

Smoky Mountains Woodturners NEWSLETTER

SEPTEMBER 2021

Issue No. 9

Thanks to all of you who joined us for the September meeting. Good news--Rob Smith will continue as our President in 2021 as long as we are meeting via ZOOM. Rob and his wife will move to Ohio in early October, but we're glad we'll still be with him virtually.

To become a New Member of SMWTS:

1. Send your name and password to use to Jim Vogelsang jevogelsang@charter.net.
2. Send \$30 dues to PO Box listed above

2021 Dues are Due



Please send your dues check of **\$30.00** to the club post office box to retain your annual membership.

P. O. Box 50141
Knoxville, Tennessee 37950-0141

TAW - TN Association of Woodturners presents its Annual Symposium-- 28-29 Jan 2022--at the Marriott Hotel & Convention Center in Franklin, TN.

Leading woodturners:

Kimberly Winkle
Jeff Hornung
Lyle Jamieson
Mike Mahoney
Jason Swanson

Features:

- 16 woodturning rotations daily
- Large vendor area
- Woodturning gallery
- Banquet & live auction

REGISTRATION NOW OPEN:
<https://www.tnwoodturners.org>



Cardboard Bowl
Offset Slab Bowl
Paper Bowl
Colored Pencils Bowl
Resin Bowl
Frog Wood Tri-Corner Bowl

YouTube videos curated by Dick Hoffmann. See pages 5-6 for more...



The Smoky Mountain Woodturners Chapter of the AAW meets each month of the year on the 3rd Tuesday of the month. Our meeting place sponsor is Woodcraft – Knoxville. Meetings start at 6:30 pm. Guests are always welcome. Woodcraft Knoxville is located at 8023 Kingston Pike in Knoxville, near Trader Joe's and one block from West Town

Smoky Mountain Woodturners

P. O. Box 50141
Knoxville, TN 37950-0141
Website: smwts.org
Email: info@smwts.org
[mailto: info@smwts.org](mailto:info@smwts.org)

Contact: Rob Smith, President

Email:
<mailto://highsky103@gmail.com>

Newsletter Editor: Pauline Bayne

Email:
<mailto://paulinebayne@comcast.net>

Committee Chairs

Website – Jim Vogelsang
Newsletter Editor – Pauline Bayne
Video/Zoom – Jim Vogelsang and Andy Milligan

Special Projects

- **Fantasy of Trees** – Jim Vogelsang
- **Beads of Courage & Wig Stands** – Drue Hogland
- **Pens for Troops** – Randy Fritchman
- **Education** – WVR Project – Bob Law
- **Safety Director** – Richard Hoffman
- **Arts in the Airport** – Robert Brown
- **Blount Mansion Project** – Ed Lewis
 Kiln-dried magnolia is coming...
- **SMWTS Display at the Emporium** – Brian Horais (2021 cancelled)



Call for Entries -- 16th National Juried Art Exhibition

Two- and 3-dimensional works will be on display February 4-26, 2022 at the Emporium Center, Knoxville, TN. More than \$1,000 in cash awards will be presented at the exhibition's Opening Reception on February 4, 2022. **Entries must be received by midnight on Sunday, December 5, 2021.** Rules and Entry Form available at:

<https://www.knoxalliance.com/nje-entry/>

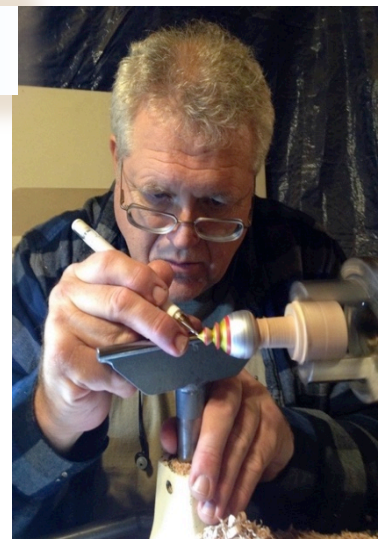
President's Message from Rob Smith

Just a quick few words:

We certainly saw some unusual turning this month. I wonder if anyone will try using these materials?

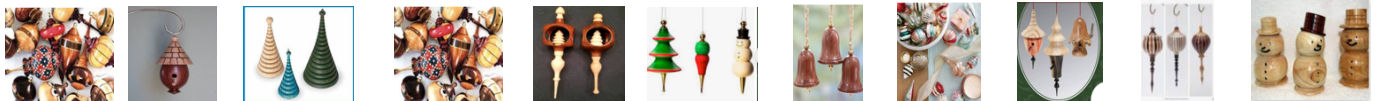
Remember that our elections for new members of the Board of Directors is coming up. Please consider running for the board. Be sure to vote when the information comes out so we can look forward to some new blood. Also, once the board is formed, they will elect our club officers.

--Rob



PROJECT Reports

- **Wears Valley Ranch** turning courses - Bob Law
The kids are back and turning boxes. There are 13 students with 3-4 new ones to be added in January. The shop has four 4 mini lathes, 3 for students (the usual number per class) and a Nova medium size lathe. Club members who teach in the program include Jake Niedling, Randy Fritchman, Ed Lewis, Tom Straddler, and Bob Law.
- **Beads of Courage & Wig Stands** -- Drue Hogland has a supply of both for distribution. If you make any, just contact Drue for delivery details.
- **Sevierville Senior Center / Smoky Mountain Woodcarvers** -- Jack Harris said cancellation due to Covid.
- **Pens for Troops** -- Randy Fritchman said to let him know if you need kits. He has 300-400 and Woodcraft has about 500. So far the number of turned pens is 950. All are due by around Veteran's Day in November.
- **Fantasy of Trees** -- Don Adams reported that there will be a Fantasy of Trees event with masks required. Please make LOTS OF ORNAMENTS and hold on to them. Look for links on our website for inspiration and instruction on ornaments.



More about FANTASY OF TREES -- Don Adams

One of our chapter's charitable activities is the Fantasy of Trees (FOT), an annual fundraiser for Knoxville Children's Hospital. Each year we donate a few hundred ornaments of all types that the event organizers sell from a decorated tree at the auction. Last year's event was canceled due to COVID so the need is even greater this year. Plus, FOT is excited for woodturners to contribute other items for auction, such as small bowls, toys, platters, vases, goblets, etc.

Because FOT takes place during Thanksgiving weekend, the deadline is imminent. We will announce collection times and places soon. Please place securely-attached eyes and hangers on your ornaments, and wrap each individually in tissue paper. Also, if you submit more complex turnings, please suggest prices.

Items of all types, complexity, and skill are welcome. **We need around 400 ornaments! Volunteers are also needed to help prepare the items for delivery.** Please support this project so SMWTS can continue to be well represented in our community.

MENTORING PROGRAM -- GO FOR IT!

-- DON ADAMS

SMWTS continues to maintain a mentoring program where our own recognized skilled woodturners have volunteered to mentor those who seek to improve or extend their own skills. Mentors and their areas of expertise are listed on the website, or you can call Don Adams (865-748-2471) for assistance in seeking the right person to help you. The mentoring process is used by both novice and skilled club members, and we encourage you to participate.

The club extends insurance coverage for such activities when the online application form has been completed. Registration also helps us track the activity level and support the program. New mentors are always welcome.

2021 Board Members

OFFICERS

- Rob Smith -- President
- Don Adams -- Vice President
- Scott Duncan -- Secretary
- Jack Harris -- Treasurer

MEMBERS-AT-LARGE

- Larry Green – 2021-22
- Dick Hoffmann – 2020-21
- John Jordan – 2020-21
- Gordon Fowler – 2020-21
- Dick Hoffmann – 2020-21
- Program Committee Chair

SMWTS 2021 Calendar of Events

- January 6 1st Quarter Board of Directors meeting
- January 19 **Jake Niedling** – Small Thin Goblets
- February 16 **Gordon Fowler** -- Multi-Axis Turned Coffee Scoops
- March 16 **Dick Hoffman** –Hand Made Turning Tools
- April 7 2nd Quarter Board of Directors meeting
- April 20 Two-Part Hollowing by **Frank Didomizio & Tim Yoder**; public domain videos curated by Dick Hoffmann.
- May 18 **Graeme Priddle & Melissa Engler** - Koru Bowl
- June 20 **Richard Raffin** - Understanding Catches & **Kent Weakley** - How to Avoid Woodturning Tool Marks
- July 20 **John K. Jordan** - Bandsaw Techniques & Safety
- August 17 **Charles Ray Huskey, A Gatlinburg Craftsman**, introduced by John Tarpley
- September 21 **Featured Presentation** - Strange Turnings, curated by Dick Hoffmann
- October 19 John Tarpley - Collets (on ZOOM)**
- November 16 Topic: TBD - monthly meeting on ZOOM
- December 21 Topic: TBD - monthly meeting on ZOOM

*The Board of Directors will be completing our annual schedule. We still have a need for VOLUNTEERS for monthly presentations!!! **Please contact Dick Hoffman** for October, November, December meetings.*

Check out AAW Remote Demos

- Natural Edge Bowls: Scott Hampton / September 25, 2-4 pm
- German Rings: Simon Begg / September 25, 4 pm
- Make the Most of Your Burl: Cindy Drozda / October 2, 1-4 pm
- Turning a Teardrop Box: Kade Bolger / October 9 / 10-12:30 pm

NEED WOOD?

Contact **John Jordan** mailto: jordanjk@gmail.com
 John has wood to donate for those needing wood for practice or chapter projects.

--Donations to SMWTS will be accepted for the club.

American Association of Woodturners

If you are not a member of AAW, we ask you to consider joining our parent organization. A new membership promotion is being offered in 2020 – **Affiliate membership.**

Get full access to all online content, publications *American Woodturner* & Woodturning FUNDamentals, as well as availability of demonstrator, maker and educator profiles on the AAW website.

NOTE: Affiliate membership is offered **FREE** to AAW Chapter members for 3 months. **Sign up** for the special offer online at www.woodturner.org

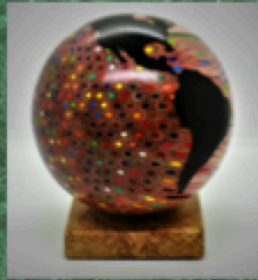
NOW is a Great Time to join, and spend time with all their info, videos, articles – both present and past!

AAW Calendar
2021 AAW Symposium
 Omaha, Nebraska
 July 15-18, 2021

2022 AAW Symposium
 Chattanooga, TN
 June 23-26, 2021

DEMO:
Strange Turnings

*Curated by
Dick Hoffmann*



Featured Presentation



Strange Turnings

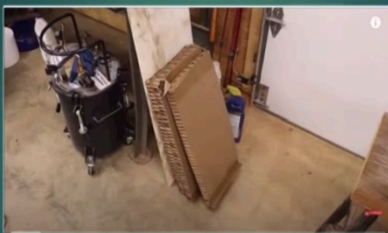


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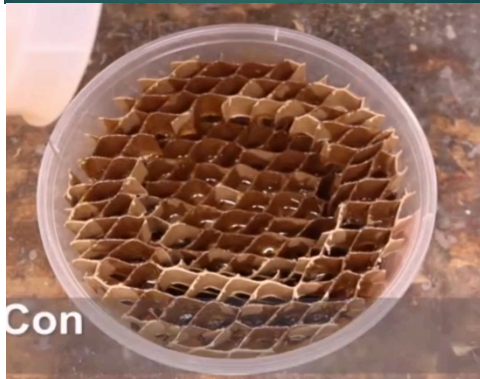
o <https://www.youtube.com/watch?v=e8K7B-tdNLo>

2

Cardboard



Offset Slab



Con



o <https://www.youtube.com/watch?v=cktaf2CWbOw>

DEMO: Strange Turnings

3

Paper

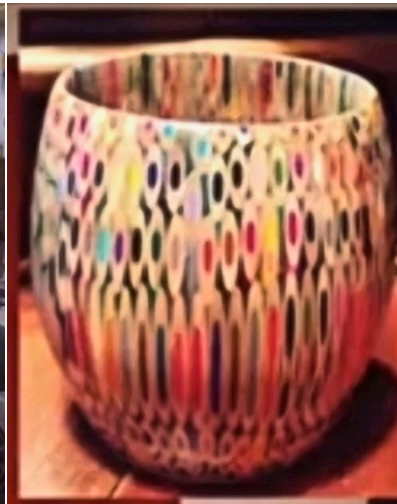


- o https://www.youtube.com/watch?v=2_tFBEXvHVA

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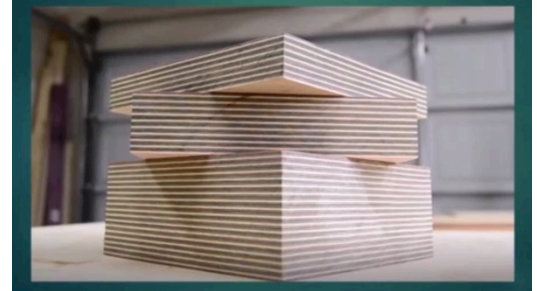
Colored Pencils

- o <https://www.youtube.com/watch?v=dCVmWSphtLw>



5

Frogwood



- o <https://www.youtube.com/watch?v=B5IHtUq4YZ8>



6

Resin



- o <https://www.youtube.com/watch?v=Wpc4sMbvqFE>

What's Happening at the Ranch this Month?

September brought the beginning of the new school year at the Ranch. The assistant principal at St. Andrews (the Ranch School), was able to consolidate our workshops so that we will be teaching on the 2nd Wednesday and 3rd Thursday of each month through December. We already have a waiting list for the new Beginners Class that will start in January.

Our intermediate students turned square-sided lidded boxes this month. These miniature turnings proved to be a challenge for many of them. Like the rest of us, the fitting of the top to the box proved to be more difficult than they expected. Everyone was able to complete the project and increase their skill level.

Coming up in October, the students will be turning a small table lamp.



Founders Day 2021 The Ranch hosted patrons and alumni on Saturday the 11th. Randy and I represented the Chapter as part of the activities program. We were assisted by Kaydn and Victor, two of our intermediate students, as we demonstrated how to turn pens. We communicated the Chapter's nearly 6 year involvement with the Ranch as our Educational Program Annual Commitment. At each of the two sessions, we encouraged the visitors to participate. Several of them accepted the challenge and turned a bead & cove stick. Here are some of the photos....



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

SAFETY MESSAGE: Dick Hoffmann

**Things Every Turner Should Know
& A Safety Message**

Comparing Tool Steel Summary



Comparing Tool High Speed Steel

To qualify as a high-speed steel, the chemical composition must meet certain minimum requirements, which are defined in the ASTM A600 Specification for High-Speed Tool Steels. Chart below presented in weight percent:

ASTM	C	Mn	Si	Cr	W	Mo	V	Co
M1	0.82	0.25	0.40	3.75	1.55	8.50	1.15	-
M2	0.85	0.25	0.30	4.15	6.00	4.80	1.85	-
M2 EUR	0.91	0.25	0.30	4.00	6.15	4.85	1.75	-
M3-1	1.04	0.25	0.30	3.90	5.90	4.90	2.35	-
M3-2	1.21	0.25	0.30	4.10	6.00	5.50	2.90	-
M4	1.33	0.25	0.30	4.50	5.50	4.50	3.85	-
CPM M4	1.45	0.25	0.25	4.50	5.50	5.20	3.85	-
M7	1.00	0.30	0.40	3.60	1.60	8.55	1.90	-
M35	0.93	0.30	0.30	4.20	6.25	5.00	1.90	4.90
M42	1.08	0.30	0.45	3.85	1.50	9.50	1.20	8.00
CPM Rex 78/M48	1.55	0.20	0.40	4.00	10.00	5.25	3.10	9.00
M50	0.83	0.30	0.50	4.10	-	4.20	1.05	-
M52	0.90	0.30	0.30	4.00	1.15	4.50	1.95	-
CPMT15	1.60	0.30	0.30	4.25	12.25	0.75	5.00	5.00
PM30	1.28	0.30	0.30	4.20	6.40	5.00	3.10	8.00

C-Carbon Mn-Manganese Si-Silicone Cr-Chromium W-Tungsten Mo-Molybdenum V-Vanadium Co-Cobalt

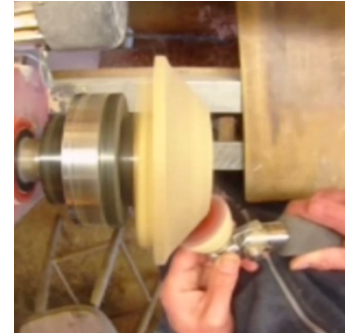
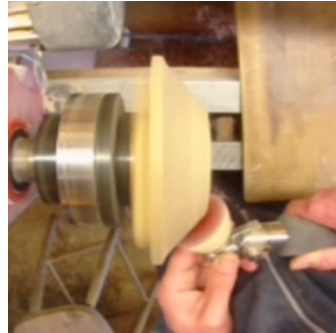
SAFETY MESSAGE: Dick Hoffmann

**Things Every Turner Should Know
& A Safety Message**

SANDING

Inertia Sanding

Power Sanding



Various angles
for use of an
inertia sander

Now for the Safety Message

- When Sharpening, always wear a mask
 - Metal dust is definitely bad for the lungs
 - And so is diamond or silicone dust
- Also when sanding, inertia, power or by hand, protect yourself with a good dust mask.



Show & Tell Gallery



GrUmPy'S Wood Turning New Market Tennessee



Jason GrUmPy Holliday

Top - Two Lidded Boxes in Walnut

Middle -- Lidded Box & Walnut bowls,
Regular & Live (natural) edge

Bottom -- Rounded bowl , "Bug Bite"
Walnut bowl, & Lighthouses in
dogwood, Bradford pear, holly with a
walnut stand.



Show & Tell Gallery

John Westrup

Apple Bowl -- top view & branding with a torch (about \$110 from Cincinnati).

Lidded Box -- Yew with Cocobola, front and inside. Insert and inside are woodburned.



Jake Niedling

Carved Box, 3" diameter x 4.5" high
Carved with a V-tool and finished with black lacquer