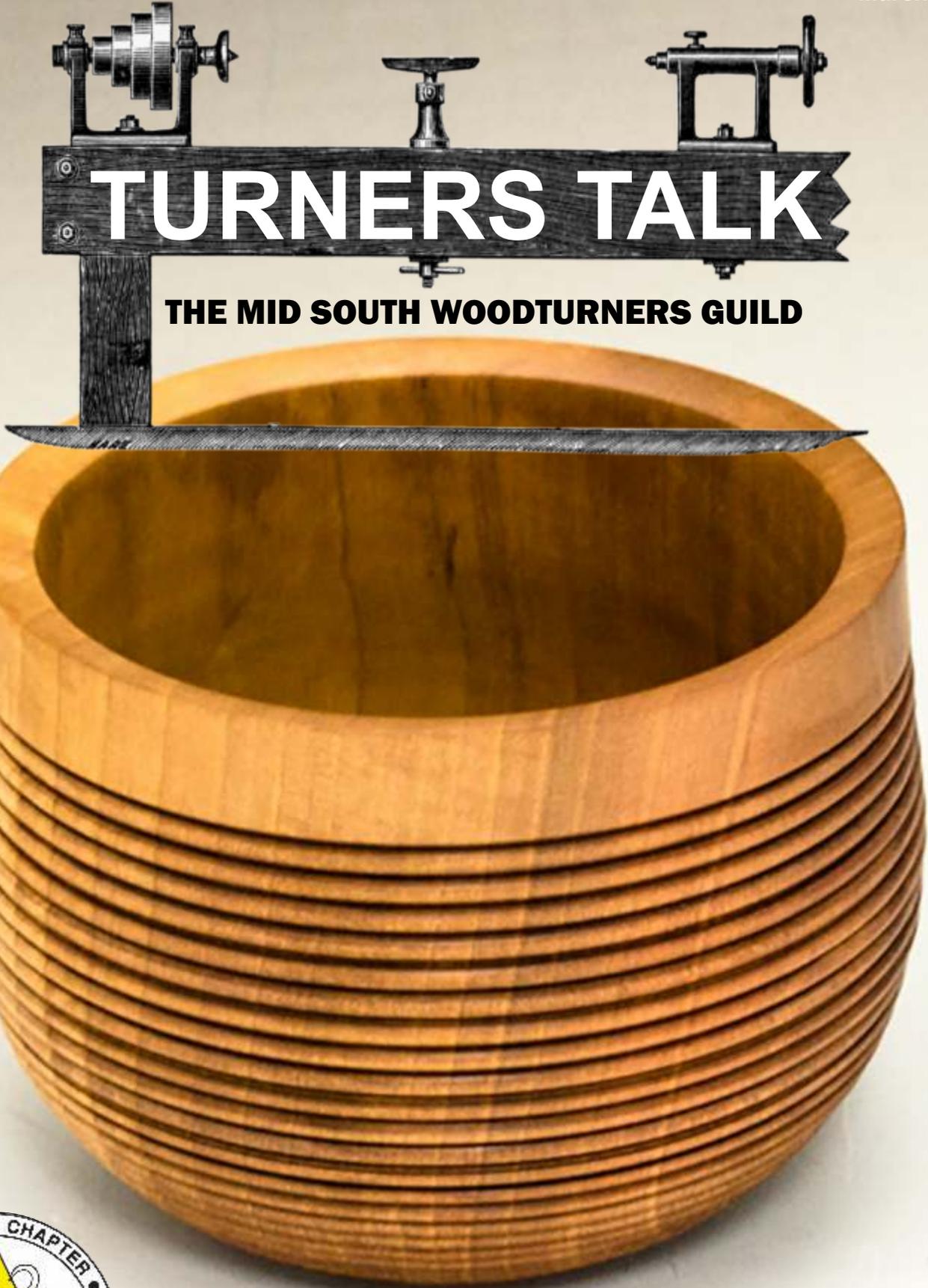


March 2018



TURNERS TALK

THE MID SOUTH WOODTURNERS GUILD



AAW OFFICIAL CHAPTER
AMERICAN ASSOCIATION
OF WOODTURNERS



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Peter Wiens was our demonstrator last month. He treated us to a demonstration of his Corded Bowls. Also a discussion on milk paint and it's effects on turned items. Thank you Pete for a great learning opportunity

President's Corner

By:
Mike Maffitt



Can you believe we have already completed a quarter of the year? I still find these time changes challenging at times.

We all have diversions in our lives that take away from our goals and I am no different. I want desperately to get my shop organized but find so many other things demand my time and attention. We were, with short notice, able to organize and open our display at Christian Brothers University. There were photos from our previous meeting to correct and touch up, flyers for our effort for the Beads of Courage project to organize and produce, March Madness is here and demands some attention, church commitments and home responsibilities. We tend to allot our available time to what is important to us at the time and fit things in around our jobs or every day norms. Don't we all want to find a "happy place" or balance between our shop lives and home lives? I appreciate, and am thrilled to see, all of the items that people bring in to our instant gallery every month because it took a sincere effort and was important enough to that person to produce that piece. Way to go guys, I am proud of each of you.

We close out March with a busy schedule seeing our meeting is on the 24th, highlighting Bob Wolfe demonstrating vacuum chucking. Don't forget that this meeting we will be turning in the first President's Challenge pieces which are the 6" or less weed pots. We will have prizes for the top pieces in each category. The following day, for all who

are interested in our "Beads of Courage" program, we will be meeting at Skip Wilbur's shop at 2:00 in the afternoon. This will hopefully allow enough time for the people attending church to clear their afternoon slates and come on out. This meeting we will be using as an orientation class to acclimate each of you to the process we will be using to create our boxes for the program. We are very excited about the potential of this event and look to see everyone there. We have already had numerous people contact us offering support for this program and we anticipate it being highly successful.

One of our members who has always chipped in with a helpful, pleasant spirit, Matt Garner, underwent a medical procedure on Friday the 16th of March and could certainly use your prayers and encouragement. Matt, who is the current treasurer of our club, will have a 3 to 4 month recuperation from his surgery. I spoke with Joseph Voda, who has been treasurer for the club in the past, and he has agreed to step in as interim treasurer until Matt is ready to take back the helm. Thank you Joseph for stepping up.

See you Saturday!
Keep turning everyone.

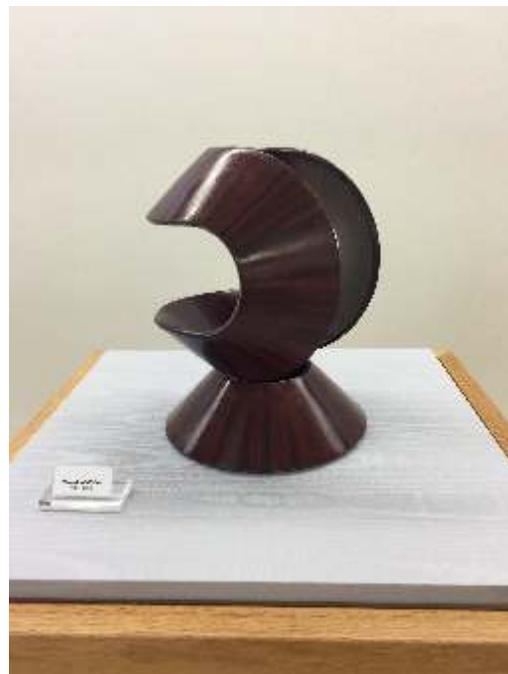


President's Corner cont.

The Beverly & Sam Ross Gallery at Christian Brothers University opened the 9th of March and we have 16 pieces from our club members represented in the Christian Brothers University Library until May 2nd. Come and see your club in action.



President's Corner cont.



Shop Talk

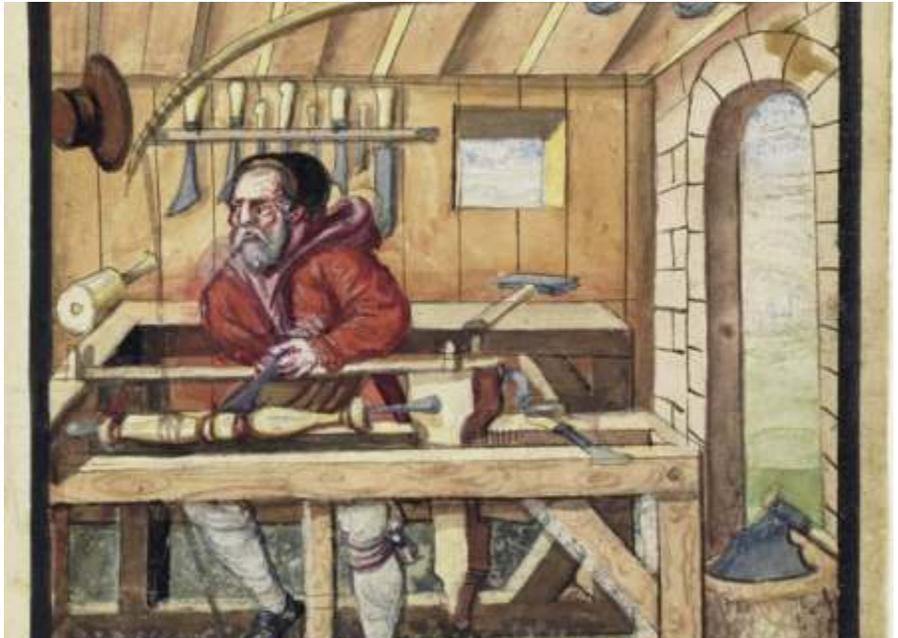
By: Eric Caron

Last week I was fortunate to visit with Larry Cutliff at Rolling Hills Angus Farm. We all know that a visit to a cattle farm isn't complete without a barn tour, but not everyone has a complete woodworking shop in their "barn". With that you are warned: Cow pies ahead!

As with many farms, Larry was running out of room to do what was needed, while still allowing necessary farm and tractor repairs. So a 42' x 60' metal building was born, with 16' height, and a sizeable loft on the far end. The near end, of course, has a large retractable door for said tractor.



This building is well insulated, and coupled with a concrete slab that is insulated at the periphery to 24" deep, which means for a very temperature-stable environment (e.g. the floor never sweats). Central heat and air was not part of the original plan, but providence allowed this to be incorporated into the space.



When first entering the shop, you realize quickly this space serves many needed functions for the farm: metalworking, welding, farm chemicals, field supplies, you name it. There is shelving and bench space for this non-woodworking work, which might take up 1/6th of the floor space. The rest of the space is dedicated to woodworking and woodturning.



Shop Talk *cont.*

Woodturning inspiration? Many know Larry does some woodturning though that is usually not his primary focus when shaping wood in his shop. His Delta midi lathe is his workhorse currently. He has a corner up in the loft completely dedicated to turning, including his casting equipment and wood blanks. In fact, Larry is perfecting the skill of Alumilite casting and turning some of his pastured manure into pens. Yes, you read that right. Soon enough, Larry will be selling his line of Bullshit pens from Rolling Hills Angus Farm! You may have seen BS pens out there, but none of them are made of real manure. Think of the tons of material he has! That's a ton of...you can fill in the blank. Buy fresh, buy local!



There are a number of horizontal and vertical lumber storage areas along the walls, mostly built with 2 x 4 stock and 3/4" EMT pipe. We'll just say that there is a healthy amount of lumber in the shop. He built a very large 8' lumber cart, and

a smaller 4' cart for cutoffs. Cutoffs from what? Well, there are a few Festool tools (and DC), like the tracked circular saw, that get regular use on a dedicated 4 x 8 foldable cut table, as well as a Kapex sliding chop saw. A 3HP Sawstop does the fine cuts and provides for safety.



Shop Talk *cont.*

After that he can bring the wood to a 12" Grizzly jointer and a 20" Jet planer for further dimensioning.



Here is a good time to mention that there is an integrated, dedicated Clear Vue cyclone dust collection for all these larger machines. A couple sanders, notably oscillating belt and spindle sanders, and a disc sander, help to finish profile shaping. There is also a very large (36" ?) Super-Max double drum sander, set up with two grits for single pass finishing. Then there is a 17" Grizzly bandsaw ready to handle most any cutting needs, with a drill press, all on moveable bases. Have I mentioned there is a dedicated paint booth in there as well?

a large planning/assembly work surface. This makes for a clean area with lots of storage. There is a refrigerator and a popcorn maker – anything missing?

At the back of the shop are tall metal cabinets and shorter cabinets that are combined to make



Shop Talk cont.

Woodworking inspiration? A few years ago Larry bought a 18" x 48" Legacy CNC router machine, and decided to visit the manufacturer in Utah for proper training. As he and his wife visited they were impressed with the potential of one of the new Legacy CNCs, so they came home with a new 4' x 8' CNC, which was not part of the original shop plan. We'll find it in our hearts to forgive him.

This is a huge machine with a 13 HP motor head, and has a spindle turning ability, which looks like it can turn an 8' baluster. Of course, there is a dedicated dust collection vacuum for the CNC – it creates an incredible amount of fine dust. The

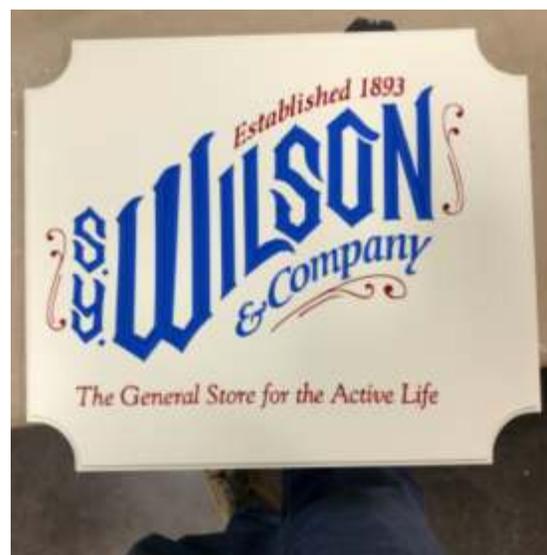


possibilities on this CNC are limitless, and part of the reason is the software, which can render 3D profiles from 2D images. The MSWG Lifetime Achievement plates were detailed on this CNC.

Current work? Larry recently completed a large display for his grandson who is in the JROTC, and the software rendered a 3D profile of the JROTC emblem. Very impressive, and the JROTC made a special mention of this when they saw it.



While the CNC can excel at making signs, the user's imagination could quickly become the limitation, but not with Larry.



S



2d jpeg image



3d CNC carved and plated



3d CNC carved and hand painted



2d jpeg image



3d CNC carved and plated



3d CNC carved and hand painted

You will be impressed as well with his work (plug for the Plate-All finished insignias).

Larry, thank you very much for your time and willingness to share your shop space with our fellow

woodturners. I can only imagine hours of enjoyment in this dedicated work space, which has all the necessary details to allow you to challenge yourself in your woodworking endeavors.

Instant Gallery



Bradford Pear

Avi Pelc



Joseph Voda



Cherry

Instant Gallery cont.

Dennis Paullus



Carved Tagua Nuts



Copper Finial Box

Mark Maxwell



Cherry

Instant Gallery cont.

Jim Dunham



Cherry



Pear

Jim Tusan



Magnolia

Instant Gallery cont.

Jonas Nemanis



Bradford Pear

Kieth Burns



Bradford Pear

Instant Gallery cont.

Larry Sefton



Mahogany "Circle of Retirement"



Scrap Wood Antlers

Sylvie McDowell

Instant Gallery cont.

Rick Cannon



Rich Williams



Instant Gallery

Rich Pohland



Ralph Fetsch



Blood Wood

Beads of Courage Initiative



A group of club members led by Mike Maffitt and Skip Wilbur have decided to re-start the Beads of Courage Charity initiative. We are going to change it up a little from the past. Our plan is to create a standardized “box” and create them during club “Turn-In” events.

As Mike said in his recent email, “The first “Turn-In” for our Beads of Courage boxes will be at Skip Wilbur’s house Sunday the 25th of March. This first event will be an introduction to the process we propose in making our boxes and we look to standardize everything we do. Our follow up meeting will be at Larry Cutliff’s shop on the 7th of April as we continue to finish up our first batch of boxes. I think together we can make a meaningful impact in the lives of some sick children.”

“Don’t forget! We can use any 3/4” stock donations that people may have laying around their shop. We can also use any monetary donations anyone is willing to contribute for this project. We will have to eventually buy plywood and dried 3/4” lumber stock to produce the boxes. The beads for the Beads of Courage project are \$25.00 for 20 pieces. We will also have to buy finish for the pieces. The link to purchase the beads can be found here: [Beads of Courage - Arts in Medicine for Children with Serious Illness](#)”

The following page is a flyer put together by Mike Maffitt to inform our club members of the initiative.

Also following are the instructions we plan to use to create these standardized boxes. Suggestions are welcome.



beads
of COURAGE®

Providing Arts-in-Medicine for
Children with Serious Illness



The Mid South Woodturners Guild is making a special push to build boxes for children who are being treated at Le Bonheur Children's Hospital. The project is called "Beads of Courage" and gets its name from the presentation of a bead for every procedure the child goes through during the treatment of their disease. Many children endure hundreds of procedures during their treatment and the boxes the program builds allows them to collect and keep their beads in a container. There are specific size requirements for these boxes and the box we have chosen to produce will be a staved vessel using 3/4" stock cut into 6" lengths. We will be making a bottom and top out of 3/8" birch plywood and turning a nice handle for the top. We are hoping for a very successful program and hope to make hundreds of boxes that these children can appreciate and use during their treatment.

You can be a part of this effort by helping supply any 3/4" hardwood stock that you may have laying around your shop. Using staved construction, we can utilize any hardwood piece that is larger than 2 1/4" x 6 1/4" x 3/4" and any birch plywood piece that is larger than 6 1/2" square and 3/8" in thickness. There are also beads that have to be purchased that are incorporated into each box produced and a pack of 20 beads can be had for the price of \$25.00, which includes shipping. If you follow this link to their website; <http://www.beadsofcourage.org>, you can click on the Artist link at the top of the page and then click the Information for Woodturners link. At this site you will find guidelines for building appropriate sized boxes, a link to Volunteer as a Wood Turning Associate and a link to order beads. If you want to donate beads for our project, you can order them and take them to **The Woodwork Shop** and we will collect them from the good folks there. There is no donation too small or too large and we look forward to partnering with the community of wood workers in the Mid South area to help these children face a daunting battle for their lives.

If you would like to donate materials you can contact the President of The Mid South Woodturners Guild at; mcaffitt@yahoo.com. We have an instruction sheet we have produced showing our intended construction methods on our Charities page on our website; <http://www.midsouthwoodturners.com/Lebonheur.html>.

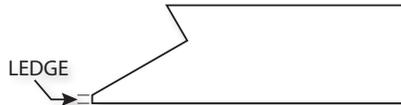
Thank you for your support.



Beads of Courage Box Creation Steps

Step 1: Prepare wood stock into $3/4'' \times 2 \ 3/8'' \times N$ (where N = whatever length of stock you have in your shop. Sand stock.

Step 2: Run a groove with a birds mouth 12 sided bit set to a height of $11/32$ until there is a ledge of about a 16 th left. This ledge is necessary to run along the fence as you route the board. You can then run these lengths through a planer or sander to remove the ledge. This provides a smoother surface on the inside of your box.



Step 3: Cut these lengths of stock down to 6". You will need 12 pieces to complete one box.

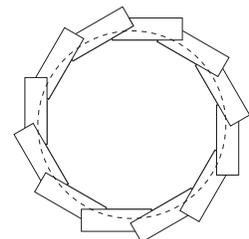
Step 4: Lay pieces out with the long side facing the inside of the box.

Step 5: Route a $3/8''$ dado, $1/4''$ from the bottom edge into each piece $1/4''$ deep to accept the base.



Step 6: Prepare a $3/8'' \times 6 \ 3/8''$ round blank as the base and sand to desired finish.

Step 6: Glue all joints and working quickly, assemble the staves capturing the bottom into the dados and clamp with bands. Set aside to dry.



Step 7: Mount dried box assembly to your lathe, with an expansion chuck and support from your tailstock utilizing a cone shape plug, and turn the outside round and cut a rabbet into the lip to accept the lid approximately $6 \frac{3}{8}$ " x $\frac{3}{8}$ " deep. Sand to desired finish.



Step 8: lay out a $\frac{3}{8}$ " piece of baltic birch plywood and scribe a $6 \frac{3}{8}$ " circle. Drill a $\frac{1}{4}$ " hole in the center, take to the bandsaw and cut the piece out leaving the scribed line plus $\frac{1}{16}$ " - $\frac{1}{8}$ " which will be finished at the lathe or sanded off.

Step 9: Mount the lid blank on lathe and turn or sand piece down to a $6 \frac{3}{8}$ " circle.

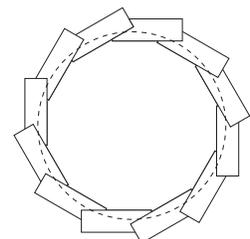


Step 10: Turn a knob and button which accept a $\frac{1}{4}$ " dowel and insert through lid and glue pieces together to make a tight fitting knob.



Step 11: Finish as desired.

Document prepared by:
Mid South Woodturners Guild - 2018 rev1



Upcoming Events 2018

March 24	Bob Wolfe - Vacuum Chucking
April 28	Rick Stone - TBD
May 26	Antony Harris - Smoking Pipes
June 23	Joel Benson - Chainsaws and Trees
July 28	Mike Mahoney - Streaming demonstration
August 25	Larry Sefton - Using casting resins and making molds
September 22	Mike Maffitt - 4 Sided Triplet Weed Pots
October 20	Oktoberfest
November 24	TBD
December 15	Christmas Party

Don't forget to see Joseph Voda (filling in for the recovering Matt Garner) to pay your 2018 dues if you have not already done so. Dues will go up to \$35 at the end of the March meeting

Mentor Program

All members of MSWG are invited to contact the following mentors to learn a new technique, improve their turning skills or turn something different. Mentors are volunteers and do not charge.

Contact information is on our website under Members Only and the Roster. Sessions should last no longer than 3 hours and be scheduled at the convenience of the mentor.

Benson, Joel	Wood Selection, Turning Green Wood, McNaughton Coring, Chain Saw Sharpening/Maintenance, Chain Saw Use/Safety
Cannon, Rick	Segmented Bowls
Maffitt, Mike	Bowls, Platters and Native American Flutes
Pillow, Wright	Inlaying: Marketry, Inlace, Epoxy
Sefton, Larry	Milk Paint, Make Your Own Pyrography Unit, Hollow Forms
Stone, Rick	Finials, Bowls (incl. Natural Rim), Boxes, Spindles, Carving, Finishes, Pyrography, Making Tools, Turning Tool Basics (incl. Sharpening)
Tusant, Jim	Bowls, Hollow Forms, Pyrography, Carving, Dyeing, Tool Use
Voda, Joseph	Spindle Turning (e.g. Ornaments)
Wilbur, Skip	Bowls, Hollow Forms, Goblets, Finials



Segmented Woodturners Symposium

A Chapter of AAW

October 12-14, 2018

Looking for an opportunity to expand your turning knowledge and direction. You should consider attending our 6th symposium in ST Louis, MO on October 12th – 14th 2018.

The list of demonstrators is top notch, Bob Behnke, Martha Collins, Robin Costelle, Tom Lohman and Curt Theobald just to mention a few. “Our intention for selecting these demonstrators was to cover as many topics as possible, to provide topics that have not been covered before, and to have demonstrations that would cover skill levels from beginner to advanced.”

Please visit our website [SWT Symposium](#) Overview to learn more about this great opportunity. If you have any questions please don't hesitate to contact any of the Board Members on the website under Contact.

Club Sponsors

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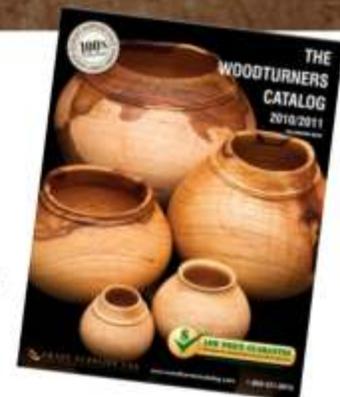
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