

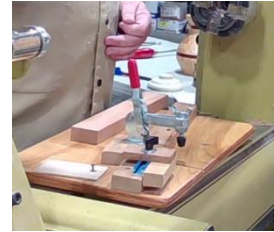
WOODTURNERS OF ST. LOUIS

A Chapter of the American Association of Woodturners

WTSTL.com
May 2022



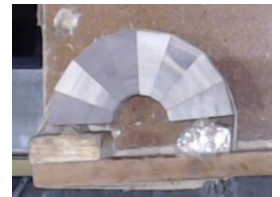
May Demonstrator Steve McNeil – Segmented Turning The first step is to decide how many segments will be used for each ring. This determines the cut angle. (Steve pointed out that since Michael is blind his patterns have holes so that he can know the number to cut.) The size of the segments is determined by the shape of the item and the diameter of each ring. There are several sources to determine this information online (check the WTSTL library of [demonstrations](#) for detail sizing information.) Steve typically



uses a 24 inch long two inch wide strip for the pieces. The extra width provides material for design changes. Using the pattern piece and a jig, the pieces are cut on a table saw. Flipping the blank after each cut minimizes waste. A quick touch up of the edges and the segments are ready for glue up.



The glue up jig has a fixed and movable rest to accommodate various diameter rings. Segments are glued up into half rings. Rubber bands ($3 \frac{1}{2}'' \times \frac{1}{2}''$) are stretched over the segments to provide pressure. The segments are pressed firmly to the surface to keep them flat. Five or six jigs are used so that multiple rings can be constructed while the glue is drying. After a few minutes they are set enough that the half rings can be removed and set aside for final drying. The dried half rings are then touched up on a sander so the face is

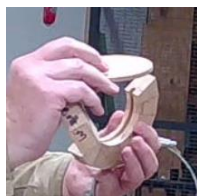


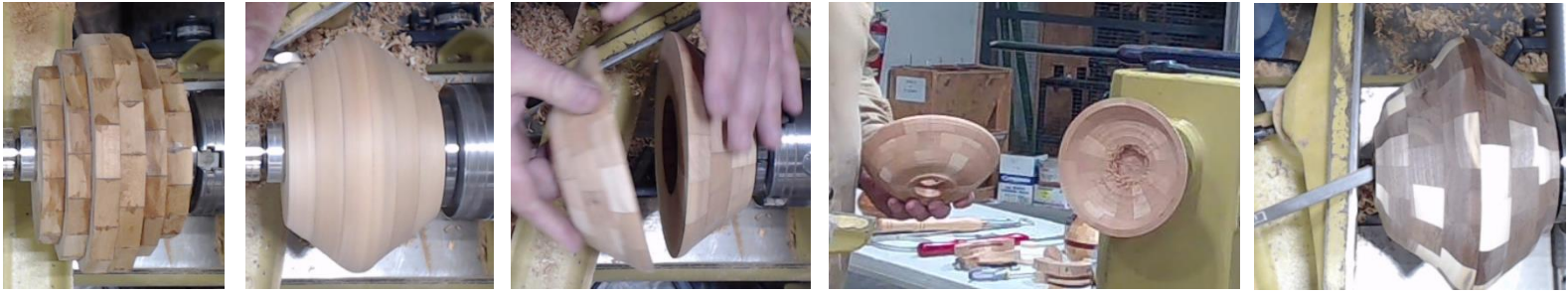
square and complete rings are glued up. A sander or disk with sandpaper can be used to flatten the faces and remove any glue that squeezed out.



A recess is turned in the top ring and attached to the headstock. Glue is applied to the faces and the next ring is attached using the tail stock to center and apply pressure.

A floating insert is used for the bottom to alleviate issues with cracking due to expansion or humidity. After gluing up the bottom ring segments and opening the center with a parting tool, a groove is cut with a router. A disk is then turned to fit the recess and the ring glued together leaving the disk to float.





For deep vessels or those with small openings, multiple rings can be glued up and then turned. First, shaping the outside using a friction fit between sections and then shaping the inside of each section. A small ridge is left at each of the intersections to facilitate gluing and then removed to give a smooth intersection on the inside.

Multiple coats of wipe on Poly is typically used for finishing. Finish is also applied to the inside.

Our thanks to Steve McNeil for a great demonstration on segmented turning. A video of Steve's demonstration is available on the [WTSTL YouTube channel](#) and will be added to the club library.

WTSTL Hybrid Meetings● Each meeting lets us improve and address new issues with our hybrid system. Online members were issued a ticket for door prizes. You will be notified if you are a winner. 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.

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

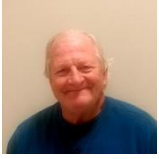
Please mute yourself during the meeting as any background noise overpowers the demonstrator and puts you in the demo screen.

Please send Rob and Charlie an email with any suggestions. We monitor the chat but texts, 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.

Pre-Meeting Demonstrator● This is an opportunity for members to mentor and lead a demonstration. Contact Tom Zeller to volunteer.

Website● Electronic membership to the WTSTL is 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 JUNE is to turn a wooden top. For the challenge we will have two categories, Cat A tops that can be spun by hand and Cat B tops that can be spun with a mechanical tool.

If you are a new turner (or even an experienced turner) looking for help or needing a question answered, contact me and we will get you to someone that can help. Members will be directed to a Mentor.

Our demonstrator for June will be myself and I will demonstrate turning a platter. We currently have three (3) open demonstration dates August through October. If you are interested in doing a demonstration for the club, please see me or John Hoeing.

CRAFT SHOW 101

I left something out last month about selling items you make. You need to know your market/customers. Are your customers willing to spend money or are your customers on a tight budget. Matthew Hill told a story in a class I took with him about going to a craft show in Oklahoma City. He had brought a lot of expensive items for sale. The vendor next to him had pottery items and cups called "Fart Mugs". That vendor sold them for \$20.00 and sold out. Matthew sold one lidded box for \$80.00 and that was the only item he sold all day. The morale of the story is that you need to know your market/customer base. Are you at a craft show or do you have your items in a high end gallery/consignment shop?

HEALTH AT THE LATHE: WORK COMFORTABLY AND SAFELY AT YOUR LATHE.

1. Wear eye and face protection and set a good example for others.
2. Wear a dust mask/respirator, dust from turning, or sanding is Bad Too the Bone and it is bad for your lungs. Set a good example wear respirator/dust mask. Install an air cleaner in your shop. Install a dust collection unit at your lathe. Open windows or doors to your shop to add fresh air.
3. Position your body at the lathe. The spindle/tail cone should be at elbow height, so you are not reaching up or not bending over. This helps prevent fatigue and back pain and helps with tool control. Use pads or a riser if your lathe is too tall. Stiff foam or I have some horse pads that I have used as they are very stiff. Make sure you have good lighting in your shop as well as at your lathe.
4. Footwear, wear closed toe shoes. NO OPEN TOED SANDALS. Use foam/gel/fatigue mats to help reduce fatigue. Keep you posture relaxed and upright with tools next to your body. Take stretch breaks, especially after hollowing an item because generally you have been bent over. Shift your weight from foot to foot as you control your tool movement. Pace yourself.

5. Shoulder, elbows and hands. Use the whole body to turn. Use a relaxed grip no white knuckles. Use overhand and underhand grip to keep from abusing your hands. Frequent changes of posture are good. It keeps from fatiguing one group of muscles. Try to reduce tool overhang on your tool rest. Use your hands together for control and to minimize impact to your joints. Don't use your hands as a hammer, use a mallet. Lubricate your lathe bed for easy banjo and tail stock movement.

THINK SAFETY AND COMFORT. - **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 following the challenge.**

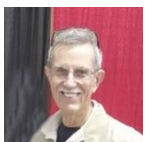
The PC for May is to turn a top of any style. A contest for longest spin time will be held during the break. Multiple categories may be open depending on the mechanism used to initiate the spin.



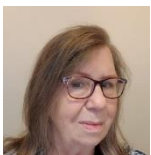
Vice President's Report • [Beads of Courage:](#) The Beads of Courage is a program for kids in need. BOC is a not-profit organization dedicated to improving the quality of life for children and teens coping with serious illness. The program integrates the use of beads as visible, tangible symbols of 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• The attendance for our May meeting was 27 in person and 8 online.

We opened the meeting with Charlie Sapp (Treasurer), substituting for John Hoeing (Vice President), substituting for Tom Zeller (President), who was unavailable for the meeting. Charlie discussed several topics:

- Dave Baer has two lathes available, each of them might need a little work, but contact him for more information.

- The AAW Symposium will be in Chattanooga from June 23rd to June 26th this year. Check the AAW newsletter for more information.
- The St. Louis Pen Show is also June 23rd to June 26th at the Westport Chalet Hotel. This show focuses on a large variety of pens including pens turned on a lathe. The daily cost for attendance is \$5.00.
- Don't forget our Community Service Projects: Beads of Courage, Pens for the Troops, and Boxes for Nursing Homes.
- Next month's demonstration (June 26th), Tom Zeller will be turning a platter.
- The July 24th meeting demonstration will be by Jeff Hornung. He will be demonstrating a basket weave platter/bowl. He will also bring some of his finishing products for purchase so that members can save shipping costs on needed products.
- The September 25th meeting will be a picnic, tentatively scheduled to be held in the parking lot of the CJAP building. After the picnic the Comet lathes will be available for turning Pens for the Troops or other projects.

As April's demonstration by Michael Blankenship was to create a bowl with a copper top, the challenge for May was for the members to do the same or create a bowl with an inset lid. Many members took up the challenge and we had a great selection of lidded bowls to vote on. The winner of this month's President's Challenge was Michael Blankenship himself for submitting a copper lidded, natural edged bowl. Wayne lehl also showed us several lidded bowls he created by converting CD disks, with and without the silver coating, as well as using a 45 record for a lid, and using a glass lid from a now extinct corning-ware type bowl (great options for re-purposing resources).

This month's demonstration was given by Steve McNeil and assisted by Michael Blankenship on their process for creating segmented vases, etc. Steve showed us how to make a table saw jig for cutting the angles consistently. He also explained his sanding, gluing, and finishing processes. As with everything that Michael Blankenship is involved in, the comment, "Easy enough for a Blind Man to do," did not go unnoticed.

President's Challenge for June – Turn a top. A contest will be held to select the top with the longest spin time. Multiple categories may be established depending on technique used to initialize the spin.

The meeting was brought to a close. - 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.

New material: Video on Copper Lidded Bowl by Michael Blankenship
Video on Segmented Turning by Steve McNeil

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

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.

St. Louis County / CJAP Covid Masking Policy • Masking and proof of vaccination is no longer required at CJTF. We will provide an update as needed closer to each meeting if the situation and requirements change. Check the website for any updates.

Upcoming Events •

- * AAW Symposium in Chattanooga, TN on June 23-26, 2022
- * St. Louis Pen Show on June 23-26, 2022 at Sheraton Westport Chalet Hotel; www.stlpenshow.com

Tips and Tricks•

- Wayne lehl described how duct tape can be used to remove the cover on a CD to leave a clear plastic disc for lids.
- If you ever take the jaws out of your chuck, be sure to reinsert them in the proper slot and then close them completely to insure they all align. If not, do it again!



- Want to use a CD for a box lid and it's too big – forget it. They do not turn down in size easily. Even with a backer disk they are hard, fragile, and prone to flying apart while turning.



September meeting • Ken Bald will be our brat and hot dog chef at our “picnic meeting”. Weather permitting we will have social time in the parking lot and then have free time turning on the Comets in the building. More information will be forthcoming.

Two lathes available (free)• Contact Dave Baer (davebaer@att.net or 314.265.4712) for more information if you are interested.

Sears and Delta Rockwell – some repair may be needed.



Senior Day at the Old Capital in St. Charles• Due to a fire in the building and work on the front sidewalk the event was moved outside. Steve Reynolds and Rich Hinkebein discussed the operation of the pole lathe and old tools to participants and others tried their skill at soap carving with Charles Sapp.



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.

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

Beads of Courage – boxes for storage of the patient’s beads (see article in the NL) – give your items to John Hoeing.

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 – get your kits and return completed pens to Charles Sapp.

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.
- **Audio / Visual Team** – Support is needed to help set up, monitor and understand the system for backup. Talk to Rob Conaway to volunteer.

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.

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.



Tax Deductions● The Woodturners of St. Louis is a 501 (c)(3) charitable organization. Donations may be tax deductible. Donate up to \$100,000 annually from your IRA directly to a qualified charity through a [qualified charitable distribution](#). (As long as certain rules are met-such as you're at least 70½ when making the gift, and the check is payable directly to the qualified charity-then the distribution shouldn't be taxable income.)



Calendar of Upcoming Events

Date	Pre-Meeting 11:30 am – 12:30 pm	Meeting 1:00 pm – 4:00 pm
June 2022	Pens for the troops (material furnished) or bring your own project and tools for mentoring	Tom Zeller – platter turning
July 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.

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.

Video Events •

- **The Woodturners of St. Louis now have a YouTube channel. On it you will find many of our demonstrations. To find the videos – go to [YouTube.com](https://www.youtube.com) and search on Woodturners of St. Louis.**
- Past demonstrations are also available on DVD in our library and listed on the website demonstration tab.
- Videos on turning tops:
 - <https://www.youtube.com/watch?v=FNGOA5JDKs0>
 - <https://www.youtube.com/watch?v=ZRGkjqvqKMjw>
 - <https://www.youtube.com/watch?v=wpjoqm7kJdQ>



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.

May Hybrid Show and Tell



Turner: Bob Goulding

Wood: Mesquite

Size: 6" x 3"

Finish: Watco Danish Oil
then buffed with Beale
system.

Comments: Lid is ~3/4"
deep.

WOODTURNERS
ST. LOUIS



Turner: Bob Goulding

Wood: Mesquite

Size: 6" x 3"

Finish: Watco Danish Oil
then buffed with Beale
system.

Comments: Lid is ~7/16"
deep.

WOODTURNERS
ST. LOUIS



Turner: Rich Hinkebein

Wood: Maple and Cherry
with African Blackwood finial

Size: 6" x 6.5"

Finish: Teak oil then buffed
with the Beale system

Comments: Open segmented
turning.



Turner: Rich Hinkebein

Wood: African Afzelia

Size: 6.25" x 6"

Finish: Teak oil then buffed
with Beale system.

Comments: Square bowl





Turner: Linda Osterwise

Wood: Curly Maple

Size: ~5 1/2"

Finish:

Comments: Acid-etched the inside of the copper lid



Turner: Wayne Iehl

Wood: Red Cedar

Size: 5" x 8.5"

Finish: Poly

Comments: Chalice with copper lid





Turner: Wayne Iehl

Wood: Walnut

Size: 6" x 6"

Finish: Poly

Comments: Jar with copper lid in a wood rim.



Turner: Wayne Iehl

Wood: Walnut

Size: 6" x 5"

Finish: Poly

Comments: Pedestal bowl





Turner: Wayne Iehl

Wood: Walnut

Size: ~6" x 6"

Finish: Lacquer

Comments: Lid made with 45rpm record



Turner: Wayne Iehl

Wood: 2-Box Elder and 1-Walnut

Size: ~6" x 3"

Finish: Poly and Walnut Oil

Comments: Lids made from CDs





Turner: Wayne Iehl

Wood: Birch

Size: ~8" x 6"

Finish: Walnut Oil

Comments: Lid from old
crock pot



Turner: Karl Ernst

Wood: Unknown

Size: ~4" x 3"

Finish: Lacquer

Comments: Copper lid with
acrylic knob





Turner: Steve Reynolds

Wood: Cherry

Size:

Finish:

Comments: Copper lid with antique finish



Turner: Steve Reynolds

Wood: Cherry

Size:

Finish:

Comments: Copper lid





Turner: Jerry Rymarquis

Wood: Multitude

Size:

Finish:

Comments: Segmented turning from cut offs and scraps.



Turner: Danny Hill

Wood: Cedar

Size: Various

Finish:

Comments: Copper lids and copper powder used for band on box





Turner: Danny Hill

Wood: Cedar

Size: ~6" x 3"

Finish:

Comments: Copper lid



Turner: Steve McNeil

Wood: Cedar

Size: 7" x 3"

Finish: Wipe on Poly

Comments: Copper lid





Turner: Michael Blankenship

Wood: Maple burl

Size: 7" x 4"

Finish: Wipe on Poly

Comments: Copper lid with
Osage Orange Knob.

Winner May President's
Challenge



Turner: Charles Sapp

Wood: Eastern Red Cedar

Size: ~4" x 4"

Finish: Lacquer

Comments: Aluminum lid
(Fascia) painted with
hammered copper paint





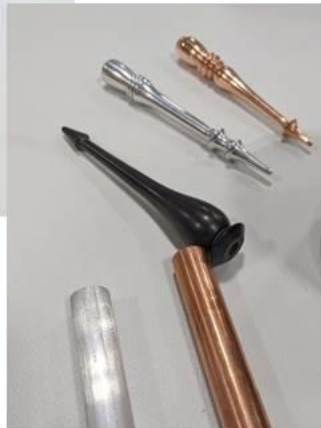
Turner: Charles Schrock

Wood: Black Palm

Size: ~4" x 4"

Finish: Poly

Comments: Finials
turned from blackwood,
copper bar stock and
aluminum bar stock



Turner: Becky Blankenship

Wood: Mulberry crotch

Size: ~7" x 3"

Finish: Teak Oil

Comments:



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.woodturners.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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