

# Minnesota WoodTurners Association

A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS

**AAW** | AMERICAN ASSOCIATION  
OF WOODTURNERS

Volume 2018 No 2



**February Demonstrator  
Linda Ferber- Spindle  
Turning and Milk Paint  
Techniques**



## Minnesota Woodturners Association

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# Beads of Courage



Diane Puetz discusses Beads of Courage with Ken Schwichtenberg



Diane gives Tom Sciple a Beads of Courage bowl kit. Jim Jacobs makes the kits for MWA members to produce bowls in their own style

Bob and Diane Puetz organize the Beads of Courage program for the Minnesota WoodTurners Association.

These bowls have brought smiles to children and their families going through some rough times.... and are much appreciated! All members are encouraged to participate in this very worthwhile program.



# Instant Gallery



Segmented Dizzy  
Bowl  
Joe Zwirn



Russian Olive Burl  
Chuck Sager



Pine Bowl  
Mark Relson





## Instant Gallery (cont'd)



Cherry Burl  
Lee Tourtelotte



Walnut from the wood  
raffle  
Tom Sciple



# Before the Meeting



Ken Hallberg and Peter McMurry



Bob Myer and Greg Just with the library computer



Dwight Tangren enjoying pre-meeting fellowship



Bob Puetz and Brad Chambers

Jeff Koltveit multi-tasking, selling Woodcraft items and enjoying a donut



# Before the Meeting



Dan Ernst, Jeff Luedloff, Jerry Hanscom



Jeff Koltveit doing business  
with Dick Humphrey



Jimmy Robertson and Ed  
Mielech



Gordon Fay And Denny Dahlberg



Jerald Howland taking care  
of membership



Reid Zimmerman and guest Jay Young





# Before the Meeting



Nick Kingdon selling the custom made scraper rests. Some extras are available.



A good sized group was present for the February meeting



Chris Lyons, new member, ready for the meeting to begin



Lee Tourtelotte and Gordon Fay before demo





# Announcements

- President Rick Auge told us the March 3<sup>rd</sup> meeting would feature a program from a person from Stihl regarding chainsaw sharpening. See p.26 (Next Mtg.) for more details .
- Rick pointed out the upcoming classes that are on the website. He had a travel mug he had made in Greg Just's class and announced another travel mug class by Greg, March 10<sup>th</sup>.
- Linda Ferber had some pendants typical of what she'll do in her February 17<sup>th</sup> class.
- Dan Larson had some examples of bowl embellishments that he'll teach in his February 24<sup>th</sup> class.
- Neil Robinette's sharpening class will be February 21<sup>st</sup>
- Dan Larson will give a No Sand Bowl class March 10<sup>th</sup>.
- The short video from AAW was about the AAW Symposium in Portland, OR in June. The "Tip" video featured Tom Wirsing talking about the recently developed Particle Metal tools with increased alloys resulting in greater heat resistance than the standard HSS tools. He emphasized the need to use CBN wheels to sharpen the new tools.



Linda will demonstrate using special jigs in her class on pendants

- Rick announced a change for the May 5<sup>th</sup> meeting's demo. We'll have the good fortune to have a remote demo by Mike Mahoney from his shop via the internet to our meeting. After this demo and last month's with Lauren and Alan Zenreich, we'll have a survey to find out how the membership likes this type of demo at the meetings.



# February Demonstration

## Linda Ferber

### “Spindle Turning and Milk Paint Techniques”



Linda began by saying that her turning is a process that begins with inspiration.

There are many places to get inspiration, from nature, from other turners, from compilations of ideas such as SketchUp, a computer-based system that claims to be the world's biggest library of free 3D models.





Linda learned a method she uses frequently from Kip Christensen. In this method you start with a piece of paper folded in the center. You cut the shape, unfold the paper and see if you like it.

Using Kip's method with paper patterns gives a way to check designs quickly and easily

Linda Ferber  
Spindle Turning & Rustic  
Candle



Linda started with a piece of her favorite wood (free from Rick)

Linda turns the cylinder smooth with the spindle roughing gouge





Linda Ferber  
Spindle Turning & Rustic  
Candle



Through the expert camera work of Dan Larson, the audience gets a “lathe-side view” of all the the turning activity



Linda marks the design elements with pencil before forming a tenon on the base and turning what will become the candle holding portion at the tailstock





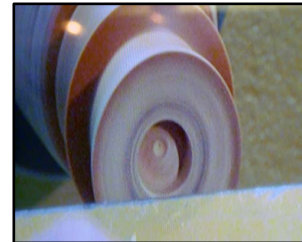
Linda develops the overall shape of the candle with a curved form and then works on the point of the design change and pays particular attention to the portion that will be plain wood, not painted. Linda uses her legs to control a lot of the turning, something she says watching Mike Mahoney taught her.



Linda has made the grooves in the part of the candle that will be painted using a “point” tool that has three sides ground flat. Just touch the area lightly to smooth off torn grain. Anything not totally smooth is considered “texture.”

# Preparation for using milk paint

- Form a tenon on the base; candle must be held so a hole can be drilled for the candle
- Sand the part that will not be painted. Linda used 180 and 220 grit, but would probably go higher if this weren't a demonstration.
- For the non-painted area she uses Dr. Kirk's Scratch-FREE Woodturner's Polishing Wax, which is a special blend of premium oils, waxes and ultra-fine tripoli abrasive that's said to improve sanded surfaces by 4 times or more. It is used for sanding and polishing all types of raw and stabilized woods in preparation for finishing.
- Drill the candle hole with a forstner bit that is slightly smaller than the candle in a Jacobs chuck. Finish the candle hole with turning tools, checking frequently with the candle itself.
- Tape off what won't be painted.
- Preparing the milk paint
  - Mix only what you will use at one time
  - Mix to the consistency of yogurt
- Protect the lathe and tool rest. Removing paint is a real problem, better to prevent paint from getting on the metal





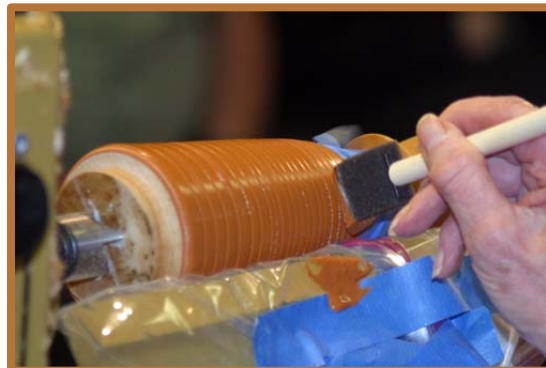


Linda Ferber  
Spindle Turning & Rustic  
Candle



To protect the lathe while painting  
Linda uses Magnetic Vent Covers.

Linda covers the tool  
rest with plastic bags  
and begins painting  
the base color



Linda uses a foam brush and never reuses it.  
Linda will do at least 2 coats of the base coat



Linda always uses a hair  
dryer to accelerate the  
drying of the milk paint







The dried milk paint has a distinctive dull appearance



It's time to paint the 2<sup>nd</sup> coat

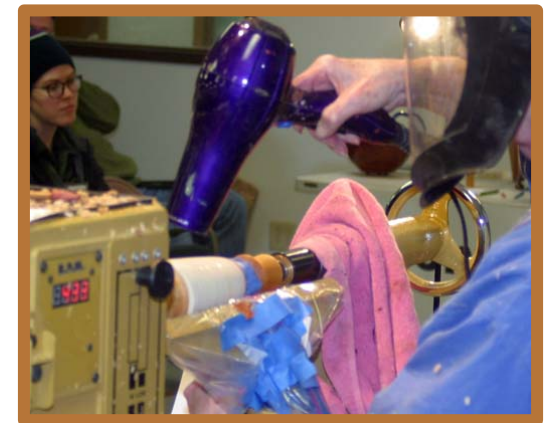
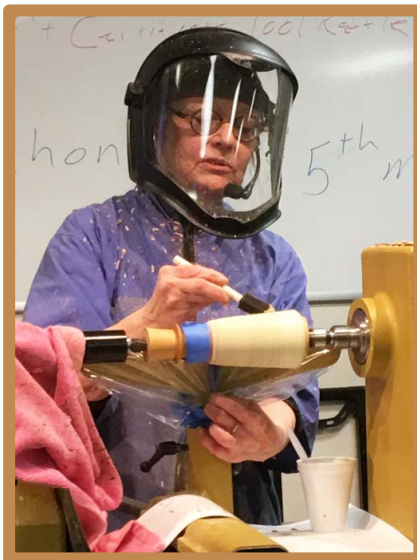


Mike Rohrer is ready to get a close-up shot



Linda Ferber  
Spindle Turning & Rustic  
Candle

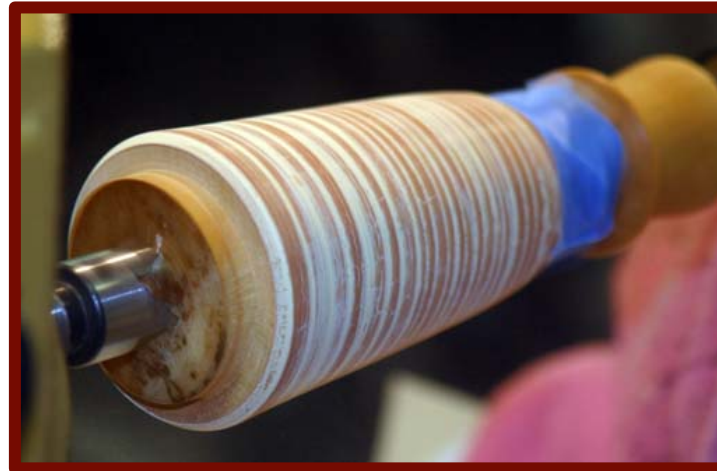
Linda covers the tool rest with plastic bags and uses towels or rags to make sure paint doesn't get on the lathe



The 2<sup>nd</sup> coat is applied with a new foam brush and dried with the hair dryer

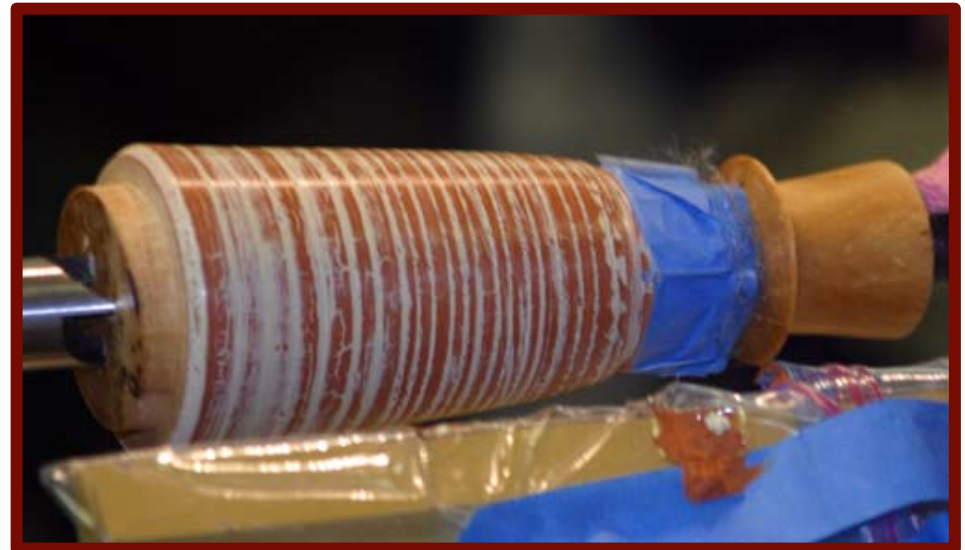






Linda Ferber  
Spindle Turning & Rustic  
Candle

Sand so that the under coat shows



Burnish with 0000 steel wool



Linda Ferber  
Spindle Turning & Rustic  
Candle



Finishing the candle hole



On these  
candles Linda  
likes to use a  
satin gloss  
spray finish,  
Krylon Fixative

To finish the bottom, use a headstock drive center  
in the candle hole and bring up the tailstock to  
hold the candle and do a real turned finish on the  
bottom



Thank you, Linda. A  
GREAT demonstration!





# Member Challenge - Objects with feet or legs (page 1)



1<sup>st</sup> Place Dan Larson



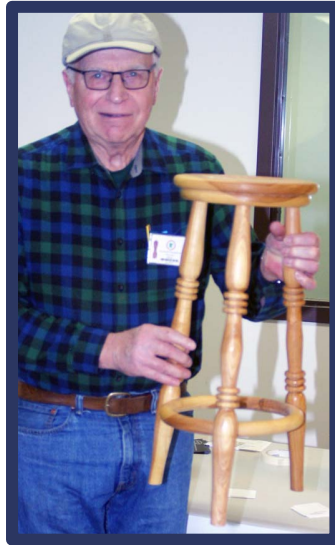
2nd Place Lee Tourtelotte



3rd Place Ken Hallberg



## Member Challenge Objects with feet or legs (page 2)



4<sup>th</sup> Place Ken Gustagson



5<sup>th</sup> Place Greg Just



# Tool Raffle



Jim Crosby



Ed Mielech



Ken Gustafson





# Welcome New Members!

Ken Crea announced 5 new members. Our total membership is currently 281. The drop from last month is due to the fact that we have a large number of members whose membership month is January and many did not renew on time. We all hope that most of these people will renew their memberships.



**Glennnda Dalman**  
St. Michael

**Dean Tilley**  
Marine on St. Croix

**Chris Lyons**  
Minneapolis

**Seth Iverson**  
Minneapolis

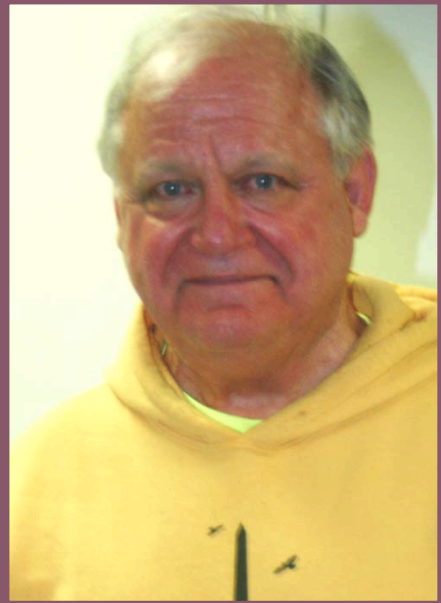
**Karl Foord**  
Chaska



# Welcome New Members!



**Glenda Dalman**  
St. Michael



**Karl Foord**  
Chaska



**Chris Lyons**  
Minneapolis



## Next Meeting

**March 3, 2017 - Saturday morning 9 am**

**Location: Houck Machine Co.**

**12811 16th Ave N Plymouth Mn 55441**

**DONUTS**

**Demonstration:** Chainsaw safety, maintenance and troubleshooting, Also HOW TO SHARPEN A CHAINSAW  
by Stihl Rep Steve Hagen

Also a display of new Stihl tools on the market both gas and battery operated

**Member Challenge:**  
**Jewelry such as pendants, earrings, necklace, bracelet, etc. as  
seen in the January meeting demo**







# **PROFILES IN TURNING**

**Dan Larson**

This is the seventh in a  
series of profiles of  
members of the  
Minnesota Association  
of WoodTurners



**MWA:** Dan, when did you start woodturning?

**Dan:** Well, I turned one bowl in a class in college as part of a woodworking class. It was all faceplate and scraping. My degree is in Industrial Education so I worked with wood and metal along with mechanical drawing. Upon graduation, I taught for a couple of years in St. Louis Park, which included 7th and 8th grade woodworking and High School Photography. Then I didn't do any woodturning until I retired in 2012.



**MWA:** What got you started in actively turning wood?

**Dan:** : After I retired I was looking for some hobbies and for things to keep me busy. I was building a log cabin in Wisconsin using chainsaws. I had restored a 1950 Ford 8N tractor. I had built a couple of Harley-based custom motorcycles and had won over 40 trophies at custom motorcycle shows. Then one day while in Wisconsin at my wife's family home, we were cleaning up the basement and we ran across a small Craftsman Lathe that had belonged to my father-in-law.



**MWA:** What happened then?

**Dan:** I told my wife, I think I'll bring it home. Little did I know at the time what this would lead to. It could only do about a 5-6" bowl but I scraped out a small bowl. That was the start of it. I knew I needed some training so I went to the library and got books. I remember a DVD by Richard Raffan. That really got me excited, but I still struggled on my own. My wife heard that they offered lessons at Woodcraft and Jim Sannerud was teaching a traditional bowl turning class. I took it and I really got hooked! Then, of course, I needed a bigger lathe with variable speed so I got a 12" Delta and thought, "This is the last lathe I'll ever need."



One of Dan's  
first bowls  
turned on the  
Craftsman  
lathe





Dan earned over  
40 trophies for  
his customized  
motorcycles



**MWA:** How did your turning hobby progress from there?

**Dan:** I had been trying to do self-teaching but it wasn't working so great. Then, during that class, Jim Sannerud had brochures on the Minnesota Woodturners Association. In 2013, I attended a couple of MWA meetings to see if I wanted to join.

**MWA:** It's hard to believe you really didn't start turning until 2013!



Dan now has boxes  
made by Richard Raffan



**Dan:** Once I joined it opened up a whole new world. However, I didn't take any classes at first, I didn't think I was good enough, but I did bring home DVDs from the MWA library. I would take home about 2 or 3 DVDs every month. I watched them over and over. In a short time, I needed a bigger lathe and got a NOVA DVR. Of course, I needed a bigger band saw so I got a Rikon.



**MWA:** The dreaded tool domino effect.  
When did you feel you were good enough to take turning classes at the MWA?

**Dan:** Looking back, the notion that I wasn't good enough to take classes was a misconception, I should have been taking classes right away. The MWA classes are a real bargain. Anyway, I noticed that all the best turners at the club were signing up for all the classes and when I realized that the club was bringing in the top turners from around the country, I figured I better get to learning from the best. Then, I started going to EVERY class I could. I've taken classes from Al Stirt, Mike Hosuluk, Bob Rosand, John Beaver, Nick Cook, Jimmy Clewes, and Avelino Samuel to name a few. Previously I had done some pottery, so I knew a little about form and shape.



Dan's bowl virtually indistinguishable from an Avelino Samuel original



**MWA:** Ok, then what, more tools?

**Dan:** With the NOVA DVR, I started doing some bigger pieces and coring, but I needed MORE POWER. I then got a Laguna 18-36. Well then of course, I had to get a bigger band saw, so I got a big JET. Then, I made the mistake of going to the AAW Symposium in Kansas City last year and came back with a PowerMatic 4224. It will handle 24" diameter and has 3 horsepower. I call it the "Mustard Monster." I even had to start working part time to support my woodturning habit.



"Mustard Monster"



**Profile  
Dan Larson**

Dan's first dust collector  
– a box fan with a filter  
taped on. Dan says,  
“It Worked!”



Current Band Saw



Newer “store-  
bought” dust  
collector





**Profile**  
**Dan Larson**

**MWA:** Where and how big is your shop?

**Dan:** My “STUDIO” is in the basement and is the size of a one-stall garage. It used to be my shop but now I call it my Studio so it forces me to do my best work at all times. It’s not a clean shop . . . it’s a working shop. Sharpening is important in my shop. Early on I didn’t know how to sharpen. I’d just use a tool over and over without sharpening. I have my first bench grinder with some jigs I made myself for sharpening. I am still learning the different bevels and grinds.



Lathe autographed by Nick Cook who was demonstrating with it at the AAW Symposium

An early Dan-made tool with a BIG handle to help control it. “This was before I knew the the trick to control wasn’t overpowering the tool.”





**Dan:** An example is the “bottom feeder” gouge that I learned about from Mike Mahoney. Mine is ground at 60° with a couple of secondary bevels on the heel. The advantage is that you can do the entire inside of a bowl from the inside of the rim to the very center without bumping the handle into the rim of the bowl. A regular gouge is 55°, a finish gouge 45°, and Ashley Harwood’s finishing gouge is 40°.



Bottom feeder gouge





Early Dan-made sharpening jig.  
Dan made dummy wood tools to  
practice sharpening



A later "internet" jig

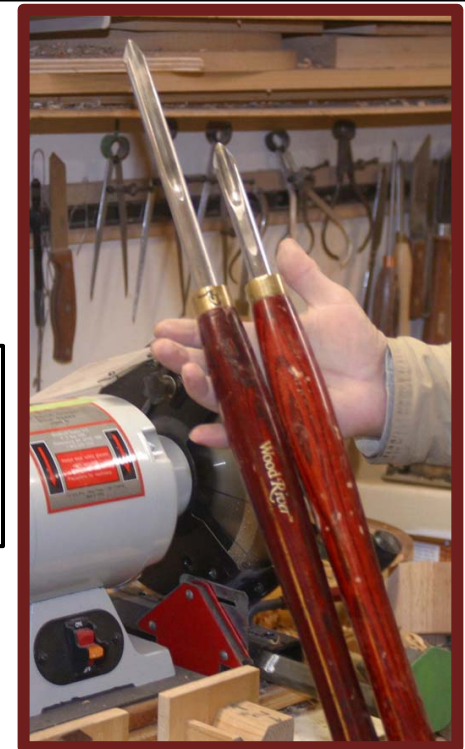


Shop-made will work

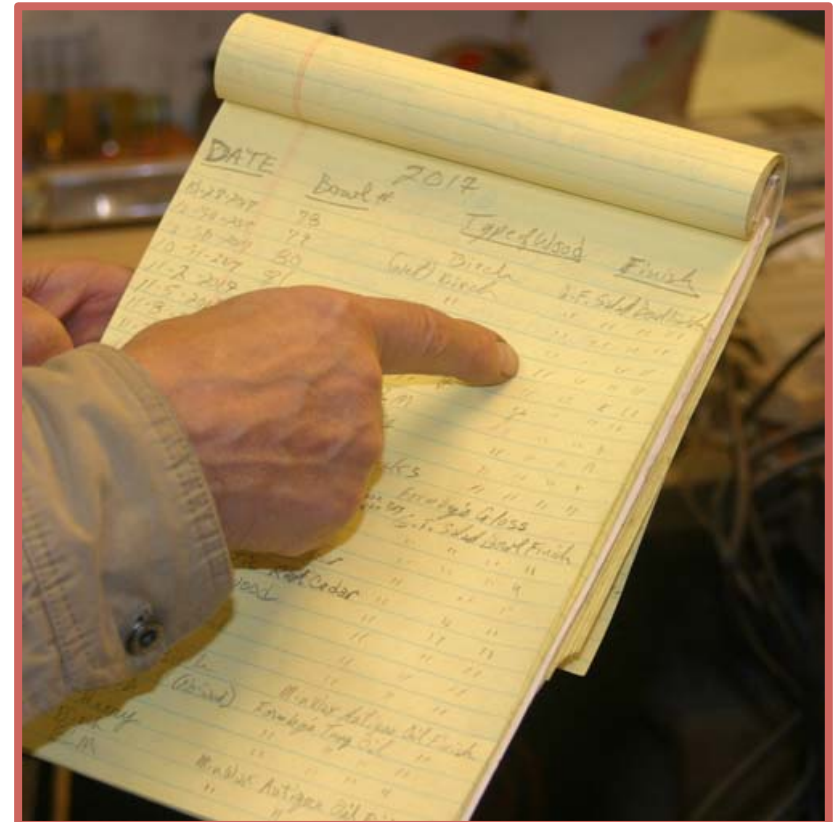


Sharpening is one of the most  
important aspects of good  
woodturning. Your tools WILL  
get shorter over time.

Current sharpening station







**MWA:** You said you keep track of every bowl you turn. How do you do that?

**Dan:** See these yellow legal pads? I record every bowl I turn and record the finish I use. On the bottom of each bowl, I burn in my trademark initials, the type of wood, the year, and the number of the bowl for that year. As things happen or don't happen with that bowl as it ages, I can go back and see what finish I used and exactly when it was made.







Pottery pitcher by Dan and  
"Dan's Bowl"

Dan's bowls are functional and  
used throughout the house

Profile  
Dan Larson



**MWA:** You said you had a walnut bowl you call "Dan's bowl", or Dan's experimental bowl. What's that about?

**Dan:** In January of last year, I made a small walnut bowl to see just how it would perform under harsh conditions. Every day I have oatmeal in it. I use it for ice cream, I have heated soup in the microwave oven in it, I have run it through the dishwasher. Every so often I touch up the inside with just a bit of Butcher Block Conditioner. It is holding up well. Bowls are meant to be used. You'll notice all the bowls in our house that are functional.

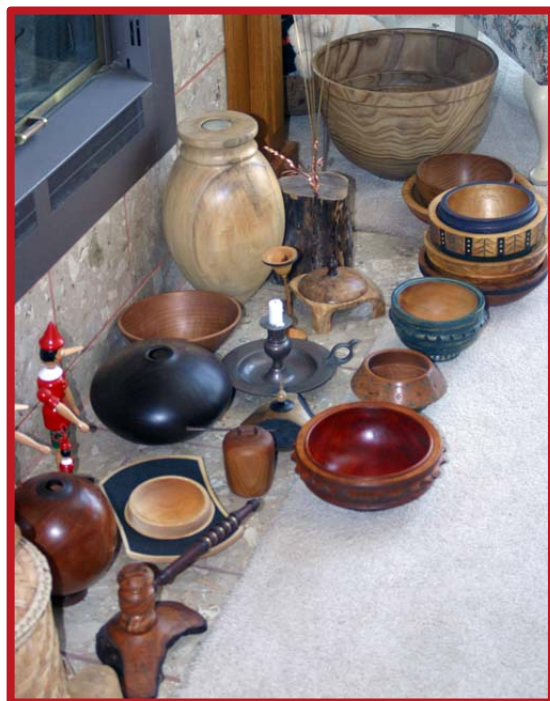




Nested (from coring) natural edge bowls



Dan's bowls are displayed throughout his home



Nested (from coring) large bowls



Saturn bowl from Jason Clark's class

**MWA:** What is your favorite type of turning?

**Dan:** I'm a bowl man. I haven't made quite enough bowls yet. I like other forms like hollow forms and platters. I have never made a pen. I'm not good enough yet; I'm afraid to make a pen.

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

**Dan:** Wet for sure! 95% of my work is with wet wood. If a tree is cut down in the morning, I like to do a bowl from it, start to finish, in the afternoon. If a fresh bowl is really wet, I might use the microwave oven to dry some before sanding. I put a finish on it right away to help slow the drying. I have had a very good success rate with this technique and with very little cracking.



Hat *ala* Jimmy Clewes



After a trip to India Dan wanted to evoke the feeling of a tiger – I think he nailed it!



High tech meets ancient tech



This Viking ship is a work-in-progress



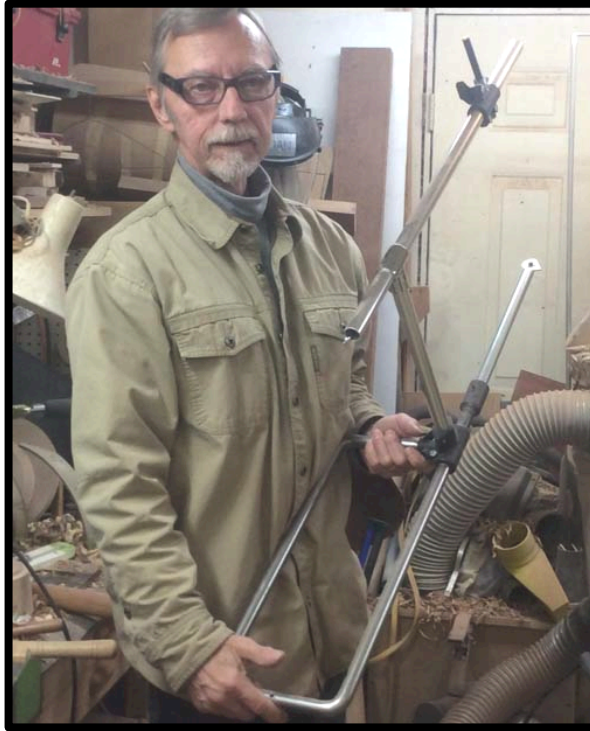


Wooden hat while turning



Dan-made depth guage

Photo booth



Dan's hollowing tool



Ready to become a big bowl



Dan's pottery





Dan-made calipers for big bowls

**MWA:** What's your favorite species to turn?

**Dan:** I like 'em all. I got a hold of some Big Catalpa. I like that; it's very stable, even when wet. I like large (fresh) birch. I also enjoy working with cherry and of course fresh BURLS are a real treat.



"Free" wood  
beside the garage



Dan's outdoor chainsaw



Dan's indoor electric chainsaw.  
He'll even do some shaping on  
the lathe with this saw.





February Member Challenge winner



**MWA:** You enter almost every Member Challenge and very often win. You also are able to take a class from a professional and imitate what they are famous for within a week. To what do you owe your ability to do these things?

**Dan:** I like the club's Member Challenges. They take me out of my comfort zone. Other members are so good, I have to work very hard to compete. It takes determination to put in the time and practice. Because I work with mostly free wood I'm not afraid to fail so I can ruin a few projects along the way.



Platters after Al Stirt





**MWA:** What else do you do for fun?

**Dan:** I like to downhill ski and cross country ski. I usually take a few motorcycle trips per year. I have ridden in Spain, Italy, Switzerland, Austria and Germany. I used to also do a lot of Windsurfing. My wife and I also travel a bit. We have been to 6 of the 7 continents.

**MWA:** That's more than a BIT of traveling from the photographs I see. I notice that you have artistic pieces from around the world.



Covered bowl from roadside shack in Zimbabwe



African bowl



Artifacts from around the world



**MWA:** I notice you've got some really good quality speakers bringing music into the shop. Do you always have music on when you're in the shop?

**Dan:** I usually have the Blues playing in my shop...OOops, I mean "Studio". Now, if I'm doing a really difficult or classy piece, I'll play classical music. When I need to "get it going" I'll play Latin music!

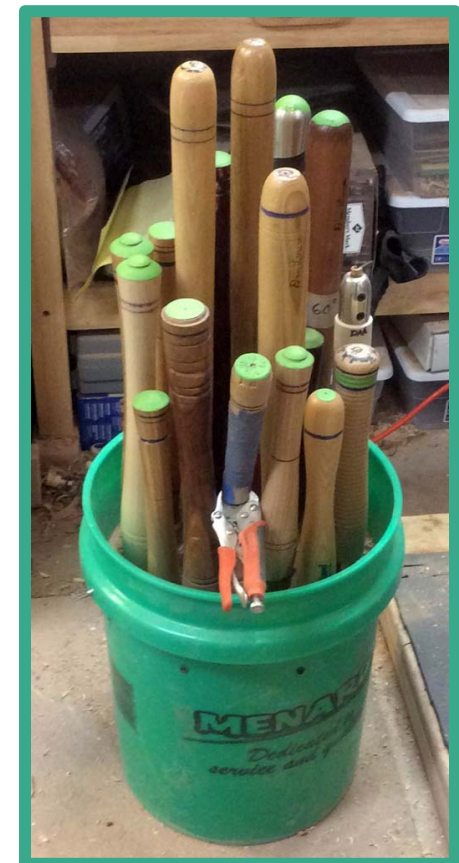


Coring system



Dan really likes magnetic bars

Dan took apart  
a baseball to  
make a pattern  
for his turned  
baseballs



Dan's most used tools are in  
the mobile tool bucket





This is a 3-D sign on the door of Dan's "studio", approximately 9" x 12" x 1 ½" deep. He found this in Europe. Note the lathe run by belts from the overhead shaft, the hand tools, the clock, the intricate, extremely small turnings. Fantastic and almost unbelievable!!





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

**Dan:** I've sold a few and given away some pieces. However, once I've made them, they're like my kids. I hate to give them up. There are some pieces that I've sold or given away that I have tried to buy back. Each piece is unique.



Box with inlay on top



This fully articulated globe (everything turns freely) began as a challenge to make a hollow sphere. When he'd done that, Dan noticed the grain lines looked like latitude lines on a globe so he drew the map of the earth. A friend from Africa told him he'd made a perfect Africa.



**MWA:** What did you do before you retired?

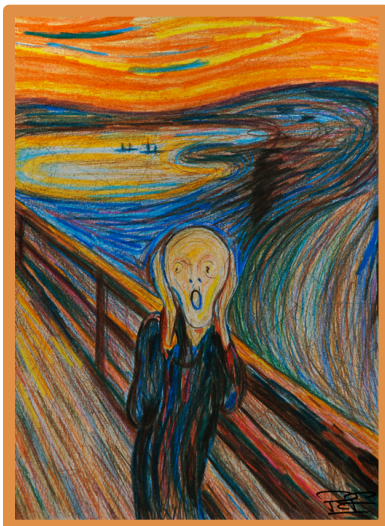
**Dan:** As I mentioned before, I taught shop for a couple of years after I graduated from college. I worked in 3-D advertising for stores and trade shows. I worked in the shop, ran the shop, worked in sales. Then, after a bout with cancer, I was ready for a change, so I began a career in digital imaging. It was when everything was going from film to digital. I went back to school to learn all of the digital techniques and programs. We made high-resolution photo prints 10 wide by 8-feet high. We had a high-resolution ink jet printer that could do images 16 feet high by over 80 feet wide.

**\*Kolrosing** is an old Scandinavian art form, dating back to Viking times. Similar to scrimshaw, **Kolrosing** is made by making fine cuts with a knife, then rubbing ink into the cuts to reveal the pattern. Scrimshaw, the handiwork created by whalers, used bone, whale teeth or ivory.  
**Kolrosing** is done on wood.



Kolrosing\* by Dan





"You can find the strangest things in the grain of wood when you've finished a bowl."  
Dan was sure this bowl contained Edvard Munch's "The Scream"

Dan wanted to make a piece that imitated metal perfectly. He mimicked metal construction, color and surface texture. Except for the weight, you cannot tell that this candle holder is not metal.



In most people's homes the TREADMILL has become a place to hang clothes on hangers, drape things, but in Dan's home the treadmill is a storage area for bowls and a place to set up his photo booth.



Profile  
Dan Larson



**MWA:** Any last thoughts?

**Dan:** If the last piece failed, get out another blank and try it again. Keep trying. I've had airborne bowls and tools fly. Don't quit – keep going.

Also, I do enjoy teaching in the club. I love to see the “light bulb come on” when the student gets it.

The shortcut to experience and success is education. If you want to be a good turner,  
TAKE A LOT OF CLASSES AND PRACTICE.

Dan's website is: [dansbowls.com](http://dansbowls.com)



## Area & Regional Meetings & Gatherings

### •Hamburger Club

We generally meet the Wednesday or Thursday of the week following the club meetings. Our February meeting is Wednesday, Feb. 7. 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](mailto:MLH55410@aol.com).

50's Grill, 5524 Brooklyn Blvd, Brooklyn Center



Neill Robinette, Mike Rohrer, Joe Zwirn, Steve McLoon, Steve Mages, Bob Puetz, Paul Laes, Gar Brown, Lee Tourtelotte, and Ed Mielech attended the Hamburger Club meeting on January 10. A couple of the attendees brought pieces for discussion and criticism. Lots of discussion of woodturning topics and general conversation was held. The food and service were excellent as usual and everyone enjoyed this monthly get-together of woodturners. Mike Rohrer's pictures did not turn out so everyone reading this will have to imagine the above-named group sitting around the table at 50's Grill enjoying their lunch and companionship.





## Area & Regional Meetings & Gatherings

### PLYMOUTH AREA SMALL GROUP

The January meeting was held Tuesday the 16<sup>th</sup>. Eight members were in attendance. There were general discussions on turning; wood storage, drying rough turnings, epoxy use.

Next Meeting: NO MEETING IN  
FEBRUARY

The usual meeting place is  
[10501 Belmont Rd, Minnetonka.](#)

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

As usual, bring a turning, problem or idea to share. In the absence of a specific topic, we will spend a few minutes talking about spindle gouges and their use.



Plymouth Area Small Group meetings are held in Steve Mages's shop



## Area & Regional Meetings & Gatherings

### SE METRO SUB GROUP

Bill Campbell, Jim Jacobs, Mike Lucido, Jay Schulz, Dave Olson, Muriel Gavin, Kirstin Holtz, Bob Boettcher, Dick Zawacki, Warren Gerber, Mark Parranto, Mike Rohrer, Doug Ashton, Lee Tourtelotte, Steve Miller and Randy Lundberg attended the January SE Metro Sub Group meeting. The meeting was held in a new venue, the Pleasant Hill Library in Hastings. As SE Metro organizer, Jim Jacobs said, "This venue has some definite advantages: there are no steps, it is warm and it is free." Obviously no turning or other shop activities can take place in the library, but for meetings that are primarily discussion, show and tell, and non-saw dust making, the venue was excellent and all the attendees were favorably impressed.





Mike Rohrer led off the discussion talking about sanding and waxing simultaneously so there is no dust and when the piece is sanded it is also finished. He provided a handout (included at the end of this section).

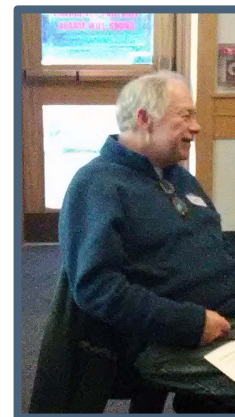


Bob Boettcher, Jay Schulz, Doug Ashton

The topic for the meeting was finishing. Attendees were encouraged to bring examples of various finishes on turned pieces so a discussion with examples of various methods of finishing could be conducted.



Discussion with many examples to SEE and TOUCH to evaluate the finishes



Dick Zawacki



Muriel Gavin







Some of the pieces brought for discussion



Bob Boettcher discussed the finer points of a large number of finishes. He had an excellent handout (included at the end of this section) with a couple of classical references.



Steve Miller and Mark Parranto



Mike Lucido and Kristin Holtz

Jim Jacobs brought a number of pieces finished with various materials. He brought the finishing materials so the group could see the finish in the containers, some sprays, some in cans, the way they'd be found on the shelves.



## Be "Finished" When You're Finished Sanding

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by Mike Rohrer

1. Obtain the best surface with turning tools that you are capable of
2. This is the hardest part. Either find a prepared, very creamy paste wax or make your own by mixing paste wax with mineral spirits. The resulting wax should be the consistency of sour cream or yogurt (not thick, Greek yogurt).
3. SANDPAPER: Cloth-backed sandpaper  
Craft Supplies – [www.woodturnerscatalog.com](http://www.woodturnerscatalog.com)  
Color Grit Abrasive Roll 120 Grit White Part #9794830002; ...003 = 180, ...004=240, ...005=320, (if you wish 400 grit...006=400)  
OR  
3M Pro Grade Ultra Flexible Sanding Sheets (wet or dry) 150, 220, 320  
THEN  
Wet/Dry sandpaper (automotive) 500, 800, (1000)
3. Power sand with 120 grit if power sanding is needed
5. After power sanding with 120, coat the piece with the creamy wax so that there are no dry areas
6. Apply a small amount of additional wax to 120 cloth-backed abrasive or the 150 3M Ultra Flexible Sanding sheet and hand-sand. Use a low lathe speed. Ensure that the piece does not get dry; there should always be wet wax on the surface.



**A WAX-SAWDUST SLURRY WILL DEVELOP**

Try to work this in as you sand. I feel this is important to the final smooth finish.

7. Continue sanding through the grits; always make sure the piece is wet with creamy wax by applying a small amount of wax to the next grit sandpaper.
8. After the finest grade of sandpaper with wax, let the wax slightly dry, buff and generate heat to remove all traces of dry wax and develop a polish.
9. Use 0000 steel wool with regular paste wax as the final abrasive/waxing step.
10. Buff as you normally would after waxing on the lathe, by hand or rotary buffing. The piece is now SANDED AND FINISHED.
11. If the piece will NOT be used for food, use Renaissance Micro Crystalline Wax Polish as a final coat to prevent fingerprints and to make it resistant to water and alcohol.

**You Did Not Create Any Dust or Have to Turn the Dust Collector On!**





**-DEFT LACQUER SANDING SEALER**

MILKY, DON'T KNOW WHAT THE SOLIDS ARE

BRUSH ON SMALL TURNINGS ON LATHE, WIPE OFF AND BUFF TO DRY WITH BLUE SHOP TOWEL

USE ON ORNAMENTS, BOTTLE OPENERS, DECORATIVE ITEMS

**-MINWAX TUNG OIL FINISH (OIL/VARNISH BLEND)**

WIPE ON, THEN WIPE OFF WITH CLOTH. CURE OVERNIGHT, REPEAT 2-3 TIMES

CAN RUB DOWN FOR SATIN LOOK (STEEL WOOL, SCOTCHBRITE)

CAN BUFF TO HIGH GLOSS

USE MAINLY ON BOWLS, FORMS, ETC.

-I USED TO MAKE MY OWN, RUSS FAIRFIELD RECIPE

1/3 PURE TUNG OIL

1/3 MCCLOSKEY MAN-O-WAR SPAR VARNISH EXTERIOR

1/3 MINERAL SPIRITS

DASH OF JAPAN DRIER

I USED TO USE THIS AS A SEALER ON MOST SMALL TURNING,

MADE IN 2 OZ BATCHES IN A SQUEEZE BOTTLE

**-WIPING VARNISHES**

**-WATERLOX FLOOR FINISH** – VERY TOUGH, DARK, COMES IN VARIOUS SHADES

CAN WIPE ON AND OFF, OR WIPE ON SPARINGLY AND ALLOW TO CURE

VERY FAST CURE, SHORT SHELF LIFE WITHOUT PROTECTION FROM AIR



**-MINWAX WIPE-ON POLY, GLOSS OR SATIN**

TYPICALLY USE ON PENS AND WATER STOPPERS, WIPE ON THIN COAT WITH SMALL FOLDED CLOTH, CAREFUL TO AVOID TOO MUCH ALLOWING DRIPS

-CAN MAKE YOUR OWN BY DILUTING VARNISH WITH 2-3 PARTS SOLVENT

- **-SPRAY LACQUER**

- WATCO, DEFT, KRYLON(UNPLEASANT ODOR)
- VALSPAR (NOT SURE IF LACQUER OR ENAMEL)
- 

- **-SPRAY POLYURETHANE**

- MINWAX, OTHERS
- 

- **-PLAYING WITH**

- **-HUT CRYSTAL COAT** FRICTION POLISH (SHELLAC, WAXES, ALCOHOL, MINERAL SPIRITS)
- 

- **-CA FINISH FOR PENS**
- 

- **-DOCTORS WOODSHOP** PRODUCTS (SOLVENT FREE, WALNUT OIL, SHELLAC,WAXES)

- -PENS PLUS (WALNUT OIL, SHELLAC, MICROCRYSTALLINE WAX COSMOLLOID 80H)
- -PASTE WAX (WALNUT OIL, CARNAUBA OR MICROCRYSTALLINE WAX COSMOLLOID 80H)
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- **REFERENCES**
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- **TED SOKOLOWSKI** DVD – BRILLIANT FINISHED FOR WOODTURNERS

- **BOB FLEXNER** – BOOK – UNDERSTANDING WOOD FINISHING – 1994 RODALE PRESS

- MORE RECENT INFO AVAILABLE ONLINE
- 



# MWA Future Classes

## SEE WEBSITE CALENDAR FOR DETAILS OF CLASSES

- **Natural Edge Bowl with Bob Meyer**

Feb 10th, 2018 9:30 am Price \$25

- **Making Pendants with Linda Ferber**

Feb 17<sup>th</sup>, 2018 9:00 am Price \$25

- **Bowl Embellishments with Dan Larson**

Feb 24th, 2018 9:30 am Price \$25

- **Travel Mug Class with Greg Just**

March 10<sup>th</sup>, 9:00 am Price \$25 plus materials

- **No Sand Bowls with Dan Larson**

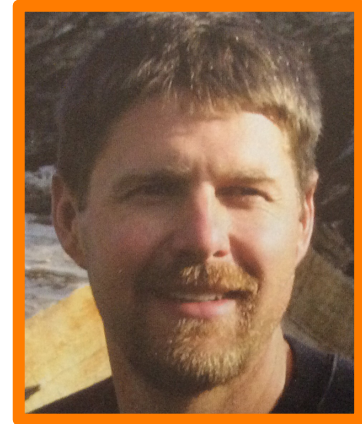
March 10<sup>th</sup>, 9:00 am Price \$25





## MWA Future Classes

**Sign up NOW for Trent's classes. Go to the calendar, put April in the search box, click "Enter", click on Trent Bosch for the class or Saturday demonstration you want. To sign up for another, go to the calendar again and go through the same procedure.**



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 to creating one-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 is also very passionate about teaching and sharing freely with others the knowledge and techniques he has developed. 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.



# MWA Future Classes

- 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 YOUR 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.



# Editor's Notes



•Matryoshka Dolls. These traditional nesting dolls are a set of turned boxes, generally with at least 5 nested dolls, but sometimes up to 20. Over 100 different sets of these dolls are one of the 3 current exhibits at my favorite museum in the Twin Cities, **THE MUSEUM OF RUSSIAN ART**. TMORA is located in South Mpls at Diamond Lake Road (54<sup>th</sup> St) and I-35W (tmora.org). They have a great video on the turning and painting of these dolls and you can see it at:

<http://www.bing.com/videos/search?q=golden+cockerel+video+matryoshka+dolls&&view=detail&mid=7444F6611FE74595F52C7444F6611FE74595F52C>

The main floor exhibit is Russian Sacred Art. Religious art may not be your favorite thing, but it is beautiful with GOLD GOLD and MORE GOLD! The balcony exhibit is brightly colored paintings of the Vladimir School. Admission is \$8 for seniors, \$10 for those so young they missed all the good bands. There is a fantastic gift shop with free hot tea. This is my favorite museum because I can see everything in about an hour or so, they have wonderful docents and the exhibits change frequently.





## Editor's Notes (p2)

- This month's newsletter features the seventh "Profile in Turning", which is planned to be included in every newsletter. Dan Larson was very generous to spend his time for the profile and I know everyone is pleased to know more about this hard-working and important member of MWA. I have received a number of suggestions for future profiles, but if you have suggestions (including volunteering yourself) please contact me.

- SAFETY TIP

**Are you fit?**

Perhaps one that is easiest to overlook – are you physically and mentally able to work safely? If you are tired, under the influence of drugs or alcohol or preoccupied mentally, your judgment or your reactions may be impaired and you may take risks you wouldn't normally take.

Paul Hannaby

- Anything else you can think of to enhance the newsletter, let me know.

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