

The Colonial Woodcutter

The Newsletter of the Annapolis Woodworkers Guild

Meeting 7:00 PM July 11th, Davidsonville United Methodist Church



Meeting Speaker
Shlomi Abukassis

July 2024

Contents

July 2024 President's Message	3
July Monthly Meeting	4
July Speaker: Shlomi Abukassis	4
July Raffle Items	5
June Meeting	6
June Speaker: Bob Behnke	7
June Raffle Winner	10
Tip of the Month	11
Spray Turntable	11
AWG Member Mentors	12
AWG Officers	13
AWG's Supporting Vendors	14

Newsletter Submissions

If you have new projects, tools or fixtures that may interest to others, or if you have found a wood related news story, please share them with the Guild. Send a description, with pictures if possible, for inclusion in the Colonial Woodcutter to the editor, Duncan Adams at duncanladams@gmail.com. Items submitted by the first Thursday of the month will be published.

Many thanks to those who contributed to this month's issue.

July 2024 President's Message

Dear fellow members,

When I asked for counsel on putting together my first President's Message for the Guild's newsletter, I was told things like, "Be yourself," "From the Heart," "Say whatever you want" So, here goes!

My first thought took me back to the 1992 Presidential campaign and Ross Perot's VP candidate James Stockdale during the VP debate. After remaining silent for several minutes, he opened with, rather loudly, "Who am I!" OK, so I'm Jim Cowan. I grew up in Severna Park and played football for Andy Borland. After high school and some college, I was working in a restaurant where I met my future wife Genna. I joined her for the last 8 months of her tour in Bavaria, Germany. Some concrete construction and warehouse work led me to electronic tech school and my first "for real" job at a medical device company called Nucletron, working on Radiation Therapy equipment. In 2012 the company was bought out and declining a move to Atlanta I took a job in Owings Mills maintaining robotic manufacturing systems. I retired from IZI medical in 2018. My wife Genna and I have one son, JD, who is married to a beautiful pediatrician named Aash. JD is a software code writer working for Wabtec Railway Electronics. In March JD and Aash gave us our first Grandchild, a magnificent little girl named Eliana, Ellie for short. Genna will be spending many moons in St. Louis watching our Precious Princess until Aash's fellowship at Washington University is complete in July next year.



I've heard that retirement is no picnic, and that was my experience for the first year. After getting a rental property ready for sale, and some projects around the house squared away, I found myself aimless and depressed. Thank God for Genna reminding me that I had once said if I was a billionaire, I would volunteer at the hospital, pushing patients from the ER to Radiology for their imaging, because I had always appreciated the efforts and care when it was me on the bed. "So, go volunteer Jim" and excepting the Covid pandemic, I've been helping out a couple of times per week in the Wound Center at Howard County General since March of 2019. I've found that this, coupled with helping out in the wood shop at Mt. Washington Pediatric Hospital, and our fantastic AWG toy shop at Andy Borland's house Monday mornings have given me the purpose that I found that I need in my life. I guess I had this revelation one afternoon sitting on my porch with my Brother in Law, saying, "this sucks, I'm going to have to work for the rest of my life" I guess I should rephrase that to I *Get* to work for the rest of my life, with the satisfaction I receive from the terrific folks I volunteer with. So, for any of our members still employed and approaching retirement, if you're anything like me with a drive to feel needed, have a plan ready before taking the gold watch!

As Carl Wick is "retiring" as President of the AWG, I want to first, THANK him for providing a great example for me to follow, and I suppose I could quietly curse him for providing such a tough act to follow! Carl, you don't have to worry about feeling needed in the next year man. You can bet I'll be calling.

Best Regards,
Jim

July Monthly Meeting

Thursday, July 11th, 2023, 7:00PM

Davidsonville United Methodist Church

819 W Central Ave, Davidsonville, MD 21035

Please join us for our monthly meeting of the Guild. Please consider contributing to the “show-n-tell.” If you have an item you wish to show bring it to any meeting, leave it on the front table. There you will find a sign up clip board. Please write your name and description of the item. When your turn comes describe your project including wood species, finish, special techniques you used and any unusual problem you had to solve.

If you want to show off a project that is too large to bring to the meeting you have the option of showing your work via video or pictures. If you want to present a video or pictures at the meeting contact Chris Desautels before the meeting date at: Christopher.desautels@gmail.com or 301-332-8490.

July Speaker: Shlomi Abukassis

Shlomi began his journey as an apprentice under Dennis Burns, with only experience on a bandsaw – in a butcher shop. It has been a long time since, and have had the pleasure of working on many pieces and forming close friendships along the way. Each piece he looks at as an opportunity to perfect the craftsmanship. He plans to discuss design, manufacture and finish.



July Raffle Items

Those who attend the July meeting will have a chance to win one of these fine items.



Pair of Double Squares

Rockler Hat

\$50 Woodcraft Gift Card

Black Walnut for Sale

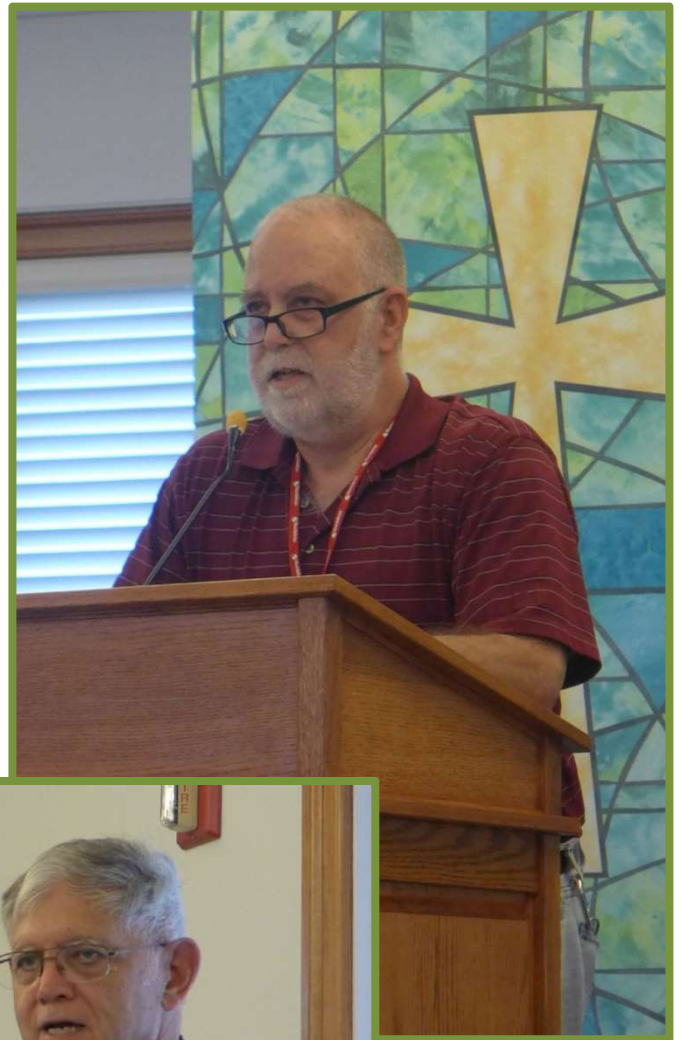
Bill Heath has a friend who has some 40 year old air dried black walnut for sale. Bill has some and it is very nice. His connect email address is OAFPOP1@comcast.net.

June Meeting

New president Jim Cowan opened his first meeting by presenting a plaque of appreciation to outgoing president Carl Wick.

Jim again addressed the need for volunteers, especially for Program Committee, and passes around a sign-up sheet. Several members agree to step up to the job.

Bruce Saylor, who will be conducting the planned inlay class proposed that due to his personal schedule the classes should be started in September instead of mid-summer. There was a consensus in agreement.



June Speaker: Bob Behnke

The June speaker was Bob Behnke who is Franklin International's Technical Service Manager for the Construction Division handling all technical aspects of the Titebond Branded product line of wood glues, construction adhesives, wood flooring adhesives and sealants. At Franklin Bob manages a group tasked with handling all calls to the company's 800 number along with technicians tasked with testing of competitive products and new substrates. If you want to talk to him, call the 800 number on your Titebond bottle and ask for Bob.

The discussion focused on the steps needed to use wood glues with ease, what to watch out for when the glue hits the wood and why failures occur. He also covered some frequently asked questions and answered members' gluing questions.



Bob brought samples – Titebond III, new Titebond Speed Set and Titebond glue brushes. The brush's bristle size and spacing are designed to apply the optimum quantity of glue to the surface.



These are some of the main points that Bob presented.

- “Chain of Cohesion” determines quality of bond
 - Substrate-Interface-Glue-Interface-Substrate
 - Weakest line determines bond strength
- Wood Moisture Content
 - Water based glue will not work on wood with greater than 17% moisture
 - Franklin International does all their testing at 8%
 - Their specifications are on this basis
- Surface Texture
 - Smooth surface is good, burnished is best
 - Do not “rough up” the joint surface
- Surface Contaminants
 - Wood glues bond to cellulose – anything that masks cellulose will decrease bond strength
 - Pitch, oil, other surface contaminants should be removed with acetone and a clean white cloth
 - Metal salt contaminants can color glue line;
 - iron to black, copper to green
- Clamping Pressure
 - Use enough pressure to make sure that the boards meet tightly
 - More pressure than that reduces joint strength
- Working Time
 - Glue sets at the “putty point” (i.e., when it feels like putty)
 - “Putty point” is reached when solid to liquid ratio is 2:1
 - Joint must be assembled before “putty point”
 - Most glues have 1:1 solid to liquid; long open time glues have more liquid
- Single vs Double Sided Gluing
 - Applying glue to only one side will work well, but only if the glue surface doesn’t start to dry before assembly
- Shelf Life
 - Non-reactive glues (ex. Titebond I) have 10 year shelf life
 - Reactive glues (ex. Titebond II & III) have 4 to 5 year shelf life
 - Reactive glue life can be extended by refrigeration
 - Freeze/thaw cycles will break down reactive glues
 - Do not store it in an unheated shop
- Rework/Removal
 - Assembly errors requiring disassembly can be helped by heating glue joint to 250 to 300°
 - Use hair dryer – heat gun will burn the wood
- Clean up
 - Titebond III can be removed with an equal part mixture of acetone, vinegar and water
- Strength is Relative
 - Most joints in general woodworking do not need anything close to maximum bond strength



- Dimensional Changes (Movement) and Glue
 - Joining boards with different moisture contents will be uneven when moisture equalizes over time
 - Planing a glue up after glue's water has swelled the boards and before swelling goes down can leave troughs at the glue lines
 - Large reduction in moisture can leave a ridge at the glue line – looks like extruded glue



The Sequence Creating Stepped Joints in Edged Glued Panels

- 1) Moisture content of wood pieces are not equal
- 2) Glue is applied and pieces are joined.
- 3) Moisture in wood pieces equalizes over time to 6%.
 - a) Pieces at 6% stay the same dimension.
 - b) Pieces at 10% shrink as moisture goes to 6%.
- 4) Glued panel has one board that is now thinner than other panels

Time = Weeks

The Sequence Creating Sunken Joints in Edged Glued Panels

Time = 0

Time = 1 day

Time = Minutes

Planned too soon

Time = Week

Glue line does not shrink

- 1) Glue is applied and pieces are joined.
- 2) Moisture in glue causes localized swelling.
- 3) Panels are planed smooth before swelling goes down
- 4) Swelling goes down, after planing, leaving a depression

The Sequence Creating Ridges of Glue on Panels

Time = 0 Wood Moisture Content 10%

Time = Week or longer Wood Moisture Content 6%

Glue line does not shrink

- 1) Glue is applied and pieces are joined.
- 2) Panels are planed smooth.
- 3) As the wood moisture decreases, it leaves a ridge of glue.

June Raffle Winner

Harry Chavez conducted the June raffle – the annual “Big Raffle” – getting Don Ames to draw the winning ticket. The prize, a DeWalt cordless hand planer (Model DCP580B) plus battery and charger, was won by Bob Ashby.



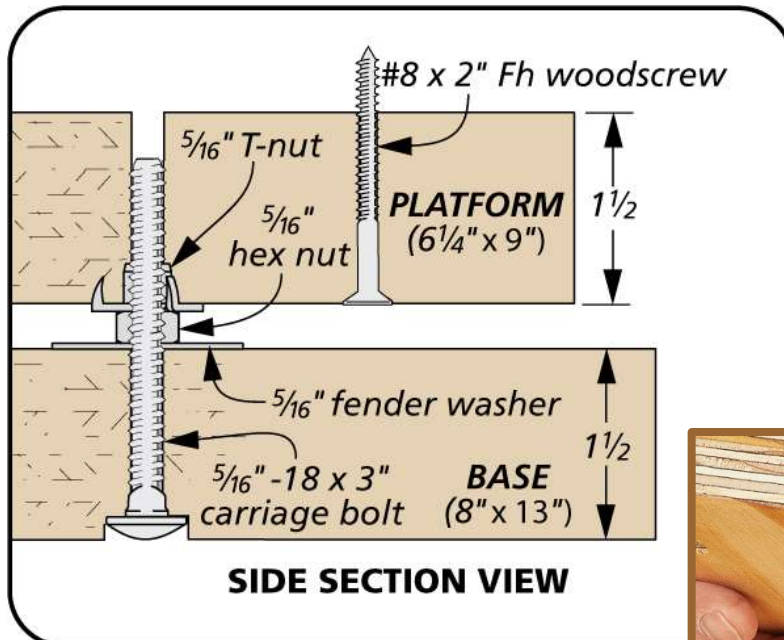
Tip of the Month

Spray Turntable

This simple turntable allows you to easily apply finish to all sides of your projects

Recently, after building a bunch of gifts from a Woodsmith plan, I was looking for a way to quickly and efficiently finish them. That's when I came up with the idea for the simple finishing turntable you see above.

Round and round. The turntable is made up of a base and a platform, both made from two layers of plywood. A carriage bolt passes through a counterbored hole in the base and is held in place with a hex nut and a washer. The smaller platform rotates on a T-nut installed in the bottom face. I drove long screws through the platform to act as painter's points to raise the workpiece. The platform can then be threaded onto the bolt.



CounterClockwise and back. To use the turntable, I place my workpiece on the screws and apply my finish. Rotate the platform counterclockwise on the bolt to finish all sides. For the second coat, I spin the platform clockwise to re-thread the bolt so the platform doesn't back off the threads.

The platform threads onto the bolt installed in the base. Changing rotation each coat prevents it from backing off.



This month's tip is reproduced with the permission of Woodsmith Magazine.

AWG Member Mentors

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 (when we are back in session at the church). Until then send your problems to the editor, President, or other AWG officer.

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)
Arndt	Michael	410-960-3239	MarylandWoodPro@gmail.com	General wood finishing & finish restoration/repair
Ashby	Bob	410-969-2910	toolsrus58@comcast.net	Shapers, router tables and tooling for same
Carbin	Bill	410-647-0393	carbinwilliamj@yahoo.com	Box making
Chavez	Harry	410-863-5940	harry.chavez@gmail.com	Intarsia
Dodson	Paul	410-984-8488	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

AWG Officers

(June 2024 —May 2025 Term)

President – James Cowan
1st Vice President – Ann Sentinella
2nd Vice President – Carl Wick
Secretary – Jim Menefee
Co-Treasurers – Vince Antonioli and
Rodger Young
Tour Coordinator – Open
Program Committee – Brian Parker, Sue
Springett, Art Mensch and Carl Wick
Newsletter Editor – Duncan Adams
Historian - Open

Endowment Coordinator – Bill Carbin
Entertainment Coordinator – Paul Dodson
Out Reach – Candy 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: Current members renew dues in January at \$50.

New members added during the course of the calendar year will be assessed dues that are a pro-rata portion of the remainder of the full calendar year during the month joined.

General Membership Meetings:

2nd Thursday of each month 7 PM

Davidsonville United Methodist Church

819 W Central Ave, Davidsonville, MD 21035

Executive Board Meetings:

4th Thursday of the Month at 7 PM

By phone/video until further notice

All are welcome at board meetings

Contact a board member for invitation

CONTACT INFORMATION

Correspondence:

Annapolis Woodworkers Guild

P.O. Box 6001

Annapolis, MD 21401

Website:

Annapoliswoodworkers.org

AWG's Supporting Vendors



Exotic Lumber Company

1610 Whitehall Road, Annapolis, MD 21409
410-349-1705 WWW.Exoticlumber.com



Rockler Woodworking & Hardware

12975 Fair Lakes Shopping Center Ste 2975
Fairfax, VA 22033
571-435-8030
<https://www.rockler.com/retail/stores/va/fairfax-store>



Somerset Door and Column Company

174 Sagamore Street, Somerset, PA 15501
800-242-7916 WWW.Doorandcolumn.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



Bruso Hardware LLC
67-69 Greylock Avenue
Belleville, NJ 07109
212-337-8510 WWW.Brusso.com



Lake Erie Toolworks
1234 Irwin Drive, Erie, PA 16505
815-528-4337
WWW.LakeErieToolworks.com/Pages/Club
10% Online Discount Code: **AWG10**



Würth 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

MARYLAND SELECT HARDWOODS
7470 Mason Springs Road, La Plata, Maryland
301-743-2225 Dennis.Woodruffi@gmail.com

Timberline Farms Sawmill
Arnold Sewell, owner/operator
13000 Old Frederick Rd, Sykesville, MD
Phone (410) 707-0158