



Contains August 2020 Minutes

September 2020

NO MEMBERS OR VISITORS SHALL ENTER OR EXIT THE CAMP VIA THE CHRISTMAN ROAD ENTRANCE. MEMBERS MUST ENTER AND EXIT FROM MT.PLEASANT ROAD.

**BUCKEYE WOODWORKERS
AND WOODTURNERS
August 1st & 9th, 2020**

Anyone wishing to submit pictures for the newsletter please send them to the editor within two days of the meeting

*****Note*****

The order of the August events has been reversed in this newsletter so that the club business meeting minutes appear first. The August 1st ZOOM demo notes appear after the August 9th notes.

**Buckeye Woodturners Meeting
ZOOM online meeting
August 9, 2020**

*Respectfully submitted,
Mark Stransky*

The August 9, 2020 meeting of the Buckeye Woodworkers and Woodturners was held via Zoom video conferencing. Dirk Falther was the meeting host. There were 19 members signed in for the meeting.

Brent Wells welcomed all to the meeting. Today's meeting will be a Show and Tell session highlighting some of our member's recent work.

Brent made the following announcements to the members.

Due to the Covid 19 pandemic, the annual Doll Lumber picnic and the Paul Bunyan show have been cancelled for this year. At this time, there is still no decision made on the annual club auction.

The demonstrator for the October 10, 2020 meeting will be professional woodturner Mike Mahoney. Be sure to watch your email for the Zoom meeting invite from Dirk Falther. The meeting will start at our normal meeting time of 9:00.

The Woodturners Worldwide will be holding a three-day virtual symposium from September 24 through September 26, 2020. The registration website is www.woodturnersworldwide.com and the cost is \$89. When registering, use the discount code "maple" for a \$10 discount. See the website for all of the details on presenters and the schedule of rotations.

Brent reminded all of the members present that officer elections are coming up and volunteers are needed to fill the positions of Vice-President, Treasurer and Secretary. Any member who is interested should contact any member of the Executive Board. This is a good opportunity to give back to the club.

In closing, Brent announced that today was Dave Wells' birthday. Dave is holding up pretty well for a young man of 71 years. **HAPPY BIRTHDAY DAVE!!**

The members who submitted work for today's Show and Tell session are:

- Bruce Minnich – Lots O'Clocks



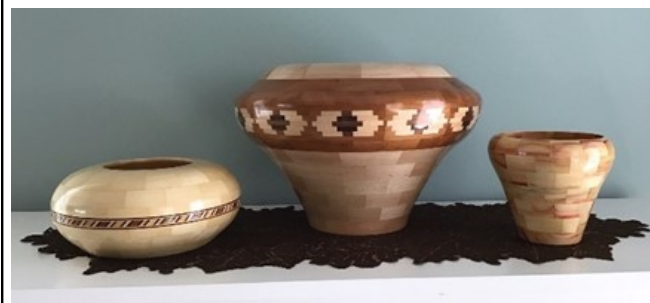
- Chuck Nunley – bowls and a hollow form box



- Dave Wells – Callabash bowls and long stem goblets



- Doug Aichholz – segmented bowls



- Gary Langenderfer – box and a natural edge bowl



- Hoby Horn – bowls and a decorated vase



- Jerry Schaible – bowls and a finial topped box



- Kevin Dalton – Mulberry turned and carved vase



- Marshall Holmes – pedestal box and a “captured” golf ball



The winner of the Show and Tell drawing was Kevin Dalton.

The August 1, 2020 meeting of the Buckeye Woodworkers and Woodturners was held via Zoom video conferencing. Joe Brinkman, Dirk Falther and professional woodturner Eric Lofstrom were the meeting hosts. This meeting was jointly held with both Buckeye Woodworkers and Woodturners and North Coast Woodturners. There were more than 80 members from both clubs signed in for the meeting.

Turning an End Grain Bowl
[Eric Lofstrom](#)
August 1, 2020

*Respectfully submitted,
 Mark Stransky*

Today's demonstrator will be [Eric Lofstrom](#) of Washington State. Eric will be demonstrating turning an end grain bowl similar to his "Namaste" series.

Eric started out by explaining that his artistic series are sometimes inspired by specific events in his life or concepts that he is exploring. A loose definition of Namaste is "The inner light in me honors the inner light in you." He then gave a brief slide show of his Namaste series of work.

Namaste series, present.

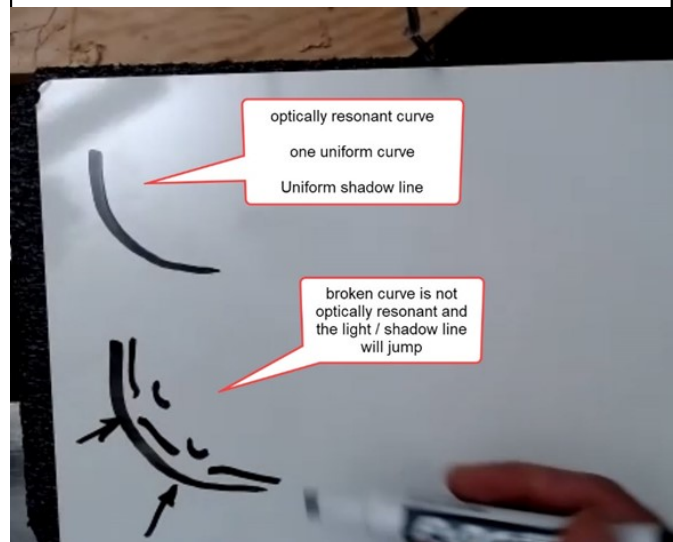


Exterior textures.

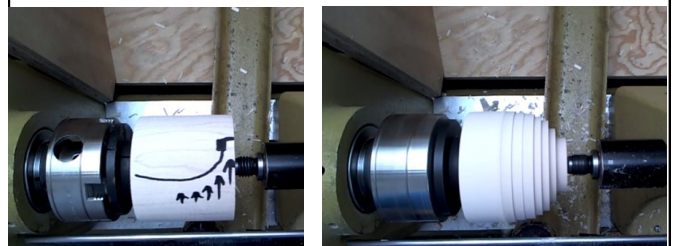


Before starting the demonstration, he explained that this form of his work has evolved from larger, slender hollow forms with various decorations to smaller bowls that are decorated on the inside with various colors of layered paint and sometimes colored, tex-

tured and painted on the outside. The inside surface of the bowl is what he describes as having "optical resonance." Optical resonance is a function of form and the quality of the surface. It is a continuous unbroken curve that is as close to perfect as possible. There should be no flat spots in the surface and the curvature of the surface should transition smoothly throughout the surface in order to maintain a consistent reflection of light. These interior surfaces are then painted with layers of color that transition from either light to dark or dark to light. Some of the colors have varying degrees of transparency. He sometimes also decorates the inside surface after it is painted with spirals applied with a brush. When determining his colors he carefully chooses colors that enhance the depth of the layers of color. He considers opacity – opaque to transparent colors, and sheen – matte to gloss finishes.



Today he will be turning an end-grain bowl, where the outside of the bowl is oriented as a spindle turning and the inside of the bowl is end grain hollowing. The blank he is using is rock maple and about 3" long and will be about 4" diameter. He made peeling cuts with a razor-sharp skew to turn the blank round. He followed that up by using the skew to cut a tenon to fit his chuck that was about 1/4" to 3/8" deep with a shoulder to meet the chuck jaws. The next step was to shape the outside of the bowl with peeling cuts by using the skew to make short steps on the side of the bowl.





He next reverse mounted the blank in the chuck. He marked the blank between the #1 and #4 jaws in case he would have to remove the blank from the chuck and then re-chuck it. He used the skew to smooth down the outside by laying it down and using it like a negative rake scraper. This technique produced a very smooth surface. He followed this up with using a 1/2" bowl gouge as a comparison of the finish the two tools make. As shown from the quality of the wood shavings, the finish from the skew was much cleaner than the finish from the bowl gouge.

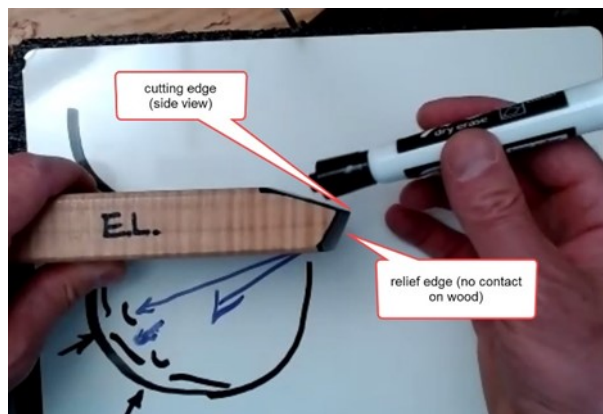


The next step was to hollow the inside of the bowl. He first cleaned up the top surface of the bowl with a 1/2" bowl gouge by holding the tool handle low against his hip and rubbing the bevel while cutting across the surface. Following that, the bowl gouge was used for hollowing, starting at the center and using a push cut towards the rim with the bevel rubbing. He made several step cuts that were about 1/4" to 3/8" deep towards the rim to set the wall thick-

ness. He next used a negative rake bowl scraper to smooth and finish the inside of the bowl, making sure that the inside surface was an unbroken curve to maximize the optical resonance of the surface.



Eric took a few minutes to describe the negative rake scraper and how he sharpens it. Basically, it is a scraper that is ground on both the top and bottom surfaces. The top surface is ground much flatter than the bottom surface, typically but not always about 20° to 25°. He sharpens the top surface to be the same angle that he uses to sharpen his skew. The included angle between the top and bottom surface is about 70°. The length of the grind on the top surface is very short – usually somewhere between 1/16" and 3/16". The advantage of the negative rake scraper is that the cutting edge can be used perpendicular to the surface being cut, and flat or parallel to the lathe bed.



To create the ground surfaces, he grinds them on a 60 grit CBN wheel. His sharpening technique after the surfaces are ground is to use an extra fine diamond card to hone and dress the ground surfaces and then use a leather strop to polish the surfaces. He then uses a 1/8" diameter solid carbide burnisher at a few degrees from the bottom ground surface to turn up a burr on the cutting edge – usually two or three passes does the trick. He uses a small diameter burnisher because it takes less pressure to form the burr than a larger diameter. This procedure gives him a razor sharp edge that you can shave with. If he feels that the scraper needs to be touched up he repeats the dressing, polishing and burnishing to refresh the sharpness. The only surface that he grinds after the initial grinding is the lower surface until the upper surface is no longer effective. At that point he regrinds both surfaces and repeats the sharpening process. As far as the grade of the steel that he uses, he prefers M42 or M2 compared to powdered metal. He feels that the edge on a powdered metal fractures too easily which leaves an uneven cutting edge.



When using most of the tools he used for this demonstration, he holds the tool choked up around the ferrule with his index finger resting on the top surface of the shaft and the end of the handle tucked under his elbow and against his side. He then moves his body to guide the direction of the tool. He uses his other hand to steady the tool on the tool rest.

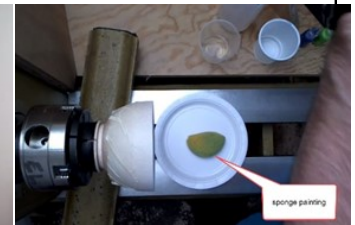


After he has reached the depth of the bowl with the negative rake scraper and feels that the surface is finished, he uses the shadow from the edge of the bowl with a flashlight to inspect the surface. The shadow should cast a continuous edge in a smooth curve.



If the edge varies then the inside surface is not a continuous curve and needs to be adjusted with the scraper. When the shadow shows a continuous curve, the inside is complete.

When the inside is finished, it is time to paint the inside. The first step is to seal the inside surface and the rim with dewaxed shellac. The rim and outside surface of the bowl should then be masked off from the paint. The inside should then be painted with one coat of BIN shellac-based primer (NOT a latex based primer). For a quicker drying time, use a spray can of primer but be sure to thoroughly shake the can (for about 5 minutes) before spraying so that the primer does not come out in blotches on the surface.



After the primer has dried, Eric sponge painted the surface while the bowl was still mounted on the lathe. He used Ranger Liquid Pearls paint for the inside. For his high-end gallery work he uses Golden brand acrylic paints. He used a small round sponge that he cut in half to apply the paint. For this demonstration he used a medium green and a dark blue paint, putting a small dab of each color on a small plastic plate. He then dampened the sponge with water and dabbed each end of the sponge in the paint colors and left the middle without paint. The dampened sponge was then dabbed and rocked back and forth on a clean plastic plate to blend the paint in the middle of the sponge. With the paint mixed on the sponge, he then gently dabbed the sponge on the inside of the bowl and rotated the bowl as he dabbed so the complete inside of the bowl was painted with both colors and the blended paint on the sponge. After the bowl was covered, he reapplied more paint to the sponge in the same way and then dabbed and rocked the sponge in the bowl to blend and soften the painted surface. He then repeated the paint application until he had some layers built up. During the application of paint, the sponge will leave a textured surface on the bowl. Different types of sponges will leave different textures. After waiting 6 to 8 hours for the paint to completely dry he then repeats the process as many times as necessary to get the look he is pleased with. After the painting is complete, he removes the tape used to mask the rim and outside of the bowl and uses the negative rake scraper to clean up the top surface of the rim.



Eric said that an added effect to the painting can be made by adding a few drops of dish washing detergent to the sponge water before adding paint to the sponge. After the paint is applied and mixed on the sponge there will be small bubbles that appear on the painted surface as the sponge dabs the paint on. Use a heat gun to pop the bubbles before the paint dries and you will have small rings in the painted surface. After the paint has dried and the surface decoration is complete, use the skew to finish blending in the bottom surface to what will be the bottom of the bowl. Then cut a small knob on the waste of the bottom surface sized to fit a #2 Morse taper. Use this knob to mount the bowl in the tailstock so the bowl can be accurately centered on a vacuum chuck. After mounting on the vacuum chuck, back off the tailstock and finish the bottom of the bowl with a foot that is about 1/4 to 1/3 of the diameter of the bowl.



When the bottom of the bowl is complete, the outside of the bowl can then be textured if desired. Eric sometimes adds a scratched, lined surface with a wire brush or carefully adds similar sized faceted surfaces. A Dremel tool can also be used to add texture. It is then time to add the top coat of finish to the bowl, either paint, ink or a clear finish.

Eric does not usually apply any kind of sealer to the painted surfaces as the paint that he uses is very durable. He cautioned not to use shellac finishes after the paint is applied because the alcohol in the shellac will soften the paint. For the outside of his bowls, he uses satin finish OSMO Polyx-oil High Solid plant-based wax oil.



This was one of the best demonstrations I have seen. I would like to thank Dirk Falther for gathering and adding sub-titles to all of the pictures. Eric's demonstration, explanations and answers to questions were top notch.

If you want additional information on this process and others that Eric uses, see his website www.ericlofstrom.com and look under his **RESOURCES** tab. He also has a YouTube channel - Eric Lofstrom Woodturning - that has several of his demonstrations on both woodturning, tool use and tool sharpening.

TIPS AND TRICKS AND QUESTIONS – OH MY!!!

I subscribe to several woodworking and woodturning magazines. One of the first things I look for in each issue is the "Tips and Tricks" that appear. How about if we start a column in the club newsletter for some of the good ideas that all of us use (I know that I can use a little help in this department). If anyone has any tips and tricks they want to share, send them to me:

mastran@neo.rr.com

(include any relevant pictures or drawings that can be emailed) within 3 days of each meeting and I will include them in the monthly newsletter. It could be on any woodworking or woodturning topic. It also could be a short explanation of something that was seen in a demo. This would be a good way to keep everyone involved in what the club is doing since we have not been able to get together during the pandemic. Who knows – you might have the answer to one of the great mysteries of woodturning and you don't even know it yet! If this works out to be a good idea, I would even continue it after the pandemic when we can get together and exchange tips face to face.

In addition, if anyone is stumped on something, send me your questions and I will survey some of the more experienced members and hopefully get an answer to whatever is holding up your success. If you have any kind of question on something you have seen in a demo or have thought about while enjoying a cool beverage on the front porch, this is your chance to maybe get an answer. This can take the place of some of the conversations that always happened before and after our meetings every month. All I ask is that you keep your questions about relevant things that we do. I am not really qualified to find the answer to the meaning of life or anything political.

I hope to get some tips, tricks and questions in time for the next newsletter.

SAFETY NOTE

Be sure to use proper safety equipment including eye, hearing and breathing protection whenever you are working on projects in your workshop. Make sure that you fully understand and follow the safe operating procedures for every piece of equipment that you use.

Calendar of Events

PLEASE NOTE

BWWT MEETINGS ARE HELD ON
THE SECOND SATURDAY OF EACH
MONTH BEGINNING AT 9:00AM

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**BWWT Library Online Guide brought to
you by the BWWT Club Librarians, Dirk
Falther and Bob Hasenyager.**

The online guide lists the books and videos that
are available in our club library along with de-
scriptions on the subject matter and other useful
information. Follow the link below to check it out.

<http://uh.cx/uVS1S>

BWWT OFFICERS FOR 2020

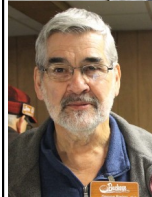


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