

M A R C H 2 0 2 2



Smoky Mountain Woodturners

Chapter of the Association of American Woodturners (AAW)

The Smoky Mountain Woodturners Chapter of the AAW meets each month of the year on the 3rd Tuesday of the month starting at 6:30 pm.

Our meetings are held on ZOOM at this time. To attend, visitors should send their email address to jevogelsang@charter.net. Guests are always welcome.

Our club will resume in-person meetings in May, plus simultaneous Zoom. Meetings start at 6:30 pm at Woodcraft Knoxville (our sponsor). The location is 8023 Kingston Pike in Knoxville, near Trader Joe's and one block from West Town Mall.

President: Don Adams

P. O. Box 50141

don-adams@tds.net

Newsletter Editor: Pauline Bayne

paulinebayne@comcast.net

Send \$30 annual dues to:

SMWTS Treasurer

P. O. Box 50141, Knoxville,

Tennessee 37950-0141

Ron Comtois Box-Threading Jig (homemade)



See page 6 for Demo notes

Full video available on SMWTS.org under Handouts/ Videos

See the photos – SMWTS Arrowmont Weekend



Ron's finished Threaded Box, White Oak



*See page 5 for
Andy Milligan's
write-up and
more pictures.*

**Attendees: 12
turners & 11-12
woodworkers.**

Officers



Don Adams
President



Jack Harris, Treasurer



Andy Milligan
Vice President



Scott Duncan, Secretary

Board of Directors

Don Adams, President 2021-22

Andy Milligan, Vice President 2022-23

Scott Duncan, Secretary 2021-22

Jack Harris, Treasurer 2021-22

Dick Hoffman, 2021-23

Members-at-Large

John Jordan 2022-23

Larry Green 2021-22

Frank Huscroft 2022-23

Ron Comtois 2022-23

Dick Hammat, Past President 2020-2022
non-voting member

Special Assistants to the Board

Website -- Jim Vogelsang

Newsletter Editor -- Pauline Bayne

Video/Zoom -- Jim Vogelsang &
Andy Milligan

Program Director -- Dick Hoffmann

Special Projects

Fantasy of Trees -- Don Adams & Jim Vogelsang

Beads of Courage & Wig Stands -- Drue Hogland

Pens for Troops -- Randy Fritchman

Education -- WVR Project -- Bob Law

Mentoring -- Don Adams

Arts in the Airport -- Robert Brown

Blount Mansion Project -- Ed Lewis

SMWTS Display at Emporium -- Brian Horais

AAW:
Symposiums, demonstrations, THE source for
woodturning information
www.woodturner.org
If you are not an AAW member, please
consider joining

President's Letter -- Don Adams

Ron Comptois's demonstration of his threading jig at our April meeting stimulated a lot of interest. Thanks again to Dick Hoffmann, Jake Niedling, and Jim Volgesang for producing the video.

The club is still looking for program ideas and folks willing to do a demonstration. Now that we have the capability to produce videos in advance of the meeting, the demonstrator can use a video combined with live turning to accomplish more in the given time at our in-person/Zoom meetings. Contact Dick Hoffmann if you are interested.



The Arrowmont weekend proved to be a good time for all who attended. From Friday afternoon to Sunday afternoon, we enjoyed 5 instructional demonstrations with opportunities after each to recreate the project. There was plenty of time spent turning and learning new techniques. Turners' skill levels ranged from novice to expert, and I think we all got to try something new. Of course, the food and fellowship were good as can be. It's amazing to me that a craft school village hides in isolation right in the middle of Gatlinburg.

With COVID infections falling to less dangerous levels and the CDC changing its guidance for meetings, we will resume in-person meetings in May with simultaneous Zoom webcast. We will follow the Knox County and CDC guidelines. See the announcement elsewhere in the Newsletter.

Each month members are encouraged to replicate that month's demonstration project or technique and post your piece for Show and Tell. At the end of each quarter, a random drawing will be held from those who participated. Ron Comtois was the winner of the \$25 Woodcraft gift card for the First Quarter Challenge.

Remember to try turning a threaded lidded box and upload it for Show and Tell to be entered into the next Quarterly Challenge. Turn safely!

SMWTS Meeting Calendar

January 19	<i>Dick Hoffmann</i> -- Segmented Turning
February 15	John Lucas -- Box Turning
March 15	Turning Miniatures -- Chris Campbell
April 8-10	Arrowmont Wood Weekend
April 19	Threaded Lidded Box -- Ron Comtois
May 17	TBD -- at Woodcraft & Zoom
June 21	Annual Wood Auction-- at Woodcraft & Zoom
July 19	
August 16	
September 20	
October 18	
November 15	
December 17	

HELP US FILL IN THIS CHAPTER CALENDAR!
Please contact Dick Hoffmann (use the email link on our website members' list) to discuss a potential demo project.

2022 Board Meetings: January 5 / April 6 / July 6 / October 5

2022 AAW Symposium, Chattanooga

June 23-26, 2022

3 ½ days and over 100 demonstrations

When 6/23/2022 4:30 PM - 6/26/2022 1:00 PM EDT

Where Chattanooga Convention Center 1 Carter Plaza Chattanooga 37402



TO REGISTER

- Sign in with your username and password (or create a new account).
- Click "Register Myself" button.
- Select a "Registration Option."

If you need help, please contact us by phone M - F, 8:30AM to 4:30PM (CST) at 651-484-9094 or 877-595-9094.

Arrowmont Woodworkers Weekend 2022

It was good to be back together with some of our friends at Arrowmont. From the comments received, I believe everyone had a good time, learned something new, and shared some tips and tricks about woodturning. We were well fed by the Arrowmont kitchen and enjoyed turning on some fine Robust, Powermatic, and Vicmark lathes. It was fun to reconnect with old friends, even our past president Rob Smith made the trek from the frozen reaches of Ohio to join us. I also enjoyed getting to know some new friends and members.

The weekend started off Friday afternoon with Dick Hoffmann showing us an attainable method for making some apparently very difficult hollow forms. Saturday morning Sandy Pittard shared his method for using an indexing wheel to mark uniform patterns on turned shapes. He assured us he is not influenced by the roulette wheels of Las Vegas, but I can see some similarities. Next Ron Comtois showed us how to quickly turn a small coffee scoop that I believe will be very popular around my family.

Saturday afternoon Brian Horais delved into the many applications of twisted turning. He even explained it where I could follow and successfully turned a couple of shot cups which I am anxious to try. Sunday morning Jake Niedling discussed how to proportion a beautiful finial for use on an ornament or a box lid.

We also got to meet and visit with friends in the East Tennessee Woodworkers Guild during a social hour Friday evening and a roundtable discussion of "How to fix mistakes" Saturday evening. I hope next time those who were unable to attend this year will be there.

Andy Milligan
Coordinator



Ron wanted to have a jig to chase threads, especially for lidded boxes. However, he didn't want to pay as much as \$500 to buy one. So he found a way to make his own and demonstrated it for us last night.



He followed the usual procedure to turn a box and then cut a 1/4" groove in the lid and bottom to have a place to insert the cutter head and start cutting threads. The groove goes on the inside of the lid and outside of the box bottom.



Important details about the process:

- 8 to 10 threads per inch seems ideal
- Need 3/32 overlap between lid & base before the threads start
- Use highest lathe speed possible
- After each pass with the thread cutter, apply CA glue & spray with accelerator
- It frequently takes 3 passes with the cutter to make the threads deep enough
- After making threads in both the lid and bottom, test for fit. It may be necessary to do another pass.
- Always mark chuck position before removing box



The Homemade Threading JIG



Ron made a base of beech wood, turned a handle, and bought a 3/8" collet, 3/8" threaded rod for a drawbar, a Chuckware kit thread cutting bit, and adaptor for the chuck, 3/4" 10 tpi nylon nuts, an X-Y vise. Assembly must be straight and centered. The full parts list and costs are available with his video on SMWTS.org for members.

Thanks to Ron for an excellent demo and to those who made it possible:

View Crew: Jake Niedling & Dick Hoffmann
ssWeb Man: Jim Vogelsang

# needed	Part	Source	Cost w vise
1	60 Degree double bevel cutter -3/8"	chefwarekits.com	\$ 39.00
1	X/Y sliding vise (at least a 4" jaw.)	Amazon	\$ 69.99
1	3/4" 10 TPI -12" long - Select Grade threaded rod	Home Depot - Lowes	\$ 4.52
1	3/8" collet w/ your lathes correct morse taper	eBay	\$ 15.76
1	3/8" threaded rod for collet draw bar	Home Depot - Lowes	\$ 4.28
1	3/8" wing nut	Home Depot - Lowes	\$ 1.28
1	3/8" fender washer	Home Depot - Lowes	\$ 0.31
1	5/16" nut (this nut is for locking down the jig.	Home Depot - Lowes	\$ 2.33
1	5/16" x 3" bolt	Home Depot - Lowes	\$ 0.34
1	knob for 5/16" bolt	Tractor Supply	\$ 5.49
2	3/4" flat washers	Home Depot - Lowes	\$ 1.06
4	3/4" 10 TPI nuts	Tractor Supply	\$ 6.36
2	3/4" 10 TPI Nylon locking nuts	Home Depot - Lowes	\$ 10.26
1	3/4" 10TPI to a (3/4", 1", or 1 1/4") adaptor	Amazon	\$ 14.99
	Hardwood to build platform for vise.		
	Total w XY Vise		\$ 175.97
	Total w/o XY Vise		\$ 105.98



What's Happening at the Ranch this Month?

April provided our students with the opportunity to finish their lidded boxes (intermediates) and wow, did they turn some great looking pieces. While the lids and finials are often the toughest part of the project to turn, our students finished theirs with nary a problem! Our beginners continued their work on concave and convex turnings by finishing platters and shallow bowls. Lots of photos below.



Our thanks to the First Baptist Church of Gatlinburg and our member, John Tarpley for providing funds to purchase new tools for our lathes. Through their generosity, our Friends at Woodcraft were able to provide new bowl gouges, parting tools and a bedan plus replacement live centers for all the lathes.

If you have questions about our SMWTS educational program at the Ranch, contact Bob Law - rockytopbob1@gmail.com



SMWTS to Meet In-Person Beginning in May

After over two years of Zoom meetings, your Board of Directors has elected to start in-person meetings with a simultaneous Zoom broadcast. The first meeting will be our regular monthly meeting on May 17 at Knoxville Woodcraft. The plan is to follow the CDC guidelines for Knox County. The community level for Knox County is currently rated as Low. If you have symptoms or have had a positive test or exposure to someone with COVID-19, we ask that you not attend in-person but rather participate in the meeting via Zoom. You may choose to use a mask at any time. If the COVID situation in Knox County changes, we will respond accordingly. We look forward to meeting in-person again and are excited about the opportunities that come with gathering together. (Like a wood auction!)

The May meeting will also be available on Zoom--simulcast !

Annual Wood Auction at the June Meeting

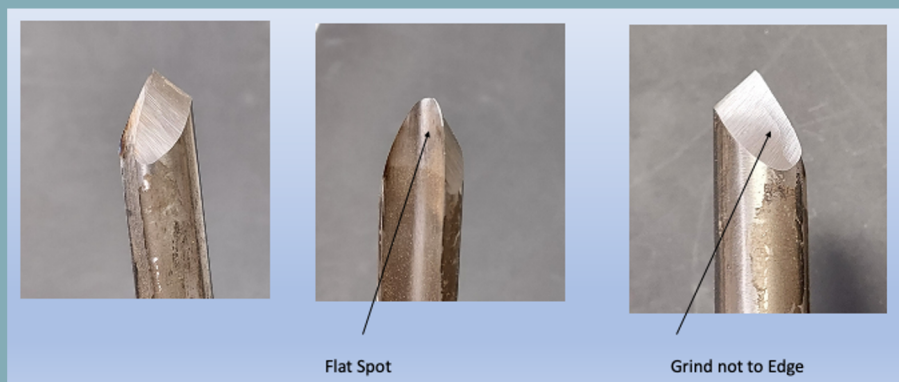
It's time to clear out the unused stuff to make room for the new things you'll buy! Our annual Wood Auction is planned for the June 21 meeting. Please plan to bring good quality wood, tools, and accessories for the auction. Wood should be free from defects and flat on at least one side. We will not have a wood raffle at the May meeting, so save those items for the annual auction in June. And plan to take home some new gadgets and wood!

Quarterly Challenge & Winner

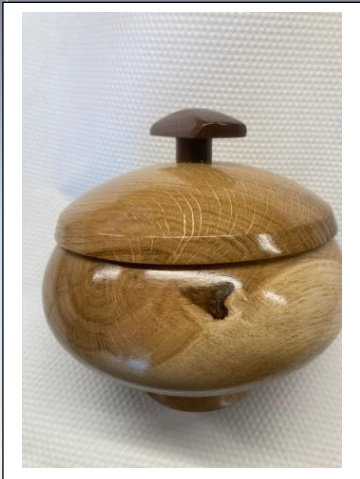
- Every member is encouraged to attempt to replicate each month's demonstration program idea and submit the project for Show & Tell.
- As the "Quarterly Challenge," a random drawing will be held at the end of each quarter from the Show & Tell projects that reflect the demonstrations for those three months. The winner will receive a \$25 Woodcraft gift card.
- The WINNER for the First Quarter Challenge is Ron Comtois.

Sharpening Safety – Dick Hoffmann

- Wear safety gear to protect your eyes
- Wear a dust mask. Think of sharpening as creating metal dust more damaging to your lungs than wood dust.
- Use a light touch Avoids burning, taking off too much material and allows for a quick reaction if something slips
- Remember a sharp tool is less likely to catch, is easier to use and produces a better surface.
- Inspect your tool grind



Show & Tell



Bob Emory

Celebration Memories
7 1/2" diam x 5" h Oak Bolw

Dick Hammat

3 1/2" caterpillar discovered while
Hollow Turning

Spalted Hollow-Turned 12 x 12"



Jake Niedling

Miniature Ornament compared to Full-
size Lincoln penny

I gave it a try turning miniatures. This is a 1/12th scale Christmas ornament. It's about 1/2" long, globe is 5/32", and finial is about 3/64" diameter. Actually, I broke the first one, so this is number two. I used my 3/8" spindle detail gouge to turn it.

Thanks to Christine for challenging us.

Show & Tell

Dick Hoffmann

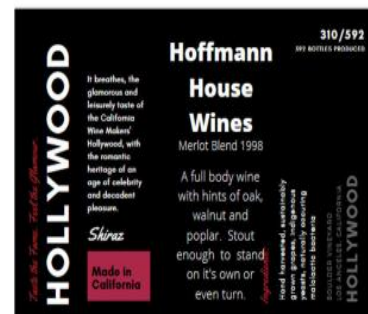
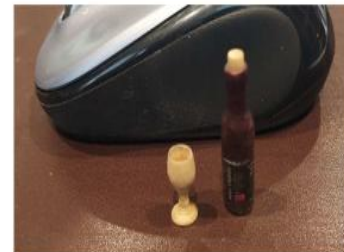
Arrowmont turnings 2022

Miniature Wine Bottle & Glass

Twisted Vase



I knew a twisted man, who
taught a twisted class, so I
turned a twisted "?"



Chris Campbell Inspired—
Yes, wine bottle is hollow.
Finished with acrylic paint,
paper label and Parafix CA glue.



Ron Comtois
Multi-axis Turning

2-Piece Hollow Form
& second view, done at
Arrowmont Weekend

