



OHIO VALLEY WOODTURNERS

April 2017

WWW.OVWG.ORG

A Chapter of the American Association of Woodturners

www.woodturner.org

Home Grown Demonstration

April 15, 2017

I have yearned throughout my adult life to work with wood, especially at the lathe. As a youth, I watched my grandfather make such wonderful items: beds, stools, coffee tables, benches and all sorts of oddities. I have always wanted to do what he did. In high school, my advanced woodworking project was a turned chess set. I scraped away at the chess pieces using dull tools and horrible technique (mostly because my teachers had no clue and didn't really teach much anyway).

As an adult, years went by before I had a place with a basement and was able to start my new hobby of woodworking. However, as soon as I bought a lathe, all my other woodworking ambitions fell aside. I fell in love with the machine and absorbed all the information that I could find, and still do. I feel that a person should never quit learning and keep pushing to out-do themselves. With every project I work on, I think up a dozen more that I want to try if only there were more time! But, we all have that problem, don't we?

In Arn's words: "As an artist and observer, I am attracted to art that moves, or has the feeling of movement. I suspect this is a direct result of years of being a juggler. As a result of watching hundreds of performances and seeing the many manipulations and balances that are both technically complex and mesmerizing, I like to imitate those same traits in my artwork. I enjoy pieces that provoke both a "Wow" effect, and are just plain fun. A successful piece will make a person smile, if either because of its humor or their own amazement. "

Arn will be demonstrating off-axis turning to create candle holders, showing us the techniques and tools to use to create the pieces. If you were at the March meeting and made a tour of the "Show and Tell" table you may have seen some of the off-axis items created by Arn.



What's Inside

President's Letter	2
Upcoming Events / Notes	3
Steve Pritchard Article	4-6
Hand-on Session	6
Show and Tell	7-8
Youth Turning	9
Board and Mentors	10



Check out the website Events Calendar for all upcoming activities at the

President's Letter



As I write this letter I am visiting our nation's capitol. The cherry trees are in full bloom, a beautiful sight to see and the museums are world class. In spite of all the ugliness that often goes on here it is a wonderful place to visit.

Just as spring is evident in Washington DC, so it is in the Greater Cincinnati area. We are fortunate to have so many beautiful trees (many of them now blooming) in our neighborhoods that help to make them desirable places to live. Unfortunately insect infestations, harsh winters, dry summers, storms, and other problems cause some to die each year. While their loss is sad, you can turn some of these losses into heirlooms that families will cherish for generations. As you take advantage of these losses I suggest that you consider returning a beautiful turned piece to the family you get the wood from. They will be most appreciative and are likely to make you aware of other wood when it is available.

As most of you are aware, during the last several months a Strategic Planning Committee has been working on a long term plan (2017-2022). This plan was presented to the membership in January and you were asked to provide your comments and concerns. The Committee took your responses into consideration and presented a final version of the Strategic Plan to the OVWG Board of Directors during its meeting on March 23, 2017. The Board approved the plan and set into motion its implementation.

The approved Strategic Plan is available on the OVWG website (www.ovwg.org) in the Documents section. I invite you to read it carefully to become familiar with the various actions that are planned. As you will see, there are a number of committees to be established. Two of these committees (AV Development Committee and Symposium 2017 Committee) are already very active. A third, the Board Restructure Committee (formerly the Strategic Planning Committee), is also busy looking at ways to improve the structure and function of the Board.

The monthly meeting for April is scheduled for the 15th and will feature one of our own members, Arn Ward, giving a demonstration of off-axis turning of candle sticks. I invite you to check the OVWG Home Page to learn more about Arn. Other activities planned for this meeting include the election of officers for the positions of President and Vice President of Programs and a silent auction of items provided by members. All money earned in this auction will be used to fund scholarships for members. I encourage you to bring turning tools, wood, bowl blanks, and any other items that you no longer need or want.

During 2016 the Guild scheduled four, three-day classes in the Learning Center. These classes were taught by well known nationally and internationally respected professional turners. For 2017 John Jackobs has already scheduled three professionals of similar qualification. These include: Rudy Lopez (May 8-10); Robert Rosand (August 14-16); and Nick Cook (October 16-18). Registration is now open for all of these so I encourage you to sign up at your earliest opportunity.

In closing I want to encourage you to mark you calendar and plan to come out for the April meeting. See you there.

Jerry Warner, President

Upcoming/Ongoing Events

Apr 15, 2017	Home Grown Demonstration - Arn Ward
May 8-10,2017	Rudy Lopez - Three Day Class
May 12-14,2017	Appalachian Festival
May 20 , 2017	Michael Mocho www.mmocho.com/
Jun 17, 2017	Zeller Memorial Picnic
Aug 14-16	Bob Rosand - Three Day Class
Sep 16, 2017	Kimberly Winkle Kimberly Winkle
Oct 13-15, 2017	Turning 2017
Oct 16-18, 2017	Nick Cook - Three Day Class

JUNE CONTEST

ADD A FINIAL TO A TURNED PIECE

FURTHER INSTRUCTIONS TO FOLLOW



Scholarship Auction

Don't forget to bring items to the April Meeting for the Silent Auction. All proceeds from the auction go to support the Scholarship Program.

Things of Note

- OVWG name tags with a magnetic back are available for \$5 from member Chris Barrett. To get a name tag, send Chris an email at artisan022@icloud.com, telling him how you want your name to appear. He will have your name tag at a subsequent meeting.
- The OVWG now has **business cards** printed and available for members to be given out and posted at related wood turning businesses. The cards are available in the Learning Center.
- We continue to have opportunities to do demos in many different locales. We have an "approved demonstrator" list that receives an email with a chance to volunteer for demo events. If you would like to be on the approved demonstrator list, please contact Jerry Warner.

Steve Pritchard Demonstration

by KC Kendall

Professional turner Steve Pritchard showed us how to make a collar and threaded closure for cremation urns. He followed this with a demo of making pendants and bangles.

In addition to this write-up in the newsletter, a copy of the description of the demonstration will also be included in the Documents section of the website, titled: Urns, Pendants & Bangles by Steve Pritchard. Some of the more complicated parts of the demo will be covered in more detail on the write-up in the Documents section.

Steve first covered his hollowing system. He provided sources and purchasing details for the laser and camera system he uses to get consistent wall thicknesses in his hollow forms. His Resource List is also in the Documents section of the website. To hollow the urn, Steve makes a hole down the center to the bottom using an old drill bit mounted in a wooden handle. He likes John Jordan's tools for hollowing.

The collar and closure system for a cremation urn consists of three parts: the female threaded collar that is glued to the top of the urn, the male threaded insert which screws into the collar, and the decorative finial that is glued to the top of the threaded insert.

Steve uses stabilized hardwoods, such as mahogany, to make the collar and the insert. The harder, stabilized wood yields stronger threads. If you want to stabilize wood at home, the tools and supplies to do that are listed on the Resource List that Steve provided and that we have put on our website.

To make the collar, super glue the stabilized wood to a waste block mounted in your chuck. Face off the surface that will be the bottom inside



of the collar, and make a tenon that will fit into the 2 & 1/4" opening in the top of the urn. Make a slight undercut in the surface that will fit and match the top



profile of the urn. Do some initial shaping of the outside top of the collar.

Drill a 1 & 3/4" inch hole for the threads. Square up the inside of the hole with a box scraper. Steve mounted the chuck, with the collar piece still in it, on the Baxter Threadmaster threading jig.



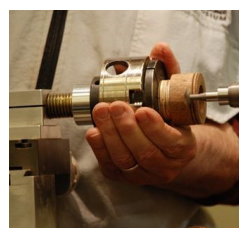
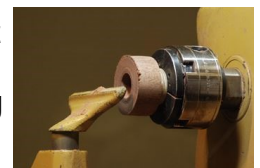
If you buy the jig system, you must customize it to the size lathe that you have as well as the number of threads per inch that you wish to have. Steve uses 8 tpi for urns. To cut the threads he uses a 60° carbide cutter in a #2 Morse taper, with a threaded draw bar that holds it into the headstock.



After making the threads, lightly sand the points with 150 grit paper and chamfer the threads at the top of the insert and round off the bottom of the threads.

Part the piece off of the waste block. Turn it around and grab the tenon lightly in the chuck. Finish shaping the top of the collar and sand. Apply finish later.

To make the insert ring, first put a set of #1 jaws on the chuck. Make and put a 1/4" spacer ring on the jaws. Drill a 1 & 1/16" hole in the square piece of wood and mount it on the jaws. Bring up the cone on the tailstock to support the piece. Round off the square block to 1 & 3/4" plus 2/10" for the threads.



Mount the chuck, with the insert ring still on it, on the threading jig and cut the threads. Make a slight chamfer at the top of the ring

before starting to make the threads to avoid any chipping of the initial threads.



The next step is to make the finial. Mount a block between centers and make a tenon to mount it in the chuck. Then make a 1 & 1/16" tenon to fit all the way through the male threaded insert ring. Make a slight undercut at the top of the tenon so that the top of the threads fit well against the base of the finial. Make a couple of grooves in the tenon as a place for extra epoxy. Then epoxy the threaded insert onto the tenon, which should extend to the bottom of the threaded ring. Sand and finish the bottom of the tenon. You can also decorate the bottom of the tenon.



To finish making the finial, thread the ring into the collar and carefully mount the collar in the chuck. Remember that the finial may be held to open and close the urn, so, don't



make a tall, thin, pointed finial. Shape and sand the finial. Apply finish to the entire assembly. Steve usually uses an oil finish on the entire assembly, including the threads. Use epoxy to glue the assembly into the urn.



When determining the dimensions of the urn and finial, check to see how the urn will be stored. If it is to be put in a niche, these are typically 8-10" square by 11-13" high.

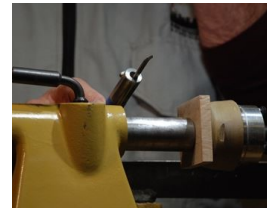
To determine the target size of the urn, estimate 1 in.³ per pound of body weight. About 200 in.³ is a good general size for an urn that will be used for a person. Steve generally targets an urn that is 11-12" tall, including finial, with an upper, outside diameter toward the top of 8" and 4" at the bottom. Steve makes his urns out of wet wood with the pith running dead center. He soaks the pith with super glue. When the urn is finished and sanded, he coats both the outside and the inside of the urn with General Finishes salad bowl finish, putting 1-2 coats inside and up to five coats on the outside.

Pendants and Bangles

Steve demonstrated how he makes pendants out of either Spectrally or Diamond Wood using the

Joyner jig, (which Pete Kekel in our club sells). He uses a draw bar to hold the jig in the headstock.

First, secure a waste block to the jig and face it off to be flat or slightly concave. He uses Echo brand double stick tape to secure the pendant blank to the waste block. Bring up the tailstock to put pressure on the blank to get maximum adhesion from the tape.



Steve makes his pendants with end grain orientation. He brings up the live center, without the point in it, to hold the blank while he rounds it off and makes it slightly convex, or thinner at the edges.

One style of pendant is to simply texture the surface with the blank in the normal (not eccentric) orientation. When doing a lot of texturing, it is not necessary to sand the blank. Tools for texturing can include a Wagner tool, an Elf tool, or a home made chatter tool. Changing the orientation of the tools gives different patterns.



Options for coloring or finishing the pendant include applying a black dye, allowing it to dry, and then putting metallic lustre on the high points. You can also lightly sand the pendant after applying the first color of metallic lustre, and then apply another color. Obtain water soluble Metallic Lustre from DecoArt. Another type of metallic lustre is Baroque Art Grinders Paste, which is solvent based.

Steve puts a "bale" on the back of the pendant to connect the necklace. The bale is a small round piece of metal with a metal loop that can be fastened to the pendant. He uses E-600 flexible super glue or Mercury brand superglue (M3000) obtained from Tennessee Pen Supply. The bale is obtained from Rio Grande.

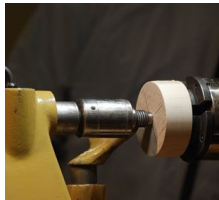
Steve also showed how to make offset designs and arcs on the pendant using the offset feature of the Joyner jig. There is a spreadsheet on Pete Kekel's website that shows how to create different designs by moving the jig to various off center positions and rotating the blank around on the jig. Specific details for doing this are contained in the write up that is in the documents section of the website.

Finally Steve showed how to make a bracelet or a bangle out of end grain wood. The target dimensions on the inside diameter are 2 & 3/8" for a small wrist, 2 & 1/2" for a medium sized wrist, and 2 & 5/8" for a large wrist. The width of the bangle can be anywhere from 1/2" up to 2", and the thickness can vary from 1/4" to 1/2", all depending on design.

Start by using the tailstock to hold the square block of wood against the chuck. Mark a circle for 2 & 5/8 for the inside diameter of the largest size bangle.



Make the blank round, with an outside diameter from 1/4" to 1/2" larger than the inside diameter and face off the surface toward the tail stock. Use a parting tool or a bedan to make a mortise about 3/16" deep. Reverse and chuck the blank.

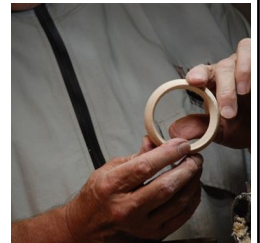


Turn the outside of the bangle, which is simply a very large bead. Shape the front of the bangle, which is the part facing the tailstock and, if possible, slightly round the backside that is closer to

the headstock. Begin removing wood in the center by either using a Forstner bit (about 2" or smaller) to drill all the way through, or pull cuts starting from the center. The design objective is to have the inside of the bangle to be convex, or an inward facing bead. Be careful as you remove wood and get to the target inside diameter. Don't go too deep toward the mortise as the bangle will fly off of the chuck or you will hit the chuck with your tool.



Once you remove sufficient wood, shear scrape and sand both the inside and the outside of the bangle. Then turn it around and carefully expand the jaws of the chuck against the inside of the bangle so that you can remove the remaining wood from the area of the mortise. You can use a very thick rubber band to cushion the bangle from the jaws to avoid marring the inside surface. You can also create a spacer so that the bangle sticks out, as needed, from the front edge of the jaws. Use a very light touch for the finish cuts. Then finish with light shear scraping and sand the rest of the bangle.



When finishing, Steve often uses Artisan dyes from Craft Supplies or Procyon dyes, which are textile dyes. He also uses interference paint which has a fluorescent or iridescent affect. He finishes with salad bowl finish.



Participants from Steve Pritcard's Hands-on class with their two-piece hollow forms.

Show and Tell



Maple Hollow Form
Vaughn Solomon



Hackberry
Ron Cruze



Multi-axis Candle Stands
Arn Ward



Pamento Vase
Mike Pankion



Oak Bowl
Kurt Foglesong



Hollow Form
Robert Chambers



Spalted Sugar Maple
Barry Todd



Box Elder Bowls
KC Kendall



Cherry Bowl
Mike Wolfram



Birds Eye Maple Bowl
Mike Pankion



Maple Bowl
John Shannon



Amboyna & Blackwood
Barry Todd



Cherry Bowl
John Shannon



Walnut Multi-axis Piece
Arn Ward



Ash Bowl
Jerry Warner



Hickory/Oak Night Sticks
Lowell Converse



Maple & Walnut Vase
Robert Tuemler



Boxelder Vase
Robert Chambers



Tea Lights with Epoxy
Mary Carol Meinken



Pepper Grinder
Robert Chambers



Box & Coffee Scoops
Alan Tapp



Burr Oak Bowl
Mike Pankion



Hollow Form
Johnny Bowman

Show and Tell



Multi-axis Piece
Arn Ward



Walnut/Cherry/Padauk
John Glessner



Curly Maple Urn
Robert Tuemler



Sycamore Bowl
Ken Werner



Maple Bowl
Robert Chambers



Walnut with Stone Inlay
Gary Thompson



Cherry Stem
John Jackobs



Cherry Bowl
Howard Forthofer



Ash Bowl
KC Kendall



Walnut Hollow Form
David Wright



Ash Box
Mike Wolfram



Vase with Flowers
Peyton Reed



Pens
John Farrow



Cherry (2 piece) HF
Robert Tuemler



Maple
Howard Forthofer



Sycamore Bowl
Ken Werner



Ash
Tom Dresch



Maple and Padauk
Mike Wolfram



Box
Ken Werner



Earring Tree
Arn Ward

Youth Turning





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OVWG Mentors

Do you need help getting started or working out a problem? Call any of the names listed below. As always, there is **NO CHARGE** to members of the Ohio Valley Woodturners Guild. We love to share our woodturning passion. Call us, we want to help you.

Central:	Dave Morrical	513-771-5205
	John Albachten	513-325-9002
	Mary Carol Meinken	513-521-1517
	Dave Kratzer	513-290-9609
Highland County	Nancy Bowman	937-239-1980
Loveland:	John Lannom	513-683-3129
North Side:	K.C. Kendall	513-755-8856
West Chester:	Mike Pankion	513-777-5599
East Side:	Gary Brackett	513-553-7474
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	Lowell Converse	937-426-2646
	René Keyzer-André	937-277-4717
	Gary Vance	937-667-4520

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Kentucky:		
Kenton Cnty:	Pete Kekel	859-653-3520
Campbell Cnty:	Keith Bundy	859-781-5414

Indiana:		
Southeast:	Gerald Williams	812-689-6545

Contact: KC Kendall, Mentoring Chairperson, with any changes or if you'd like to join these talented volunteers.

Meetings

Demonstration meetings are generally held the third Saturday of the month (September through June) from 9:00am to 3:00pm. Registration and set up starts at 8:00am. Meeting cost (includes lunch) is \$10 for members and \$15 for nonmembers when there is a professional demonstrator and \$5 for members and \$10 for nonmembers for "home grown" demonstrators. Annual membership dues are \$30 (\$25 for AAW members) for the first year (includes name badge) and \$25 (\$20 for AAW members) for renewal, payable upon joining.