

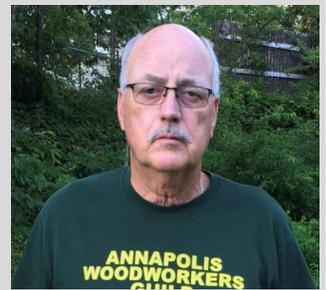
# Colonial Woodcutter

## *Annapolis Woodworkers Guild*

May 2021

“ZoomVirtual” Meeting May 13th at 7:00 pm

### AWG President's Message



Hello woodworkers:

As you know, it is time for the changing of the guard. This is the last month that I will be the President of the Annapolis Woodworkers Guild. I would like to introduce you to Bill Schnick, who will be your incoming president for the 2021/2022 term. Please welcome Bill at our May general membership meeting.

I would like to thank all of the members who have helped me along the way. I could not have done it without all of your input. Needless to say, this past year has been a challenge not only for the Guild, but the world in general with the pandemic shutting everything down. With vaccines now rolling out maybe we can put this unfortunate event behind us by the end of the year and try to get back to some kind of normalcy.

I have contacted the rest of the board members and they have said they will stay on the board for the upcoming year. I will be moving to second Vice President position and Bill will become President. This leaves a need for someone to fill the first Vice Presidents role. Please feel free to contact any board member if you are interested in filling this position. We are also looking for someone to take over the newsletter editor position as Carl would like to step away from doing this by the end of this year. If anyone would like to fill this position please contact myself or Carl. I would like to thank Carl for the great job he has done with the newsletter and I'm sure I speak for everyone Carl, thank you.

In the April newsletter I said that there is a need to get together on a Saturday morning to clean out the Guilds' trailer that we use for the Timonium Wood Show each January. Well, we have decided to schedule this cleanup for Saturday June 5th at Rick Hodgdon's house. If anyone is interested in lending a hand with inventorying, sorting and reorganizing our trailer so we aren't fumbling around during setup at the show, your help will be appreciated greatly. If you can volunteer for this effort please let myself or Rick know so we have an idea who will be coming.

Again, it has been a pleasure this past year being the president of the Guild.

Bruce Mitchell

## Announcements

# May Virtual Meeting

*Thursday, May 13th*

*7:00 pm*

Please join us for our May “virtual” meeting of the Guild. Please also consider contributing to the “show-n-tell” portion by contacting Chris Desautels at: [Christopher.desautels@gmail.com](mailto:Christopher.desautels@gmail.com) or 301-332-8490.

## May Program

### Sky Van Iderstine

**Sky Van Iderstine** is a Maryland native who studied mechanical engineering at Virginia Tech. His career has focused on leveraging digital manufacturing processes such as CNC, laser, and 3D printing for the production of consumer products. He currently works as a product development engineer within Stanley Black & Decker's innovation business unit, Stanley X.

Sky will present an Introduction to the ZMorph Fab, a desktop-sized CNC/Laser/3D printer All-in-One. All-in-one equipment can seldom compete with the reliability and quality of a specialized tool. However, sometimes the convenience and price of an all-in-one package is worth that sacrifice. In this discussion, Sky will share his experience operating one of the latest laser/CNC/3D printer all-in-ones to help you determine if this equipment could take your woodshop to the next level.

*A Zoom link will be sent on the day of the meeting to each Guild member we have on file. Simply click on that link a few minutes prior to the meeting time to activate your Zoom session.*

# Future Events

## June Hand Sawing Class

In June, the Guild will offer a four-session class on hand sawing taught by Shannon Rogers. Shannon Rogers is a well-known woodworker with a strong focus on the use of hand tools. Several years ago he established The Hand Tool School, which provides on-line classes on the use of hand tools. Members may recall that he was a guest speaker at one of the Guild meetings a few years ago. For more about Shannon, see: <https://www.renaissancewoodworker.com>

The class will be an on-line rather than in-person class. All sessions will be recorded and access provided to all members. The class will be free to all members.

Four one-hour sessions are scheduled for the following dates:

Thursday, **June 10**, Tuesday, **June 15**, Thursday, **June 17**, and Tuesday, **June 22**

All classes will start at **7pm**.

### Session 1: Fundamentals of Saws (1 hour)

This will be mostly a lecture format with time for Q&A and will cover all the saw types and what defines each saw type (sash, dovetail, rip, half back, crosscut, carcass, etc). I will talk about when each saw is used as well as what is a good starting point for saws. I'll talk a bit about vintage vs new saws and cover some of the major sources and brands to consider when buying saws. I will cover the basics of saw tooth geometry and how each element of the tooth geometry can be altered to produce a certain type of cut.

### Session 2: Saw Sharpening (1 hour)

With a basic understanding of saw terminology and types of saws I will walk through the sharpening of a saw including both the restoration and the more typical maintenance of a saw to keep it sharp. Like the first session this will attempt to be an interactive Q&A session where I'll be taking questions from a chat room throughout.

### Session 3: Let's Build a Bench Part 1 (1 hour)

I will introduce the project and talk about how we will attempt to build it using nothing but saws. Along the way we will touch on all the different types of saw cuts and the techniques to execute them cleanly and accurately. We will start by making the bench legs and sizing the aprons. This will tackle basics sawing techniques with an emphasis on practice cuts and how to diagnose issues and fix them. Again questions are welcome throughout the session.

### Session 4: Bench Build Part 2 (1.5 hour)

In this session we will join the legs and aprons together, then layout and cut the top to

## Future Events

*(Hand Sawing Class continued)*

size and the joinery to attach it to the base assembly. This will cover more advanced saw joinery techniques and I'll spend some time discussing the wider applications of these techniques with some example joinery. I'll close out discussing how nails can be used to fasten all the parts together or simply glue. Finally I'll discuss how better sawing will streamline all the processes downstream in this build and what I might do to "finish" up the project. The additional half hour at the end will be set aside to take any and all questions that have come up during the sessions or things I did not cover throughout the course.

Tools needed: 1 handsaw rip or crosscut filed, 1 back saw preferably bigger than a dovetail saw but any backsaw will suffice.

Materials needed: big box pine or preferably Radiata pine from Home Depot. 2-3 boards of 1x12x8'. This is more than needed but the extra board will allow for some room to practice. The object here is to only use a saw so lower quality boards can be used, but some planing and flattening will most likely be required and this will not be covered in the course.

# Current Projects

What have you been building in your shop recently? Here is what some of our members have been doing:

**Paul Dodson** has been helping new AWG member **Emma Parker** learn some basic woodworking skills. Her first project is the perfect one for a starting woodworker—a workbench that will stand the test of time.



**Andy Borland** sent along some pictures of one of several chests he has built for family members as well as some intricate crosses—he claims the latter was a task given him to keep him busy—totally believable!





# Square to Octagon Jig

## Square to Octagon Fixture

Please refer to sketch "SQU-OCT" (previous page)

### Scope:

Will convert **true** 6" to 9" squares into octagons [see sketch item # 1] using your sled on a table saw. Alternately, a second configuration [8" Plus per sketch item # 2] will work with squares where the hypotenuse of the square will fit into your cutoff sled with this fixture installed. Squares between 5" and 6" [per sketch item # 1] will work with this jig in your sled with 1/2" cut off the right side.

Designed for use with wood up to 3/4" thick. [with use of supplied clamping bolt to 1-3/8" thick]

### Features:

It is simple to make and use, safe [fingers not near the blade], inexpensive, zero clearance, with repeatability.

### How to Use:

This fixture is intended to be used in conjunction with a standard cut off sled or a Dubby Board [with the loss of zero clearance].

Mount the Fixture to the left side of the sled or Dubby Board with a "C" clamp, but not too tight. Place the square workpiece face down, in the "V" of the fixture with one corner of the square barely projecting past the saw blade [1/8"]. Ensure that the corner of the square is accurately located in the "V" of the fixture. When the square is properly located, clamp the square to the sled with the toggle clamp and tighten the "C" clamp affixing the jig to the sled or Dubby Board.

Now, Turn the saw on and cut off the tip of the square. Turn the saw off. Unclamp the square from the fixture. Flip the square around, clamp the square to the fixture, turn the saw back on, cut off the opposite corner off the square. Turn the Saw off. Unclamp the square from the fixture.

Remove the square from the fixture and measure the distance cutoff to cutoff. The object is to get the distance cutoff to cutoff **identical** to that of the square by repeating the procedure.

Repeat the procedure, taking very-very small cutoffs. Remember that a 1/64" reduced the distance from cutoff to cutoff by 1/32". Always cut off both corners prior to making a measurement.

When the length of cutoff to cutoff is **identical** to the size of the square, setup is now complete. Do not adjust setting for squares of same size.

Cutoff the other two corners of the square and all four corners of same size squares. The initial setup may seem tedious, but it is essential in the correct conversion of squares to octagons.

### Material needed:

MDF or Plywood, 20" Long, see sketch for width and 3/4" thick. Cut as illustrated.

# Square to Octagon Jig

One Harbor Freight vertical toggle clamp

Two 5/16 nuts

One 5/16 x 3-1/2" carriage bolt

One Rubber Tip

Four 5/8" long number 10, sheet metal screws

## **Construction Procedure:**

Cut the 20" long piece (see sketch for width) at 10" (90 degree cut) [yields component "A" and "B/C"].

Cut component "C" (3" long) at 45 degrees [yields components "B" and "C"].

Shorten component B, [cut to dimension F, cut at the end that the 3" triangle was cut off in the prior step] at 45 degrees.

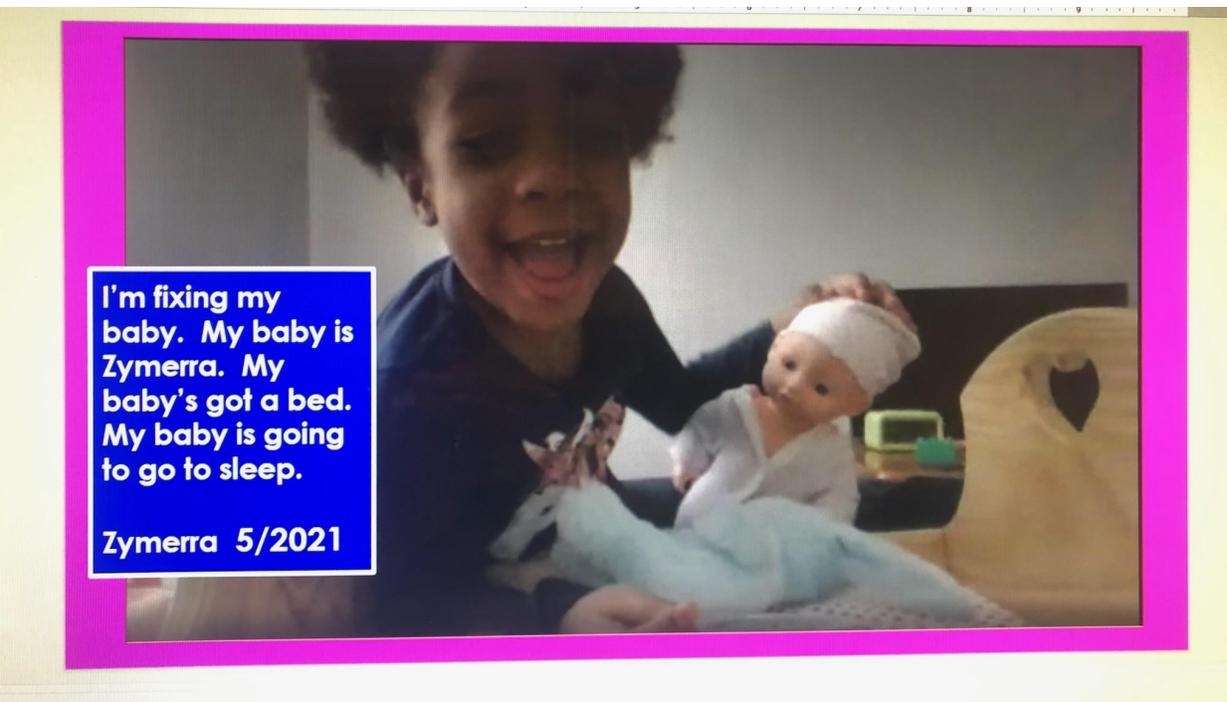
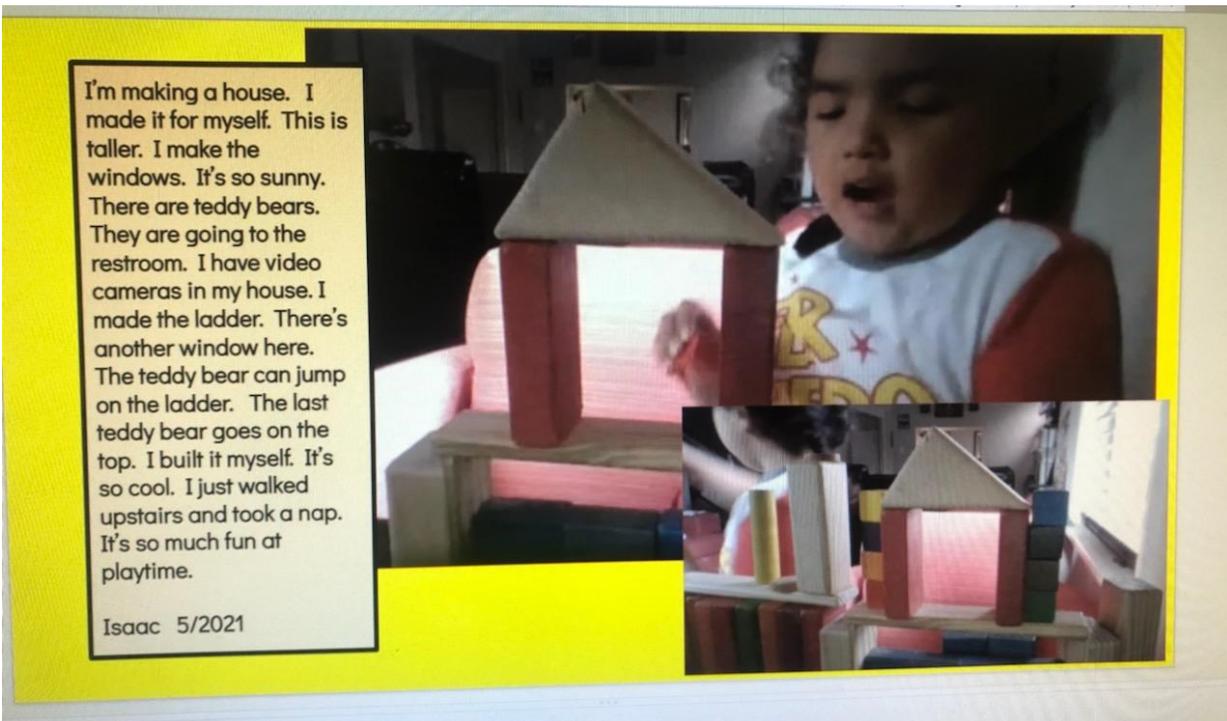
Clamp the 10" long board ("A") to a flat surface ensuring that board "A" is perpendicular to the flat surface. After the 10" long board is clamped, place components "B" and "C" up to the 10" board and check that the "V" formed by "B" and "C" is exactly 90 degrees. [See Plan View of Fixture on attached sketch]

Glue the 7" long and the 3" triangle to the vertical board as shown. Do not use any mechanical connecting devices in the process.

Next, the toggle clamp needs to be modified and then attached to the jig at the indicated position. The toggle bolt assembly is metric. To modify the clamp, start by disassembling the clamping bolt. Save the bolt and metric nuts for use in the future for some other application. Press a 5/16" carriage bolt into the 5/8" interior of a rubber tip (this will form the holding surface of the modified clamp). Now reassemble the clamp using the carriage bolt, two 5/16" nuts and washers [per the original clamp]. Mount the modified toggle clamp to component "B" using four 5/8" long x10 sheet metal screws. Locate to suit.

# Toy Makers

Each year a dedicated group of toy makers meet to generate a great number of toys for deserving children throughout the area. Quite often they receive “thank you” emails from recipients. Anyone who appreciates the cuteness of kitty and puppy Utubes simply cannot resist saying “Awww” to these thank you pictures, which are infinitely cuter. If you are interested in participating in this continuing elfin effort, please contact Andy Borland.



# Product Review

## Rockler “Rock-Steady” Folding Steel Stand— *Carl Wick*

I have been wanting a full-sized router table for some time, but my shop space is quite limited and a full sized table would simply be too much to deal with, even if it was on wheels. Quite recently a solution appeared in a Rockler catalog—their “Rock-Steady” folding stand. Though I ordered one as a part of a router table package, the stand could easily be used for just about any other tool, or as a portable utility table. It is very easy to set up—swing the top into position, swing a support up and insert two locking pins and you are done. Once erect the table is amazingly rigid. There is no apparent difference in sturdiness between this folding stand and a quality stationary table. When you are



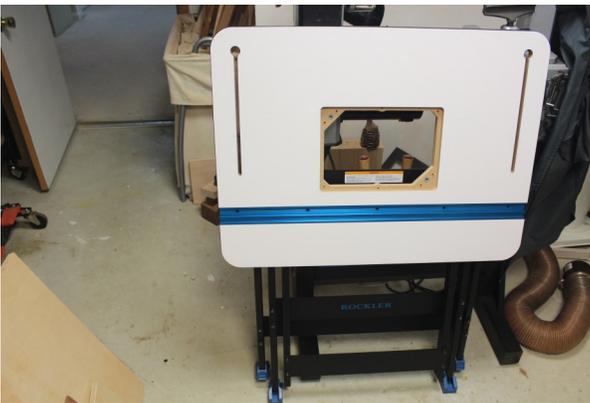
done, fold it up and put it in a corner out of the way.

Opening a hefty box reveals very heavy gauge steel parts that are well packaged to prevent shipping damage..

All moving components (legs and supports) are already put together. A Phillips screwdriver and a wrench are all that are needed to connect some cross bracing. All the hardware is packaged together; there were no missing parts, though there is “just enough” hardware to finish the job.



The supplied directions are quite complete and were written by someone well versed in the English language. During assembly the only difficulties encountered were when trying to get long bolts through wide steel tubing used for legs—you had to “hunt” for the exit hole and in some instances the exit hole had not been completely stamped though. A slight push was required in a few instances to push out a remaining metal slug. Assembly went easy once this wrinkle was discovered.



A second difficulty arose getting the table to completely fold up with a router and router lift attached to the table. It seems the provided table attachment measurements were specific to a particular model of router lift, which, of course, was not the one I bought. Folding the table caused parts of the lift to collide with a brace. A little repositioning of the table attachment points solved the problem. This is a very high quality, heavy gauge steel ( the cross braces appear to be 11/64 thick—8 gauge) folding table

that can serve a multitude of shop uses—not just as a router table stand. If you have a shop space problem similar to mine, this product is certainly worth a second look.

## Bulletin Board

Free for the taking. A well-used Craftsman radial arm saw. The taker should be looking for an alternate use of the motor (sanding disk?) or locate a blade guard, since the blade guard of this saw is apparently missing—and **a saw blade without a guard, especially on a radial arm saw, should never be run as a cutting tool without one.** If you are interested in restoring this machine or using it for parts, please contact Rick Hodgdon.



This month's banner is flowers from native dogwood. Too good this year to pass up! - Ed.

## Mentors and Problem Solution

**Want to learn a new skill?** AWG has many member-mentors to help you. See the list below to contact one.

**Have a vexing woodworking problem?** There may be many other members with the same situation. AWG has a “problem box” where you can anonymously place your problem or question for discussion and possible solutions at the next meeting. You will find the box at a table near the meeting hall entrance door.

### AWG Member Mentors

Last Name	First Name	Phone	E-mail	Mentor Subject
Ames	Don	410-268-0509	dfames@verizon.net	Use and maintenance of Edge Tools (planes, chisels, scrapers)
Applegate	Patrick	410-426-8287	patrick__applegate@comcast.net	Finishing with Shellac (brushed and padded)
Arndt	Michael	410-960-3239	MarylandWoodPro@gmail.com	General wood finishing and finish restoration/repair
Ashby	Bob	410-969-2910	toolsrus58@comcast.net	Shapers, router tables and tooling for same
Borland	Andy	410-647-1242	AHBorland@aol.com	Box making
Chavez	Harry	410-863-5940	harry.chavez@gmail.com	Intarsia
Dodson	Paul	410-760-5382	pdwoodcrafts@verizon.net	Scroll saws and scrolling
Harvey	Dennis	240-463-4641	denharv@aol.com	Pen making
Hirrlinger	Jack	410-798-1339	tjhirr@verizon.net	Toys, tricks and puzzles
Luck	Jim	410-647-6622	jfl639@verizon.net	Inlay and shaker boxes
McDonald	Chris	410-326-1685	cmcdonald@thewavaz.com	Cabinets

# Administration

## AWG OFFICERS (June 2020 —May 2021 Term)

President – Bruce Mitchell

1st Vice President – Bill Schneck

2nd Vice President – Bob Ashby

Secretary – Jim Menefee

Treasurer – Vince Antonioli

Tour Coordinator – Open

Program Chairperson – Chris Desautels and

Phil Christenson

Newsletter Editor – Carl Wick

Historian - Jim Francis

Endowment Coordinator – Bill Carbin

Entertainment Coordinator – Paul Dodson

Show Coordinator– Candee Van Iderstine

Show & Tell Coordinator – Bill Carbin

Special Projects Coordinator – Open

Membership Chairperson – Tom Dettweiler

Librarian—Lloyd Gleason

Charity Coordinator—Andy Borland

Webmaster— Tyler Quevedo

Education Chair—Rick Hodgdon

## MEMBERSHIP and MEETINGS

**Membership is open to all interested Woodworkers.**

**Annual Dues: New Members Joining between Jan and June: \$50; joining between July and Sept \$25; Free between Oct and Jan, but be sure to “re-up” the following year! For current members 2020 dues roll over into 2021!**

**General Membership Meetings:**

**2nd Thursday of each month 7 PM**

**Virtual Video Meetings UFN**

**Executive Board Meetings:**

**4th Thursday of the Month at 7 PM**

**By phone/video UFN**

**contact a board member for invitation**

**All are welcome at board meetings**

## CONTACT INFORMATION

Correspondence:

Annapolis Woodworkers Guild

P.O. Box 6001

Annapolis, MD 21401

Website:

**[Annapoliswoodworkers.org](http://Annapoliswoodworkers.org)**

## The following vendors support AWG



**Wurth Wood Group**, 6660 Santa Barbara Road, Elkridge, MD 21075

410-796-7600 [WWW.Wurthwoodgroup.com](http://WWW.Wurthwoodgroup.com)



**Hartville Tools**, Hartville, OH

800-345-2396 [WWW.Hartvilletool.com](http://WWW.Hartvilletool.com)



**Exotic Lumber Company**, 1610 Whitehall Road, Annapolis, MD 21409

410-349-1705 [WWW.Exoticlumber.com](http://WWW.Exoticlumber.com)



**Somerset Door and Column Company**, 174 Sagamore Street, Somerset, PA 15501

800-242-7916 [WWW.Doorandcolumn.com](http://WWW.Doorandcolumn.com)

## The following vendors support AWG



**Brusso Hardware LLC**, 67-69 Greylock Avenue, Belleville, NJ 07109

212-337-8510 [WWW.Brusso.com](http://WWW.Brusso.com)



**Klingspor** 2555 Tate Boulevard Southeast, Hickory, NC 28603

800-645-5555 [WWW.Klingspor.com](http://WWW.Klingspor.com)



**American Woodcrafters Supply** 212 East Main, Box G, Riceville, IA 50466

800-995-4032 [WWW.Americanwoodcrafterssupply.com](http://WWW.Americanwoodcrafterssupply.com)



**Lake Erie Toolworks** 1234 Irwin Drive, Erie, PA 16505

815-528-4337 [WWW.LakeErieToolworks.com/Pages/Club](http://WWW.LakeErieToolworks.com/Pages/Club)

10% Online Discount Code: **AWG10**