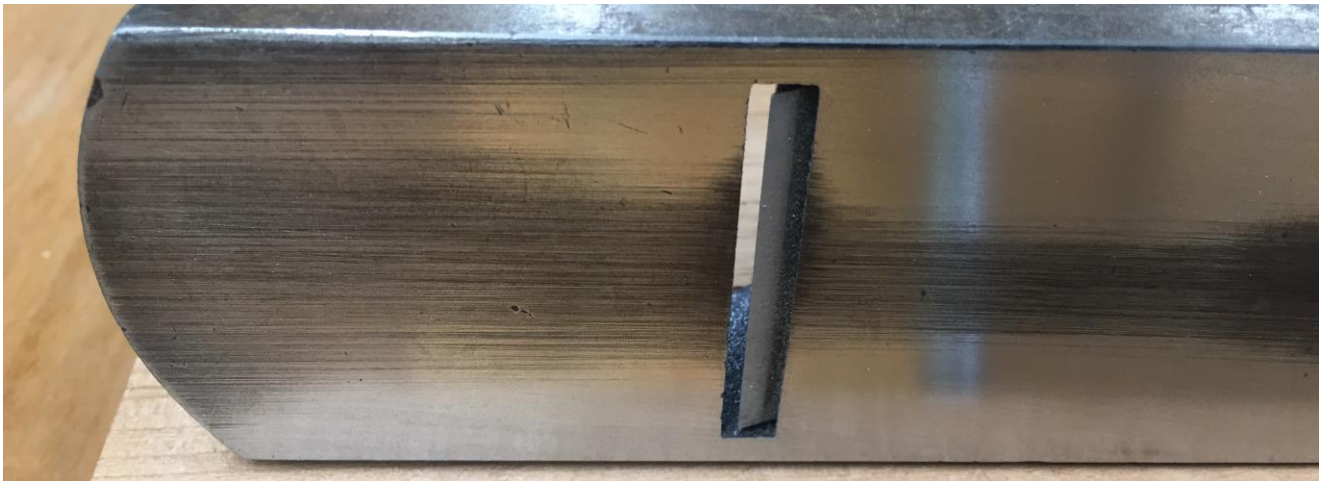


Using sandpaper glued to something flat (plate glass in this case), work the bottom till the black is removed.



This is a long process. Below are a couple of images. As I understand it, the goal is to get the sole flat, at least around the mouth of the plane. The intent is that the mouth fully supports the wood as the plane cuts, to reduce tearout. I'll proceed till most of the bottom is flat and polished. The bulk of this is being done with 100 grit sandpaper (which gets dull rapidly).





In the last image, I took metal polish to the sole. Pretty (but unnecessary)!



Next month I'll repaint the body, make a new tote and front knob and finish this project. At this point the blade is sharp, the chip breaker fits the blade well and the sole is flat. One could stop here and just use the plane. For now, I'll leave you with a picture of the plane and some shavings it is now capable of.

I can't say it's a great plane. With some more effort, it could become a daily user. I will probably not enter it in a Kezuroukai competition, but I'll probably never enter such a competition.

***Cary Goltermann, Member***



## About Wood

In this month, August 2018, we consider **Ginkgo (Ginkgo biloba)**, also known as **maidenhair tree** and **yin-shing** (Chinese). **Ginkgo** is a native of eastern China, is widely used as an ornamental in the United States and is of the family Ginkgoaceae.

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](mailto:wood@coloradowoodworkersguild.org).

### Ginkgo

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

**Distribution:** from eastern China; used as an ornamental in temperate United States

**Tree size:** 66-115 ft (20-35 m) tall; 2-3 ft (0.6-1.0 m) trunk diameter; very old trees can be much larger

**Average Dried Weight:** 30 pcf

**Specific Gravity:** (Basic): 0.40

**Modulus of Rupture (MOR):** Data not available

**Modulus of Elasticity (MOE):** Data not available

**Crush Strength:** Data not available

**Janka Hardness:** Data not available

**Shrinkage:** Data not available

**Appearance:** straw-like color

**Grain/Texture:** straight grain; fine and uniform texture; good natural luster

**Stability:** seasons well if protected from excessive moisture

**Relative strength:** similar to white pine

**Decay Resistance:** relatively resistant to decay

**Workability:** easy to work; nails, screws and glues well

**Odor:** no characteristic odor or taste

**Toxicity:** Data not available

**Potency:** Data not available

**Toxicity Source:** Data not available

**Reaction:** Data not available

**Sustainability:** not threatened;

**Uses:** furniture components, veneer, carvings, musical instruments

**Typical Cost:** not marketed to any great extent; small quantities may be available locally

**Comments:** The Ginkgo has survived for over 200 million years; because it tolerates noxious fumes and pollutants it is commonly used as a street tree; the fruit from the female tree produces an obnoxious odor; first brought to North America in 1784; some parts from the Ginkgo are used in Asian medicine; wood similar to that from conifers.

Sources: Woodworkers Source; The Wood Database; American Hardwoods Information Center; Flynn, James H. and Charles D. Holder, Editors. *A Guide to Useful Woods of the World, Second Edition*. Forest Products Society, Madison, Wisconsin, 2001.

If you have questions about a specific wood, don't hesitate to send a note to [wood@coloradowoodworkersguild.org](mailto:wood@coloradowoodworkersguild.org).

**Lindy Baer**



## Sponsor's Corner

### Profile: Collector's Specialty Woods

This month we are once again featuring a profile of Collector's Specialty Woods or CS Woods. CS Woods is a family owned, Colorado company and a sponsor of the Guild for several years. CS Woods began more than 60 years ago when Stuart Mace started collecting and working with beautiful woods. In those early years, Stuart was producing custom furniture and supplying the Toklat Gallery in Aspen, CO with Gallery gifts.

In 1978 Stuart's son, Kent, opened a workshop in Gardener, CO (west of Walsenburg), continued the collecting of fine woods and began producing high-end furniture. The Mace furniture business served customers with custom designs countrywide. They operated this business relying on word of mouth for their advertising and networking.

In 2002 the family moved into a lumber sales space and in 2012 they established an 18,000 square foot showroom and warehouse in Denver. They still maintain their Gardner facility for their workshop, kiln drying and most of their milling. CS Woods is primarily focused on the woods of North America and especially reclaimed woods and woods from sustainable forestry. They carry many species in stock. For most species they can provide slabs, flitches, lumber in a variety of sizes including custom preparation.

The Maces are especially proud of their kiln drying operation in Gardner. One of their objectives is to provide woods that are suitable for the dry climate in the Rocky Mountains. Their kiln helps to achieve this objective.

CS Woods maintains an informative website to introduce their products, services and people. Denver warehouse hours are Monday-Friday 8:00 AM to 5:00 PM and Saturday 9:00 AM to 1:00 PM

Store:

Website: [www.cswoods.com](http://www.cswoods.com)

Phone: (303) 355-0302

4355 Monaco Street, Unit A, Denver, CO 80216

Yard:

Website: [www.cswoods.com](http://www.cswoods.com)

Phone: (800) 746-2413

8055 County Road 570, Gardner, CO 81040

Guild Liaison for CS Woods is Jim Ruby

[liaison-cswoods@coloradowoodworkersguild.org](mailto:liaison-cswoods@coloradowoodworkersguild.org)

### Frank Paxton Lumber Wood of the Month

The featured Wood of the Month for August from Frank Paxton Lumber is four-quarter (4Q), S3S Walnut, 9 inch and wider, 7 foot in lengths.

As always, call 303-399-6047 for pricing.

## CWG Sponsors

The Colorado Woodworkers Guild is fortunate to have many companies as sponsors. Our 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](http://www.acutabove.com)

**Austin Hardwoods of Denver, Inc.** 975 W. Mississippi, Denver, CO 80223 Phone: 303-733-1292

Website: [www.austinhardwoods.com](http://www.austinhardwoods.com)

**Bear Woods Company** 6099 228 Street, Langley, BC V2Y 2L3 Canada Phone: 800 565-5066 Fax: 888 599-1118 Website: [www.bearwood.com](http://www.bearwood.com)

**B & B Rare Woods** 871 Brickyard Circle, Unit C4, Golden, CO 80403 Phone: 303-986-2585

Website: [www.wood-veneers.com](http://www.wood-veneers.com)

**Charlie's 2nd Hand Store, Inc.** 2227 Larimer Street Denver, CO 80205 Phone: 303-295-1781

Website: [www.usedtoolsplus.com](http://www.usedtoolsplus.com)

**Collector's Specialty Woods** 4355 Monaco Street, Unit A, Denver, CO 80216 (this is their Denver showroom and warehouse) and 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](http://www.denverwoodworking.com)

**Mile High Tree Care, Inc.** 6010 W. 56th Avenue, Arvada, CO 80002 Phone: 303-292-9393

Website: [www.milehightreecare.com](http://www.milehightreecare.com)

**Frank Paxton Lumber Company** 4837 Jackson Street, Denver, CO 80216 Phone: 303-399-6047

Website: [www.paxtonwood.com/denver.aspx](http://www.paxtonwood.com/denver.aspx)

**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](http://www.rockler.com/retail/denver-colorado-hardware-store.cfm)

**Sears Trostel** 1500 Riverside Ave, Ft Collins, CO 80527 Phone: 970-482-1928

Website: [www.sears-trostel.com](http://www.sears-trostel.com)

**Signature Medallions** 4218 Ponce De Leon Drive, La Mesa, CA 91941 Phone: 619-303-2876

Website: [www.signaturemedallions.com](http://www.signaturemedallions.com)

**TC Woods** 5406 County Road 23 Ft. Lupton, CO 80621 Phone: 3-666-8989

Website: [www.tcwoods.com](http://www.tcwoods.com)

**Tool Zone, Inc.** 8651 Grant Street, Unit 1A Thornton, CO 80229 Phone: 303-252-8500

Website: [www.toolzone.com](http://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>

June 2018



## 2018 Board Members



Dale Bowlin - President  
president@coloradowoodworkersguild.org



Tom Mancuso - Vice President  
vicepresident@coloradowoodworkersguild.org



Donald Prorak - Secretary  
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Jack Brock - Publicity and PR Chair  
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Kevin Loyd - Shows and Exhibits Chair  
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Wilbur Goltermann - Webmaster  
webmaster@coloradowoodworkersguild.org

# Membership

## Membership Problems? Send an email to [programs@coloradowoodworkersguild.org](mailto:programs@coloradowoodworkersguild.org)

Many of you prefer to pay by check either at a meeting or through the mail.

To support this a new web page has been added. If you go to <http://ColoradoWoodworkersGuild.org> and look under **About** you will see **Pay for Membership by Check**. Click on this and you'll be taken to a page where you can fill in your info and print the page. If you log in first, most of the info will be filled in for you. When you click Print, the info will be stored online (so I don't have to enter it!). Mail the page to CWG with a check or take it to a meeting with a check.

**Colorado Woodworkers Guild**

**P.O. Box 100996**

**Denver, CO 80250**

**along with a check for \$30**

Here is the membership status as of this writing:

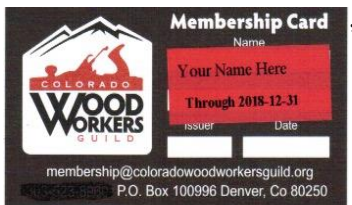
77 Members paid through the end of 2017 (inactive as of April 1<sup>st</sup>)

141 Members paid through the end of 2018

Total 141 **active** memberships. What is an active membership? A membership is valid through the end of the calendar year. If you have not renewed for 2018 your membership is still considered active until April 1<sup>st</sup>, 2018. I have begun to disable memberships who have not renewed for 2018. If your membership becomes disabled and you have renewed for 2018 please let me know.

## **Now is a great time to renew your membership!**

The 2018 member cards look like this (member name/expiration in Black text on a Red background). If your member card does not look like this, it has expired.



If you believe that you have renewed for 2018 and do not have a current membership card, please let me know. Send an email to [programs@coloradowoodworkersguild.org](mailto:programs@coloradowoodworkersguild.org) and I'll address the problem.

How can you renew? For me the best way you can renew is online. When you fill in one of our on-line forms

- I do not have to decipher your handwriting (no offense).
- The data is machine readable, meaning I do not have to enter it manually.

You can renew online, print out the form and mail it with a check or bring the form/check to a meeting.

To renew on-line and mail the form in with a check, go to

<http://coloradowoodworkersguild.org/index.php/pay-by-check-member-application>

If you log in first, your name, address, etc. will be automatically filled in. If you don't know how to log in OR are unable to log in, drop me an email at [programs@coloradowoodworkersguild.org](mailto:programs@coloradowoodworkersguild.org) and I'll help you out!

***Cary Goltermann - Assistant to the Membership Chair***