



### Meeting Info:

Meeting location:  
8361A Dayton Pike  
Soddy Daisy, TN  
(Horsin' Around)  
At 6:30 p.m.

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## Aug Demonstrator

### John K. Jordan



I'm John K Jordan, not to be confused with the other John Jordan woodturner. I live on a farm north of Knoxville with my Bride of 52 years and a bunch of animals. Starting in 2012 I built my shop. A sawmill behind the barn is great for both the farm and to feed the shop. The shop building is equipped for woodturning, flat woodworking, welding, machining, electronics, equipment maintenance, incubating peafowl eggs, 3d printing, photography, and video editing. In my spare time I help out as a moderator on the SawmillCreek woodworking and turning forum.

I've been turning for about 20 years now, starting out with an inexpensive copy of the old Craftsman tube lathe from Home Depot, the worst lathe in the world. I made some things

but quickly learned that was a mistake. The shop now has two useful lathes with others in storage that can be brought in as needed for students.

Teaching is one my favorite things to do, whether woodturning, welding, guitar, llama care, beekeeping, or moving dirt. When teaching woodturning to beginners, the first tool I put in their hands is the skew chisel.

I turn a wide variety of things, large and small, and unlike the other John Jordan, prefer turning dry wood. Chain saws, the sawmill, and the shop band saw keep the drying racks full of woodturning blanks. My newest woodturning tool is an excavator to hold 2000 lb logs off the ground for chainsawing. Some of my favorite local woods are Dogwood, Persimmon, and Holly, and favorite exotics include Ebony, Cocobolo, and Olive. The Thompson and Hunter tools are my favorites.

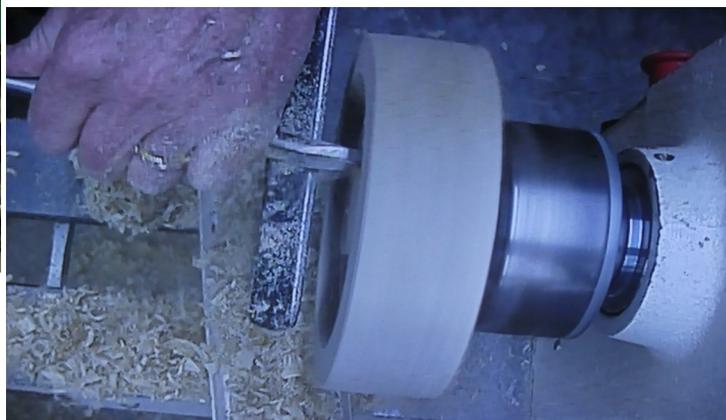
The demo is about turning metals on the wood lathe using woodturning tools. I'll demonstrate turning a tool handle insert from aluminum, and brass finial and feet and for a lidded box.



Tri-State Woodturners  
An official AAW chapter

# July Demonstration

Nick Cook showed us how he turns a lamp from start to finish giving tips along the way that were helpful for turning in general. He began showing a completed lamp (over his shoulder). The end product turned out very similar as you can see.





# President's Corner

As I mentioned in our last meeting, we are making preps for starting our “Teaching the Blind to Turn” program. I will be visiting the facility at the Signal Center today to check on status of area preparation for staging our lathes and tools, etc. The goal is to conduct the first class on the last Tuesday of this month.

early October this year. I encourage you to support this event by donating one of your turned items to the silent auction that occurs during this event. If you are interested in donating, please bring any turned items to the September meeting and we will get them to FOSC for the October event.

I also mentioned that we as a club were thinking about transferring the Christmas ornament service project support from the area food bank to the Friends of Special Children charity organization. FOSC is a local charitable organization that raises funds for various local special needs children support groups including the Signal Center.

Finally, I want to mention that we now have a Beads of Courage contact person that will receive any bowls or bags we make and distribute them to hospitals that need them in the south Tennessee/north Georgia area. Let’s again support this program.

Thank you to all that have been supporting the ‘Pens for Troops’ program. It always touches my heart to see all the pens displayed at each monthly meeting. Keep those lathes turning and be safe.

I would also encourage you to support FOSC’s annual ABC (all about children) fundraising event that occurs in

## TSW CLUB OFFICERS

- |                        |                          |
|------------------------|--------------------------|
| <b>Jim Dvorak</b>      | President                |
| (423) 883-2212         | dvorak6258@epbf.com      |
| <b>Josh Bowman</b>     | Vice President           |
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| <b>John Fortmiller</b> | Treasurer                |
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Most above officers are official Tri-state Woodturner Mentors



**TSW club meeting is Aug. 18  
(6:30) at Horsin’Around**

**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



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# Treasurer's Report



# The Web

Beginning Balance July		5,740.83
Income		165.00
Raffle	85.00	
Dues	80.00	
Expenses		410.00
Demonstrator	300.00	
BOC supplies	110.00	
Ending Balance July		5,495.83

## AAW Virtual Symposium

Saturday & Sunday,

October 15 & 16, 2022

Learn beginner and intermediate skills through projects by some of the best woodturning instructors from around the world: **Helen Bailey, Ernie Conover, Keith Gotschall, Rudolph Lopez, Jim Rodgers, and Malcolm Tibbetts.**

**Mark your calendar now and watch for more information fro AAW.**

# 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.)
- Sept **Jewelry** (necklace, earring set, ring, shawl pin, ring holder, etc)
- Oct **Ornament** (be creative try something unique)
- Nov **Personal** (gift for someone, something a person could use)
- Dec **Silent Auction** (to be donated for the Christmas dinner)



# Safety Tips

.For the past five years, AAW has continued to monitor reports of death and serious injury resulting from the technique known as fractal burning. The AAW Board of Directors established a policy prohibiting this practice across all areas under AAW's control in 2017.

Following two recent deaths in Wisconsin attributed to fractal burning, AAW's Safety Committee, which is responsible for promoting safe woodturning practices, again wants to raise awareness in the woodturning community about the inherent dangers surrounding this technique.

## Fractal Burning Kills; AAW Reiterates the Dangers

The AAW Board, through its Safety Committee, wants to re-emphasize the dangers associated with the process known as Lichtenberg, or "fractal," burning, an embellishing technique that uses high-voltage electrical current to burn patterns on wood. This often unsafe, life-threatening practice has once again surfaced in the news and on social media, following a two-victim incident in April 2022

In 2017, the AAW Board of Directors voted to ban any fractal-burning demonstrations and equipment sales at AAW-sponsored events. The ban prohibits displaying fractal-burned pieces at any AAW-sponsored event and promoting the practice via articles in AAW publications. Sadly, since the AAW Board adopted its policy on fractal burning in 2017, there have been thirty-three reported deaths directly attributed to fractal burning, and an unknown number of injuries and close calls.

Further, due to liability concerns, **the AAW Board has decided to disallow chapters that promote, demonstrate, or allow the use of fractal burning to be eligible to obtain, or renew, insurance through the AAW for their chapter.**

—AAW Safety Committee: John Beechwood III (Chair), Steve Pritchard, Kevin Jesequel, Kent Crowell

## Learn About the Hidden Dangers

Fractal burning poses a significant hidden risk of electrocution. It speaks volumes that there are no UL-rated fractal burning units commercially available. Many of the YouTube videos that show how to build these devices at home do not adequately address the inherent safety concerns. Many users think they are being safe, but the number of serious injuries and deaths says otherwise.

To learn more about what makes fractal burning dangerous, [visit the AAW website](#). This webpage lists known deaths, the AAW's official position on fractal burning, as well as other resources.

## AAW Chapters Take Note

The AAW Board's 2017 policy explicitly extends its position to its chapters: **"AAW-chartered chapters are strongly urged to refrain from demonstrating or featuring the process in chapter events."** Yet the practice persists at the chapter level. The AAW Safety Committee, with endorsement from the Board of Directors, requests once again that its members and chapter leaders join in the AAW's efforts to discourage the use of fractal burning. Do not promote the practice via newsletter articles or social media posts, and do not allow fractal-burned pieces to be displayed in instant galleries, exhibitions, at chapter meetings, or on chapter websites.

# Sawdust Session

Johnny Renfro kindly offered to host the July 23rd Session in his workshop. We learned how he makes his wooden pipe wrenches and saw some of his incredible Intarsia work. Each work place we have visited has been a very rewarding educational treat.



**Future Sawdust Sessions:** These have been incredible but we can only have them if people are willing to host them. Most hosts have admitted it took time to clean their work space but they really needed to do that anyway. It has been great to see how others set-up their area to work. Each visit has been enjoyable and educational in some way. We may go to quarterly sessions if it is too hard to do them monthly. Would you be willing to host a session? Let John Dekle know so he can post it in the newsletter which was done last month but did not get announced at the meeting.

# Useful Ideas, Tips, Tools & Techniques

## Why bring things to Instant Gallery?

If you read the American Woodturner Feb. 2022 issue you may have seen this lamp. It inspired me to create the Illum-a-nite with Alumilite. My inspiration from the magazine article shows the value of sharing ideas. My project does not resemble the Touchless Turned Lamp in the American Woodturner but it gave inspiration to venture into an area otherwise not considered. Using only what was available in my workshop, probably increased the creativity as well. Sometimes creativity just needs a little kick-start. As I finished this project I read an email from Alumilite of a Fall contest so I entered my project with the following description.

As Fall approaches the day light gets shorter so what better sign of the approaching season than a night light. Where the shade of the magazine lamp was made by piercing a piece of wood, it inspired me to create the Illum-a-nite. Early on in the project I determined to only use what I had on-hand in my shop. I started with a piece of Walnut about 1 5/8 inches square and cut out a section in the middle leaving a ridge to glue some scrap pieces from former projects that would let light pass through them in the stem of the lamp. I needed something thick enough to house the battery pack from some Christmas lights, which I made from 8/4 Peruvian Walnut, with a thin piece of Maple to cover the base. On top of the base another scrap from an earlier pour of Alumilite Slow



would transition from the base to the stem. A similar scrap was turned for the top of the lamp or shade which was set into a piece of Maple with a Purple Heart ring to hold it in place. A piece of Walnut with magnets provided the removable back for future access to the lights, if needed.

The Shade portion did not look right on the stem so a transition piece from Peruvian Walnut was turned to blend the two together. A switch was installed on the backside of the stem making it easier to turn on and off than the switch on the battery pack which is accessible by removing 4 screws. This base panel also gives access to replace the 3 AAA batteries which power the lights. Overall the lamp stands 25" and the shade or top is 8" across.

The piece you display in the instant gallery may be the catalyst someone will use to create some special piece and it might be a gift that will bless another person which all came about by you sharing what you made.



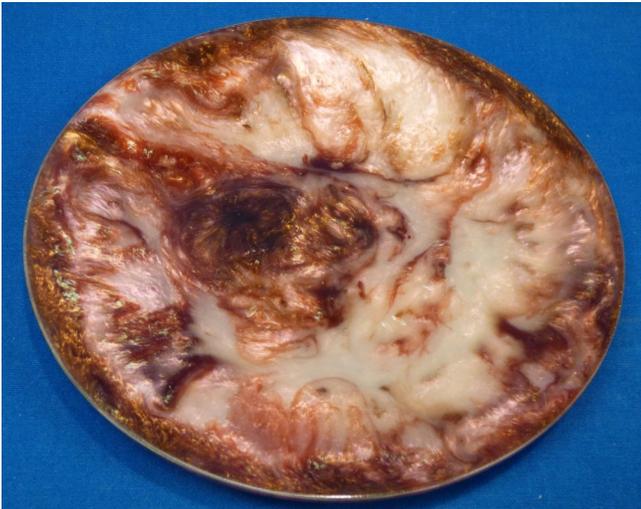
# Show and Tell



All the items on this page were created and turned by Charles Jennings



# Show and Tell



Items above were turned by John Dekle and the 178 BOC Bags were made by his wife DiAnna → →



← These pens were turned by Jerry Bowman

# Show and Tell



This page represents  
the creative work of  
Les Isbell



# Show and Tell



Seth turned these pens, pens for the troops, and the small baseball bat top of page

Gary Farlow made the candle holders, Lidded Box and Bowl lower half of page



# Show and Tell



← Johnny Renfro turned this full size baseball bat



Jennifer Kirby turned ↑ this lovely bowl

← Turned by visitor Joe Everett



Jerry Schnelzer made this croquet mallet and ball for the challenge this month (sport)



# Demonstrator Notes

There was insufficient room on the front page to include this picture of students in John K Jordans workshop or the picture below of aluminum turning.



Additional Notes on Turning metal will be available on the TSW web site for you to download. These notes will correlate with the demonstration this month that John K. Jordan will be teaching.



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