

Minnesota WoodTurners Association

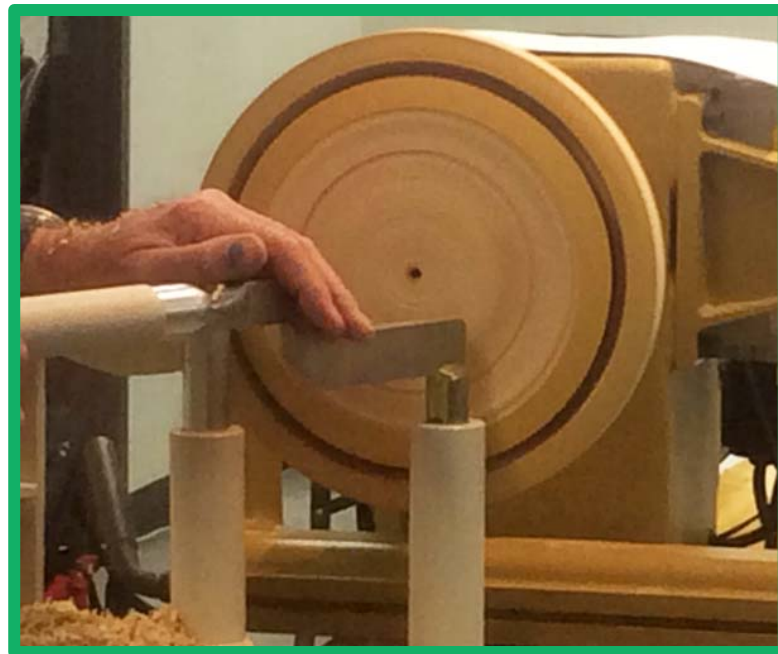
A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS

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AAW | AMERICAN ASSOCIATION
OF WOODTURNERS



September Demonstrator Neil Robinette "Bowl Coring"



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Beads of Courage



Diane and Bob Puetz coordinate Beads of Courage for MWA and all members are encouraged to participate in this very worthwhile program.

The Member Challenge for the October meeting will be Beads of Courage Boxes.



Instant Gallery



Dan Larson



Tom Sciple



Arden Griep



KenGustafson



Tom Peter



Anonymous



Dan Larson Cores from Challenge Bowl



Jim Jacobs



Rick Auge



Before the Meeting



Nathan Horsley, Hutchinson



Jeff Luedloff, our August demonstrator,
much more relaxed before this meeting



Pres. Rick Auge wearing safety glasses
(computers can be dangerous)



Ken Crea and Paul Laes



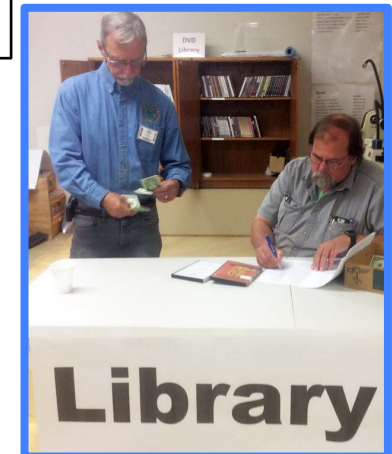
Neil Robinette and
Steve Mages



We're ready for the
meeting to start



Jeff Koltveit at
Woodcraft Table

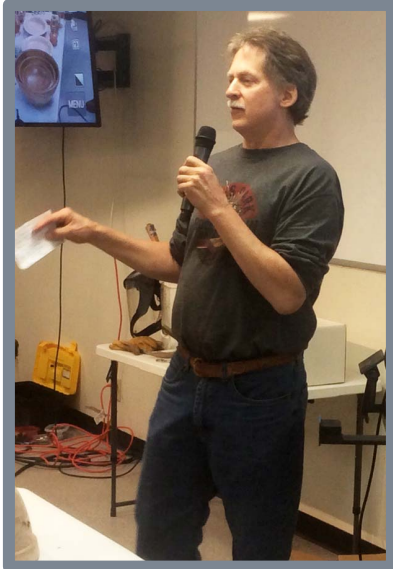


Dan Larson signing out a
DVD from Dick Hicks



Announcements

- Check the website for classes. There is still room in the Sept. 23 Glen Lucas class.



- Jim Jacobs announced the MWA Golf Outing sponsored by the SE Metro Sub Group on Sept. 15 at Clifton Highlands Par 3 golf course

At the beginning of our meetings we will have a short technique video from the AAW. The AAW presentation at September 9 meeting was Mike Mahoney on Shear Scraping. He emphasized a tight grip with a light touch and the gouge should be angled up. Mike feels that a spear point 45 degree scraper with a bur is not as good as a bowl gouge used in shear scraping mode.



September Demonstration

Neil Robinette

"Bowl Coring"



Before Neil started the bowl coring demonstration he went over several things about CBN grinding wheels.

[CBN stands for Cubic-Boron-Nitride, a synthetic material similar in hardness to diamond, not the cannabinoid in marijuana which we shouldn't be using with sharp tools in our hands]

- Various grits are available
- The aluminum wheel is easier on low horsepower grinders than steel
- The wheels never change size
- There is no silica dust
- Use only on high speed steel tools; other materials clog the grit
- Can use a 10" CBN wheel on a Tormac sharpener and no water is needed
- Special washers are available to perfectly center the wheel on the shaft and overcome incorrect shaft diameter



Neil emphasized that bowl coring is a safe and effective way of stretching your woodturning budget and materials. Not only can you save money by coring several bowl blanks from a single blank, you also save time by not having to turn away the material from inside the bowl.



Neil discussed the Oneway, Kelton-McNaughton, and Woodcut systems. He felt the Oneway system was almost faultless



The coring system clamping mechanism under the bed is made to standard sizes that fit different lathes. Know the width of the gap in your lathe bed when purchasing a Oneway coring system. Also you need to know the swing of your lathe to know the post height needed. Oneway makes a 24" but not a 25" as on some lathes. The system will adjust to at least a full inch larger.



The high definition screens mounted on each side of the demo area give the club members excellent views of the demo

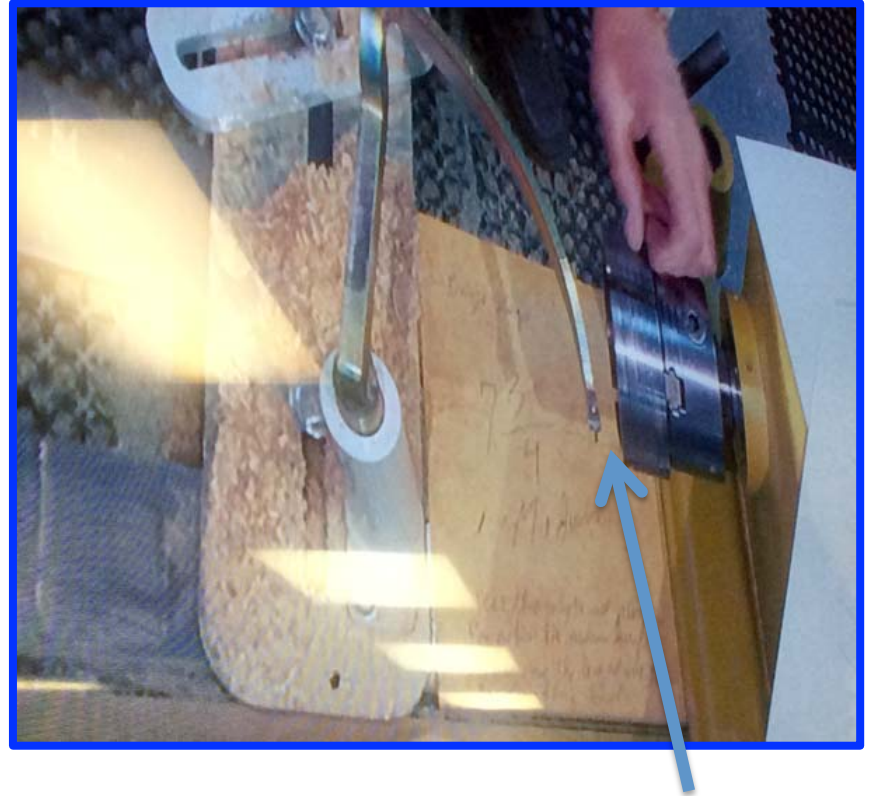
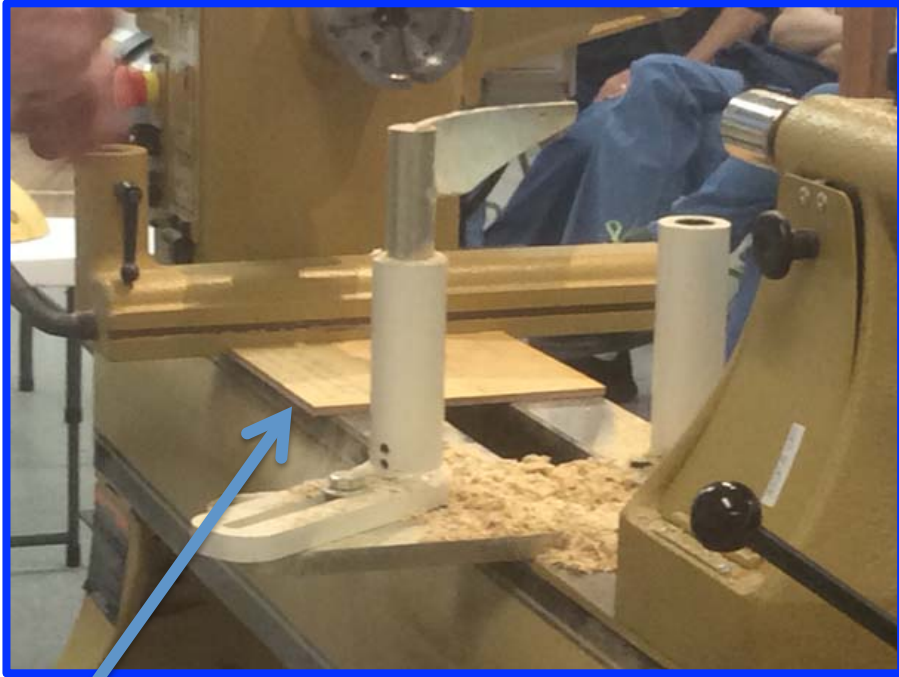


For a midi lathe, Neil feels the best coring system is the Woodcut. It can be purchased with either a 5/8 or 7/8 tool rest post.



The Oneway coring system is the only one with a replaceable tip; long term cost savings here.





To keep the knife from hitting the shaft, the easiest way is to use a flat wood jig specific for the chuck you are using. Placed on the bed, it will make sure the knife clears the chuck. A different jig is needed for each knife.



Neil said that a very light cut at 400 rpm is mandatory to keep from stalling the lathe. Frequent clearing of chips is also needed.



Although the coring was a slow process, Neil kept the attention of the audience by explaining the entire process well while he was carrying out the procedure. Dan Larson's video camera work always allowed the viewers to see what Neil was concentrating on.





A discussion among Neil and several club members who use bowl coring systems centered around which core do you do first? The largest or the smallest in the center? Neil felt either way had advantages. Dan Larson was one of the people who thought the largest should be taken first; others had reasons for taking the inner, smallest first.





Everyone seemed to agree with Neil that it is very important to keep the cores in chips as they are done to help prevent cracking. Many people like to complete, or nearly complete, each bowl one at a time as they are removed as a core rather than storing the cores.





Neil's demo was a great introduction to coring for members who have never tried the method of obtaining several bowls from one piece of wood. Dan Larson's large catalpa bowl in the Member Challenge and his 3 nested bowls in the Instant Gallery are good examples of what can be accomplished with coring.



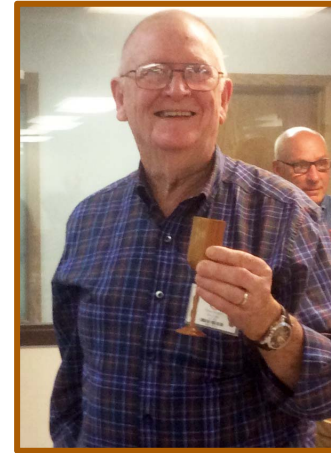
Member Challenge - End Grain Turning



1st Place Arden Griegg



2nd Place Dan Larson



3rd Place Tom Sciple



4th Place Neil Robinette



5th Place Tom Peter



6th Mike Rohrer



7th Place Glen Hambleton



Welcome New Member!



Jim Dalman and his wife Glenda



Next Meeting

October 7, 2017 - Saturday morning 9 am

Location: Houck Machine Co.

12811 16th Ave N Plymouth Mn 55441

DONUTS WILL BE BACK

Demonstration: Bob Meyer

Everybody's favorite: The Natural Edge Bowl

**Member Challenge:
Turnings for Beads of Courage**





PROFILES IN TURNING Jim Jacobs

This is the second in a
series of profiles of
members of the
Minnesota Association
of Woodturners



When you first enter Jim's shop what strikes you is the organization and neatness of the entire shop, the machines, the tools, the adjunct materials. This is what we all aspire to but few are able to realize.

MWA: Jim, when did you start turning?

Jim: My first experience turning was in 7th Grade Woodshop. It was my favorite class. In the class everyone turned a bowl. We glued up layers of dry wood and used very dull tools. We turned the bowl for 2 weeks. Then we sanded for the rest of the quarter. I loved the shop classes; they got me through school.



One side of Jim's shop/garage with a place for everything



Jim's clamp collection is evidence of his being a professional cabinet maker – you can NEVER have enough clamps!



MWA: How long have you been a member of MWA?

Jim: I'm really one of the old timers; I joined in 1993. There may be a couple people with more seniority in the club than me. A highlight of my turning was when I was an invited demonstrator at the AAW Symposium when it was in St. Paul in 2011.



Jim's collection of antique tools displayed
in his shop



MWA: How did your turning hobby progress?

Jim: Well, as I said, my introduction to turning was in 7th grade and I did some turning in shop classes every year after that. After high school I went to St. Paul Vocational School for cabinet making. There were lathes in the shop but we had absolutely no instruction in turning. We could use the lathes any time but our teacher was not a turner. This was a course of study in “flat work.” My first lathe was when I got a Shopsmith; my Dad bought it used when I was 16. I just putzed around and things were not going well. I was holding the tools with a death grip just waiting for the inevitable, frightening catch.



I gave up turning for some years because I was having miserable results. In 1993 I joined the MWA. At that time we met in the old Woodcraft store in Bloomington. This was the first time I started getting good results. I bought a Jet mini lathe about 1998 and that was a big step up from the Shopsmith. I worked that lathe to death, but it still has the same motor and the only thing I've ever done is change a belt. In the MWA I met several very helpful people and began to understand the right way to turn wood. I learned that the basic requirement is correctly sharpened tools.



The pedestal for this oak table is the largest piece Jim ever turned on his Shopsmith lathe



MWA: So, your interest and skill level really improved.

Jim: Woodturning is now enjoyable compared to years ago. I have learned a lot from other members and attending the pro demos.

MWA: You've been continuously active in the MWA since 1993.

Jim: I've been active every year I've been a member. This past year it's been difficult for me to get to the weeknight meetings in Plymouth. Saturdays are easier for me for sure. I was the club's Project Director for 4 years. One highlight was arranging for Trent Bosch to come to our club. I'm proud that Trent has visited my shop and my home.



MWA: And Trent's coming again in April 2018.

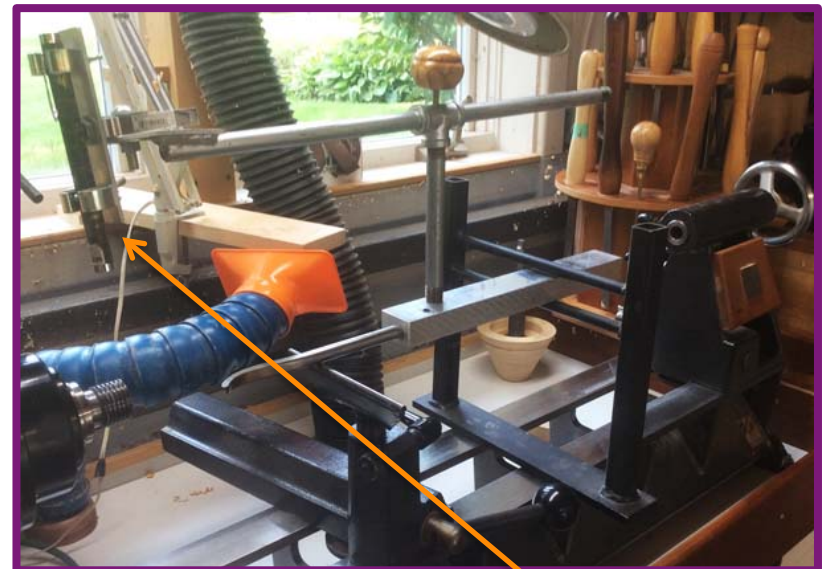
Jim: Yes, I'm looking forward to that; he really gets around and does lots of demos all over.

MWA: I've heard that in the club you've been called the "Jig Man." Is that true?

Jim: I know that's true. I really like to build jigs to accomplish a particular task. I build a lot of jigs at my work and that was a main focus when I did the Symposium. I thought up by myself a jig for reverse chucking; now similar ones are available to purchase. I made a hollowing jig for about \$25 that works well. I drew up a Jamieson-type hollowing system and showed it to a club member who is a machinist and he showed up at the next meeting with a completed version. I could write a whole book just about gadgets alone!



Reverse chucking jig.



Hollowing jig with laser pointer attached





Jim turned a morse taper on the end of the metal shaft of his reverse chucking jig; a very light touch and not too fast



MWA: Where and how big is your shop?

Jim: My shop is my 2-car garage. In the winter I move the workbench so I can bring one car in. It was an empty shell with one light bulb when we moved in. I built all the cabinetry and put in good lighting.

MWA: Speaking of winter, doesn't the garage get too cold in the winter to work in?

Jim: I originally had thought of installing gas heat. There were just too many requirements, complications and dangers and I didn't want any flame in the shop with all of the dust. I had 2 baseboard electric heaters professionally installed with 220 service. One heater is mounted just behind my lathe below the window. I use this one the most and rarely need the other one. I can set it on low overnight and it keeps the shop warm without any worries.



Jim: In my first house I had a shop in the basement. A problem was that I had a fan that blew the dust out the basement window but it turns out it was pulling air down the furnace flue and was very dangerous. A downside to the garage shop is that working with the garage door open in the summertime, anybody driving down the street can see all the equipment and tools that are in the shop.

MWA: I see you have a collection of antique tools mounted on a beam across the width of the shop.

Jim: Yes, at one time I belonged to Midwest Tool Collectors. I find myself buying neat old tools that I'll never use, just because I really like the tool.

MWA: What kind of lathe do you spend all your time on now?

Jim: I have a Robust Liberty and I love it. I bought it at the 2011 Symposium. I didn't plan on buying a lathe but when I saw it my knees started to shake and I broke into a sweat! It's very quiet and smooth. I also love it mounted to the bench with all the drawers and vacuum located below.

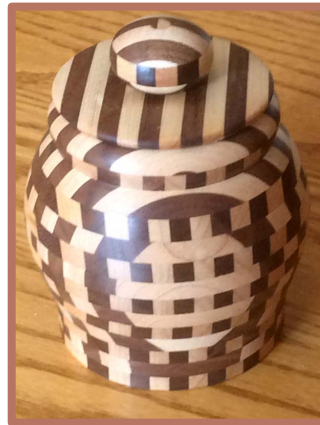


MWA: What is your favorite type of turning?

Jim: I like 'em all! I like to do a wide variety including bowls, hollow forms, segmented, lidded boxes, little spindles and finials, large turnings, and very small turnings. I like to turn everything.



Turning this very large, irregular walnut bowl was tricky and dangerous



Getting the salt to match the pepper was tedious



MWA: What is your greatest challenge in turning?

Jim: Jim: Trying to find enough time to turn! My job gets in the way of turning. Technically, I think I should be a better finisher. I don't sand as much as I should. I'd rather turn than finish. I have tried every finish on the planet! I like Deft lacquer. I also like MinWax polyurethane spray. A cheap one I really like for a very glossy, deep finish is Mod Podge Hi Shine clear acrylic spray from Wal-Mart.

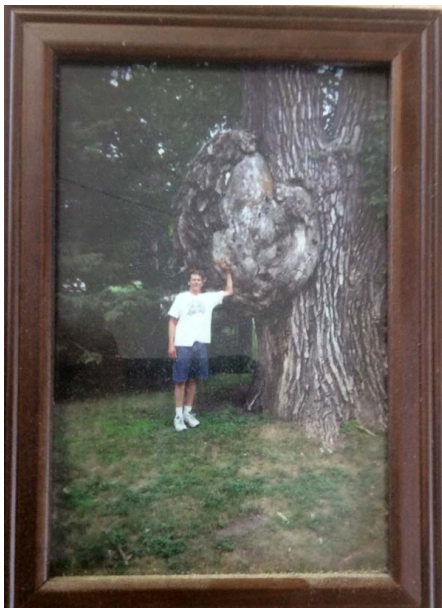


MWA: What type of wood do you prefer, wet or dry?

Jim: FREE Wood!

MWA: We've heard that before!

Jim: I've worked both wet and dry and like both. As far as favorite species, I really like black ash burl. I like most all wood but I don't like to turn oak very much. I really like birch, cherry, maple and I'm not crazy about walnut. But, I really like burls. I have a picture of the largest burl I've ever seen. I used to be a long distance biker. I used to ride in the MS TRAM/300 miles over 5 days. We'd be dropped off in Ortonville, right on the South Dakota border. I didn't notice this gigantic burl the first times I rode by it but one time riding with my son we saw this tremendously large burl on a tree trunk in Ortonville.



Largest burl Jim's ever seen



Jim has 2 large display cabinets filled with the amazing variety of his turnings

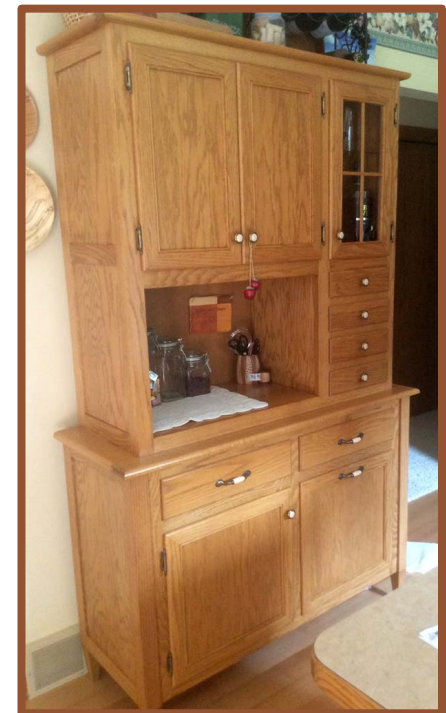


MWA: Do you have some favorite pieces that you wouldn't sell or give away?

Jim: Yes, I have a collection, most of them I've turned. My wife puts a limit on how many I can keep in our house.

MWA: You're still working aren't you?

Jim: I'm still a full-time cabinetmaker, but my most fun is in my shop at the lathe. I really like getting the results so quickly at the lathe, unlike building large complicated cabinets and furniture.



Jim's kitchen cabinetry and furniture show off his skill as a life-long, professional cabinet maker



MWA: Tell us about your invited demonstration at the 2011 AAW Symposium.

Jim: I emphasized making several jigs and shop aids including a cone center, a Go-No Go tenon checker, a jig for making a morse taper, a lazy susan tool rack and how to make knobs useful for all sorts of tools and jigs. I also emphasized in the demo and in the text for the Symposium book 18 Woodturning Tips for safe and enjoyable turning.

I preach about support and emphasize that 3 things must have support at all times! The lathe, the wood and the tool.

- The **Lathe** should be mounted securely at the correct height with the centers level with your elbows. Along with support, good lighting is essential for the lathe.

- The **Wood** must be held securely by a faceplate, by a chuck, or between centers. Use the tailstock as much as possible while faceplate turning, including bowls.

- The **Tool** gets support from 3 places, your hands, the tool rest and the bevel when it rubs the wood. All of this happens simultaneously.



A sphere made of burl and segmented rings in 2 planes. The photo on the right shows the rings that were incorporated into the turning



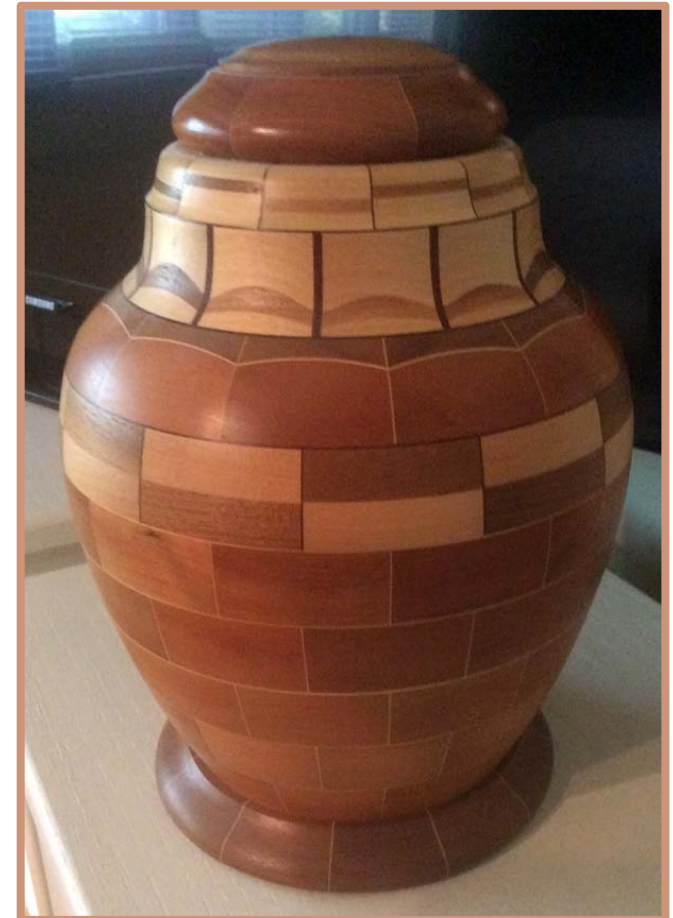
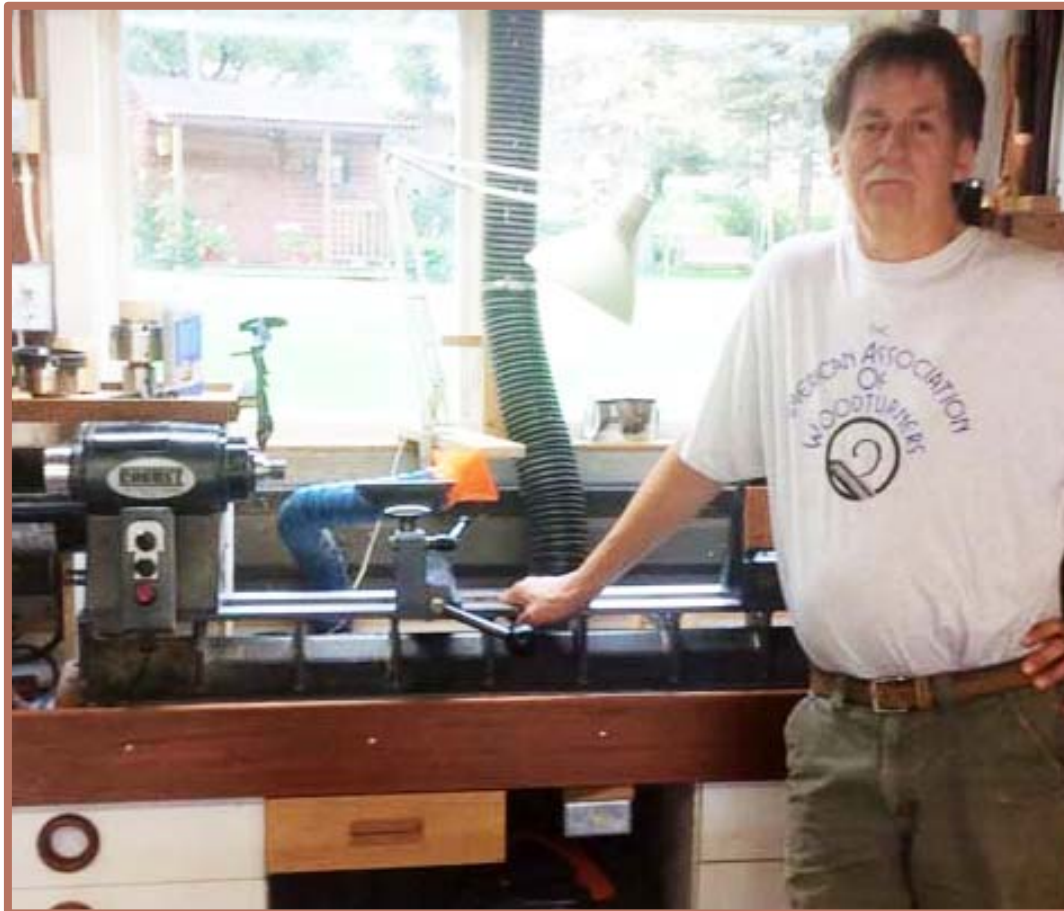


One of Jim's favorites, made by MWA member, Duane Gemelke: measuring spoons for a "Dash", a "Smidgen", and a "Pinch"



MWA: Any last thoughts?

Jim: Nobody masters this in a couple of weekends! Don't give up – ask a lot of questions. There are lots of great people in the club willing to help out. Also, anybody can email me at woodmanmn@aol.com and ask questions. For any I can't answer, I can refer you to the people I know who will be able to answer you.



Area & Regional Meetings & Gatherings

- Hamburger Club

We generally meet the Wednesday or Thursday of the week following the club meetings. Our September meeting is Wednesday, Sept. 20. We meet at 11:30 am with lunch to be ordered about 11:45 am.. No topics ... just an open dialogue of woodturning friends.

Any member that would like to be included on the mailing list please send an email to MLH55410@aol.com.

50's Grill

5524 Brooklyn Blvd

Brooklyn Center, MN 55429



August 16 Hamburger Club get together. Clockwise from the front: Bob Puetz, Duane Gemelke, Joe Zwirn, Steve Mages, Neil Robinette, Mike Hunter, Paul Laes, Mike Rohrer, Steve McLoon

PLYMOUTH AREA SMALL GROUP

The September meeting of the Plymouth area small group will be Tuesday Sep 19 at 7:00 pm. The usual meeting place, [10501 Belmont Rd, Minnetonka](#).

Steve Mages [952-544-5286](tel:952-544-5286)

Bring a turning or problem to share.

We will take some time to discuss and turn acrylic.



SE Metro Sub Group

The SE Metro Sub Group held its August meeting Friday, Aug. 18 at the home of Bob Hansen, an outstanding site overlooking the Mississippi. It started out a bit misty and drizzly, then it turned to a light rain that stayed most of the day. We tried to set up outside by throwing a blue tarp over a pergola on the edge of the bluff about 20 feet above the river. The 10 attendees crowded under the tarp, Jim Jacobs the group's organizer, had brought his mini lathe and had it set up. Folks showed the pieces they had brought but it was not conducive to a meeting so we adjourned to Bob's spacious basement shop. Bob was already barbecuing lunch and the aromas were tantalizing.

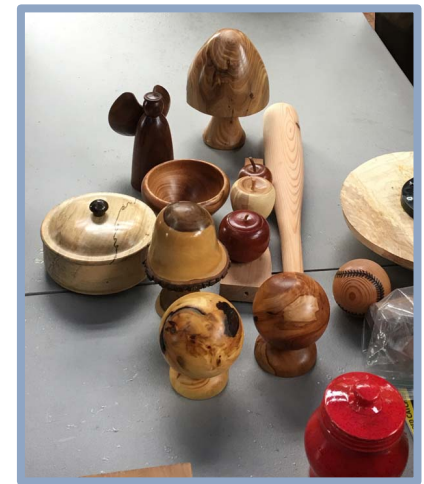
Attendees at the SE Metro August meeting were: Bob Hansen, Jim Jacobs, Lee Tourtelotte, Warren Gerber, Dave Olson, Mike Lucido, Steve Miller, Glen Anderson, Doug Ashton and Mike Rohrer.



The rainy weather made for a close knit group under the tarp



Warren Gerber, Lee Tourtelotte,
Doug Ashton



Instant Gallery



The centerpieces of Bob's shop are the Robust Sweet 16 lathe and an amazing and very large Laguna band saw. The first order of business at the lathe for the group was a demonstration and discussion on shear scraping with a bowl gouge. Several participants demonstrated, others were trying to improve and a few felt like they could accomplish the same results scraping with a well sharpened scraper with a fresh bur. Jim Jacobs demonstrated his favorite way to sharpen a scraper, upside down. He feels he gets a much better bur. Others, including Warren Gerber, thought they could get a fresh bur quicker and easier by burnishing with a hand burnisher.

After the morning session, lunch.



2 Mikes, Rohrer & Lucido



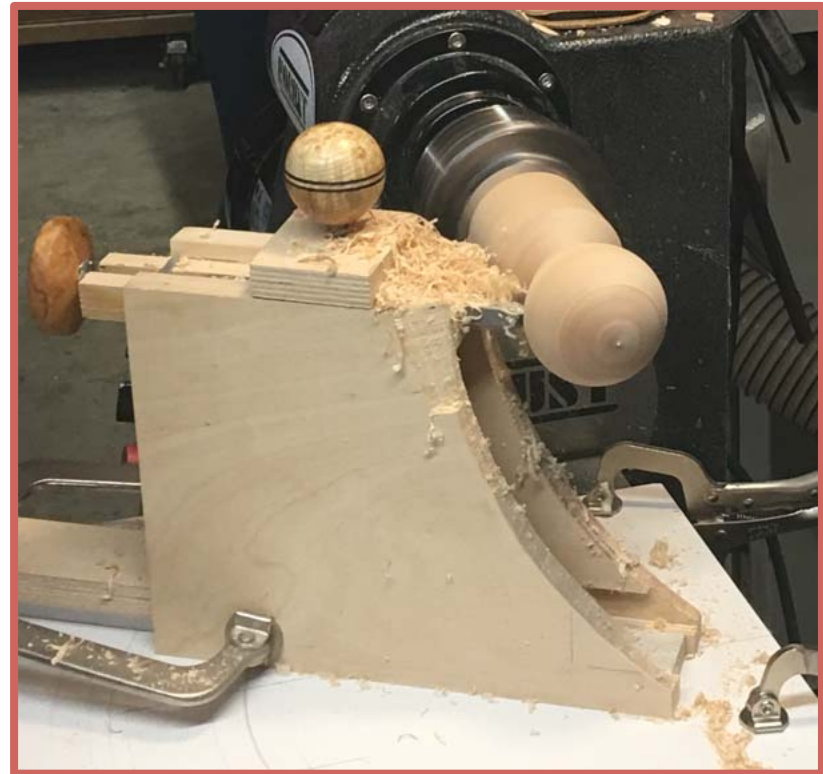
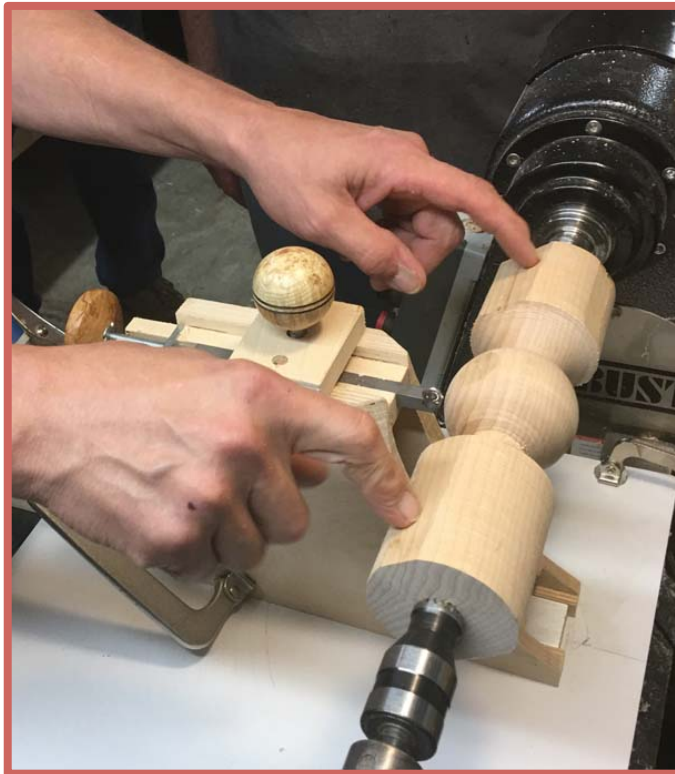
Bob Hansen's "storm inclined" turned flagpole



A delicious lunch was prepared by host and retired chef, Bob Hansen. Mike Lucido, Doug Ashton and Bob and a few others didn't let the very light sprinkle didn't keep them inside.



After lunch session was primarily devoted to a demonstration of Jim Jacobs' shop-made spherical jig. Jim's jig is very straight forward, cost him nearly nothing (he got a used Hunter cutter) and can do virtually everything that the expensive, imported spherical jigs can do. Jim got numerous suggestion on "tweaks" to improve the jig; Jim asked the other attendees to incorporate those suggestions into a jig that they would make. There were no takers.



MWA Future Classes

- Tool Sharpening, Sep. 20. See website for details
- Shop Classes - Rick Auge's intent is: In the absence of scheduled classes it offers members an additional hands on turning / learning resource. He intends to put any open shop dates on the website calendar; members should always check the calendar for dates and instructions regarding reservation or registration.
- Because we only have 10 lathes people will have to register or make reservations for this. The exact method has not been decided because we cannot do online registration without charging a fee.
- In the past we have tried to do email reservations, however with cancellations and additions it becomes a bit email intense.

KEEP YOU EYES ON THE WEBSITE FOR MORE DETAILS REGARDING SATURDAY SHOP CLASSES

We are in need of instructors and ideas to expand beyond our classes beyond our normal bowl and bowl variation classes.



MWA Future Classes



Glen Lucas

SEPTEMBER 22 & 23. SEPT 22 IS SOLD OUT. SIGN UP IMMEDIATELY FOR LIMITED SPACE FOR THE SEPT 23 DEMO. LIMITED SPACE, NON-MEMBER PRICE IN EFFECT.

Glen gives many classes including an annual 5-day class at Craft Supplies in Utah, plus numerous classes in Ireland including a Masters Class, Intermediate/Advanced Class, a Beginners Class, a Women Only Class and a chance to create your own class. We are extremely fortunate to have him come to our club; sign up as soon as you can for the limited space in the Saturday, Sept. 23 demonstration.

For seeing Glen's tip on maintaining your Oneway sharpening jig, see [Maintaining the Oneway Wolverine sharpening system - YouTube](#)



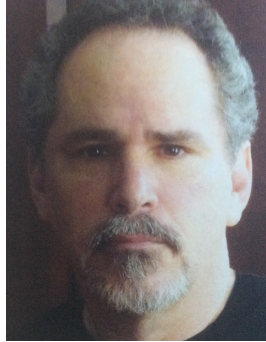
Jason Clark

Jason Clark

November 10, 11, 12 2017

Jason has been heavily involved with the Arizona Woodturners Association since 2006 as a club officer (6 years), including president for the last 3 years. He has been active in the organization of the Desert Woodturning Roundup since 2009. He feels that his relatively young age among many woodturners allows him to represent the next generation.





Alan Zenreich

Alan & Lauren Zenreich

Jan 6, 2018

This will be a “remote learning” class with 2-way video from their studio to our meeting.

From the Bucks Woodworkers February 2014 Newsletter:

“Zentangling and Turning. Who Knew? What a show Alan and Lauren Zenreich put on last month! There was something different every minute to catch your attention—iphones and battery packs for video projection, special jigs and fixtures, and detailed turning and decorating techniques for small jewelry items, just to name a few. They also introduced us to zentangling—shown here at the top left. Lauren explained that Zentangling is a “structured doodling,” usually done with a micro-pen, where different shapes are filled with patterns. A web search will easily get you inspired and started.”



Trent Bosch

APRIL 20, 21, AND 22, 2018

Trent has been woodturning professionally for the past 25 years. He began exploring the art of woodturning while pursuing a Fine Arts degree from Colorado State University. Since graduating, he has fully devoted his efforts into creating on-of-a-kind sculptural woodturnings and continues to explore the possibilities this medium has to offer. During this time, he has designed and developed several turning and carving tools that have allowed him greater efficiency and speed in creating his work. He now manufactures these tools in his own facility. When not creating he also is very passionate about teaching and sharing the knowledge and techniques he has developed freely with others. His work is displayed in numerous fine art galleries, the permanent collections of museums and craft centers, and in many private collections worldwide. Trent has taught and demonstrated his techniques for turning and sculpting wood throughout the USA and abroad.



SAFETY TIPS

- I was turning a cherry burl with a lot of soft spots. I turned a recess on the burl for the expansion chuck but it was too soft to hold. I glued a board on the bottom with a recess that I drilled with a forstner bit and put it back on the lathe. When I reached the edge of the glue the bowl came off the lathe and hit me between the eyes. I didn't realize the bottom of the bowl was convex shaped. Lucky for me I had on a full-face shield and safety glasses. This proves that whenever you are working with questionable wood --
WEAR A FACE SHEILD!
JOE ZWIRN



- I have my face shield hanging at eye level in front of me when I'm standing at the lathe. That didn't guarantee I would wear it every time. What has worked for me is a "thought trigger". I have gotten into the habit whenever I'm about to turn and the face shield is hanging there, to think to myself, "If I get injured turning this piece how would I explain to my family that I was too dumb to put the face shield on that's hanging right in front of me"?
- Mike Rohrer



Editor's Notes

- This month's newsletter features the second "Profile in Turning", a feature I hope to have in every newsletter. I appreciate Jim Jacobs being willing to spend his time for the profile and I know everyone is pleased to know more about this long-time member of MWA, his woodturning background and his super organized shop. My plan is to profile not only advanced and very experienced members, but also intermediate turners and new members to our club. If you have suggestions (including volunteering yourself) please contact me.
- The safety tip this month from Joe Zwirn is very timely for our club. If you practice something for your safety that you think all of us might not know about, please let me know and I'll put it in the newsletter.
- I still hope we can get something started that a friend who does a newsletter for another organization suggested. Something we might call a "Community Forum/News" is a very nice way for members of an organization as large as ours to get to know each other better and be informed about what's going on with other members. This could include a wide variety of things, such as retirements, trips, accomplishments of family members or club members, almost anything. So, if you have something you think would be of some interest to other members who primarily know us only as other woodturners, please let me know. I might go fishing for some items to get it started so you might hear from me.
- Anything else you can think of to enhance the newsletter, let me know.

Mike Rohrer mdrprof@gmail.com

