



# TWA Newsletter

Next Meeting: Tuesday, October 15, 7:00 pm

Location: Klingspor's Woodworking Shop  
MacGregor Village Shopping Center  
107 Edinburgh S Dr. Suite 151, Cary NC

Speakers: Club Members

Topic: Woodworking Jigs and Fixtures

Several TWA members will describe woodworking jigs/fixtures that work well for them. There's bound to be several nuggets of information that you can use in your shop.

George Mills – Pocket hole/biscuit joinery and applications

Hal Brown – William Ng auxiliary table saw fence

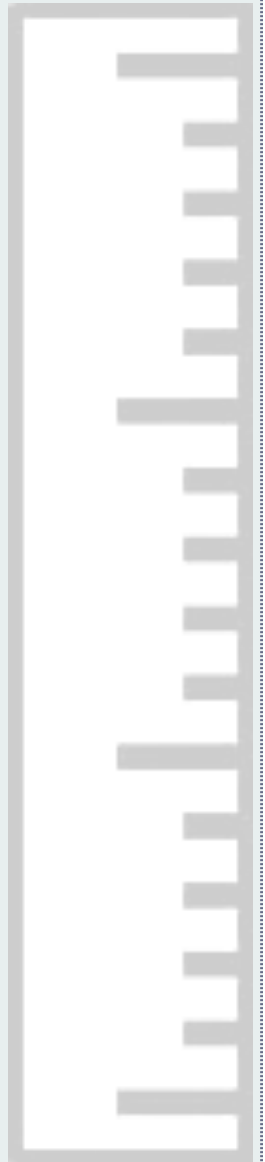
Bob Gabor – Bandsaw and sander jigs

Jim McNeill - Thin strip jigs, edge trimmer for edge banding, tapering jig plus, and perfect dado kerfmaker.

*Host: Mike Payst*

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# TWA GENERAL MEMBERSHIP MEETING—SEPTEMBER 17, 2019

*(meeting minutes: Jim Sapp)*

Roy Brookhart opened the general meeting. Roy asked for guests and new members attending the meeting to introduce themselves. Mr. Linsley Jones of Sanford introduced himself as a guest. He learned about us through the recent Klingspor Anniversary celebration at the table staffed by TWA members. Brantley West, Ron Lepionka, and Frank Gumpety introduced themselves as new members.

Leon Harkins introduced a new initiative to increase outside recognition of the club. His carving group is setting a table at the coming Harvest Festival at Yates Mill Pond. He would like to set up a TWA table as well and asked for help to obtain some possible examples of club activities and some brochures. He suggested materials from the recent cutting board project as a good item to have available at the festival. Leon also suggested getting representation at the forthcoming Peak Week festival in Apex. Roy Brookhart reinforced Leon's initiative because it is important step in achieving a key board objective to grow membership levels.

Fred Ford indicated that the current plan is to have a potluck dinner for

the Toys for Tots presentation on Tuesday December 3rd. He requested a preliminary attendance estimate by circulating a sign-up list. Fred said the Toys for Tots activities are going strong and he hopes to break last year's record of 3400+ toys for the Marine Corps. On another subject, Fred announced a new initiative to contact current club sponsors to improve our interaction with them and to get them more involved. He asked for volunteers from the audience to help.

The winning raffle ticket was purchased by Dick Wiersma.

Although there were no Show and Tell items from club members, Jim Heavey displayed a very unique sycamore board with a memorable history as a Show and Tell object he called "Moon Wood". Jim explained that almost 50 years ago, a container of sycamore tree seeds was included on the Apollo 14 moon mission. The seeds were planted at Cape Canaveral and subsequent trees emerged. Recently however, Hurricane Irma destroyed these trees, but a few pieces of the trees were salvaged, one of which was the Show and Tell board. The latest issue of Wood Magazine (issue 264, November 2019, [woodmagazine.com/moonwood](http://woodmagazine.com/moonwood)) includes more of the story behind this unique piece of wood.



*Fred discussing our Toys for Tots efforts (photo: Mark Firley)*



*Jim showing his "Moon Wood" (photo: Mark Firley)*



*Leon discussing new member recruitment (photo: Mark Firley)*

## NEWSLETTER CONTRIBUTIONS

Please send newsletter content for future newsletters to Fred Ford ([fredford22@gmail.com](mailto:fredford22@gmail.com)) or Karin Pihel ([karin.pihel@gmail.com](mailto:karin.pihel@gmail.com)).

Contributions for each newsletter are due by the last day of the previous month.

# TWA GENERAL MEMBERSHIP MEETING—SEPTEMBER 17, 2019

## FINISHES—JIM HEAVEY

*(meeting minutes: Jim Sapp)*

Mark Firley introduced Jim Heavey, who was here to speak to the club about wood coatings. Jim gave a brief recap of his career that included starting out as a fire fighter. Jim worked for Skil, later bought by Bosch Tools and eventually ended up at Wood Magazine in 1996. He has written numerous articles for the magazine and performed demonstrations at the Woodworking Shows. He recently moved to Wake Forest, NC.

Jim started by describing the three classes of finishes: Penetrating, Film, and Reactive. The objectives of wood finishes are to control moisture content of the substrate, to enhance the beauty of the wood and to provide protection from abuse and wear. An important consideration is the ability to repair the finish if it becomes damaged. Manufacturers' directions for these finishes assume ambient conditions of 70°F and 50 to 60% relative humidity at application time; actual conditions will likely be different due to location, elevation, and seasonal factors, making drying and recoating times highly variable. In addition, the age of the finish and whether the container has been previously opened will affect the application and performance.

Penetrating finishes such as boiled linseed oil, Tung oil and Watco Danish Oil work by penetrating deep into the substrate. Drying agents are added to speed up the curing process. They work well on darker, figured woods such as walnut, cherry, mahogany and tropical woods, by bringing out rich grain patterns. On light-colored woods such as maple, birch, and holly, these finishes can impart a less than pleasing yellow appearance. Of all the types of

finishes, penetrating kinds provide the least amount of protection from water vapor absorption or abuse. Adding a paste wax topping improves the protection qualities but will need renewal at regular intervals.

Film finishes, including shellac, lacquers and catalyzed lacquers, provide a protective coating. Additional coatings dissolve into previous layers, building a homogeneous film surface. They are easily repaired by applying another coat that will dissolve into the already applied film. They offer improved protection over penetrating finishes, especially in the control of water vapor adsorption into the substrate. Shellac can be purchased in waxed and dewaxed forms as flakes or in premixed cans available from Zinsser. It can be applied by brush, spraying or rag (French Polishing). Lacquers are resins dissolved in fast evaporating solvents. They are clear, imparting little or no color to the substrate. In humid conditions, lacquers can exhibit blush. Lacquers are typically sprayed but can also be brushed. Unlike shellac, which provides only a glossy sheen, lacquers come in various sheens from satin to gloss due to addition of flattening agents. Application of lacquers requires heightened attention to safety due to the highly volatile solvents that can create explosive air mixtures and have impact on health. Jim identified lacquers as his favorite finish.

Reactive finishes consist of the polyurethane, acrylic and alkyd varnishes. Polyurethane is highly protective due to its hardness and imperviousness, but it can only be repaired by complete removal and recoating. Application of multiple



coats requires sanding between coats to provide the roughness needed for the next coat to adhere as new coats of varnishes do not “melt” into prior coats. Reactive finishes come in both oil (mineral spirits typically) and water-based versions, both offering about the same level of protection. The oil-based version imparts a slight yellow cast while the water versions are nearly water white. Reaction finishes are typically applied by brush or rag. Natural bristle brushes work well especially with the oil-based versions. The wipe-on versions are simply diluted with mineral spirits to allow effective use of a rag technique.



*Jim discussing different finishes  
(photos: Mark Firley)*

## NOVEMBER MEETING

**Meeting Topic:** Moravian Workbench

**Date:** Tuesday, November 19

**Speaker:** Will Myers

This presentation will cover the Moravian workbench patterned from an original in the Old Salem NC collection. Topics will include: origin of the bench, what materials were used in the originals construction, why it is unique among vintage workbenches, what makes the bench portable, tusk tenons and workholding.

Will Myers was born and raised in Elkin, NC and currently resides in Hamptoville, NC. with his wife and two daughters. Will started out woodworking as a child and became interested in hand tool woodworking after discovering Roy Underhill's show, The Woodwright's Shop, in the early 1980's. Will has published articles in Fine Woodworking and Popular Woodworking magazines as well as how-to videos with Popular Woodworking and Wood and Shop. He also teaches at several woodworking schools around the country.

*Host: Mark Firley*

## DECEMBER MEETING

**Meeting Topic:** Toys for Tots Social

**Date:** Tuesday, December 3, 7-9 pm (New Date)

**Location:** St. Michael's Catholic Church

The December meeting will be a potluck dinner meeting. It will be held at St. Michael's Catholic Church Conference Center in Cary, 830 High House Rd. The Conference Center is, as you face St Michel's Church, about 300 yards to your left.

*Host: Fred Ford*

## A MESSAGE FROM THE WEBMASTER

Many of you are taking advantage of the online membership renewal. You will get a reminder email when your membership is about to expire and you can click through and renew online. Toys for Tots is starting up for the season and we have just added an option for you to make a contribution to our Toys for Tots supply fund at the same time as you renew your membership. You will be presented with a pull down menu to select renewal-only or renewal with varying degrees of donation. Of course, you can always make a donation to the fund at any time by choosing Membership / Online Payments from the left hand menu bar on any page.

*Paul Holzworth, TWA Webmaster*

## MEMBERSHIP COMMITTEE

There were no new members this month. The club is currently at approximately 85 active members. Please continue to request your woodworking friends to join us!

*Ken Serdar, Membership Committee*

## TREASURER'S REPORT (AUGUST)

Beginning Balance:	\$11,121.00
Income:	\$1,532.00
Expense:	\$2,909.20
Ending Balance:	\$9,743.80
Does not include Petty Cash of \$86.00	

*Submitted by Jack Kite, Treasurer*

# TOYS FOR TOTS PROGRAM STATUS UPDATE

First allow me to tell you about the the December Potluck dinner meeting. It will be held on TUESDAY DECEMBER 3rd (NEW DATE) from 7pm to 9pm at St. Michael's Catholic Church Conference Center in Cary, 830 High House Rd. The Conference Center is, as you face St Michael's Church, about 300 yards to your left.

It looks like we are going to hit an all-time high in the number of toys we are contributing to the Toys for Tots program. We are not only improving in the number of toys but also in the quality of the toys that we are producing. The last few years has shown a steady increase in quality of the toys.

As you know, we have 15 workshops this year producing toys for the program. They are all at various stages of completion; some are almost completed while a few have

not yet started.

I am looking into the possibility of having our workshop Hosts drop off their toys directly to the Marine warehouse. This will alleviate the madhouse we have had at the end of our dinners in the past. The workshop hosts need only bring the toys they need to put on display in their 2' x 2' area. It will be very easy to load these up and take them to the Marines the next day.

*Fred Ford, Chairman of the TWA Toys for Tots Committee*



*Top photo: Les Hall, Terry Tenhouse, and George Mills resting after a long day of moving the lumber from the Hardwood Store in Gibsonville to a storage unit  
Bottom photo: Fred Ford, resting as usual*

## MENTORS

<b>Mentor</b>	<b>Service/Skill Offered</b>	<b>Phone Number</b>	<b>Email Address</b>
Bernie Bogdon	Relief Carving	(919) 850-0739	sabile_27615@yahoo.com
Hugh Fish	Chairs, Joinery, Machinery & Power Tools, Mantles, Routers, Tables and TV Cabinets, Turning	(919) 467-5696	hughpatfish@yahoo.com
John Margeson	Baby Furniture, Beds, Bookcase, Chairs, Chest, Decks, Tables	(919) 876-3476	jmalice@bellsouth.net
Mike Resar	Baby furniture, Beds, Bookcase, Cabinets, Chest, Drafting, Dressers, Tables, TV Cabinets	(919) 876-1664	atwaterla@ncleg.net
Allen Campbell	Simple inlay, Staining/dyeing, Pen turning, Cabriole legs	(919) 772-4551	aacjr@nc.rr.com
Cecil Raynor	Joinery, Finishing, Tables, Chairs	(919) 815-9155	cecil_raynor@yahoo.com
Amy Dowden	Google SketchUp	(919) 932-6252	amydowden1@gmail.com
James Sapp		(919) 586-7280	james.b.sapp@gmail.com
Ken Serdar	CNC woodworking		ken.serdar@gmail.com

# BOARD AND COMMITTEE MEMBERS

## POSITION

President  
Vice President  
Secretary  
Treasurer  
At Large Board Member  
At Large Board Member  
At-Large Board Member

## BOARD MEMBER

Roy Brookhart  
Mark Firley  
James Sapp  
Jack Kite  
Leon Harkins  
Mike Payst  
Dick Raup

## COMMITTEE

Program Committee  
  
Toys-for-Tots Committee  
  
Nominating Committee  
Newsletter Publications Committee  
Library Committee  
Publicity Committee  
Sponsor Committee  
Internet  
Mentor Committee  
Membership Committee  
Audio/Visual Committee  
Photographer  
Hospitality  
Facilities/Refreshments Committee  
Raffle Committee  
TWA Duties and Responsibilities Editor

## CHAIRPERSON / MEMBERS

Mark Firley - Roger Sanwald & Judy Sanwald, Fred Ford, Terry Tenhouse, Allen Campbell, Jeff Leimberger, Terry Brown, Hal Brown, Mike Payst, Bob Nauman, Bob Andrews, Jerry Rhoades  
  
Fred Ford/Cecil Raynor — Pete Hodges, Bob Gabor, Terry Tenhouse, Roger and Judy Sanwald, Jim Rhodes, Mark Firley, Les Hall, Bill Schott, Joe Sabo, Alex Knittel, Bill Burton, Antoine Basquiat, Bob Guenther; Bob Andrews, Ken Serdar  
  
Fred Ford  
Karin Pihel — Fred Ford  
Jerry Rhoades  
Roy Brookhart  
OPEN  
Paul Holzworth  
Allen Campbell  
Ken Serdar - Cheryl Serdar, Judy Sanwald, Paul Holzworth, Sue Bunch  
Tom Revelle - Leon Abbas, James Chamberlain  
Mark Firley  
OPEN  
Jerry Rhoades  
Mike Payst  
Fred Ford

# TWA SPONSORS

## **Ashcroft Saws and Tools**

919-876-3223  
3125 Gresham Lake Rd. Unit 116  
Raleigh, NC 27615  
[www.ashcroftsaw.com](http://www.ashcroftsaw.com)  
*25% off list on blades and 10% off on sharpening*

## **Capitol City Lumber Co.**

919-832-6492  
4216 Beryl Rd.  
Raleigh, NC  
1-800-244-6492  
[www.capitolcitylumber.com](http://www.capitolcitylumber.com)  
*Special prices to TWA members*

## **Edwards Mountain Woodworks**

919-932-6050, evenings  
Fine handtool woodworking: creating and teaching in wood. For further information on the workshops, schedule, and tools needed and any other requirements email Bill Anderson at:  
[bill@edwardsmountainwoodworks.com](mailto:bill@edwardsmountainwoodworks.com)  
[www.edwardsmountainwoodworks.com](http://www.edwardsmountainwoodworks.com)  
*Tuition discount for club members.*

## **The Hardwood Store**

1-888-445-7335  
Gibsonville, NC  
1-888-445-7335  
[www.hardwoodstore.com](http://www.hardwoodstore.com)  
*Discount: 10 cents per board foot*

## **Guy C. Lee Building Materials**

900 N. Salem St.  
Apex, NC

## **Keglers Woodworks LLC**

919-608-7220  
330 Dupont Circle  
Raleigh NC 27603  
[mkeglers@earthlink.net](mailto:mkeglers@earthlink.net)

## **Stock Building Company**

919-828-7471  
3000 Yonkers Rd.  
Raleigh, NC  
[www.stocksupply.com](http://www.stocksupply.com)

## **Klingspor's Woodworking Shop**

919-876-0707  
MacGregor Village Shopping Center  
107 Edinburgh S Dr. Suite 151, Cary NC  
(Exit 98B off of US 1)  
[www.woodworkingshop.com](http://www.woodworkingshop.com)  
*10% discount excluding lumber and power tools*

## **Raleigh Saw**

919-832-2248  
5805 C Departure Dr.  
Raleigh, NC 27616  
[www.raleighsaw.com](http://www.raleighsaw.com)  
*10% discounts on all new products*

## **Tarheel Wood Treating Co.**

919-467-9176  
10309 Chapel Hill Rd. (Highway 54)  
Morrisville, NC 27560  
[www.tarheelwoodtreating.com](http://www.tarheelwoodtreating.com)  
*Contractor's prices on all wood products*  
TWA card before order is written

## **Woodcraft**

919-781-1911 Fax: 919-781-1980  
4317 Pleasant Valley Rd.  
Raleigh, NC 27612  
[raleighwoodcraft@bellsouth.net](mailto:raleighwoodcraft@bellsouth.net)  
<http://www.woodcraft.com>  
*\$25 gift certificate at each TWA meeting for the raffle*

## **Woodworker's Supply of NC**

336-578-3001  
Mail order: 1-800-645-9292  
3663 Alamance Rd.  
Burlington, NC 27215  
[www.woodworker.com](http://www.woodworker.com)

## **Wurth Wood Group**

919-231-6620  
4213 Poole Rd. (Exit 15 off I-440)  
Raleigh, NC 27610  
[www.wurthwoodgroup.com](http://www.wurthwoodgroup.com)