



OHIO VALLEY WOODTURNERS GUILD

February 2018

WWW.OVWG.ORG

A Chapter of the American Association of Woodturners

www.woodturner.org

Tim Yoder—February Meeting Presenter

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Woodturning and Paying it Forward

When I first started woodturning there were many turners who helped me out. I was amazed at how generous and open they were with their advice and techniques. Back in 2005 I had a chance to 'pay it forward' to my fellow woodturners. I worked (still do!) for RSU-TV a small PBS station. I pitched the idea of producing and shooting a show about woodturning. What I did not know was that I would end up on the other end of the camera as the host. After 25 years behind the camera it was quite a learning experience to be talking TO the camera. The kicker was that our first season was syndicated nationally and made available to every PBS station in the USA. Warts and all viewers got to see me teach woodturning while getting my legs on camera. Woodturning Workshop with Tim Yoder ran for 4 seasons and 65 episodes. It still reruns on the PBS Create network to this day. After the Emmy awarded show was put on 'hiatus' by the station management, my director and photographer Bryan Crain and I revived the show on YouTube. We have now produced over 110 new woodturning videos. With the support of you and our loyal sponsors we see nothing but great shavings ahead.

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

President's Letter



I am guessing that most of you will agree with me when I say that I am happy that January is over. While it is usually the coldest month of the year, 2019 was certainly one that we are likely to remember for a while. In addition to the cold weather I had the misfortune of having a hickory tree (about 12-14 inches in diameter) fall across my outdoor storage shed in the middle of the night. On the bright side I now have a lot of hickory to turn.

In spite of the cold weather January was a busy month for the Guild. We had the good fortune of having Kai Muenzer as our guest turner during the monthly meeting. His demonstrations of how to turn a lidded box with a tilted lid and a turned cabinet with drawer were things that most of us had not seen before. His classes on these topics were also well received by those who enrolled.

The monthly meeting for February should be especially interesting for most of you in that Tim Yoder will be here to show some of the techniques that have made him very popular on YouTube and on his Emmy award-winning TV show on PBS. His TV show is sponsored by Popular Woodworking Magazine. You can see some of his work by going to www.popularwoodworking.com. Once there click on the **Techniques** button - from the drop down menu click on **Popular Woodturning**. This will give you access to one of his videos on turning a bowl. Tim will be demonstrating several techniques during the meeting on February 16 and he will follow this with 4 different classes on February 17-20. They are as follows: Shipping Tube Ornament; Beginner Level Clinic; Banksia Pod Box; and Branch Wood Vase. You may register for any one or all four of these classes - all still have spaces available.

As most of you know, The OVWG depends heavily on volunteers. We have no paid employees so we are always looking for help/involvement from our members. There are many ways for you to get involved. This may include service on one of the many standing committees or a position on the Board of Directors. If you have the time and are willing to get involved in some way please contact me or one of the other Board members.

As I reported recently we have two Board positions that are open. I am pleased to report that the first, that of Director of New Member Development, has been filled (as of February 1) by Dennis Reed. Dennis has been involved in woodturning/woodworking for many years. His experience includes over seven years as manager of the Woodcraft Store and he now works as a part-timer at Rockler. I hope that you will join me in welcoming Dennis to his new position. I also want to remind you that we are looking for someone to take over the Secretary position. This is a very important position for the Guild so I hope you will give it some consideration.

As a result of the cold weather, the pen turning event which was scheduled back in January had to be postponed. It is now being rescheduled for March 9, 2019. The pens to be turned will be given to First Responders in the area. David Wright is in charge of arrangements so if you would like to participate please let him know (davidwright@fuse.net).

In closing I want to thank each of you for your continued support of the Guild. Members of the Board are here as your representatives. If the Guild is going in a direction that you do not like, I encourage you to let me or one of the Board members know how you think we can do better. At the same time we are also happy to have you tell us about things we do that you like. We will never make everybody happy, but our goal is to do the best we can.

Jerry Warner
President

Kai Muenzer Demonstration at the January Monthly Meeting

The first project Kai demonstrated was making a circular cabinet from a 2" thick hardwood disk. He began by truing the outside surfaces. Next he marks an 8" diameter line and a second line establishing the target wall thickness of 1/4". Precision is important. The tool rest must be parallel to the trued surface. The inside of the disk is hollowed with a bowl gouge using a series of push and pull cuts followed by a square scraper to get to the finished wall thickness. Shop made jigs are used to check for depth and square of the side walls. A small tenon is left on the inside of the piece so it can be turned, chucked and the other surfaces finished. The inside surface must be flat for the drawer brackets. A jig is inserted in side the cabinet to reduce vibra-



tion while the outside wall is trued and cut to it's final thickness. A home made wire hanger thickness guage is used to measure wall thickness. Kai recommends the drawer size be one quarter of the circumference of the piece. Suggested drawer part dimensions are provided on Kai's website <http://kaimuenzer.com/Woodwork/drawer-cabinet-calculations-for-turners/>. The drawer dimensions and its centerline are marked on a piece of masking tape. The drawer centerline is marked and the piece then the masking tape is aligned with the center lines and affixed to the piece. A Japanese saw is used to cut out the drawer front. The top of the drawer is cut first. The sides are cut next with the direction of the cut aligned to the center of the disk. Making a partial precut with a sharp knife helps make getting a good cut easier. The center point of the drawer front is marked and a 1/4" hole is drill for a drawer pull. The piece is reversed and the glued on tenon is removed. The drawer sides, back and bottom plus the drawer rails are cut on the table saw. A 1/8" groove is cut for the drawer bottom and the guide rails. 1/8" thick acrylic sheet is attached to the top of the guide rails to serve as drawer guides. The spacing between the rails and drawer is 1/16".

A support piece for the drawer front is turned and parted off. Five minute epoxy is used to attach the drawer front and the drawer support piece. Then the drawer knob is attached to the drawer front.



Kai Muenzer Demonstration at the January Monthly Meeting

The second part of Kai's demonstration showed attendees how Kai makes boxes with tilted lids. Once a woodturner tilts the lid you no longer have a circle. Kai recommends a ten degree tilt. The first step is to mark the true centers on your workpiece. Next the top side offset is marked to give approximately a 10 degree tilt. The work piece is mounted on true centers and brought to round. The surface is refined with a skew. Kai likes to add two beads for decoration. He uses a home made beading tool for this purpose. A tenon is cut on the drive center side. Then he moves the piece to the off center holes and draws a line to mark the bottom surface where the tenon will fit in. He

cuts in approximately 3/8". A spindle gouge is used to hollow out

the ring. The opening is squared up and the sides are checked for parallel with calipers. The ring is cut off and the ring interior is sanded using sandpaper mounted on a lathe driven tenon. Work then begins on making the top and bottom of the box.

The piece is rounded to a cylinder close to the final diameter and a tenon cut on both ends. The layout for the top and bottom is marked on the work piece. The pieces are parted off. He marks the depth the top will fit into the ring. A hole is drilled to mark the depth to hollow. The top is cut to the desired shape and the diameter adjusted to fit inside the ring. Kai likes the One Way terminator tool for hollowing. The diameter of the box base is adjusted to fit the ring. The base is hollowed and the outside is shaped to the desired profile then parted off. A thin Sorby parting tool with a finger nail grind to improve cutting is used for this step. The ring is epoxied to the top of the box base. You have the option of sanding the inside to have a smooth lip.



Upcoming/Ongoing Events

Feb. 16, 2019	Monthly Meeting - Tim Yoder Presentation
Feb. 17, 2019	Tim Yoder, Shipping Tube Ornament, Hands on Class
Feb. 18, 2019	Tim Yoder, Beginner Clinic, Hands on Class
Feb. 19, 2019	Tim Yoder, Banksia Pod, Hands on Class
Feb. 20, 2019	Tim Yoder, Branch Wood Vase, Hands on Class
Feb. 21, 2019	OVWG Board Meeting



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AAW's 33rd Annual Int'l
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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 demonstrations in many different locales. We have an "approved demonstrator" list that receives an email with a chance to volunteer for these events. If you would like to become a qualified demonstrator contact John Albachten, Director of Skill Development

January Show and Tell



Nancy Bowman



Bev Connelly



Jim Goethel



Robert Henrikson



KC Kendall



Dave Kratzer



**Mike
Kroeger**

**Denny
Melchers**



John Peter



David Wright



Arnold Ward

January Contest - Candle Holder

Master Division:

1st. John Richey
2nd. Johnny Bowman
3rd Nancy Bowman
HM. Gary Vance



Advanced Division:

1st. David Wright
2nd. Dan Schaiper
3rd. Cliff Gusman
HM. KC Kendall



Novice Division:

1st. John Jackobs
2nd. Bev Connelly
3rd. Cincy Cwi
HM. Rob Hendrickson



Best of Show



David Wright

Tips and Information from the AAW

What to do when you get tearout?

Tearout often happens when you're forced to turn up-hill against the grain. This happens frequently on sidegrain bowls, usually 180 degrees apart. It can also happen when turning segmented work if you're not careful in orienting the grain on all the pieces.

A freshly sharpened tool is essential as well as not forcing the cut. I find that it's very easy to push a tool too fast through the wood. You want to go at a rate that lets the tool cut. This can be a tricky thing to learn but well worth the effort. Speed up the lathe and slow down your feed rate and you may get rid of the tearout.

Tool presentation to the wood and the sharpening angle of the tool are also important.

I'll talk about sharpening angle first. My typical bowl gouge is ground at about 55 degrees. If I can, I'll switch to my 40-degree bowl gouge. If that doesn't work, then I will try my spindle gouge that I sharpen at about 35 degrees. Of course, you still need to rub the bevel for a clean cut and sometimes the 40 or 35 degree angle may be too acute. I am a big fan of the Hunter carbide tools for cleaning up torn grain. The reason is that the tool face is recessed so you get a cutting angle of about 30 degrees. The Hunter Osprey has the cutter tilted down at 30 degrees, so from the side the bevel appears to be the same as the 55-degree bowl gouge, which means it's easy to rub the bevel inside a bowl. However, you're still cutting with that very sharp 30-degree cutting edge.

Tool presentation to the wood can also help. You want the wood to go across the blade in a slicing angle. A very rough description is that you're using the skew as a paring tool. The wood comes across the blade at 90 degrees. This is a very fast cut but usually leaves a slightly torn surface. Swing the tool handle so the wood hits the blade at a 45-degree angle and you get a very clean cut. Spindle gouges and bowl gouges work exactly the same--it's just more complicated because of the curve. Watch how the wood comes across the cutting edge. A slicing cut will work better than a peeling cut. This can usually be accomplished by rotating the tool to change where and how the wood comes across the blade. The steeper the angle, the better the cut, usually. Really swirly wood grains or things like bird's-eye maple may not cut as cleanly with these severe angles.

Last but not least, use some sort of chemical to solidify the fibers. I use lacquer thinned about 50/50 with lacquer thinner. One or two coats usually works. It dries fast and is relatively inexpensive. For punky woods I may use five or six coats, letting it really soak in. I also use thin CA glue for smaller areas. The glue is too expensive to use on large areas but it works well. Be sure to let it dry. It's impossible to get off your glasses or face shield. Avoid the fumes, which can really burn your eyes. That's why I tend to use the lacquer.

I find most often on problem woods that it takes a little bit of all of these. I had a piece of green walnut that tested all of these procedures until I finally got it cut cleanly. It's worth the effort. I'm one of those strange people who don't mind sanding because I believe it's what brings the wood to the next level. That being said, I despise sanding torn grain. Two tricks I've learned to solve that problem. **First trick** is to stop the lathe and sand just the torn grain area. It's my belief that quite often these areas are mildly recessed so the sandpaper simply skips over them when you sand under power. Stop the lathe and sand just the area and it will reduce the time it takes to get rid of these marks tremendously. **Second trick.** Again with the lathe off, use a round cabinet scraper. It will remove tearout very quickly. It will leave a divot so you have to feather around the area with the same tool to sort of disguise the crater. It works very well and doesn't leave the lumpy summer/winter wood that you get with sandpaper.

The tip above comes from John Lucas. He has been working in wood for about 35 years. He has taught classes at John C. Campbell Folk School, Arrowmont, and The Appalachian Center for Crafts.

Meet the Turner

Name: Dave Kratzer

Occupation: Retired

Part of town you live in: Evendale



How many years have you been turning? 65+ I started on a metal lathe at a young age in my dad's shop.

How many years have you been a member of OVWG? 14 years

What is your favorite item(s) to turn? Challenging items made from 'crappy' wood.

What is your favorite wood and why? Ambrosia & Spalted Maple. I love the natural patterns God has put there. Maple turns and finishes nicely. And, it is usually FREE!

Do you have a favorite turning tool? Powermatic 3520 lathe and my half inch bowl gouge

Who/What was your greatest teacher/influence? My dad. Stuart Batty. They taught me how tools work and not how to make a project. If you know how the tools work you can make whatever you want. Nevertheless, I have learned something and gotten useful ideas from every demo, book, and video that have crossed my path. I strive to never stop learning and trying new things.

Favorite profession turner you would like to see demonstrate: Anyone I haven't seen before. Jimmy Clews is by far my favorite demonstrator but I always learn something from them all.

What was your happiest turning moment? Every time I complete a project that pleases my eye and has challenged my skill set.

When you look at your turnings, what do you see? Beautiful pieces of wood created by God and happy hours revealing that beauty.


In addition to woodturning, what other crafts/hobbies do you enjoy? Remodel projects around the house, messing on a computer, teaching others, learning to cook, I used to fly and flight instruct but no more.

Where do you see the world of woodturning going? With the plethora of products and tools now available and thousands of creative turners, it can only move further and further from 'brown & round' toward more complex and artsy projects. Nevertheless 'brown & round' of beautiful wood will continue to be a staple, especially for new turners.

Something you would not have known about me: I once landed a plane on the Great Salt Lake in Utah to watch a land speed trial.

Life and occupational skill areas: I have skills and experience in people and business management, mechanical drafting and CAD, all of the residential construction trades as well as upholstery, metalworking, machining, aircraft & engine repair, and maintenance. I also know my way around computers, network wiring, and basic programming skills.

What keeps me going on a relatively even keel? My Christian faith. Knowing that my Lord and Savior Jesus Christ loves me and will not tempt me beyond what I am able nor forsake me in time of trouble. Through thick and thin for 75+ years He has blessed me with interesting and challenging things to do and has surrounded me with a loving family and a large number of loving and supportive friends. This is a gift that I cannot deny and am forever thankful for. I try my best to pass this blessing on to those around me.



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OVWG Board of Directors

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VP of Facilities and Equipment 859-689-5136	Ron Hanssen rcflyer1954@yahoo.com
VP of Programs 937-239-1980	Nancy Bowman sgolf11@msn.com
Treasurer: 859-356-3281	Kurt Foglesong jfoglesong@fuse.net
Secretary:	Open (Acting is David Wright)

Appointed Positions

Past President: 513-755-8856	KC Kendall kckend@gmail.com
Director of Youth Turning: 513-321-2804	Bev Connelly blcnclm@fuse.net
Director of Skill Development: 513-325-9002	John Albachten albachj@ucmail.uc.edu
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Symposium Director 513-755-8856 513-325-9002	KC Kendall - kckend@gmail.com John Albachten - albachj@ucmail.uc.edu

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 John Albachten Mary Carol Meinken Dave Kratzer Mike Ball	513-771-5205 513-325-9002 513-521-1517 513-290-9609 513-324-3148
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East Side:	Gary Brackett Johnny Bowman Nancy Bowman John Shannon Lowell Converse	513-553-7474 937-239-1980 937-239-1980 513-956-8873 937-426-2646
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N. Kentucky	Pete Kekel	859-653-3520
Kenton Cnty:	Keith Bundy	859-781-5414
Campbell Cnty:		
Indiana:		
Southeast:	Gerald Williams	812-689-6545

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 \$15 for members and \$25 for nonmembers for all demonstrators. Attendees who are a member of another woodturning club will pay the OVWG member rate of \$15. First year membership dues of \$45 includes a wooden name badge. Subsequent year's dues are \$40. Use our secure website for all payments.