



### Meeting Info:

Meeting location:  
8361A Dayton Pike  
Soddy Daisy, TN  
(Horsin' Around)  
At 1:00 p.m. Sat.  
November 19, 2022

### IN THIS ISSUE

Nov. Demonstrator	1
Oct. meeting	2
President's Corner	3
Officers	
Sponsors	
Mentors	
Treasurer's report	4
The Web	
Club challenges 2022	
Safety	5
Useful Ideas TTT	
Upcoming Events	6
Thank you note	
Pens for Troops Contest	
Show & Tell Pictures	7
Demonstrator's Notes	14

## Nov Demonstrator Jeff Brockett

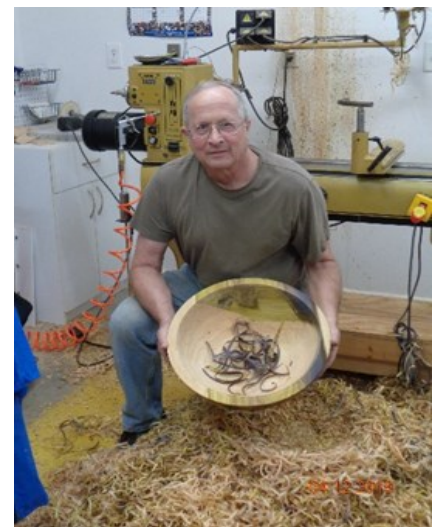


Tri-State Woodturners  
An official AAW chapter

**Jeff Brockett** is a retired retail executive who has been making sawdust for over 40 years. His love of working with wood was heavily influenced by his father.

Jeff began his woodturning adventure in Nashville, TN where he saw a woodturning demonstration at a local craft show. This became the start of what has become a wild and crazy ride. He immediately began connecting with other woodturners, attended symposiums and joined three AAW woodturning chapters. Jeff has served as an officer for the Tennessee Association of Woodturners and was on the AAW Board of Directors for 6 years. He demonstrates for area woodturning clubs and assists as an instructor for the TAW Saturday Turn Ins.

He is passionate about the craft of woodturning and willingly shares techniques on turning wood, finishing wood, safe woodworking practices, proper tool and equipment use. Jeff has strived to increase awareness and the appreciation of design for wood turned objects that have function or artistic objectives. His goal is to produce quality craft and educate the public about woodturning and his is ever evolving as he continues to stretch his woodturning



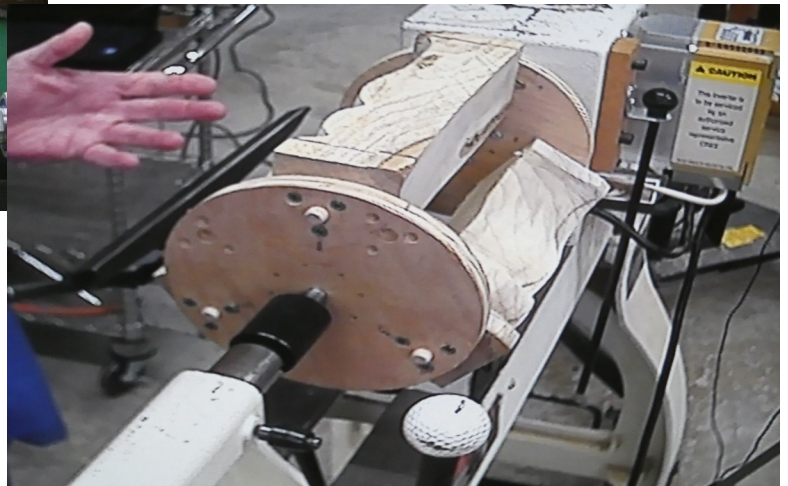
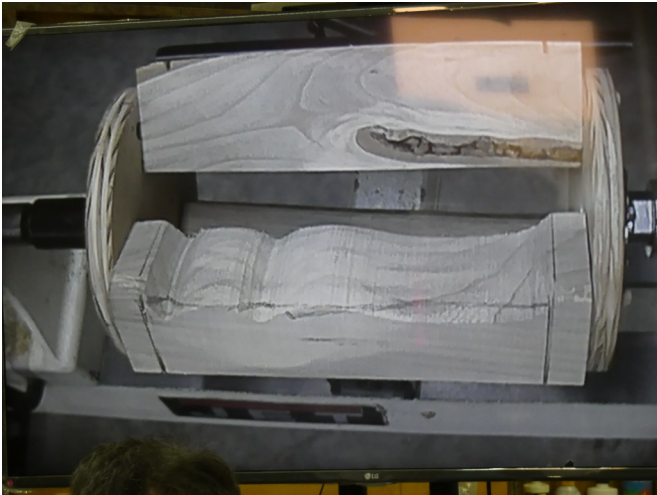
skills. Most of his work is turned on the lathe. Jeff likes to focus on making his work attractive as well as useful. Creating pieces that can be used fulfills Jeff's purpose as a craftsman.

### Demonstration Description

For my demonstration I will show the techniques that I use to turn a platter with three feet. Platter turning process and layout of the feet will be discussed and I will show several different ways to cut out the excess material to create the three feet.

# Oct. Demonstation

Brian Horais visited our Club as the demonstrator and the topic of Thermoforming and showed how to make a Thermoforming Fixture from which he could make identical legs for a stool or other objects.



**Next Meeting**  
**Third Saturday**  
**November 19**  
**at 1:00 p.m.**





# President's Corner

We conducted our second "Teaching the Blind to Turn" session last week at the Signal Center facility on North Germantown Rd. Jerry Schnelzer and I worked with five clients and as before, the session turned out to be very rewarding for the students and us as well. We have worked out a routine schedule with the Signal Center. Our sessions will be on the second Tuesday of each month from 10 am to noon. Thanks to Jerry for supporting this program last week.

I want to encourage you to support the Christmas ornament service project. I have set up a display at Art Crafters in Dayton and Doug will be setting up displays in the First Bank branches in Hixson, downtown, and Ooltewah following Thanksgiving. We will be sup-

porting the Friends of Special Children charity organization. The FOSC is a local charitable organization that raises funds for various local special needs children support groups including the Signal Center. We definitely need more ornaments, so I encourage each of you to support this program and make more ornaments. I also encourage you to spread the word to family and friends to support this effort by purchasing ornaments at the above listed locations.

I want to encourage you to continue supporting our other two service projects, the pens for troops and the beads of courage boxes. Keep those lathes turning and be safe.

## TSW CLUB OFFICERS

**Jim Dvorak** President  
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Most above officers are official  
Tri-state Woodturner Mentors

**NEW MEMBER MENTOR:** Are you new to wood turning or at least have an interest in it? TSW provides an opportunity for you to learn from other turners who are willing to give you personal instruction and guidance. There is no fee for this instruction for TSW members. Contact one of the listed officers who will guide you to select a helpful mentor for you.

The following sponsors give generously to Tri-State Woodturners and we want to encourage members to support them generously



5824 Brainerd Rd., Chatt. TN 373411 + (423) 710-8001



**CRAFT SUPPLIES USA**  
THE WOODTURNERS CATALOG

www.woodturnerscatalog.com +(800)551-8876

# Treasurer's Report



# The Web

Beginning Balance	September	3,000.83
Income		50.00
Raffle	50.00	
Expenses		410.00
Demonstrator	300.00	
Rent	210.00	
Ending Balance	September	2,640.83

A turner said: "I found this "wood database" on the web and believe it may be of interest to some members of the club.

<http://www.wood-database.com/wood-articles/>

It goes into fine detail on wood types, anatomy and structure of grains, finishing exotic and tropical hardwoods, endangered species, alternative species, etc..."

D-Way Tools also has a web site with many good videos that could be very helpful. You can check them out and select the videos of interest to you.

<https://d-waytools.com/video-library/>

## 2022 TSW Club Challenges

Turn the item the month before as a sample for new turners or turn the item for the month but the same item cannot be used twice or two months in a row. (Example in March turn a mallet for a sample of what a new turner could turn in April.) There is a wide spectrum available to be as simple or complex as you want and your skills allow. If you are a confident turner you can help new turners by submitting ideas for them to do the following month.

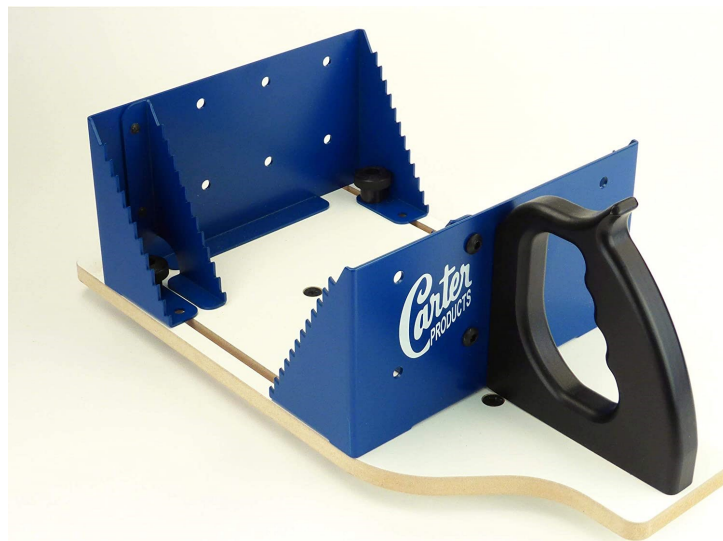
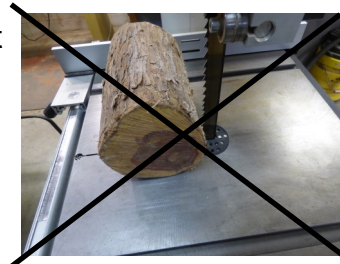
- Jan **Multi-media** (more than 1 material, i.e. species of wood, wood & acrylic or metal) (8)
- Feb **Garden** (useful item for gardening or for the garden) (7)
- Mar **Multi-finish** (more than 1 item, could be a combination of items) (6)
- Apr **Workshop** (something to be used in a workshop handle, jig, mallet, etc.) (4)
- May **Bowl** for symposium (donation for the Empty Bowl project) (3)
- Jun **Kitchen** (things that could be useful in the kitchen, spurtle, spoon holder, handle, etc) (6)
- July **Sports** (related to a sports team or to use in a sport) (5)
- Aug **Home** (anything useful for a home, art, clock, lamp, door stop, stool, etc.) (5)
- Sept **Jewelry** (necklace, earring set, ring, shawl pin, ring holder, etc) (5)
- Oct **Ornament** (be creative try something unique) (5)
- Nov **Personal** (gift for someone, something a person could use)
- Dec **Silent Auction** (to be donated for the Christmas dinner)





# Safety Tips

When cutting a round log on a bandsaw it is vital that it is secure. Homemade jigs can be helpful but it **MUST** be able to keep the log from rotating. After ruining a \$50 band-saw blade it may become more important to have a secure method of keeping the log from being pulled into the blade and twisting which can definitely cause a blade to break.



The above Carter Bandsaw AccuRight Miter Mill costs \$125-150 but it does not take too many ruined blades to pay for this safety item and that is to say nothing of the safety it provides the user. The teeth can prevent a log from rotating and it is easily adjustable for various size logs.

# Useful Ideas, Tips, Tools & Techniques

Where do you get ideas for projects to turn? First, may be TSW. The demonstrators and Show and Tell provide a lot of great ideas. AAW membership makes possible to access all the previous magazine articles. AAW membership provides the magazine, *American Woodturner*, which is loaded with ideas. The internet is also a great resource for ideas. With all this info how do you find what you need? Keeping idea Notebooks is an excellent way to file good ideas that might be used in the future.

Notebooks	
1	Tools & Equipment
2	Turning General
3	Turning & Wood
4	Pens
5	Ornaments
6	Segmented
7	Projects 1
8	Projects 2
9	Turned Toys
10	Finish & Embellishment
11	Projects - Non Turned
12	Toys - Non Turned
13	Furniture
14	RV & Chairs



You can see typical subjects that help identify which notebook to search. You may start with one notebook and in time it may grow as you save ideas you may use in the future.

# TAW Symposium

Fri & Sat Jan 27-28, 2023 at the Marriott Cool Springs Hotel & Convention Center—Franklin, TN Full information can be obtained at [www.tnwoodturners.org](http://www.tnwoodturners.org) Registration before Dec. 31 is \$180 .

This is an excellent symposium which many TSW attend every year.

At the web site you can see the list of demonstrators.



Dear Gentlemen & Ladies at Tri State Woodturners

This is a Long over due thankyou letter but no-less sincere. We are so thrilled with our partnership with you all.. Your donations of Wood creations have helped us in so many ways and our fund-raising opportunity at the AAW Wood Symposium was an eye opener into the wonderful world of wood turning. You are kind, generous and very creative. This year Friends of Special Children was able to donate \$12,000 to Signal Centers, Chatter Camp and purchased a racing wheel chair for Chattanooga Sports Art. We also made nearly \$16,000 at our Silent Auction and another \$12,000 at our Galdia Ticket drawing all of which you all donated to. Our big ABC Event totalled over \$170,000 that was donated to Signal Center for the installation of the Fire Sprinkler System. We could not do this without donors like you. Friends of Special Childre members are honored to fulfill our mission to help our special needs children and so very grateful for your partnership in this endeavor.

With much appreciation—Angeline Fairchild and FOSC members

## Pen for the Troops Contest

The two Woodcraft Stores Chattanooga and Nashville have been in a contest to see which store can provide the most pens for the troops. Nashville have 3 turning clubs with at least one having 6x the membership as the 1 club (TSW) in Chattanooga. The contest ended

Nov. 11, Veterans Day. Last yeat Chattanooga won by a landslide. This year the Nashville store contributed 1,270 pen and our Chattanooga store came in with a total of 1,245 pens. So they beat us by only 25 pens. Next year we have another oppor-

# Congratulations - great job!

## TSW Christmas Party

**Saturday—December 10 at 6:00 p.m. - Privateer Yacht Club**

Pot luck dinner with the club providing meat.

Silent Auction—bring things for auction and plan to purchase things

Renewal of club membership available at the dinner



# Show and Tell



These five projects were turned by Allen Quandee



Pens and Pens for the Troops made by Jerry Bowman





# Show and Tell



This page all  
Created by  
Ed Lewis





# Show and Tell



Top three by  
Gene Payne



Bottom three turned by John Dekle





# Show and Tell

This page all created by Les Isbell





# Show and Tell



Pens for Troops ↑ & BOC Box by Jim Dvorak →



Pen for Troops ↓ & ↓ Ornaments by Les Isbell



Pens for Troops ↓ & ↓ Pens by Ron Plumley





# Show and Tell



Ornaments ↑ made by Seth Eichenberger and Pens above & small bowl & Pens for troops →



Jerry Reed made ↑ these 3 ornaments

Johnny Renfro made these ornaments →





# Show and Tell



Ornaments created by Jennifer Kirby ↑  
← Garden tools made by Jeff Wheeler

Pens for troops →  
Donated & made by  
Charles Abercrombie  
Jim McKee  
Jerry Potts  
Jerry Schnelzer



# Demonstrator's Notes

## Turning Platter Blanks

Full disclosure – there are many ways to turn a platter blank.

Jeff Brockett

The following is my method that has worked well for me.

### **Platter Blank**

I use kiln dried wood or wood that has been air dried for several years for turning platters. I have found that platters turned with dry wood will not warp after they have been turned, as is often the case with using green wood.

I use many kinds of wood for my platters, however, when turning natural edge platters my favorite is burl wood. When coloring platters light woods such as maple, ash or poplar work well. I use wood that is 2" thick, although 1 1/2" thick wood can be used. My preferred method for chucking platter blanks is with expansion chucking. This chucking method works well with platters up to 24" in diameter.

### **I. Select platter blank**

1. Dry wood, preferably kiln dried
2. Blanks are 1 1/2" to 2" thick and from 9" to 24" square size to your lathe

### **II. Prepare blank**

1. Plane the face of the blank, if uneven, so that the faceplate or woodworm screw, when chucked, will sit evenly
2. Draw a circle on the blank with a compass to determine the largest diameter possible.
3. Cut the corners of the blank on a band saw in order to facilitate turning the blank on the lathe

### **III. Mount the blank**

1. Mark the center point on the front of the blank
2. If using a faceplate, align the faceplate in the center of the blank
3. Mark and pre-drill the holes for the faceplate. A 3" faceplate for blanks up to 12" and a 6" faceplate for large blanks is recommended. The faceplate is attached with 1" long #10 machine screws (never use drywall screws)
4. If using a screw chuck, drill a 3/8" hole 3/4" deep in the center. I use a Oneway screw chuck; other screw chucks may require a different size hole. For 1 1/2" thick wood I drill a 5/8" hole and use a 1/8" spacer
5. Place the woodworm screw in a four jaw chuck and mount the blank on the lathe
6. True up the edge and base of the blank.



## Turning a Three Footed Base

Turning a three-footed base is very similar to turning a round footed base. Basically, what is done is to turn a round base and then carve three feet in the foot. The size and design of the feet will vary to suit your taste.

### **I. Preparation steps**

1. Mount the blank and draw the 2 1/8" and 3 1/8" radius circles for the foot.
2. Draw a third 2 9/16" radius circle in the center of the first two circles that you drew for a round base.
3. Use the radius of this center circle to divide the 1" band into thirds. This is done by marking a line anywhere on the center line and using the compass set to the radius of the 2 5/8" center circle to make 5 additional equally spaced lines. Mark every other line. You now have divided the circle into thirds.
4. Mark a line 3/4" on either side of each of the three points on the band. These will be the three 1 1/2" areas to be carved to create the feet.

*Note: The radius of a circle is equal to about 1/6<sup>th</sup> of the circumference.*

### **II. Turn the Foot and Base of the Platter**

1. Recess the 2 1/8" radius circle to a depth of 3/8". This will be used for expansion chucking the blank when turning the front of the platter. It is important that the sides of the recess are straight for expansion chucking if using straight jaws or dovetailed if using dovetailed jaws.
2. Rough turn the shape of the rest of the base of the platter from the 3 1/8" circle to the edge of the blank. I like to create a slight ogee near the edge of the blank.

### **III. Carving the Feet**

1. I use a grinder to carve the feet. A reciprocating carver works, but it is slower. You can also use a coping saw with a sharp blade.
2. Remove wood between the lines.
3. Smooth the space between the feet very carefully
4. Refine the shape of the platter base
5. Sand the recess foot and base of the platter to 320 grit

### **IV. Tools**

1. Bowl gouge of your choice
2. Spindle gouge of your choice (**not a spindle roughing gouge!**)
3. Skew chisel
4. Bedan
5. Sandpaper