

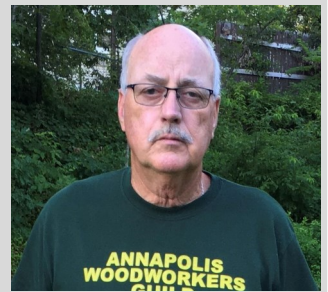
Colonial Woodcutter

Annapolis Woodworkers Guild

January 2021

Virtual “Zoom” Meeting January 14th at 7:00 pm

AWG President’s Message



Hello Woodworkers,

First of all let me wish everyone a happy New Year and let's hope that this year is much better than last year! Maybe with all the new vaccines coming out now we might be able to get a meeting in sometime this summer. That sure would be nice. I'm going to miss the woodworking shows this year. As I write this we should have been setting up our booth at the show today. Also, now is the time to renew your membership fee. If you paid your 2020 dues your 2021 membership fees will be waived. If you did not pay your 2020 dues your membership fees have to be renewed for this year 2021, The membership fee is \$50 for the year. I don't have a whole lot more to write about this month other than to say get outside go for a walk, get some fresh air, dress warm and have a safe day. After your walk come back in and have a nice hot cuppa coffee. Then go downstairs or in your shop and make some sawdust. That's all folks.

— Bruce Mitchell

Announcements

January Virtual Meeting

Thursday, January 14th

7:00 pm

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

January Speaker— Adam Godet



Adam grew up in rural central New York learning basic carpentry and DIY skills from his family and various jobs. He has been building things his whole life. After college, with little money and lots of books, he set to work building his own book-cases...he has been engaged in woodworking ever since. Adam got serious about fine furniture making in 2009 and is now a full-time woodworker building furniture for homes, offices, and restaurants. He also has a home goods line that includes cutting boards, wine displays, coasters, and other small items for sale in stores, pop-ups, and craft shows.

Adam, a Fine Woodworking contributor, spoke at the Guild in 2018 about his approach to finishing. This time he will discuss several projects, including a “faked live edge on a big table”, “wood movement puzzles” and a “large dogleg bench without a miter”.

For more information about Godet Woodworking see the links below.

www.godetfurniture.com

www.facebook.com/godetsfurniture

Instagram: @Godet_woodworking

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.

Annual AWG Woodworking Contest Winners

The winners of the 2020 Annual Woodworking Contest (held Dec 17th) are :

Holiday Decoration Category

First place : Creche by Bill Brooks



Second place : Candle Holder by Phil Christenson



Small Blade Work Category

First place : Clock by Harry Chavez



Second place : Chickadee by Bill Heath

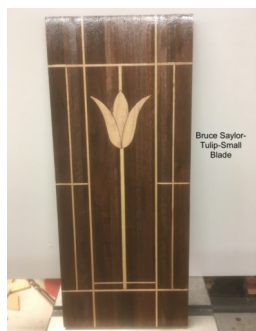


Honorable Mention

David Tustin



Bruce Saylor



Bill Kovalick



Recent Work

Jim Francis sent some photos and a narrative about his most recent project



This is the third of my Pandemic projects. It is an 18th century tilt top tea table. The idea came from a book I have titled “Making a Piecrust Tea Table” (Heller and Clarkson).

The table consists of a post, 3 legs, a top and a birdcage to enable rotation. The wood selection is all mahogany with the top being Cuban mahogany. I ended up buying the top from a friend but did all the rest myself.

The post was turned and carved on my lathe. Legs were bandsawed to rough shape and then carved to a ball and claw.

The birdcage for rotation was an after thought since I only wanted a tilt capability. This was a very challenging project because I am not an accomplished carver (these were my very first claw feet).

Table finish is Tung oil with red and black gel stain to match the Cuban mahogany. Final coating consists of three coats of Arm R Seal.



Church tree projects—Carl Wick

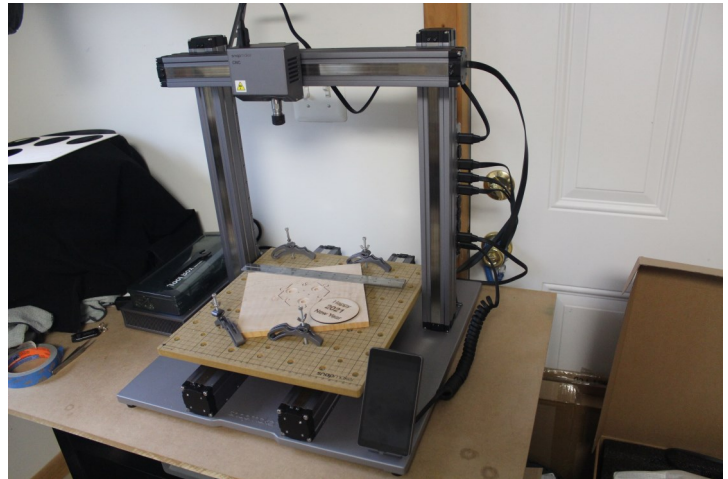
A couple years ago a tree that stood in front of the United Methodist church where hold our meetings was felled. We were given the opportunity to take some of it home after one of our meetings. After letting my small-ish chunk dry in my shed I recently decided to take it to my bandsaw and planer. I was pleasantly surprised. Though there was a lot of checking there was enough left to build a small box and a pen. I used “saw the lid off” construction of the box. The knob and feet were turned from extra bits. Finish is spray lacquer.



Snapmaker 2

A product review—by Carl Wick

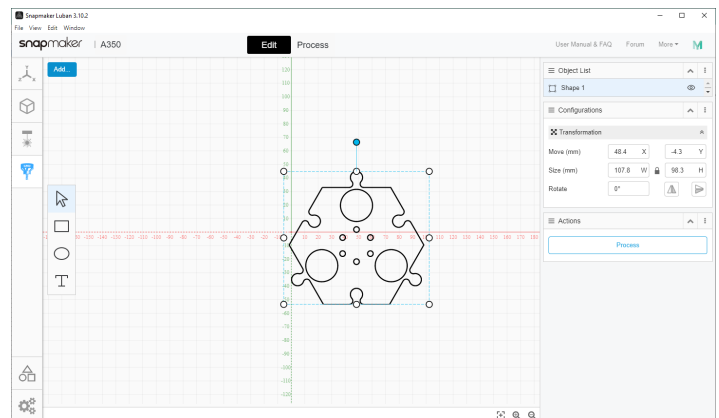
I've owned a Prusa 3d printer for several years and have had good success with making many small plastic items for myself and others. Early last year I became aware of a new desktop manufacturing company called "Snapmaker" that was producing a new line of devices that could not only print in common plastics, but also came with laser cutting and CNC milling attachments. I placed an order for a 350 mm (bed size) model and waited.... and waited.... A couple of weeks ago a sixty pound package finally arrived—having traveled slowly on a slow boat from China.



I was impressed with the quality of materials and construction from the moment I began unpacking the box. The machine comes as a "kit", but this is a little bit of a misnomer. All the parts are simply screwed together with a few metric screws according to superb instructions in a superbly documented booklet. The machine is then configured to the type of operation you want (3d printing, laser cutting/engraving, CNC) by simply changing out the head (a couple of screws) and changing the movable bed (a few more screws). Once set up you can control operation locally at the machine via a touch screen terminal or you can control the machine (and send files to it) by way of your home WiFi network.



Making something with the Snapmaker is mostly a matter of software. The machine comes with a program (Luban) that can control the machine via WiFi and can convert and configure CAD drawings into GCode (the language that describes the individual movements a head needs to make to a layer out of plastic, cut a path with a laser, or CNC route an outline). Luban, however, does not have any real drawing capability, so construction starts with some type of CAD program. I use Autodesk Focus 360 to form models because it is the CAD program I used with my previous printer. Autodesk files can be read by Luban, changed into GCode and sent to the Snapmaker with the push of a couple of



Snapmaker 2 Review

Luban “buttons”.

Once a GCode file is sent to the Snapmaker (transferred from a PC by WiFi, by usb or by thumb drive), the machine needs to be set to a starting point on the machine bed. This is typically done using the built-in touch screen controller to “jog” the head into a starting position. Once this is accomplished, the ‘start’ button is pushed on the controller and you are left to watch the machine go through it’s typically thousands of movements as it produces the product described in GCode. Actually, you will likely only watch a portion of the process as many complex files can require hours to complete. Have a cup of coffee instead.



I have had significant experience in making items from plastic filament with a 3d printer over the last few years, so I understand the software progression of this so-called ‘additive’ type of desktop manufacturing (thin layers of plastic are built up to form the completed object). Laser cutting and CNC are ‘subtractive’ processes (i.e., starting with a block of material and cutting away to achieve a result). I’m only starting to learn the tricks of laser cutting and CNC routing. Nonetheless, I’m quite happy so far with the couple of things I’ve tried. The laser head has only 1.6 watts of laser power, but it can easily cut through 1/16” plywood in just a couple of passes. I’ve been able to route a complex shape with one of the tiny 1.5mm bits that came with the CNC head. (first image shows laser cut and engraved new years day coasters and a practice CNC cut in a maple board).

Mechanically, the machine consists of a cast aluminum base plate upon which horizontal and vertical actuators are screwed. These actuators are substantial and are completely enclosed, virtually eliminating the effects of debris often encountered in desktop manufacturing. An enclosed motor controller screws to one of the actuators; electrical connections are made via cables that are constructed to ensure you don’t plug one in backwards. Power is provided from a separate power supply. One of the very few complaints I have is the amount of noise the fan on the power supply produces. This is minor, though, as it produces much less noise than most machine tools you use in the shop. The kit comes with a complete set of tools and supporting hardware (though you only need one hex screwdriver for construction), including safety gear— colored goggles for laser work and clear goggles for watching CNC operations. Even clamps for securing materials to be cut or routed to the movable bed are provided. Working space on this model is 350mm, which means what you construct must fit in a cube a little more than 13 inches on a side.

A Snapmaker is not an insignificant purchase, but for less than what are typical prices of many CNC routers or a high end 3d printer, you get the added capability of two other tool heads and a product that is built to last. For more information see www.Snapmaker.com

Have you purchased a new tool recently? Consider writing a review for the Newsletter! - Ed

AWG Toy Makers

Our AWG Toy Makers received a recent “Big Thank You” from a toy drive sponsored by the David Orso Team. The toys pictured below were destined to provide some joy to kids who are at the Anne Arundel Medical Center. Our toy makers work year around to make literally thousands of toys for children and programs in need. Bravo Zulu!



This month's plank: Madrone. Great looking and easy woodworking!

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

The following vendors support AWG



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

410-796-7600 WWW.Wurthwoodgroup.com



Hartville Tools, Hartville, OH

800-345-2396 WWW.Hartvilletool.com



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

410-349-1705 WWW.Exoticlumber.com



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

800-242-7916 WWW.Doorandcolumn.com

The following vendors support AWG



Bruso Hardware LLC, 67-69 Greylock Avenue, Belleville, NJ 07109

212-337-8510 WWW.Brusso.com



Klingspor 2555 Tate Boulevard Southeast, Hickory, NC 28603

800-645-5555 WWW.Klingspor.com



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

800-995-4032 WWW.Americanwoodcrafterssupply.com



Lake Erie Toolworks 1234 Irwin Drive, Erie, PA 16505

815-528-4337 WWW.LakeErieToolworks.com/Pages/Club

10% Online Discount Code: **AWG10**