



# Minnesota WoodTurners Association

A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS

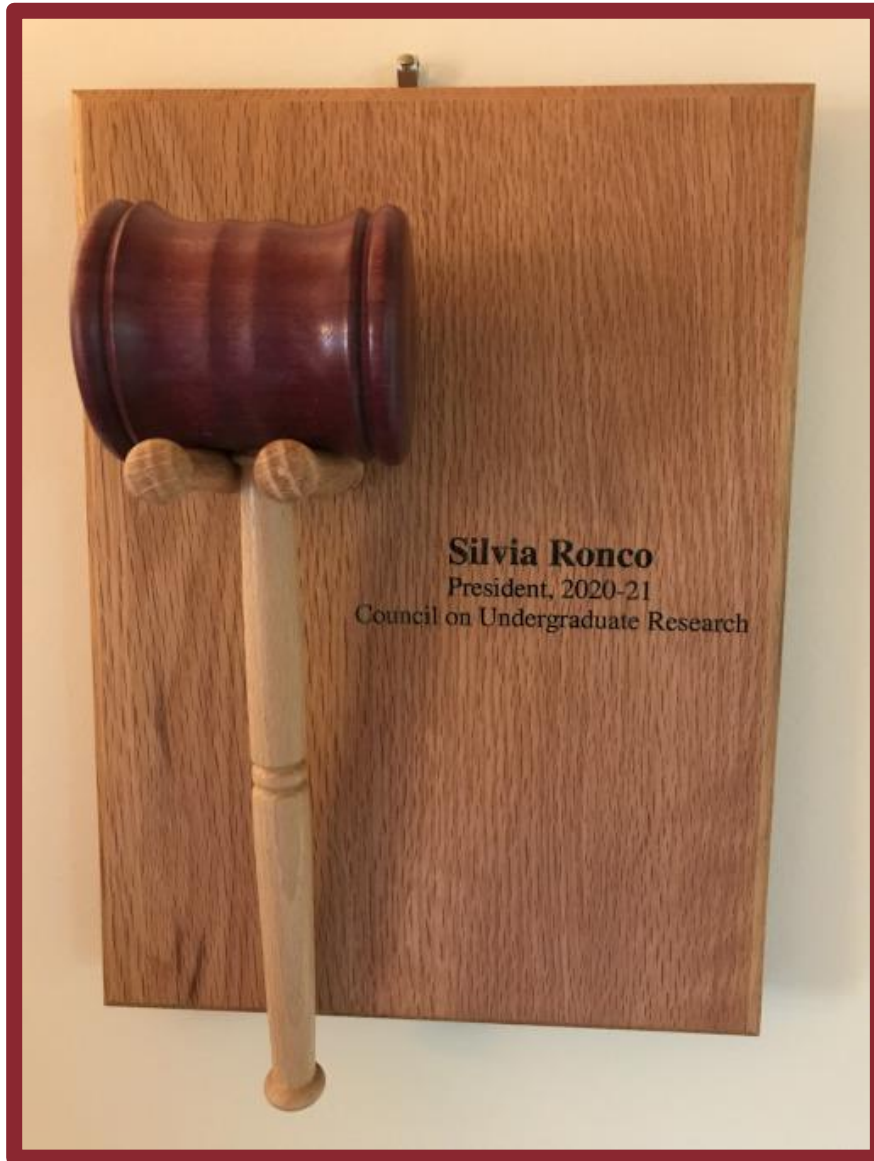
**AAW** | AMERICAN ASSOCIATION  
OF WOODTURNERS

Mini Newsletter No 13



# Instant Gallery

Bill Campbell



I make one gavel per year for the president of the Council on Undergraduate Research. (When I was elected, many years ago, the old gavel had disappeared, so I made one and a tradition was born.) Gavel is purpleheart and maple, plaque (9 x 12, made by Laser Magic, Hudson) and pegs are oak.



## Instant Gallery (cont'd)



Maple box with walnut lid insert



Spalted maple, walnut, hickory, alder, purple heart

Don Schlais







Companion urn to the one Jane made for her sister (p.2, issue Mini # 7)

## Instant Gallery (cont'd)

### John Campbell

Segments are walnut and red grandis or plantation-grown eucalyptus. Finished with homemade Danish oil. Segments were cut with Jim Jacobs' Super Simple Segmenting System. It has a cherry foot.



Mesquite with wormholes stabilized with Cactus Juice stabilizing resin. Finished with homemade Danish oil. Kit from Craft Supplies.





Linda Ferber

**Instant Gallery (cont'd)**



My brother takes daily pictures of birds. His partner posed as a cardinal, so I made a little red birdie for them.



Little Red Birdie



This is a set of six tool handles made by MWA board and members to donate to the AAW Virtual Symposium silent auction. Everyone did an awesome job! Check out the bidding on the AAW Symposium website.

From top:

Rick Auge	Spectaply
Janese Evans	Cocobolo
Linda Ferber	Maple
Lee Luebke	Ash
Jeff Luedloff	Ash
Dick Hicks	Bloodwood





Rusty Ogren

## Instant Gallery (cont'd)



It's not turning, but I also made a coffee table out of walnut slabs and resin.

Resin and wood cutoffs and pinecones.





# Tips For Turners

From a member concerned about not contracting COVID-19

I went to the Home Depot in Richfield to get some stuff I really needed, and it was quite upsetting to see dozens and dozens of both employees & customers wandering around the store with no masks! So, I left immediately without buying anything. I went over to Menard's hoping not to find the same and, glad to say, I did not! Menard's had a guard at the door making sure no one was allowed to enter without a mask and signs that limited the number of customers allowed in at a given time. Looking around I saw 100% of the employees and customers all wearing masks. So, I bought all my needs there and that is the only store that I will buy at until this COVID-19 threat is over.



# Tips For Turners

Dan Ernst

I sometimes use a glue block to hold my turnings and I have been using hot melt glue as a quick, easy and instant (cuz I have no patience) adhesive. I have had zero failures using hot melt glue.

The problem is that the glue re-melts when you part off the piece and sticks ferociously to your cutting tool. This stuff is usually almost impossible to remove from your tool and you don't want to gum up that expensive CBN wheel when you sharpen.

So, I found that alcohol releases the glue from the steel (accidentally spilled my gin & tonic and was amazed). Don't use the expensive adult beverage alcohol, use denatured alcohol, cheaper,  
**BUT YOU CAN'T DRINK IT.**



# Tips For Turners

Todd Williams

I have been turning pieces of white oak from a huge limb, which fell off my tree last year. They are quite green. While turning, I noticed the lathe bed began rusting from the oak shavings. I had to keep cleaning, oiling and waxing the ways to keep the rusting under control.

This problem was especially bad when turning a hollow form, where the shavings were noticeably damp. I was not able to find anything on the web (after a brief search) about the pH of white oak but it must be fairly low (acidic). Perhaps there is not a problem with kiln dried white oak.

I have not had that problem with turning green birch, aspen, walnut, maple or pine. A word to the wise: Be careful with green white oak and your lathe bed.





# More On the Persian Clubs

Jane Hilary

When I was reading about the heavy clubs that Todd Williams made for Ben Wales, (mini newsletter.11) thought about my experience. I have some first-hand info about the origin and current use of the clubs.



I was in Iran, as a tourist, in the fall of 2017. The trip was mostly about the archeological sites, but we did see other things dealing with the culture. One evening in Isfahan (I think) we went to a club that our guide called the Strong Man's club.

# More On the Persian Clubs

Jane Hilary

The members of the club combined dance with weights by swinging the very heavy clubs to music with a very heavy drum component.



Members would step up and do some solo work and then go back into the group. For the most part they were pretty muscular and agile and probably in their 20-40's.





## More On the Persian Clubs

Jane Hilary

They also accept new members, who generally are quite young; they also get a chance to do some solo work. Their main purpose is not to learn the art so that they can do shows for tourists. It appears that there is a lot more history and camaraderie involved but a couple of shows a week is a good way to earn money for the club and get the interest of people.



Jane, in her modest clothing, standing on the roof of a historic village that is being rehabbed (in a good way).





## Problem with "Branded" Area

I have a question for "ask an expert". I branded, sanded and applied General Finish - Wood Bowl Finish to this bowl. About 4 coats. After I add finish to the branded area, I get what you see below. I have already tried sanding between coats with no success. Is there something else I should be doing?

Martin Young



I have the most trouble sanding and finishing end grain on red cedar pieces. The surface stays dull for numerous coats of finish. I recently looked at a bowl that I thought I had finally gotten satisfactorily finished with wipe-on poly a couple of months ago. I was surprised to see patches of sticky material that appeared to be uncured varnish that had bled out . With other species I have tried acetone-based wood hardener on the end grain, and it seemed to work. I've used slightly diluted lacquer on end grain and let it dry for a short time before continuing to sand. Any suggestions for difficult end grain, especially on red cedar?

**Mike Rohrer**



## Things to Think About

1. If poison expires, is it more poisonous or is it no longer poisonous?
2. Which letter is silent in the word "Scent," the S or the C?
3. Do twins ever realize that one of them is unplanned?
4. Why is the letter W, in English, called double U? Shouldn't it be called double V?
5. Maybe oxygen is slowly killing you and It just takes 75-100 years to fully work.
6. Every time you clean something, you just make something else dirty.
7. The word "swims" upside-down is still "swims"
8. 100 years ago everyone owned a horse and only the rich had cars. Today everyone has cars and only the rich own horses.
9. If you replace "W" with "T" in "What, Where and When", you get the answer to each of them.
10. At a movie theatre, which arm rest is yours?





### **Things to Think About (cont'd)**

11. If people evolved from monkeys, why are monkeys still around?
12. Why is there a 'D' in fridge, but not in refrigerator?
13. Who knew what time it was when the first clock was made?
14. Wonder why the word funeral starts with FUN?
15. Why isn't a Fireman called a Water-man?
16. How come Lipstick doesn't do what it says?
17. If money doesn't grow on trees, how come Banks have Branches?
18. How do you get off a non-stop Flight?
19. Why are goods sent by ship called CARGO and those sent by truck SHIPMENT?
20. When two airplanes fly close to each other it's called a near miss. Shouldn't it be called a near hit?

**Thanks to Fred Schmoll**



# Virtual MWA Meeting

## June 6, 2020

Pres. Lee Luebke started the meeting with some announcements. The first was that today is Gordon Fay's 96<sup>th</sup> birthday. Congratulations, Gordon!! The day's demo will be recorded and a link will be posted to the MWA website. The MWA meetings will be "virtual" meetings for the remainder of 2020.



Gordon Fay

Happy 96<sup>th</sup>  
Birthday, Gordon.  
May you have  
many more



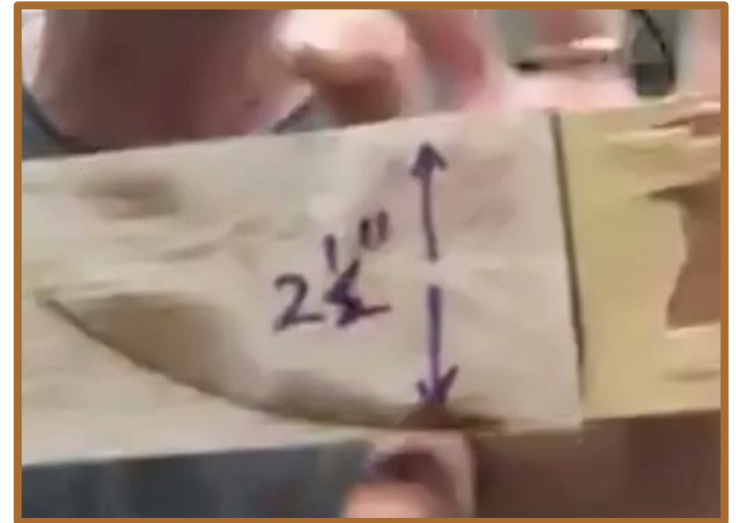
Robin Costelle, a Kentucky woodturner, did the demo for the June 6 MWA virtual meeting. Robin began by emphasizing that he is not a professional woodturner but enjoys doing demonstrations. He definitely favors in-person rather than virtual demos. Robin stated that his demo was for a simple project, the turning portion of it taking less than an hour.



He has found that people really enjoy receiving this holiday ornament bell for a present. It is a simple project that does not require any math or absolute measurements like most segmented turnings.



You start with a laminated board. Robin suggests using as many layers as possible and incorporating veneer.

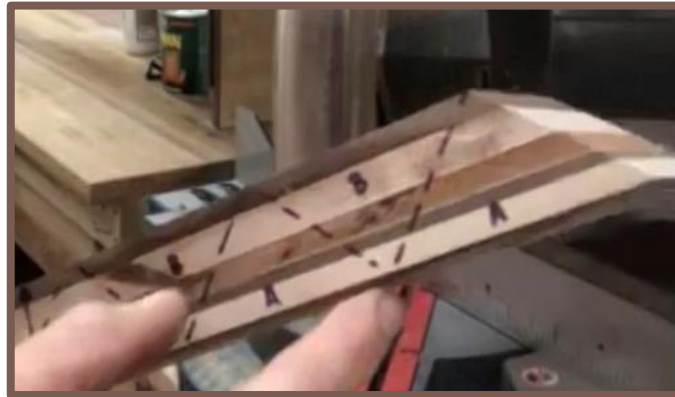


The general measurements for the laminations needed are  $2 \frac{3}{4}$ " wide and  $2 \frac{1}{4}$ " high. The laminations should be  $1 \frac{1}{2}$ " wide. He always makes 2 at a time (he'll explain that later) so for the 2, the laminated pieces should be 3" wide.



Robin suggests we look at his one-page website, [robincostelle.com](http://robincostelle.com). At the bottom of the page are tutorials, which include this hanging bell holiday ornament.

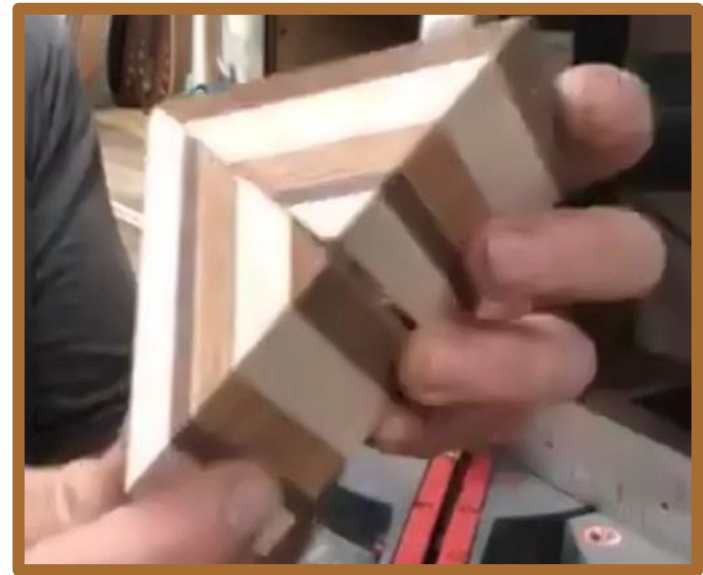
To make the laminated boards he planes the boards, does not sand them, and uses lots of clamps. Robin uses Titebond original glue.



Robin uses a chop saw to cut the segments at about 45 degrees. He'll draw triangles on the laminated boards and alternately label them "A" and "B". You'll end up with 4 "As" and 4 "Bs" to make 2 bells. He marks the length of the segments with a magic marker on the fence so that there is a slight flat area on the top of the resulting triangle piece.



Every other piece will match for making the square blank. You can cut the last piece with a bandsaw if you haven't enough for safe holding on the chop saw. He staggered the pieces at 45 degrees so he didn't have waste at the end.



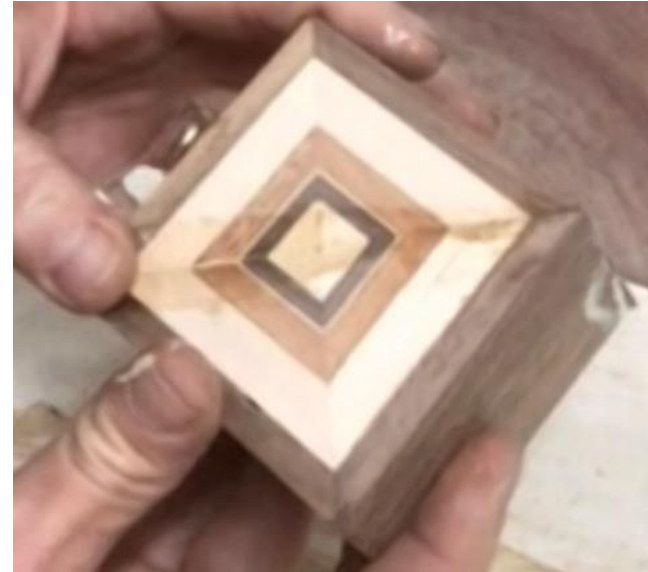
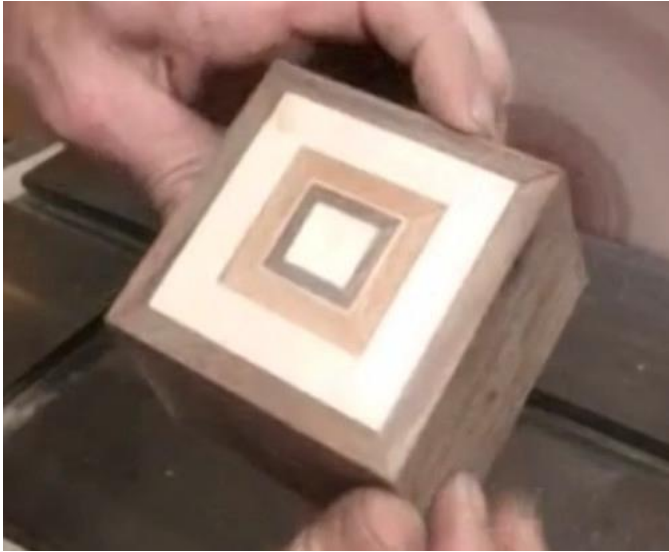
Sanding: You will end up with 2 bells that are completely different so when you are sanding have them matched up. Get as close to 90 degrees as possible. Sand just 1 side of each block. Glue the sanded edges together; the veneer helps to line up both sides. Do not clamp them together, it will cause slight sliding; just rub the joint.



You now have 2 sides of each block to make the bell. Set them aside to cure overnight. The next day sand the sides to touch them up and then glue together the 2 flat sides. Stick them together by rubbing the joint and let the joint cure overnight without clamping.



Next, sand both sides and make sure everything is nice and clean. If there is a difference between the quality of the alignment of the boards from one side to the other, the less accurate side should be marked to be used as the bottom of the bell (the center of which will be turned away). The best alignment should be the top.



Make an exactly square waste block smaller than the square but thick enough to be wider than the chuck jaws, which will be used for clamping in the chuck. Glue this without clamping to the face of the square that will be the top of the bell.

## Turning



Most importantly, do not chip the corners. You can round the corners on the bandsaw to help prevent this. Mount the waste block so that it hits the bottom of the chuck. This is why it should be thick enough to keep the bell away from the jaws to facilitate shaping the top of the bell.





Bring up the tailstock. At the beginning just try get it round. The difficulty with the segment turning is that each segment has unsupported end grain. Robin does 90 percent of his turning with a very sharp spindle gouge.

Cut angles at the bottom. Make the diameter just  $2 \frac{3}{4}$ "; you'll need this for chucking later. Get rid of a lot of the wood with the bowl gouge. Robin uses the spindle gouge for the final shape cutting with a fine touch and very high speed.

Robin Costelle

## Virtual Demo

### Shaping the Outside

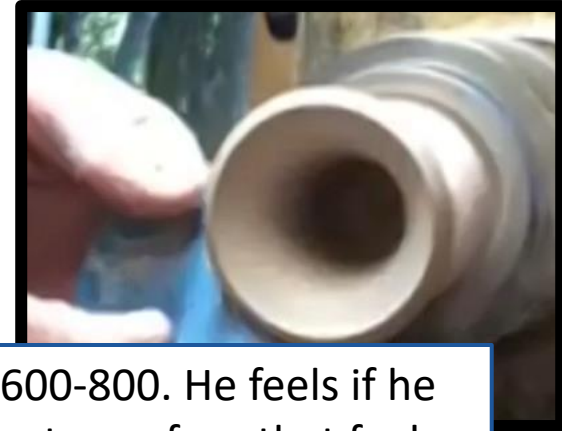


Robin Costelle

## Hollowing the Inside

Robin starts with the spindle gouge and works to the final thickness, which can be anything, but  $\frac{1}{4}$ " seems thick and  $\frac{1}{8}$ " seems thin. Use the tools you're comfortable with. He turns at about 2000 rpm.

## Virtual Demo



Robin sands the inside to 600-800. He feels if he sands to this level he can get a surface that feels like "glass." He finishes with lacquer. As soon as he applies the lacquer he wipes it off while the bell is spinning.



Finishing the outside profile





Robin then finishes the outside profile and the top using the spindle gouge. He chucks it using a collar made from PVC which has a split so it will accommodate slightly different sizes and tighten around the bell. The bell will wobble slightly, but that's OK.

## Parting off

You can use a bit of the waste block on the top if you want to. Turn down the speed and machine sand the outside of the bell. He cuts a hole in the top to receive the handle with a ¼" Forstner bit.





The handle should be a light color so it doesn't get lost in the green of the tree. It doesn't have to be the same wood as the bulk of the bell. It is not a delicate finial; it should not be too thin. The length doesn't matter; a shorter handle works better hanging on the tree. The post should be long enough to extend into the bell so that the "jingle bell" can be attached.

## Virtual Demo



To accurately cut the post of the handle, Robin uses a  $\frac{1}{4}$ " open end wrench that's been sharpened. Drill a  $\frac{1}{16}$ " hole to attach the wire holding the "jingle bell."

Robin Costelle



## Virtual Demo



Robin finishes with lacquer with some precautions. Thin the lacquer a little bit, wipe it off immediately and have a can with water so the paper with the lacquer can be immersed immediately in the water to prevent a chance of fire.

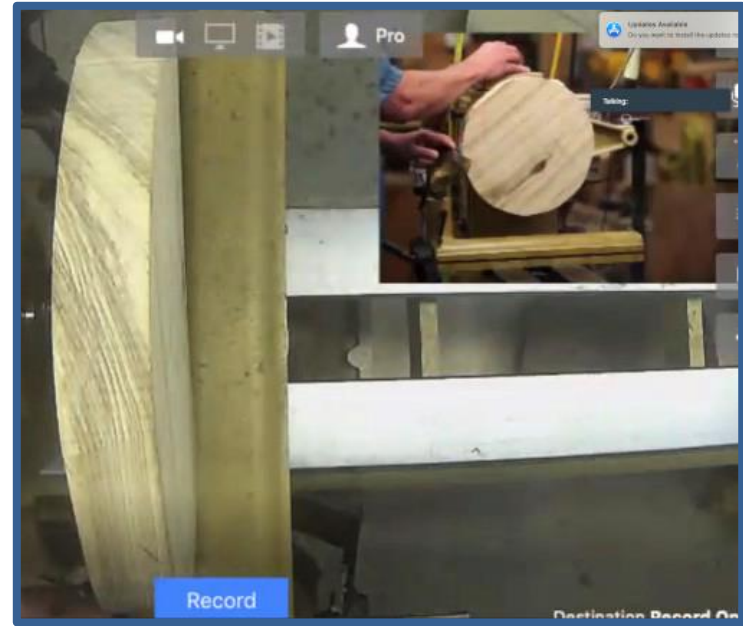


Thanks, Robin. A great demo for a practical turning that could be a gift or a sales item.

Dick Hicks

## MWA "Tuesday Tune-Up"

Dick bought a platter made by Glenn Lucas. After Dick retired in 2019 he travelled to Ireland to take a class from Glenn.



Dick has a “professional” set up of 3 cameras and utilizes them in his demos for a professional demo technique. This is an overhead view of the platter blank with an inset in the upper right of an “end on” view.



A walnut platter





Dick Hicks

## MWA "Tuesday Tune-Up"



This platter has an OUTSIDE bead on the rim



Platter with INSIDE bead







Dick uses a faceplate to mount the blank.



He uses a centering jig from Craft Supplies





Platter blank with attached faceplate. Thickness – 1 ¼" for 11-12". 1 ½" if warped. 1 ¾" for 16-19" platters. Run big pieces through the drum sander first.



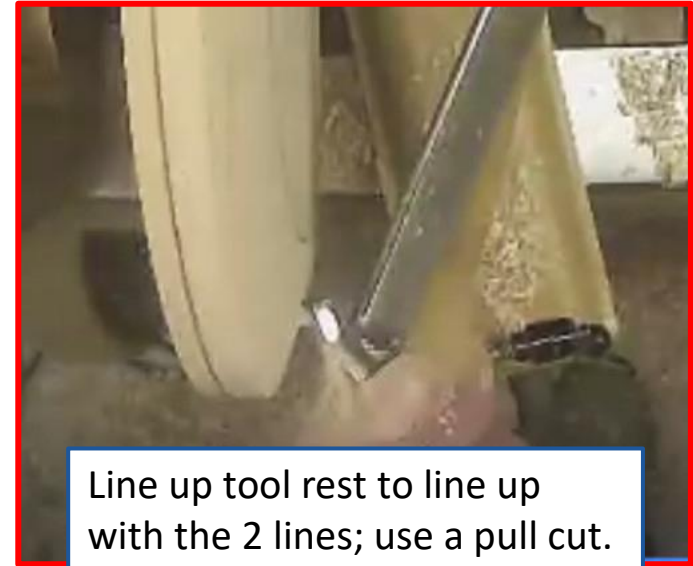
Truing the bottom: True up L-R because tear out on bottom doesn't matter. Flatten with a pull cut. DO NOT open flute; start with your weight on your right foot, left back; move back smoothly; keep tool handle down.



Truing the edge



Make a line  $5/16$ " from the edge & 2" in from the rim



Line up tool rest to line up with the 2 lines; use a pull cut. Then use a push cut, which removes tear out.



Cutting the angle



Mark the center of the angle to begin the ogee cut





Make a line  $5/16$ " from the edge & 2" in from the rim



Line up tool rest to line up with the 2 lines; use a pull cut. Then a push cut, removes tear out.



Cutting the angle



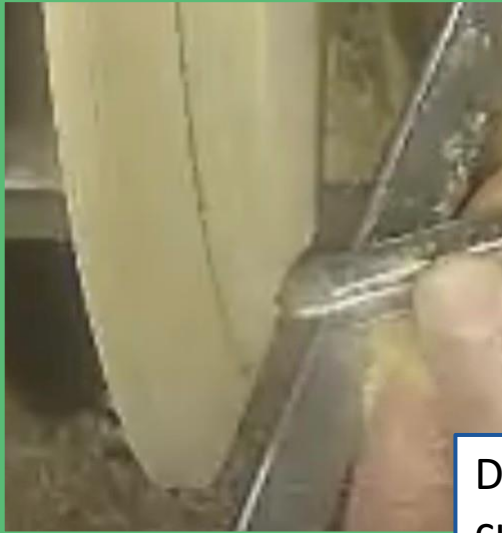
Mark the center of the angle to begin the ogee cut

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Dick Hicks

## MWA "Tuesday Tune-Up"



Do the Roman ogee cut; leave the line



Fine shavings - ogee cut

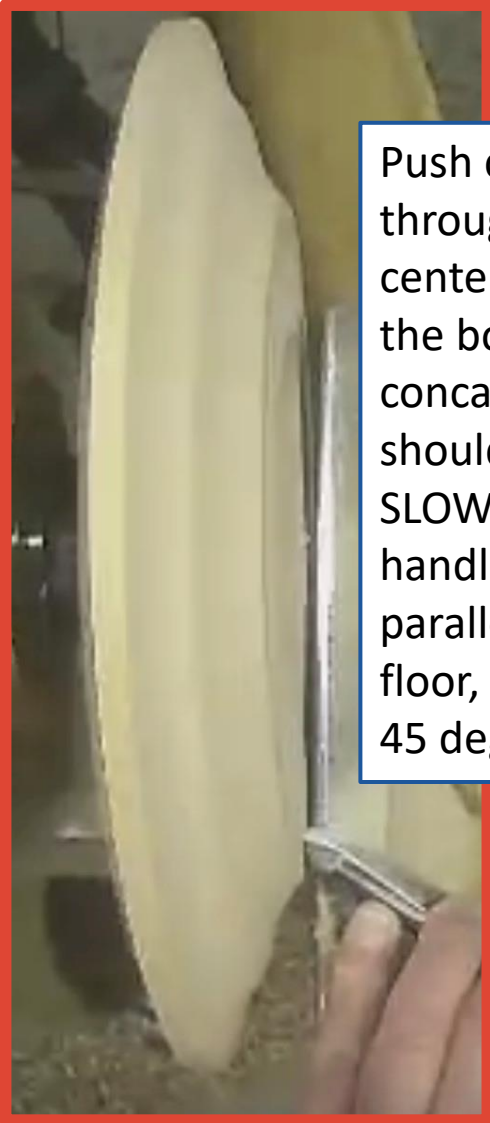


Ogee cut finished



A shear cut can modify how much "bump" is in the center of the ogee





Push cut through the center to get the bottom concave. This should be a SLOW cut, handle parallel to floor, flute at 45 degrees.



Recess: mark 85 mm or whatever your chuck needs. Use a square nose scraper, handle up, shallow cut, less than 1/8" deep. Match the chuck jaws in the recess. Try in the chuck before taking the platter off the drive; make sure it is running smoothly.

Dick Hicks

## MWA "Tuesday Tune-Up"



Checking for  
chuck wobble



Finish cutting, then sand and  
finish the bottom, 180 – 300 grit



Dick uses Mahoney's  
walnut oil, 2-3 coats.  
Then NEVER TOUCH THE  
BOTTOM AGAIN. The  
hackberry grain "pops"  
as soon as you oil it.





Mount in the recess. Flatten the face of the platter.



Mark the width of the rim.  
Remove some wood in the center.

Start midway in the rim with small push cuts. Turn the flute from open to closed. Work your way out to the edge of the rim.

Use a shear cut on the rim. Slightly round the edge of the rim with a shear cut or a skew. Move the rest to do the bottom side.

Making the bead: use a spindle gouge or bowl gouge with a point on the inside edge of the rim.





Remove the center area with a bowl gouge. Cut all the way to the center to practice the final cut. Use a push cut. You could use a negative rake scraper.



Dick Hicks

## MWA "Tuesday Tune-Up"



Dick with the finished platter



Mahoney's Walnut Oil Finish. Gallons of Mahoney's Oil can be purchased directly from Mike Mahoney.

Thanks, Dick, for an interesting and well presented Zoom demo!



Dick had someone pick 2 numbers and he matched them with the order of the Zoom sign-in list. He gave away the 2 platters he used in the demo. Mark Nelson was one of the winners. The other winner was "JERRY" who couldn't be identified. If JERRY will identify himself to Dick, the platter is his. Otherwise it goes to the next number.



## More Covid-19 Thoughts

Never in a million years could I have imagined I would go up to a bank teller wearing a mask and ask for money.

Coronavirus has turned us all into dogs. We wander around the house looking for food. We get told "No" if we get too close to strangers and we get really excited about going for walks and car rides.

The dumbest thing I've ever bought was a 2020 planner ...

**For the second part of this quarantine do we have to stay with the SAME family, or will they relocate us? Asking for myself ...**

THANKS TO FRED SCHMOLL



# SE Metro Sub Group ZOOM Meeting

19 people “attended” the SE Metro meeting on Wednesday, June 17

The meeting was organized and hosted by Warren Gerber



New MWA member, Rolf Krogstad attended his first woodturning Zoom meeting



Rolf's been turning for 9 months and just joined the MWA. He showed several of his turnings and was warmly welcomed by the SE Metro group.





## SE Metro Sub Group ZOOM Meeting (cont'd)



Dan Larson shows a heart bowl from a cherry crotch



Dan Ernst shows a bowl from a burl and a Dick Hicks/Glenn Lucas platter



Danny Judd said the virtual meeting worked well for him



## SE Metro Sub Group ZOOM Meeting (cont'd)



In response to Mike Rohrer's question, Jim Jacobs shows an inlay platter



Steve Miller showed a number of cored bowl sets and urns; his "stash" is growing due to the lack of shows/sales



John Schultz

Russ Loucks showed the finish he uses frequently



Continued on next page





## SE Metro Sub Group ZOOM Meeting (cont'd)



Bill Campbell showed his natural edge bowl turned wet and put in the microwave one time



Warren showing his mouse (rat?) finished with liming wax & the box elder bowl where he went through the bottom



George Martin & hollow form



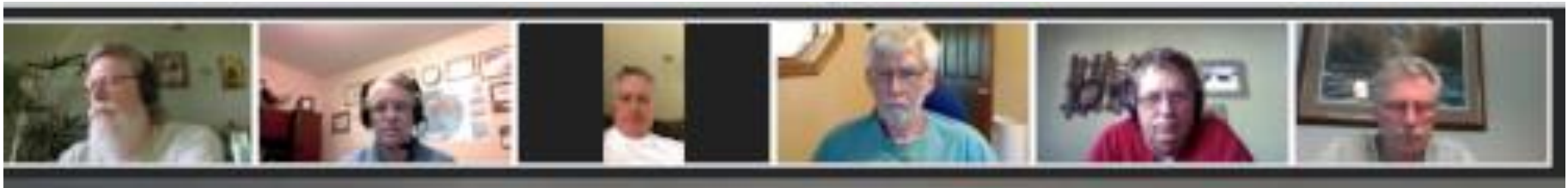
## SE Metro Sub Group ZOOM Meeting (cont'd)

Discussions were energetic and some of the topics were:

- Jim said he uses a 3/8" 4 tpi bandsaw blade for virtually everything.
- Drying wood before turning.  
Steve says he cores all his bowls at one time.
- Danish Oil with fine sandpaper as a final finish.

- Wood suppliers  
Forest Products Supplies Hwy 61 and Cty Rd C
- Ruben Custom Sawmilling, Hastings  
651-242 -8747
- Spring Valley, WI (John Schultz)

- George leaves bark on birch as he turns boxes. He's designed a sander for the lathe – it will be in AAW magazine – Congratulations, George!
- John Schultz has some cherry & cedar for free



Attendees: Sandra Seidel, Doug Ashton, Dick Hicks, Steve Legvold, Jay Schulz, George Martin, Danny Judd, Rolf Krogstadt, Russ Loucks, Dan Ernst, Warren Gerber, Jim Jacobs, Mike Rohrer, Mike Lucido, John Schultz, Steve Miller, Dan Larson, Dick Zawacki and Bill Campbell





# MWA Demonstrations Since July 2017

Warren Gerber suggested that I incorporate an easy way to locate a previous demo that has been documented in the newsletter since July 2017. As a trial format, I will list them chronologically and include this list in the newsletters. Let me know what you think.

Mike Rohrer, Editor

<u>Newsletter</u>	<u>Demo</u>	<u>Demonstrator</u>
July 2017	Hollowing for Embellishment	Gary Mrozek
Aug 2017	Turning & Decorating a Platter	Jeff Luedloff
Sep 2017	Bowl Coring	Neil Robinette
Oct 2017	Natural Edge Bowl	Bob Meyer
Nov 2017	From Tree to Bowl	Dan Larson
Dec 2017	Turning Ornaments	Jim Jacobs
Jan 2018	Making a Pendant	Alan & Lauren Zenreich
Feb 2018	Spindle Turning/Milk Paint	Linda Ferber
Mar 2018	Chain Saw Safety & Techniques	Steve Hagen
Apr 2018	Lidded Boxes	Steve McLoon
May 2018	Hollow Forms & Platters	Trent Bosch
	Platters & Bowls	Mike Mahoney
June 2018	Travel Mug	Greg Just
July 2018	Log Preparation & Sawmill	John Enstrom
Aug 2018	Squarish Platter	Mike Hunter
Sep 2018	Pens	Ed Mielech & Rick Auge
Oct 2018	Safe & Comfortable Turning	Eric Lofstrom
Nov 2018	Finishing	Mark Palma
Dec 2018	Finials	Steve McLoon
	Lefse Sticks	Jim Jacobs
	A Shop	Todd Williams
	Handles	Tim Heil

<u>Newsletter</u>	<u>Demo</u>	<u>Demonstrator</u>
Jan 2019	Scandinavian Inspired Bowls	Dan Larson
Feb 2019	Segmented Turning	Curt Theobald
Mar 2019	Peppermills	Tom Sciple
Apr 2019	3-Legged Stool	Keith Gotschall
May 2019	Baby Rattle with Captive Rings	Gary Mrozek
June 2019	Spheres & Embellishments	Steve McLoon
July 2019	Wood-Mizer Portable Sawmill	John Enstrom
Aug 2019	Finial Box	Cindy Drozda
Sep 2019	Spalting	Seri Robinson
Oct 2019	Rings True to Life	Phil Holtan
Nov 2019	Be More Creative	Beth Ireland
Dec 2019	Holiday Ornament	Bob Meyer & Mike Hunter
Jan 2020	3-Pointed Vase/Box	Tom Sciple
Feb 2020	Long-stem Natural Edge Vessel	Rudy Lopez
Mar 2020	Hollow Form	Lyle Jamieson
May 2020	Shop/Multiple Topics	Mike Mahoney
Mini # 11	Bowl Turning. Part 1	Dan Larson
Mini # 12	Bowl Turning. Part 2	Dan Larson
Mini # 13	Christmas Bell Ornament	Robin Costelle
Mini # 13	Irish (Glenn Lucas) Platter	Dick Hicks



# Wood to Share with Turners



I have gotten a fair amount of wood that needs to be shared with fellow turners. It was cut last winter. I have buckthorn, oak, walnut, cherry, hickory. All about 4" and bigger.

Please call Ben Pawlak at 952-938-6452.



# For Sale



I am now offering a new style bead box kit.

These have the body and top assembly ready to go on the lathe. Designed for the intermediate wood turner.

Total cost of \$25.00 includes shipping to your door.

Can accept checks or Pay Pal.

Contact Jim Jacobs

[woodmanmn@aol.com](mailto:woodmanmn@aol.com)

or 651-497-1309



# For Sale or Trade



Brazilian cherry 1"thick by various widths by 16-30"long . . . I have a lot!! Pay what you want or trade for native wood.

This wood is used a lot for flooring - it's hard! makes great cutting boards, and it's pretty!

Contact Jim Jacobs

[woodmanmn@aol.com](mailto:woodmanmn@aol.com)

or 651-497-1309 Call or Text





# Member Help Line

The club is setting up a "Member Help Line", the purpose of which will be to answer questions /give advice/ and help educate our membership. Maybe you're a beginner looking for advice on what to buy. Maybe you have questions on chucking. Maybe you have sharpening questions.

We would like more members to volunteer for our Member Help Line. If you would like to be "on call" please contact Mike Rohrer at [mdrprof@gmail.com](mailto:mdrprof@gmail.com) with your phone #, email address, area where you live, areas you'd be willing to help with, and your name will be added to the list.

Name	Phone	Email	Areas of Turning	Location
Mike Rohrer	612-276-9556	<a href="mailto:mdrprof@gmail.com">mdrprof@gmail.com</a>	bowls, boxes	South Mpls
Steve Miller	715 821-8726	<a href="mailto:ssmiller920@gmail.com">ssmiller920@gmail.com</a>	all types, light on segmenting	River Falls, WI
Lee Tourtelotte	612-670-1874	<a href="mailto:leetourtelotte@icloud.com">leetourtelotte@icloud.com</a>	all types, beginner, advanced	South Mpls
Warren Gerber	651 403 2883	<a href="mailto:xlwalleye@gmail.com">xlwalleye@gmail.com</a>	Bowls	Mendota Heights
Jim Jacobs	651-437-1309	<a href="mailto:woodmanmn@aol.com">woodmanmn@aol.com</a>	beginner/advanced, segmenting, skews	Hastings
Dick Zawacki	507-744-5748	<a href="mailto:dickzawacki@gmail.com">dickzawacki@gmail.com</a>	general, bowls, wood carving	Northfield
Mike Lucido	651-738-2551	<a href="mailto:mike.s.lucido@gmail.com">mike.s.lucido@gmail.com</a>	general woodturning	Woodbury
Bill Campbell	715-338-2634	<a href="mailto:wm.e.campbell@uwrf.edu">wm.e.campbell@uwrf.edu</a>	general woodturning	River Falls, WI
Mark Kelliher	651-636-8678	<a href="mailto:markandkathy007@comcast.net">markandkathy007@comcast.net</a>	general woodturning	Arden Hills
Todd Williams	651-274-4658	<a href="mailto:toddwilli@comcast.net">toddwilli@comcast.net</a>	general woodturning	Lake Elmo
Bob Meyer	651-483-6187	<a href="mailto:rjmbobco@comcast.net">rjmbobco@comcast.net</a>	bowls, ornaments, sharpening, gen'l.	Lino Lakes
Dick Hicks		<a href="mailto:rbhicks@rbhicks.com">rbhicks@rbhicks.com</a>	platters, spindle work, bowls	Zoom from shop
Steve Mages	952-544-5286	<a href="mailto:smages@juno.com">smages@juno.com</a>	general woodturning	Minnetonka
Neil Robinette	763-639-1085	<a href="mailto:northsideturners41@gmail.com">northsideturners41@gmail.com</a>	sharpening, tool control, turning vs budget	Brooklyn Park



## Editor's Notes

This is the 13<sup>th</sup> Coronavirus Mini Newsletter. I guess when we began this unprecedented situation none of us knew what the future held.

Please consider answering the Ask A Turner questions.

We have more Instant Gallery contributions this issue. Send me pictures of what you're turning!!

Stay safe; have fun isolating yourself in your shop.

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