

WOODTURNERS OF ST. LOUIS

A Chapter of the American Association of Woodturners

WTSTL.com
February 2022



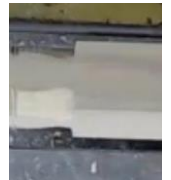
February Demonstration Paul Krautmann – Production spindle turning● Paul has been turning wood since Junior High school. He has a background in industrial arts and ran a custom cabinet shop. He has turned spindles for spinning wheels, stairs, and even a 20 foot mast for a sail boat.



The spindle blank must be perfectly square – run the blank thru a jointer; then a planer; and then clean up the flat sections with a block plane. The centers are marked on each end and the blank mounted between centers using a steb drive (knock out bar is used to set

the steb teeth on the head stock side).

The shoulders and beads are marked on only one face to eliminate any confusing marks as the blank rotates. The top pommel has a square edge and is marked with the skew and cut with the skew or spindle gouge keeping the bevel straight into the blank.



A parting tool (sharpened on multiple sides) is used to create channels, mark locations along the spindle and lastly set the depth for features along the spindle.

Regardless if you are making one or one hundred duplicate spindles a story stick and several pairs of calipers will make the process go smoother. Transfer the major elements of the spindle to the story stick. Cut a notch in the story stick with a knife for each of these items; the notch will cradle your pencil. Lay the story stick on the new spindle to transfer these points onto the spindle blank. Measure each of the major points with your caliper. If you have more than one feature, use a separate caliper for each. Otherwise, create another story stick for the caliper sizes to change throughout.



Paul used his arm/hand to act as a steady rest when finishing the center part of the spindle.



See the Secretary's article for detail step by step documentation of the turning demonstration.

Thanks to Paul Krautmann for a great demo showing production spindle turning along with tips and techniques that can be used with a variety of turnings.



The club video capture process has made it possible to keep these presentations for club members to watch for years to come. It is recommend that you check out the video from our library at the next meeting or view it by checking the demonstration page on the club website.

Create a spindle of your own for the March President's Challenge! See the President's Spin article below for more information on rules.

WTSTL Hybrid Meetings● Each meeting lets us improve and address new issues with our hybrid system. Thanks for the patience of those members that participated online at the Feb meeting and only saw a black screen for the meeting portion. Fortunately the issue was resolved before the start of the demonstration. We learned and will document/modify the process. Thanks for your patience. **Online members were issued a ticket for door prizes and several were winners. Door prizes will be held for two months for remote winners to pick up or make arrangements for delivery. If not claimed, they will go back into the prize pool. They are stored in the locked cabinets – contact an officer to claim your prize (winner's name is marked on the item).**



We need your help too. Please give us feedback on the good and bad with the A/V system so we can make your online participation a great experience. We had 10 on line that were able to watch the demo. The video and sound quality was improved and we plan to purchase a better overhead camera.

- If you do not see video at the start of the meeting (~1pm CT) [let us know via the Zoom Chat window.](#)
- If the video drops offline or there are other issues [let us know via the Zoom Chat window](#)

Please send Rob and Charlie an email with any suggestions. We monitor the chat but email and voice feedback is difficult during the meeting as the AV team is quite occupied with operation of the equipment.

In person meetings will continue to be open to visitors (except when a paid demonstrator is scheduled); remote participation will be available via Zoom. We are discussing the possibility of exchanging Zoom demonstrations with other clubs around the world. More to follow as details are defined.

Website● The website has been revised and the logon requirement has been removed. Information under the "members only" tab is available on other web pages and that tab has been removed. Personal information on the roster – address, phone, and email has been removed. The roster is still available but only a picture and associated name appears along with a note on paid/unpaid dues. Electronic membership is still available via the club website. After entering your contact information and selecting your plan you will go to PayPal to complete your application and enter the amount to pay. When PayPal asks for our organization, enter **Woodturners of St. Louis**. You will receive a follow up email with your membership card. If you are not contacted within a couple of weeks, email the club Treasurer.



President's Spin● The Presidents challenge for March is to turn a spindle.

- Similar to the baluster turned by our demonstrator Paul Krautmann.
- Basically anything that runs parallel to the bed of lathe. Lidded box, wood lamp, spurtle, wooden spatula, rolling pin, honey dipper, scoop, chop sticks, bottle opener, gavel, even miniature trees and snowmen.
- Not a bowl.

It looks like the weather is getting better and for those that don't have heated shops it might be good time to venture out to your garage/shop, turn on your lathe and bring something to show and tell. Next month I plan to do a presentation on how to turn tops at the pre-meeting (11:30 to 12:30). As well as how to build/assemble a top. There is more than one way to turn a top.

I have taken a few classes at local and remote facilities. My thoughts on some of them are listed below:

- Woodcraft and Rockler offer classes at their facilities. The classes ranging from reasonably priced to outrageous. The strength/depth of instructor varies with each location. I took a lidded box class at the Kansas City Woodcraft. The class was reasonably priced \$75 for three hours and the instructor was outstanding.
- Craft Alliance offers classes locally in Saint Louis MO. Jeff Hornung is a teacher there. The school offers beginning classes and it is a great way to improve your skills if you are just starting to discover woodturning. Classes cost \$250 and meet one night a week for six weeks.
- I have taken classes at two different woodworking schools. The first Marc Adams School of Woodworking in Franklin Indiana (25 miles from Indianapolis) 5-hour drive from Saint Louis MO. Adams school offers many turning classes with very experienced instructors. The school is focused on world-wide participation and the best instructors. Class cost range from \$450 for a weekend class to \$970 for a week-long class. Class size 14 to 18 students (pre-Covid)
- The second school is John C. Campbell Folks School in Brasstown NC (100 miles Northeast of Chattanooga TN (10-hour drive from Saint Louis MO). Campbell offers many turning classes with very experienced instructors. The school is focus on providing students with a positive experience. Classes range from \$389 for a weekend class to \$700 for a week-long class. The school offers lodging and meals for an additional cost. Class size 10 maximum. (Covid is 7 max).
- Two other excellent schools are Craft Supply in Provo Utah and Arrowmont School of Arts and Crafts in Gatlinburg TN. I have not attended either one both have spoken to other club members who have made positive recommendations for both schools.
- Another source of classes is private instruction

Paul Krautmann, our February demonstrator, will be conducting two woodturning classes in April. See the article below for more information. The cost for each class is \$100. Contact me if you have any questions.

Please share your thoughts and experiences with me on classes you have taken.

We currently have four (4) open demonstration dates July through October. If you are interested in doing a demonstration for the club, please see me or John Hoeing. If you don't feel comfortable doing a demonstration in front of the full club but would like to get some experience doing a demonstration, we can arrange for some time at a pre-meeting between 11:30 to 1:00pm.

Thanks to Dan Hill, Bennett James and Murray Meierhoff for helping bring out the lathes for the pre meeting and checking our members for Covid vaccination and all the volunteers that help with the tear down and clean up following the meeting. See you in March. - **Tom Zeller**

President's Challenge • Members select their choice of winner for the PC. During the break, review the items on the challenge table. Separate your ticket and write your selection (the number in front of each entry) on the back of the one marked "TICKET". Place it in the PC bowl. Your voting ticket will enter you in the door prize drawing.

In addition to the winner selected by the members receiving a gift certificate, an additional door prize ticket will be given to everyone that provides a PC entry. The PC tickets are a different color and will have the entrants name written on the ticket. Look for your name on those tickets. You will not need the matching stub for the PC ticket. **One PC entry per member; must be turned in the last 90 days.**



Vice President's Report • [Beads of Courage:](#) The Beads of Courage is a program for kids in need. BOC is a not-profit organization dedicated to improving the quality of life for children and teens coping with serious illness. The program integrates the use of beads as visible, tangible symbols of their experiences and treatment. Children



receive a bead for every test, procedure, or treatment they undergo. Woodturners donate boxes to hold the beads they earn. Details on requirements for the boxes can be found on the club web site. Suggestions for BOC bags can be found [here](#). Ceramic beads to attach to the boxes are \$1.25 (13/16" in diameter) and available from John. Bring your boxes (or bags) to the meeting and give them to John Hoeing. – **John Hoeing**



Treasurer Report • **Dues are due for 2022 membership.** Electronic membership applications and payments can be made on the website. If you prefer to complete and mail a paper [application](#), it is available and can be down loaded from the club website.



Renewing and new members are asked to complete the new application form. Club patches are available from the Treasurer for \$5. – **Charles Sapp**



Secretary Report • Feb 27th

Reports:

- **Old Business - none**
- **New Business**
 - Class with Paul Krautmann -April 2 & 3 see newsletter article for details.
 - Timberwolf Bandsaw Blades – group purchase being made on Feb 28 by Steve Massman. Contact him if you want to order.
 - Personalized Polo Shirt and Smock order options to be brought up later as supply chain opens. Several members expressed interest.
 - Show and Tell – several items presented by members; see items in NL article.
 - **Tips and Tricks**
 - President – warranty work and leaky pen
 - Suggests to upgrade to Parker refill

- Bottle stoppers that break between rubber and cork- use 2 part epoxy
 - Chrome will come off bottle stoppers with red wine- always order 304 stainless
 - Ruth Niles is a good resource for stainless steel bottle stoppers
- Paul Krautmann Demo – duplicating spindle work
1. Blank preparation – cut on table saw. Make sure two ends are perpendicular cut to squares of appropriate dimension. Use a planer to clean up any blade marks. Top and bottom must be precise 90 degrees.
 2. Mark center of each end. Use center punch to divot
 3. Center between headstock and tailstock. Tap through headstock to set
 4. Lay spindle on top with 2” of waste at top and bottom
 5. Mark one face only where shoulder ends and front bead starts
 6. Use a skew only with the long point straight up and down to make a V notch. Alternately can use a .5 inch spindle gouge
 7. Use a large roughing gouge to make a cylinder between top and bottom shoulders at the greatest dimension of the spindle measured by calipers at the highest points.
 8. Use the gap in the ways to make sure column is parallel
 9. After shoulders and column are turned, stop lathe and lay spindle back on top to check shoulders are even with template spindle and correct as necessary
 10. Use pencil to make marks on either sides of beads, coves, half coves, and fillets
 11. Turn on lathe and use pencil to make lines all round cylinder at those lines so that cylinder is marked into sections
 12. Measure fillet and half bead with calipers. Set another pair of calipers for diameter of next feature
 13. Turn cylinders of max dimension between lines
 14. Tip: tips of calipers should be rounded to be able to be used with lathe running.
 15. Transfer lines on to a “story stick” that you can use on the next spindle. Make small notches on the story stick to cradle the pencil in order to mark the next cylinder while the lathe is running
 16. Using a parting tool with a high angle negative rake:
 17. Parting tool in one hand and calipers in the other, turn section until cylinder is proper depth and cylinder passes through calipers
 18. Use parting tool to make grooves at proper intervals to mark top and bottom of each bead or cove to the maximum diameter of that section
 19. Note: beads and coves should have parallel tops and bottoms (shoulders) and use free hand on unshaped cylinder to brace against vibration of center of spindle
 20. Use parting tool to shape Turning from largest diameter towards small diameter.
 21. Turn off lathe to check feature against template make corrections as necessary.
 22. Make fillets at top and bottom of feature as necessary
 23. Transfer mark of largest diameter for next feature on story stick. Again use template to identify bottom of beads and coves
 24. Use parting tool to detail fillets, coves, and beads.
 25. Identify taper of longest feature, work towards the ends of the taper separately. When feature is approximate dimensions, blend.
 26. Test taper with calipers and adjust as necessary.
 27. Sand down to 120 grit if it is paint grade so it still has tooth to take paint
 28. Round off corners of bead and fillets if sharp, but be careful not to ruin the detail when sanding.

29. For a 36" spindle, Paul charges approximately \$70 apiece. He does not use a duplicating jig as he finds that most hand turned originals have more detail than a duplicating jig can produce.

- President's Challenge – Jerry Rymarquis was the winner with a cherry vase with oak leaves relief carved on the surface.

Submitted by Kathleen Osterwise, on behalf of Linda Osterwise, Secretary, WTSTL

Special Note: I was unable to attend in person, but the videography of the demo was well done, and came through clearly on Zoom. Thank you, members, for allowing us to offer this as an option for our meetings. I think the investment of time and money is worth it. - **Linda Osterwise**



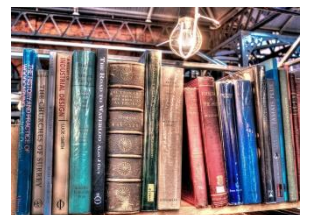
Library News • Our library is only open on Sunday at our club meetings and is open to all our paid members for checking out books, videos, and DVD's.

Two new issues of Woodturning Magazine

Our library is a great source of inspiration and knowledge. We typically have around 90 items checked out by members at each meeting. Members can access a complete listing content on the club website. Please take advantage of this wonderful club benefit and return items in a timely manner. The large meeting space allows me to spread out the material so you can review and check it out. Please let me know if you have any suggestions to improve our library. All of the magazines have been moved into storage, due to space limitations, with the exception of American Woodturner. Magazines are available upon request. – **Rich Hinkebein**

Librarian Help Needed at April Meeting • *Rich will not be able to attend the April meeting. We need a member to open and monitor the library at that meeting. If you can help, please contact Rich before the March meeting and shadow him at the March meeting to see how it operates and what needs to be done. Thanks.*

Overdue Library Material – Our library is suffering from the impacts of COVID. Members are requested to return material after a month or contact the librarian. Many of our items have been out for several months. If you are one of the guilty parties, please email Rich Hinkebein and let him know that you still have the items and make arrangements for return. Thanks.



Club News:

Dues 2022 • Dues are due for 2022. Application form is available on the club website and may be printed and returned with payment or completed on line with electronic payment.

New mebers• Please join me in welcoming our new members:

- Matt Johnson from Chesterfield, MO
- Dan Yanes from St. Louis, MO
- Ruth Grimes from St. Louis, MO
- Michael Macauley from Ballwin, MO
- Sharon McMillan from Williamsville, IL
- Bennett James from St. Louis, MO



St. Louis County / CJAP Covid Masking Policy • Effective August 24, 2021 CJAP required all individuals allowed in the building to show proof of COVID 19 vaccination. Face coverings (masks) are also required to be properly worn by all individuals while attending the WTSTL meeting. Remote Zoom streaming will be available. Visit our web site for the latest in health and safety guidelines. **We will provide an update as needed closer to each meeting – check the website.**

Community Programs • Please continue to work on these items and bring them to the meeting. For more information on these programs check the club web site.



1 Feathered friends for the nursing home by Rich Hinkebein.

Nursing Home Turnings – small boxes or bowls, ornaments, bird houses, feathered creatures – all are great items for this program.

Beads of Courage – boxes for storage of the patient's beads (see article in the NL).

Pens for the Troops – Kits are available from the club Treasurer for a \$3 deposit which is returned to you when a completed pen is returned for the program.



2 Bennett James with the pen he turned at the premeeting for the troops.

Positions to Fill •

- NEWSLETTER EDITOR – The editor is responsible for collecting articles, editing, and assembling the club newsletter.
- DEMONSTRATORS – Your help is needed to provide a demonstration at each of our meetings. The demo subject is your choice, whatever you enjoy doing – bowls, hollow forms, plates, boxes, pyrography, resins, stabilizing, tips and tricks, tops, contact John Hoeing to volunteer.

Woodturning Classes taught by Paul Krautmann Available in April •

- April 2, 2022 turning a lidded box and candle holder
- April 3, 2022 tool sharpening and turning a green bowl
- Class starts at 9am and go until 4pm with lunch taken between noon and 1pm
- Held at Barry Boeckstiegel's shop; 3601 Highway 61; Festus, MO
- Bring your own tools and safety equipment
- Cost is \$100 each day. Indicated what day(s) you would like to participate; make check payable to Show-Me Woodturners; mail to Tom Zeller; 79 Rue Grand Drive; Lake Saint Louis, MO 63367. Check is required to secure a place in the class.
- Limited to 10 students each day.
- Contact club President, Tom Zeller, for more information or any questions.

ZOOM• The club purchased a Pro Level account with Zoom so that we can host our meetings and other off-meeting events. Provided it does not conflict with any of our club events, the account can be used by members. If you would like to schedule a remote meeting send an email to webmaster@wtstl.com. Club events take priority.

Mentoring• The Board recognizes the value of hands-on and one-on-one instruction. Check the website for information on the mentoring program. It will be one turner at a time; you must provide your project, tools, and face shield; a mask must also be worn. Make arrangements with the mentors to participate. Several of our members have taken advantage of this opportunity and provided very positive feedback on the mentors knowledge and instruction.

Pen Kits for Sale / Proceeds donated to WTSTL• Tom Zeller is donating about 30 Penn State Industries CEO style pen kits to the club. These will be sold for \$5 each at (or before – contact Tom if you are interested) the March meeting. All proceeds will be donated to the club. Thanks Tom.



ZOOM Streaming Links NOT BEING RECEIVED • Our meetings will be streamed via ZOOM unless noted in the meeting information on the web page. We may even go live for the Pre Meeting for more interaction. All members should receive the ZOOM link during the week prior to the meeting. If you do not receive the link by the Thursday prior to the meeting, send an email to CWSAPP@CHARTER.NET requesting the link.



Calendar of Upcoming Events

Date	Pre-Meeting 11:30 am – 12:30 pm	Meeting 1:00 pm – 4:00 pm
March 2022	Tom Zeller will be demonstrating how to a build and turn a variety of top styles. You can also turn a pen for the troops (material furnished) or bring your own project and tools for mentoring	Keith Buxton – Turning a bowl from a board
April 2022	Pens for the troops (material furnished) or bring your own project and tools for mentoring	Michael Blankenship demonstrates turning a copper lidded bowl.
May 2022	Pens for the troops (material furnished) or bring your own project and tools for mentoring	Steve McNeil and Michael Blankenship demonstrate segmented turning.
June 2022	Pens for the troops (material furnished) or bring your own project and tools for mentoring	Jeff Hornung – Basket weave platter

Newsletter Pictures of Show and Tell / President's Challenge Items • For better pictures and appreciation of your work, please submit pictures of your turnings to cwsapp@charter.net by the Friday prior to the next meeting. Include the species of wood, finish, size, and any comments. They will be included in the PowerPoint presentations that can be viewed by members at the meeting and on the remote stream.



But please, continue to bring your turning for Show and Tell and the President's Challenge to the meeting for display and judging by the members. A form will be provided for you to provide information on your turning, please complete it as information will be used by the editor for the newsletter.

Shopping with Amazon Smile • Thanks to those that are using Amazon Smile for their orders and selecting **Woodturners of Saint Louis** as their charity. We are receiving quarterly donations from the Amazon Foundation thanks to them and you. There is no added fee when you make your order and it does help the club.



When you shop on Amazon, please consider shopping on <https://smile.amazon.com>. Just under the search bar is a link to "Supporting". Follow the links to select your favorite charity. We hope you will select **Woodturners of Saint Louis**. You will need to shop on the **smile site** for a donation to count.

Video Events ●

- Past demonstrations are available on the [club website](#) under the demonstration tab.
- Paul Krautmann – [Production Spindle Turning](#)
- Jeff Hornung – [Turning a top](#)

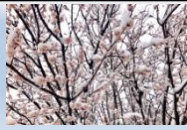
Vendor / Sponsor Discounts ● Check the website for vendors that offer discounts to club members. When shopping at Rockler in Bridgeton, ask them to register your purchase with the WTSTL as they provide gift cards to the club for door prizes after a number of purchases.

Facebook site ● Check out the club Facebook page:

<https://www.facebook.com/pages/Woodturners-of-St-Louis/292734664135601> and “Like” the page (click on the “Like” icon) to receive updates. You can also post your pictures on this site.



Facebook Group ● Our club has a Facebook group that is a great way to post pictures of your work, provide tech tips, and share ideas. When you go to the site: <https://www.facebook.com/groups/1157348070957128/?fref=nf> click on “Join” and your request will be processed by our Facebook administrator. It is a closed group and only seen by members.



February Hybrid Show and Tell



Turner: Wayne lehl

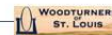


Wood: Maple with inlay

Size: 10" x 2.5"

Finish: Walnut oil

Comments:



Turner: Wayne lehl

Wood: Maple

Size: 8" x 2"

Finish: Lacquer

Comments: Maple leaf shaped bowl





Turner: Wayne Iehl

Wood: Oak

Size: 10" x 2"

Finish: Lacquer

Comments: Oak leaf shaped bowl



Turner: Wayne Iehl

Wood: Sycamore

Size: 10" x 2"

Finish: Lacquer

Comments: Sycamore leaf shaped bowl





Turner: Murray Meierhoff



Turner: Murray Meierhoff





Turner: Jerry Rymarquis

Items turned from cut offs.



Turner: Jerry Rymarquis

Wood: Cherry

Comments: Relief carved leaves on turning. February President's Challenge winner for enhancement technique.



Turner: Charles Sapp

Wood: Bass Wood

Size: 4" x 2"

Finish: Lacquer and gilding wax

Comments: Woodburned pattern to simulate basket weave based on demo by Troy Grimwood during Woodturners Worldwide Online Symposium. Heart was natural feature in the wood.



Turner: Paul Krautmann

February demonstrator of spindle turning techniques.





Turner: Ken Bald



Turner: Tom Zeller





Turner: Doug Grissom



Turner: Karl Ernst



**Show and Tell items are now featured on a
slide show on the club website home page.**

Check it out!

www.WTSTL.com

Web site● The URL is WTSTL.com. If you have issues or questions, contact the web master. **Items submitted for the Show and Tell are now being displayed on the home page of the web.** Provide Charlie Sapp with good quality pictures (640 x 480) of your turnings for Show and Tell!

If you enjoy turning wood, making things on your lathe or want to learn more about woodturning then join the [Woodturners of St. Louis](http://www.woodturnersofstlouis.org). Learn and share ideas with like-minded Woodturners of St. Louis. Our chapter normally meets from 1:00pm to 4:00 pm on the fourth Sunday of every month at 8300 Valcour Avenue, St. Louis, MO.

American Association of Woodturners● WTSTL is one of 350+ worldwide chapters of the American Association of Woodturners. We encourage you to join this organization. The AAW is dedicated to providing education, information, and organization to those interested in woodturning. You can join the AAW at their site: <http://woodturner.org/member/MemberLogOn.asp>.

Membership comes with access to on-line training information and includes a subscription to the *American Woodturner* magazine. Our club is a chapter of the AAW and we encourage all club members to join the AAW. They have been publishing a great series of on-line woodturning training articles for members that are worth the price of membership by themselves. They have also indexed all of the past AAW magazine articles so you can search and find help with most any issue you have or ideas on your next project.

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