

# WOODCHIPS

# 2018



## Volume 24

[www.kcwoodturners.org](http://www.kcwoodturners.org)

## Number 4

**May Challenge:**  
Something captive

**Check the Silent Auction**  
Follow KCWT on Facebook

**May Demonstration**  
Kevin Neelley will demonstrate  
two Trent Bosch tools-the  
stabilizer and the visualizer

# DEMO

This months demonstration was provided by **Jerry McMaster** who showed how he makes his captive and rotating spheres.



He started with a give-a-way of something that could be used to protect tools. Then went onto turning scarves which are made by his wife to protect his head from flying wood and they also cover the scars he has from the shenanigans he engaged in as a child. He described his captive ball as Jason Clark's, Saturn bowl without the bowl. He showed a couple things that he'd made and he called it a curiosity box because it is so curious, how does the ball rotate, and I can put my curiosities ion it.

He uses a carpenters square to do the layout of the part that is going to contain the ball, marking the centers and drawing a line so that the blank is square to the lathe and he knows where the center of the piece is.



He said that in doing demonstrations one is generally using a strange lathe but even more than that is the unfamiliarity of the tool rests so "I brought my own." He related that he brought his own drive as well. Its was a safety drive and he cut three notches in it. It turns the piece but if he gets a catch it will spin.

The goal in turning the piece is to try and leave no tool marks. "I haven't gotten to that point but the goal is still there."

"Turning this piece is a lesson in keeping your hands on the right side of the tool rest. When I am finished if I have all my digits and no injuries there is cause to celebrate."

The first task is to turn a thin piece with a cylinder in it.

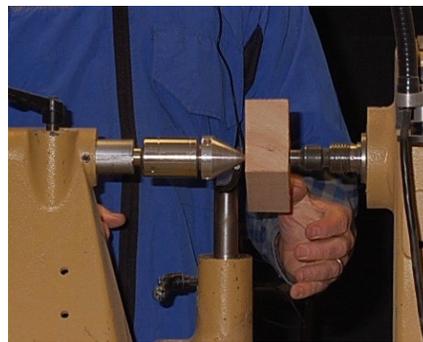
It helps to remember that you are turning more air than wood so you need to keep your finger on the tool and hold it to the rest so that it doesn't slide forward into the piece.

Make sure that you are using a vey sharp tool sand that you are taking very small bites into the wood. It is easy to get a catch.

Keep gong back and forth from front to back till you get it about 1/8 inch thick. There is a cylinder on each side that will be used to make the ball.

Making the sphere becomes more of a scraping operation than anything.

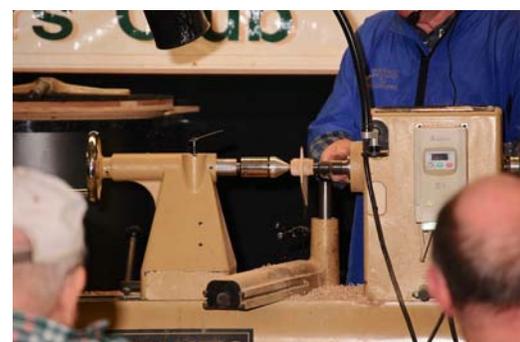
The think that I find most difficult is to match both sides of the sphere. I usually end up with one side flatter than the other. It just takes practice. Just take your time - don't rush.



It is difficult using a spindle gouge because of the angles involved.

In separating the sphere from the lid the tool he started using was a skew and after seeing Jason Clark's demonstration he made a parting tool very thin and it does a better job.

You have to cut in from each side about half way into the lid to separate the ball from the lid. One of the things that helps is that line that I drew on the center of the blank before I even started turning. One can't put much pressure on the tool as the tip is very thin. Let the tool do the work and you just guide it.





While all eyes are on Jerry and his activity, **Jack Karstens** is busy monitoring the TV camera and **Ann Mellena** is rushing around taking pictures of all The Challenge and Show And Tell pieces.

The last thing I do is to take the nubs off the ball and I just always use a spindle gouge. Use whatever works best for you. Heck, if you use 80 grit sand paper you might not have to use a gouge or knife.. If you sand with the grain you might not have much difficulty getting rid of the sanding marks.



Mark Parson Adhesives. It has no odor, has a build in time delay before it starts to set up. I use it to finish all my work. He took a piece of maple, and cut it smooth. He demonstrated he difference between a scape and a cut. Make a cut and let the tool do the work. Don't use your hands, have your body make the motion for the tool. You can get a good planing cut with any tool.



He started sanding with 220 and progressed to 400 and then 800. He completed the sanding by using a random orbital motion with 800 grit because that motion obliterates any visible sanding marks.



Then he used CA glue. Make sure that you slow the lathe down. He flooded the wood with the glue and then wiped it down "take it completely off the surface of the wood." He said he usually lets it set overnight to make sure that it polymerizes before he buffs it.



## What's Stopping You?

While many woodturners can and will turn just about anything, most have a desire to excel or master a particular skill, technique or form and this often changes as we travel along our woodturning journey. Unfortunately, some become discouraged, their passion fades and they move on to explore other interests outside woodturning. If I am describing you, please let me know. You are certainly not the first nor will you be the last to encounter this problem. A brief consultation with an experienced turner can often reveal that just one or two small “tweaks” is the only thing standing between you and success. Don't give up just yet. Take advantage of the wealth of resources and experience that KCWT has to offer. I'm living proof that someone with minimal skills and even less ability can achieve their goals with some help. This is to say that while I may not personally have the solution for you, I can sure put you in touch with someone who can. So, what's stopping you?



## Outside Events:

- **KCWT Picnic** - Plan now to attend the annual KCWT Picnic on June 16<sup>th</sup> at Shawnee Mission Park in Shelter House #6 from 10:00 AM to 3:00 PM. If you have not attended in the past, you owe it to yourself to come. This is a really fun event at an outstanding location with great food and camaraderie. Stay tuned for complete details to follow soon.
- **Maker Faire** - Union Station will be the site on June 23<sup>rd</sup> & 24<sup>th</sup> for us to again showcase KCWT's skills and abilities to the public, sell items and recruit new members. Plan now to schedule time and volunteer to help make this event successful by turning, staffing, set-up, etc. Look for a sign-up sheet to be circulated at our next meeting on May 14<sup>th</sup> and contact Shaun McMahon with any questions. This is always a fun event you won't want to miss.

- **Request for Featured Items** – Several members have expressed interest in owning finished pieces made by other members and after consideration by the Board, we decided to expand the Silent Auction at our members meetings to including a Featured Item. A Featured Item would be a finished, signed woodturning piece donated by a member that would be highlighted and advertised before the meeting. It most likely will have a reserve value or minimum bid attached to it and may also be Blind Auctioned. This is where each bidder writes their name and bid on paper then places it into a sealed container until time expires then Auctioneer opens container and announces the winner with the highest bid. To make this work, we need donations and request that you review your inventory of finished items to select a donation for the Club. Please contact me, Kevin Neelley or any Board member with questions and we will gladly accept your donation. Kevin Neelley has provided one of his turnings as our first Featured Item at our next meeting on May 14<sup>th</sup>. Be sure to check email for a picture and description of this gorgeous item and prepare your bid now to take this home.
- **Donations for Silent Auction** - If you have more wood than you can turn, bring in a piece or two in for the KCWT Silent Auction during our monthly meetings. We are particularly looking for sealed logs and pieces that are “lathe ready”. Think about pieces that could be used by a turner without a chainsaw or bandsaw to turn boxes, bowls, platters, you name it. We are also accepting lathe tools (handmade or store bought) along with any related woodturning items. Contact me or any Board Member if you can donate or have any questions.

Please check our website ([kcwoodturners.org](http://kcwoodturners.org)) often and consider it your source for the most current information about club activities and events. It is also becoming a comprehensive resource for all things woodturning. Bookmark it on your computer and create an App on your smart phone for quick, easy access anytime.

I hope you enjoy this addition to WoodChips and find it helpful. Please let me know if you have any thoughts or suggestion on how I can improve it.

Happy Turning and Be Safe!

## Mike Thomas

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# THE CHALLENGE

This months Challenge was to make a **TOOL HANDLE** like **Mike Erickson** did in his demo last month



**Rick Bywater**



**Stuart Shanker**



**Jerry Darter**



**Skip Siskey**



**Larry Dice.**



**Don Frank**



**Jeff Campbell**



**Andrew E. Mitchell**



**Bill Secret**



**Chuck Levinson**



**David Stallings**



**Don Carlson**



**Howard Russell**



**Linda Carlson**



**Jack Karstens**



**Jim Reynolds**



**Phil Royer**



**Ed Jasczak**



**Kris Coyan**



**Mike Thomas**

**Wednesday Wisdom: Incorporating Natural Features**

"When I begin a piece, the main focus is capturing the natural features from its original form. Taking advantage of each unique portion allows the material to display its natural potential. Having full control over something completely original makes it easy to highlight its elegant beauty. Butchers would agree that the best meat is near the bone, and the same goes with figure and grain patterns in wood. All burl wood and highly figured material has the most interesting grain patterns, character, and beautifully figured designs near the exterior of the tree."

-Dan Tilden, 2018 Portland Symposium Demonstrator

To learn more from Dan, register for the symposium today: <http://www.woodturner.org/?page=2018PortRegistration>





SHOW



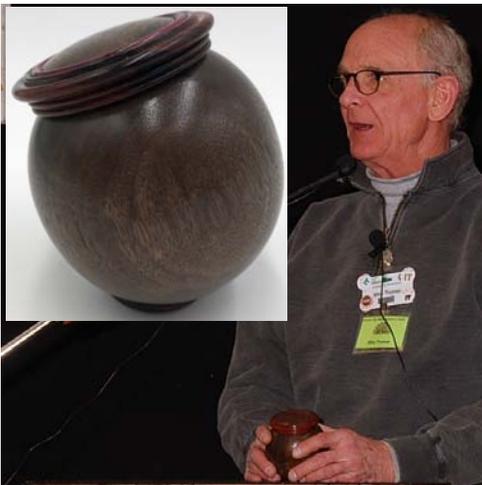
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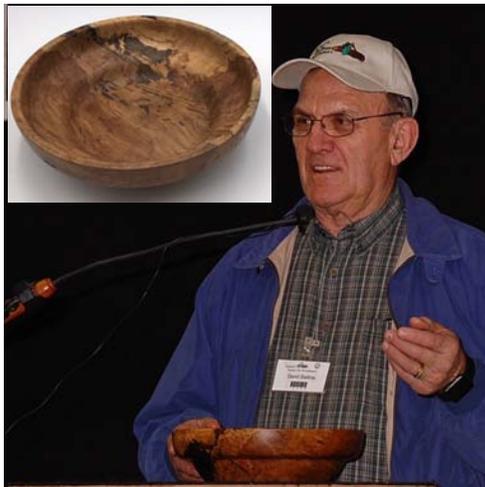
**Tony Giordano** - Red Oak log and had a really ugly color and so he dyed the outside black. At the Symposium vendor had some pearlescent coating and he used it as well. **Anthony Harris** - brought some boxes he was experimenting with using an insert on the top and then finishing both sides of the insert. He called it a picture frame box. He also brought some with lids that you can see through. **Don Frank** - Three hollow forms one made out of a walnut burl, another one was a piece of sycamore burl and he ended up doing a Trent Bosch knockoff, vessel of illusion.



**Mike Thomas** - showed Kevin Neelley's lidded box that will be in the silent auction. **Andrew E. Mitchell** - brought a spinning top and he made this at the Excellence in Wood Show. Length is 5 quarters of the diameter and he is pretty happy with it. He is also happy in taking a new job that will have him more out of the area but he will be back for some meetings. Best of luck Andrew E. We will look forward to seeing you. **Dave Randall** - he is a new turner having joined recently and was able to go to the Campbell school with Tom Boley. Spent five days turning bowls and brought in some of the ones he made. He was also in the weekend class for platter turning and brought some of them as well. He was very impressed with the school and plans to go back. Welcome to the club Dave.



**Chuck Levinson** - Went to the Lees Summit Excellence in Wood show, was impressed with the demonstrator and used up a whole bunch of wood and made a heck of a lot of birdhouses. **Rick Bywater** - a piece of wet red oak that he turned to size the first turning and it warped a bit. Put it in a Costco lawn bag (that's the trick). **Sue Bergstrand** - Sue missed a couple meetings so she brought in things that she made for the Challenge, a platter, Saturn bowl and "it actually turns."



**David Stallings** - wood pile in the neighborhood and he salvaged this piece but it was sort of rotten. He kept turning till he hit some Spaulding and he really liked the colors. No idea of what the wood is. Just "nice." **Jeff Campbell** - Piece of walnut and it came out pretty good and he also brought one that he made from an idea he saw on Pinterest. Liked the way the wood on the side looks a bit like a hologram, shimmering. **Kris Coyan** - he also likes Pinterest and saw a game having to do with tops and beads and he made one. But, if you get too excited the beads can fly off the disk so he put a clear cover in it because Vergil suggested that he do that. He also made a game that requires some practice to get the top in the hole and it looks a lot like a golf green.

# TIP

## Small projects

Sometimes a woodworm screw is just too big or long for your project. You can easily make a screw chuck for small projects of a production nature. Mount a scrap of wood onto a faceplate (or use a threaded glue block screwed onto a woodworm screw).

A #10 machine screw will hold well for small projects where you are only taking light cuts. With the faceplate and wood scrap mounted onto the lathe, drill a center hole for the screw. The hole should be small enough in diameter for the threads to hold the screw in place. Remove from the lathe and screw the screw in from the back.

Remount and turn a taper to match the bottom of the project. You can use this taper as a visual reference to size your project without the need for calipers. This is a great technique for small production-style projects like knobs or chessmen.

A small amount of thin CA glue applied to the screw threads before screwing the workpiece onto the screw will provide additional holding, yet the piece can still be removed easily.

Smaller-size shop made screw chucks provide fast and easy mounting of small projects such as chessmen (right). Use a lag bolt if more support is needed, as shown in the example on the left that uses a faceplate and a scrap of plywood.



If this topic is of interest to you, you can get a whole article about it and wormscrews in the August 2013 issue of *American Woodturner*. It is available on the AAW website.

# KCWT NEED

When we offer woodturning classes to beginners we frequently have people show up who have no tools. We want to be able to provide the tools that they need for the class. We have a couple sets but could use quite a few more. If you have extra 3/8 inch spindle gouges, spindle roughing gouges, parting tools, bowl gouges, skewers that you are not using please consider donating them to KCWT.

Bring them to a meeting or to Open Shop on Thursday evening or Saturday morning.

# How to Be Prepared

Dennis Belcher

Something  
good to think  
about

**Y**ou've read about safety and you've adopted safe practices in your workshop. You're collecting the dust, wearing your faceshield, keeping your head out of the danger zone, and avoiding cowboy stunts with large, irregular, and cracked chunks of wood. But by the very nature of what we do, accidents will happen. Here's a quiz that's designed to prepare you in advance, first by making you aware of some less-obvious things you can do to reduce your risks, and second, by increasing your awareness of what needs to happen after an accident occurs.

The challenge to you is to make a copy of the quiz, take it to your workshop, and complete each question. Take corrective action on those items you realize need to be improved. Bad habits can be changed, but only if we stop to consider the things we do that may be unsafe, and strengthen the safety practices we've learned.

The nearest phone to use in an emergency is \_\_\_\_\_.

Nearest hospital approved by my insurance carrier is \_\_\_\_\_.

Nearest prompt-care facility approved by my insurance carrier is \_\_\_\_\_.

Ambulance service closest to my home is \_\_\_\_\_. They are \_\_\_\_\_ minutes away.

I summon an ambulance by calling \_\_\_\_\_.

If I need help in the shop from my spouse or neighbor, I call \_\_\_\_\_.

My shop fire extinguisher is located \_\_\_\_\_.

The charge of my fire extinguisher was last checked on \_\_\_\_\_.

I regard my dust collection system as \_\_\_\_\_ inadequate \_\_\_\_\_ adequate \_\_\_\_\_ good \_\_\_\_\_ superb.

I consistently wear hearing protection in my shop \_\_\_\_\_ yes \_\_\_\_\_ no.

The electrical service/supply in my shop is \_\_\_\_\_ inadequate \_\_\_\_\_ adequate.

My plan if I develop an allergic reaction to a wood species is \_\_\_\_\_.

I have a faceshield \_\_\_\_\_ yes \_\_\_\_\_ no.

I wear a faceshield or safety glasses/goggles when I turn \_\_\_\_\_ never \_\_\_\_\_ sometimes \_\_\_\_\_ always.

I wear a dust mask or dust helmet when I turn \_\_\_\_\_ yes \_\_\_\_\_ no.

I consistently use properly sized tools for each project. Large tools for larger pieces, small tools for small projects \_\_\_\_\_ never \_\_\_\_\_ sometimes \_\_\_\_\_ always.

I have reviewed the near-accidents I have experienced on each machine that I own \_\_\_\_\_ yes \_\_\_\_\_ no.

I know and stay out of the "line of fire" for my lathe \_\_\_\_\_ yes \_\_\_\_\_ no.

I sit outside the line of fire when watching a demonstration \_\_\_\_\_ yes \_\_\_\_\_ no.

I have a safety stop for my lathe that is out of the line of fire \_\_\_\_\_ yes \_\_\_\_\_ no.

I use the tailstock when roughing out \_\_\_\_\_ never \_\_\_\_\_ sometimes \_\_\_\_\_ always.

I use the tailstock when turning out-of- round pieces \_\_\_\_\_ never \_\_\_\_\_ sometimes \_\_\_\_\_ always

The tool in my shop that I most need to improve/change/review my work habits from a safety standpoint is \_\_\_\_\_.

I use a safety shield to protect spectators when doing a demonstration \_\_\_\_\_ yes \_\_\_\_\_ no.

I clean and organize my shop regularly \_\_\_\_\_ yes \_\_\_\_\_ no.

The woodturning tool that I am most afraid of is \_\_\_\_\_.

I need to change my use of \_\_\_\_\_ to improve safe work habits.

My body clock makes \_\_\_\_\_ the most dangerous time of the day to work with power tools.

The one thing that I should do to improve the safety of my shop is \_\_\_\_\_.

# SILENT AUCTION

## New aspect to the auction.

One of the things frequently heard around the club house is that members talk about how great it would be to have a piece turned by another member. If you have ever had that thought then here is your opportunity. We have started to include a turned piece by a member in the Silent Auction at the Membership Meeting.

This piece is donated to KCWT and the club reaps the benefits of the bidding. So come prepared to not only bid on items that are in the auction but on this special piece as well.

The first piece is donated by **Kevin Neelley** who is the treasurer of **KCWT**

**Title:** Spherical Box

**Wood:** The body wood is figured claro walnut from Oregon. The threaded lid is claro walnut, purpleheart, and cocobolo. The base ring is cocobolo.

**Dimensions:** Around 4" tall with lid and base ring. Body is 3-3/8" diameter.

\$50.00 is the starting bid.



# AAW

# AMERICAN ASSOCIATION OF WOODTURNERS

## AMERICAN WOODTURNER NOW ONLINE!

### AAW Members

The February 2018 issue of *American Woodturner* is now online and includes the following features:

- **Just Wing It!** Fly along with Richard Dlugo as he demonstrates how to turn a flock of whimsical, stylized birds. **(Excellent project for newer turners.)**
- **The Ins and Outs of Piercing:** Visual and tactile effects that can enrich and dramatize your work, by Malcolm Zander.
- **A Look at Negative Space:** Wood artist Malcolm Zander explores the emptiness inside.
- **Experimenting with Colored Epoxy:** Don't hide the flaws-highlight them-with sparks of color and interest, by Jay Hockenberry.
- **New Horizons: A "Challenging" Exhibition** - "Known" wood artists depart from their usual styles to explore unfamiliar creative territory, by Jerry Johnson, Jim Christiansen, Ron Gerton, and Jim Swift.
- **Wedge Mandrel:** Charlie Wortman develops an ingenious solution to a vexing problem.
- **In Royal Company: The Artistic Career of Nick Agar** - Wildly inventive yet balanced, Nick Agar knows when to push the envelope... and when to stop, by Michael McMillan.

**REGISTRATION IS  
NOW OPEN**

*Save the date!*



**AAW** | AMERICAN ASSOCIATION  
OF WOODTURNERS  
June 14-17, 2018 - Portland, OR

### Words from a New Turner

"I am new to woodturning. I began a few months ago as a new hobby in my retirement years. I just wanted to share with you that joining AAW has been one of the best decisions that I have made. The resources that you provide new turners are tremendous. There is so much to learn and so many skills to master, that having AAW to help me along the way is greatly appreciated. Hopefully I can give back as I progress in the fine craft of woodturning." ~ Ed R., Fort Collins, Colorado

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**Keep Turning**  
with the AAW

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