



OHIO VALLEY WOODTURNERS

May 2017

WWW.OVWG.ORG

A Chapter of the American Association of Woodturners

www.woodturner.org

Michael Mocho Demonstration May 20, 2017



Michael Mocho - has been a full-time craftsman since 1976 with extensive experience in furniture design, woodturning, architectural millwork, pattern making, and stringed musical instruments. He operates a small shop in Albuquerque, New Mexico producing commissioned furniture, contract woodturning, and decorative containers for the gift market.

He has completed residencies at the Arrowmont School of Craft, Anderson Ranch Arts Center, and the International Turning Exchange program at the Woodturning Center in Philadelphia. He is known for his intricate containers that often combine

bent wood with turned, carved, and textured components, which have won numerous awards and are in many private and public collections.

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

President's Letter



I don't want to shock you, but I would like to point out that four months of the year have already flown by. While my understanding of science tells me that time always passes at the same pace, as I get older it certainly seems to go faster. If you experience the same feeling I suggest that you use your time wisely and spend as much of it as possible involved in wood turning activities.

Each year during April the Ohio Valley Woodturners Guild holds elections for officers. The two positions up for election this year were that of President and Vice President for Programs. The election, held during the April monthly meeting, resulted in my re-election as President for another two year term and the election of Nancy Bowman as Vice President for Programs. I want to thank you for allowing me to continue to serve in this capacity and I encourage you to congratulate Nancy on her election.

Registration for our Turning 2017 Symposium is well underway with about 100 people already signed up. Spaces are limited and non members have already begun to register. If you have not yet registered I urge you to do so at the earliest possibility so that you don't find yourself closed out when all spaces are taken. This event is a great educational opportunity for new turners to see some of the best tuners in the country demonstrate their techniques and skills. Seasoned turners will also be able to learn much from these experts and return to their shops with many new ideas to try. I invite you to go to the home page of the Turning 2017 event (www.turning2017.com) to checkout the details You will be able to see an outstanding video that presents an overview of the planned weekend activities. While there you can also read brief descriptions about each of the featured turners and you can register (click the **Register Now** button). A highlight of this event is always the banquet and auction (bring your friends, neighbors, and family members) on Saturday evening. This a great opportunity for you and them to purchase works by professional demonstrators as well as those of OVWG members.

During the April meeting I announced that the OVWG is now equipped with a Oneway lathe (1236 SD) which can be used while sitting down - handicapped accessible. This lathe (valued at almost \$3,000.00) was donated to the Guild by John (Jack) and Vicky Gibbons of Powell, Ohio near Columbus. It will enable the Guild to provide turning opportunities to individuals who are unable to stand or who cannot stand for long periods of time. Our thanks go out to John and Vicky.

During the April meeting, I spent a few minutes introducing the American Association of Woodturners (AAW) website (www.woodturner.org). I encourage you to check out this site to explore the benefits available to members. As I mentioned they are offering chapter members who have never before been members of the AAW a 50% reduction on the cost of membership. Membership for these people will be \$30.00 for the first year. With over 350 chapters worldwide, the AAW on April 21, recognized the OVWG as having the third highest number of participants in this initiative. If you are eligible and would like to participate go to <http://tiny.cc/AAWNewGen> or call 877-595-9094 no later than June 30, 2017.

A new feature of the OVWG website (www.ovwg.org) is "**Turning of the Week**". To find this go to the **Home Page** where you will see a button labeled **Turning of the Week**. Click on this button to see the turning and read a brief description about it. Our Webmaster, Dave Kratzer, will select the turning of the week from **Show and Tell** pieces that are photographed during the monthly meetings. Once he makes a selection he will contact the artist to request a brief description of the piece to be highlighted. Even though you may consider yourself an inexperienced turner, I encourage you to bring pieces for show and tell. You might be surprised as to your chance of having your piece selected as a Turning of the Week.

The scholarship auction held during the April meeting was very successful and resulted in almost \$1,700.00. This was a result of the many items (wood, tools, equipment, etc.) that you donated for auction and to your numerous purchases of those same items. This will allow us to award several scholarships for hands-on and three-day classes that can be taken in the Learning Center.

As with past years the OVWG will be participating in the Appalachian Festival at Coney Island during Mother's Day Weekend (May 12-14). Several members of the Guild will be doing demonstrations and selling their work. This is a great opportunity for you get out of the house, see fellow turners in action, and maybe even buy a gift for your Mother or someone else.

I look forward to see you at the monthly meeting in May, when we will have Michael Mocho as our professional demonstrator. Check the OVWG home page to learn more about his turning and to register for his hands-on class.

Jerry Warner, President

Upcoming/Ongoing Events

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 Picinc
Aug 14-16, 2017	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
Nov 18, 2017	Janice Levi - janicelevi.com

JUNE CONTEST

ADD A FINIAL TO A TURNED PIECE

FURTHER INSTRUCTIONS TO FOLLOW

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.

Arnold Ward Demonstration

by David Wright

At the April monthly meeting of the OVWG, members were treated to a double feature as our own Arnold Ward entertained and educated us as both an excellent woodturner but also as a juggler. While waiting for a power cord, Arn performed several juggling routines using both balls and pins. Once the power cord arrived, Arn was off and running



with his demonstration involving multi-axis turning.

Arn started the presentation by showing us a goblet with a plain straight stem. He indicated that it could be dressed up and have more character if the stem was



enhanced using offset or multi-axis turning. He started with a blank of the appropriate size to turn a stem for the goblet. He first marked the location of two axes on each end of the blank. Before starting any turning, he put the blank between centers and pressed the centers into the wood. This was done for each axis and is done to prevent breaking the piece when it is moved to the second axis and the wood is too thin to support the pressure needed to push the centers into the wood. The blank was then mounted off center with the point on one end in the opposite axis as the other end. He used a small Stebcentre to allow better access and to reduce the amount of wood needed for remounting. Now Arn was ready to start turning. Since the process involves interrupted turning, the



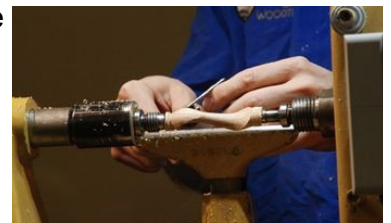
piece should be turned at a rather high speed to help get a cleaner cut. He turned a cove shape, going to a small diameter at the center of the cove. The cove should be a smooth flowing curve. He left unturned wood on each end of the blank for remounting and for making tenons on the second axis. Before removing the piece you should do any sanding.



The piece was then remounted on the second axis, using the points that had been pressed in previously. He turned a curve around each end,

making the top slightly smaller than the base.

Once he had the shape completed, he marked the areas for the tenons. Arn recommended using the drill bit that was used to drill

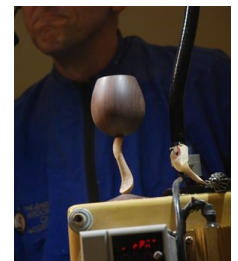


the mortise holes for setting the calipers. He



turned the tenons and smoothed the curve of the wood down to the base of the tenon. Using a skew chisel, he cut a couple of grooves on each tenon.

This raises the wood to give a better fit plus adds a good glue surface. He put the new stem on the goblet and it was obvious that the multi-axis stem added significantly to the overall appearance of the goblet.

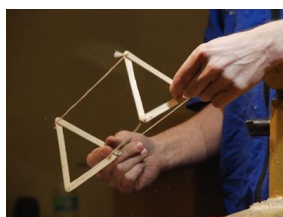


Arn then turned to the screen and went through a presentation on multi-axis turning. The presentation can be viewed in the documents section of the website or go to <http://www.arnoldwardstudio.com/project-plans.html>

The second multi-axis topic involved twisted axes turning. The pieces are turned using three axes which are placed 120 degrees apart around a center axis. The points are marked using a punch and then the centers are pressed into the wood prior to turning. To illustrate the effect of the twisted



axis process, Arn used a "string toy". As he turned the ends it was easy to see how the axes moved in relation to each other and the effect it would have on the piece.



The blank was first mounted on the center axis and turned round using a roughing gouge.



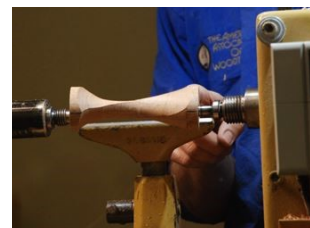
Again, wood must be left on each end for mounting on the offset axes. While still on true center, Arn used the roughing gouge to cut a cove on the blank.

He also marked the location of each axis on the outside of the blank as a reference point for turning. This helps insure that all sections are the same size. Before starting any turning it is very important to make sure



the piece does not contact the tool rest. Arn turned the piece at a fairly high speed, stopping often to check the progress of the cut. Once he was pleased with the shape, he moved the piece to the second set of axes. To make sure you are moving to the correct axes, they must be numbered and a rotation process established. There are different ways of doing this so just be sure you have a plan before starting the turning. You can rotate the piece either clockwise or counter-clockwise. The only difference will be the direction of the twist. The turning process is repeated

for each of the axes pairs until all three are completed, using the axis reference marks as indicators of where to stop turning. You can go back to prior axes pairs to tune up the piece if needed. Any sanding is done by hand, going with the grain and being careful not to knock off the edges of the sections.



The piece is then put back on true center to cut the tenons. Once the tenons were completed, Arn rounded over the ends down to

the base of the tenon. To make for a better fit to the base and top pieces, Arn did a slight undercut on each end of the twisted axis piece. He again used the skew to cut grooves on the tenons prior to assembly.

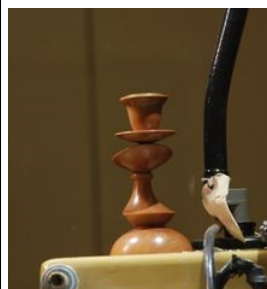
Care also much be exercised



in assembly to make sure the grain direction of the base and top match up. Arn recommended that if you are planning on turning pairs of these pieces, that you prepare the blanks and turn the cove on

each prior to turning the twisted axes.

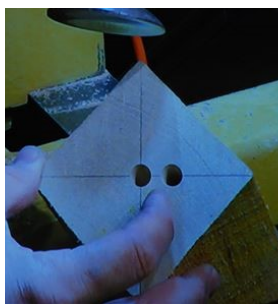
Arn talked briefly about the process of Thermoforming, or cutting multiple pieces at the same time. Sometimes referred to as "split turning", the process is good for cutting identical profiles on multiple pieces. There are several methods of mounting the pieces and Arn covers this in the Multi-Axis Spindle Turning article. Arn also discussed and explained how the shape of the joints are achieved on multi-axis pieces. This is also covered in the article.



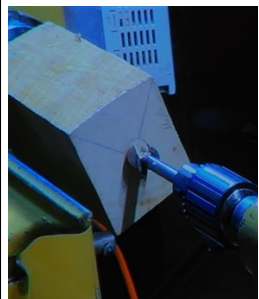
In his final demonstration Arn turned a one piece multi-axis candle stick. He explained that there are various ways of securing the blank to the lathe but he demonstrated the process using the screw chuck.

Arn marked the location of the axes on the end of his blank. The first axis was true center and the second was 5/8 inch offset.

He drilled a 13/64 inch hole for the screw chuck to fit in to. You do not want the holes too close or the wood may not support the threads but you do not want them so far apart that the shape of the turning would be too exaggerated.

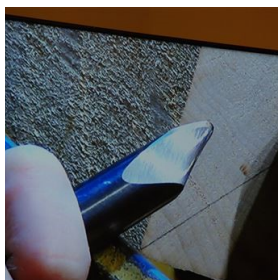


Arn used the tail stock to apply pressure to the piece as he was putting it on the screw in order to keep it aligned. He also threaded the second axis hole prior to turning but you have to be careful that the screw does not tear wood out of the holes or they may not hold well for turning. After threading both holes Arn moved the pieces to true center to prepare for turning

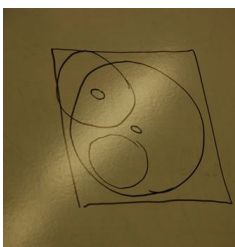


the candle cup. He drilled a 7/8 inch hole approximately 1 inch deep and brought up the tail stock with a cone on it for support. He shaped the cup being aware of the size and depth of the drilled hole. He explained the grind on the

gouge he was using, which was a double bevel with a long point. The second bevel around the tip of the gouge was very small. He shaped the cup and formed a disk below the cup. He switched to a skew to cut the groove deeper than he could reach with the spindle gouge. He then cut a curve which would be the

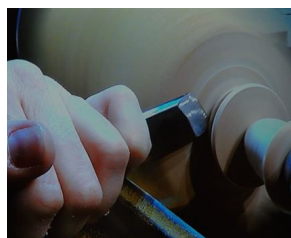


top edge of the first shaped disk. He sanded the areas at this time. He pointed out



that you do not want to round the

blank as before because when you move to the second axis there may not be enough wood.

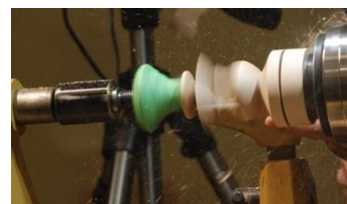


Arn then moved the piece to the second axis. In order to provide support with the tail stock, he inserted a sacrificial piece into the cup. The piece was a disk with a 7/8" tenon on it which fit into the candle cup hole. He taped the sacrificial piece to the candle cup



and brought up the tail stock. He marked an outline of the shape with a

pencil to determine transition points. Arn used a bedan to remove some of the excess wood and turned the shape of the stem with his gouge. Once the stem was shaped, the piece was returned to true center to turn the base. The piece was parted off using a parting tool with a slight (about 5 degrees) slope on the point. This gives a cleaner cut to the bottom.



Arn briefly demonstrated the use of tilting the piece in the chuck to do multi-axis turning. The jaws on the chuck must have serrated teeth. You



have to be careful when using this process and check the angle before turning so that you do not "run out of wood".

Show and Tell



Dick Manteuffel
Oak Burl NE Bowl



John Shannon
Bowl



Alan Tapp
Walnut Toothpick Holder



David Wright
Box Elder Hollow Form



Cliff Goosman
Cherry NE Platter



Mike Pankion
Redwood & Curly Maple



John Prodoehl
Cherry Bowl



John Shannon
Cherry Bowl



Mike Pankion
Maple Burl Vase – Dyed



John Prodoehl
Norfolk Island Pine



Arnold Ward
Walnut Multi-Axis Piece



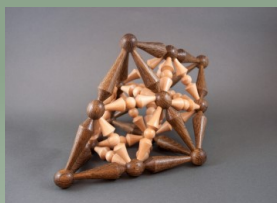
Mike Ball
Maple & Resin Box



Robert Hare
Knitting Bowl



Alan Tapp
Walnut Toothpick Holder



Robert Hendrickson
Oak and Beech



John Jackobs
Ash Kururin



John Prodoehl
Walnut Platter

Show and Tell



Dick Manteuffel
Oak Burl Bowl



Mike Ball
Maple and Resin Box



John Jackobs
Maple Hollow Form



Cliff Goosman
Ambrosia Maple Platter



John Shannon
Cherry & Blackwood Box



Ralph McKee
Honey Locust



Robert Hare
Bowl



Arnold Ward
Walnut, Maple and Pods



Mike Wolfram
Box



Brandon James
Spalted Birdseye Maple



Mike Ball
Maple & Resin Box



Ralph McKee
Walnut Jewelry Stand

Educational Opportunities

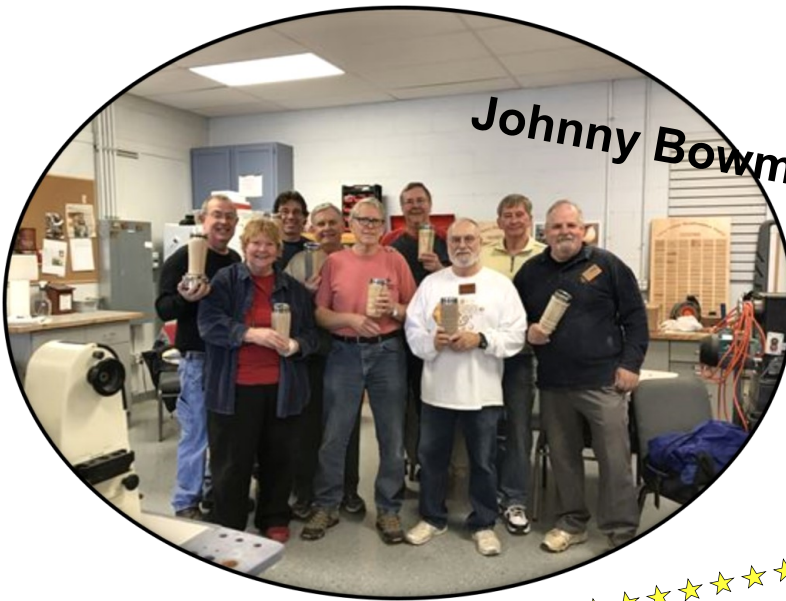
Plan on taking advantage of the many opportunities to learn from a professional woodturner right here in our Learning Center - May 21, Hands-on with Michael Mocho : Aug 14-16, 3 day class with Bob Rosand : Sep 17, Hands-on with Kimberly Winkle : Oct 16-18, 3 day class with Nick Cook : Nov 19, Hands-on with Janice Levi



TURNING·2017

· OHIO VALLEY WOODTURNERS GUILD SYMPOSIUM ·

— OCTOBER 13TH – 15TH, 2017 —
CINCINNATI, OHIO



Johnny Bowman's Travel Mug Class

Youth Turning

OVWG, in conjunction with the Kennedy Heights Arts Center will host a week of youth turning. The sessions will be conducted from 9:30 am to 2:30 pm, June 26-30, 2017. Mentors are needed. Contact KC Kendall to volunteer.



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Newsletter Editor David Wright
7203 Timbernoll Drive
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Past President: 513-755-8856	KC Kendall kckendall@cinci.rr.com
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Members-at-Large

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John Shannon 513-965-8873	john.shannon@cchmc.org
Ian Collins 513-221-0581	ascoli@fuse.net

Appointed Positions

Newsletter Editor:
David Wright
davidwright@fuse.net
513-805-8335

Webmaster:
Dave Kratzer
webmaster@ovwg.org
513-290-9609

Symposium Leaders:
John Albachten
albachj@ucmail.uc.edu
513-325-9002
KC Kendall
kckendall@cinci.rr.com
513-755-8856

Audio Visual Leader
John Richey
johnrichey3363@twc.com
513-769-5863

Learning Center Coordinator
KC Kendall
kckendall@cinci.rr.com
513-755-8856

Publicity and Marketing Dir.
Steve Shanesy
sshanesy@gmail.com
513-304-3735

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
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	René Keyzer-André	937-277-4717
	Gary Vance	937-667-4520

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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.