

Minnesota WoodTurners Association

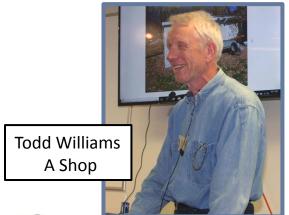
A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS

AAW OF WOODTURNERS

Volume 2018 No 12









December Demonstration

Steve McLoon Todd Williams Jim Jacobs Tim Heil



Minnesota Woodturners Association

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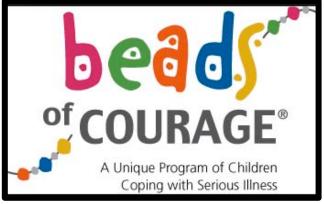
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Beads of Courage





Diane and Bob Puetz direct this program for the Minnesota Woodturners Association Diane talks with Denny
Dahlberg about the
benefits of the Beads of
Courage program to the
young patients and the
turners who create the
bowls



Instant Gallery



Rick Auge – A quartet of snowmen

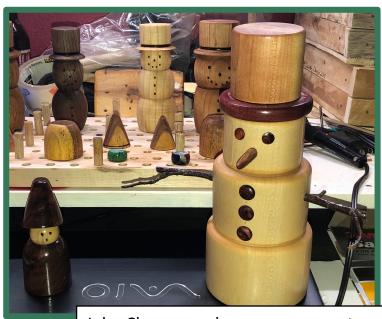


Ken Hallberg – Purpleheart emerging bowl

Woodturning techniques of all types and skills of all levels are on display at the monthly exhibition of members' turning efforts. Members of all skill levels are encouraged to bring pieces to share with others.



Instant Gallery (cont'd)



John Chance made some ornaments and was planning on entering the snowman in the Member Challenge but found out very late he couldn't attend the meeting.

Snowman:

Body: maple

Hat: cherry, Purple Heart

Nose: mahogany

Eyes and buttons: cocobolo

Arms: apple twigs

John's been turning less than a year

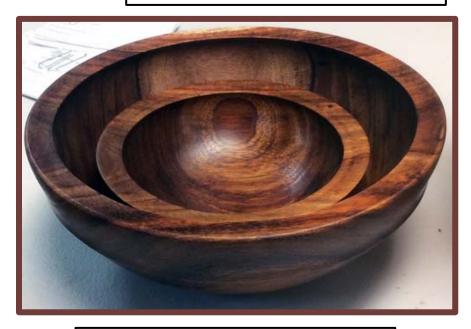






Ken Hallberg - wormy pecan

Dan Larson – End grain buckthorn



Mike Hunter- koa bowls



Minnesota WoodTurners Association December 2018

Instant Gallery (cont'd)



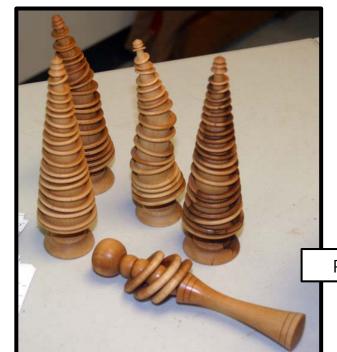
Greg Just - maple & mahogany



Mike Rohrer- maple & walnut

Instant Gallery (cont'd)

Tom Sciple- cherry with turquoise



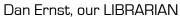


Phil Holtan



Before the Meeting







Dick Hicks & Dan Larson prepare the AV for the meeting







Claire Stolee & Rosanne Gold buying their Tool Raffle tickets





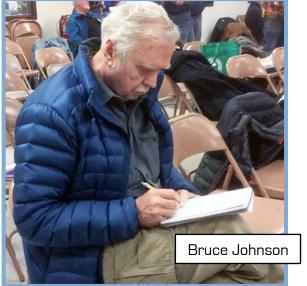
Before the Meeting (cont'd)



Bob Meyer & Colleen Schneider



Ed Mielech, Reid Zimmerman & new president, Lee Luebke



Glenn Spritzer & Steve Mages ready for the meeting



Jim Jacobs, one of the day's demonstrators, and Steve Luhman



Roger Rooney anticipating an interesting December MWA meeting

Before the Meeting (cont'd)

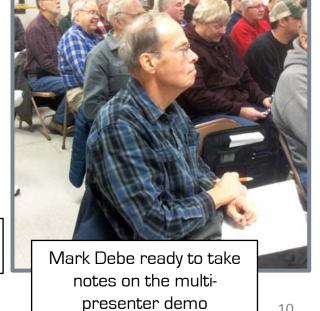
Steve Kingdon with an explanation for visitors (& after the meeting, new members) Sandra & Tim Seidel

Tim Heil & Dick Humphrey enjoying pre-meeting activities





Tom Sciple & Jerry Hanscom enjoying the Instant Gallery





Before the Meeting (cont'd)

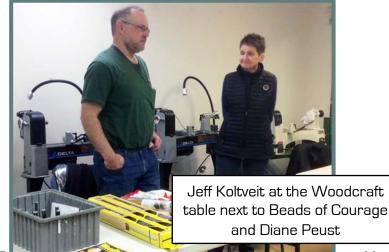


Gordon Fay always arrives early and gets his coffee and a good seat

Warren Gerber signing Rick Auge's Thank-You card for his 4 years of service as club president



Otto Oelke & David Struck





Before the Meeting (cont'd)







Wood Donation

Back in early November, Kay McKay from South Minneapolis contacted Linda Ferber about donating wood to the club after she saw the Beads of Courage article in the Star *Tribune*. I went to Kay's home right before Thanksgiving and picked up what she had. It was wood from when her father was a woodworker and she had no use for it, but thought the Woodturning Club could use it. There was an assortment of maple, oak, hickory and mahogany. I decided that as a thank you and as a memory of her father, I would make her a segmented bowl. At the same time I made a Beads of Courage box too, both of which are pictured on this page.



Greg Just with the bowls for Beads of Courage and for the donor of wood to the MWA



Announcements

- •President Rick Auge announced the new officers would assume their positions at the beginning of the year and introduced new Board Member, Tom Sciple.
- •The monthly demonstration will be a new format; four members of the club will do short demonstrations. It is a great advantage of the club to have a large number of experts able and willing to share their expertise with the membership.



Pres. Rick Auge



Announcements (cont'd)

- •All of our monthly meeting dates are on the calendar through the end of 2019. There are also some expected annual events that have been noted in our website calendar.
- •To use the calendar on our website you need to select both the month **and the year** to see what is on the calendar for that month of the year for which you are interested.
- •For instance, if you want to look at June 2019 events you must select both June and the year 2019, then click on View. You do not need to be logged in as a member to view our calendar. Calendar viewing is open to the public.

(cont'd next page)



Announcements (cont'd)

- •We cannot book instructors a year out. We are in a constant search for instructors to teach classes that our members want to see. Our instructors are primarily volunteers from the woodturning community who offer their time and talent to help others learn.
- •As soon as we are able to book instructors to teach classes, or demonstrators to do monthly demonstrations at our meetings, the calendar is populated with those events. Even though the monthly meetings for 2019 are on the calendar at this time, it may not yet show the demonstration subject.
- •We strive to have weekly Saturday classes October through April, with the exception of December and holidays.

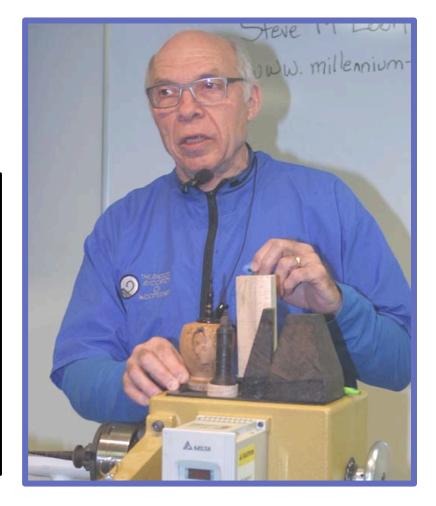


December Demonstration A Quartet of "Hometown Experts"

Steve McLoon Finials

Steve emphasized that to make excellent finials, you need wood with a straight and tight grain.

He has a unique source, rejected blanks for clarinet bells. These are African blackwood and have 2 distinct advantages: 1) the wood takes the sharpest detail, and 2) black goes with any color of wood; Steve doesn't have to try to match or complement the piece's wood with wood for a finial.





Steve does the heavy work before the fine finial. He designs by eye – what looks good



Sharp details!! Flame, fillets (sharp bead), cove



"Don't be afraid of the finial blowing up – push the envelope!



Preparation: You need to have a plan. Steve likes increasing height and diameter

He mounts and turns the rough shape



Steve starts with tailstock support and uses a Detail gouge with a 40^o bevel and marks the divisions

Steve turns the base first and undercuts the base to fit the contour of the piece, then he mounts the piece

He then starts turning at the sharpest point and sanding to FINISH



Steve finishes each element as he goes – DO NOT GO BACK to a smaller element

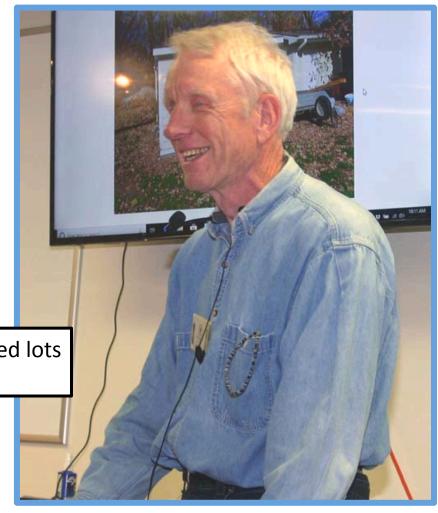


Todd Williams My Shop

Todd wanted us to see his shop as he uses it. He did not clean up the shop just for the photos for this demo.

Todd's shop is 12' x 30'. He has collected lots of "found" wood

Todd feels one of the best aspects of his shop is that he has plumbed the entire shop for dust collection



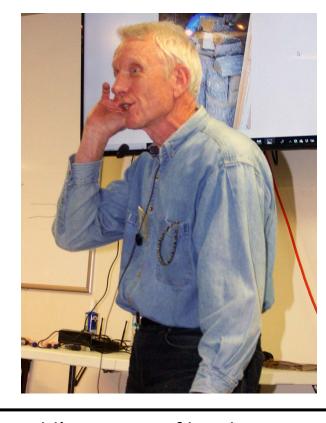




Todd has great suction throughout his shop but also has tool specific suction such as the hood for sanding on the lathe



Minnesota WoodTurners Association



Todd's pictures of his shop were typical of most of our shops. His table saw is essentially a "table". There are very few "clear" spaces. Things are in sight & within reach. Todd knows where they are and they are close to where they are needed.



Todd feels that his purchase of a number of chucks with different sized jaws was his best investment





Jim Jacobs Lefsa Sticks

The tapered lefse sticks slide easily under the lefse for transfer from the pastry cloth to the grill. Some lefse cooks prefer one stick for taking to the grill and one for turning the lefse while it is cooking







The lefse stick comprises 2 parts, the tapered blade and the handle that holds the blade. These can be made separately & joined together later in the construction. Jim definitely prefers the blade laminated between the halves of the handle.



Jim uses a "sheath" that covers and stabilizes the blade while he turns and finishes the handle



New members, Tim and Sandra Seidel, examine a finished, laminated lefse stick







Jim recommends Klingspor sanding paper https://www.klingspor.com/products/ index.htm

He has jigs for doing all of the finishing, notching and shaping of the blade

WOODMANMN CAOL. CON text 651-497-1309

For finishing, Jim uses *Tried & True* finish, which is a combination beeswax/linseed oil

Contact Jim for ANY questions you have



Tim Heil Tool Handles

Tim generally uses the roughing gouge and the detail gouge to make his handles.
The skew can be used if you are comfortable with it.



Tim Heil organized this demo with 4 club demonstrators

Tim feels strongly that turners should learn to turn both right and left handed

He advocates the "woodturner's sway", that is guiding the tool by holding your hands and arms still and moving your body



Tim always wants a smooth final cut, especially on end grain



Tim uses the roughing gouge and can accomplish very clean cuts and smooth surfaces



Tim uses the detail gouge or the skew for fine details in the design of the handle. He guides the gouge by pointing his finger down to tool.



Tim hones the roughing gouge just before the end of its use to get a final surface as good as medium sandpaper



Thanks, Tim for organizing the 4 turner demo. We were waiting for the "Quartet" to sing, but it never happened.





Tim stongly emphasized the use of excellent dust and fume masks



Member Challenge (Holiday Ornament)



Al Feist and Jeff Luedloff accepting entrants in December's Member Challenge



Some of the early entrants



Member Challenge (Beginner/Intermediate)

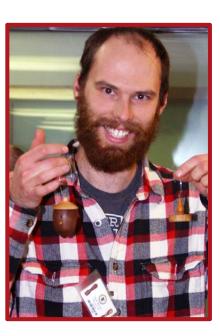
Holiday Ornament



Danny Judd 2nd Place



George Martin 3rd Place



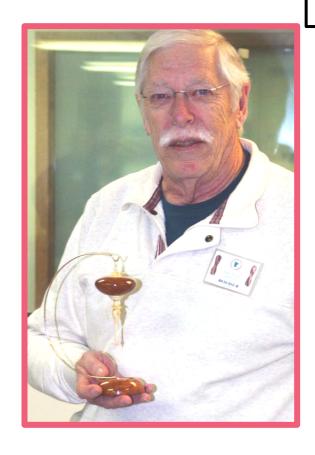
Mark Relson 4th Place

Ben Pawlak 1st Place



Member Challenge (Advanced)

Holiday Ornament







Dan Ernst 1st Place Ken Hallberg 2nd Place Greg Just 3rd Place



Member Challenges for 2019 (Jan-May)

January – Winter's BLACK HOLE – The best use of BLACK as an element. Ebony, Dye, Paint, Burning . . .

February - SEGMENTED Turning

March – HANDLES – Anything with a handle

April – Peppermill or Salt & Pepper Shaker sets

May - Spheres



Welcome New Members!



Don Hatteberg Ham Lake



Doyle CarrollCarlos

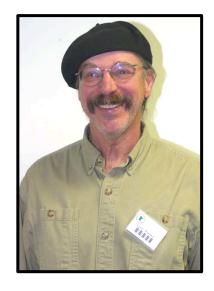


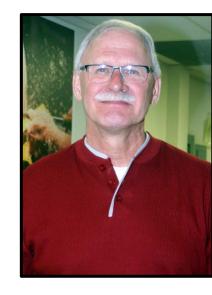
Herb Letourneau Chisago

Tool raffle winner At his FIRST meeting



Welcome New Members! (cont'd)





Phil Holtan Perham



Tim & Sandra Seidel
Minneapolis



Larry Wiesner

Minneapolis

Welcome New Members! (cont'd)

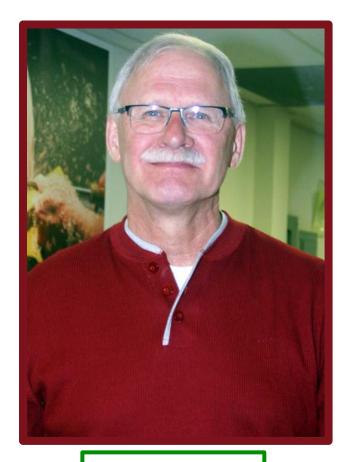
Darren PiersonElk River

Oleg Ostapchuk Big Lake Ron Majerus Eden Prairie

Paul Fransen Mounds View Marjean Paul Chaska **Darren Pierson**Elk River



Welcome New Members! (cont'd)



Phil Holtan

We have the entire range of skills and experience among our MWA members. One of our new members, Phil Holtan, stands out. Rarely (maybe never) has a new member joined who has 2 instructional DVDs in our library:

Turning Great Stuff &
Turning Great Bowls Again
You can also check out Phil's shop and
turning at:

https://www.youtube.com/watch? v=AVBNqSUkjhM

Phil has been teaching woodturning for 35 years and is moving from Perham, MN near Detroit Lakes about 70 miles east of Fargo to the Twin Cities in January.

Welcome, Phil!





State Fair Winner

Todd Williams won the First
Premium/Creative Activities
Award & the Peterson Memorial
Award for Superior
Craftsmanship.

Congratulations, Todd!!

The Editor apologizes for missing Todd Williams' winning performance at the State Fair. We are proud of all of our First Place winners, Todd, Denny Dahlberg and Greg Just.



Next Meeting

January 5, 2019 - Saturday morning 9 am Location: Houck Machine Co.
12811 16th Ave N Plymouth MN 55441

<u>DONUTS</u>

Demonstration:

Scandinavian Bowl - Dan Larson

Member Challenge:

Winter's BLACK HOLE – The best use of BLACK as an element. Ebony, Dye, Paint, Burning . . .



Member Mini-Class

Shop-Made Sanding Butter & Sanding Abrasive by Danny Judd

Many woodturners use various lubricants (including water) with their sandpaper as part of their finishing process. It reduces heat, carries away the grit from the surface, and helps keep the sand paper from clogging up. Taking it a step further, many turners use a product such as EEE-Ultra Shine or Yorkshire Grit as a final sanding step.

Typically applied with a rag or paper towel, these products are a fine cut and polish to remove any micro scratches remaining after the previous sanding grits.

Typically, these cost at least \$25 per 8 oz container.

You can make both of these products yourself quickly, easily, and for a lot less money than they cost if you went out and bought them. (Plus this smells better and softens the skin on your hands.) What follows is how I made approximately 16 oz of each, in less than an hour, for a total cost of \$8.22.



To be very clear, this is far from my original idea, ingredients, or process. I've seen many internet recipes, YouTube videos, and print articles about this. There are various formulas and ingredients. This is simply what I chose to do and what works for me. Your personal experience may, in fact, be different.

To get started you'll need a few things. First of all, you'll need a way to slowly heat the mixture you are going to make. Your current living relationship and desire to keep it intact, may factor into what you use for this purpose. An old slow cooker or crock-pot would work great.

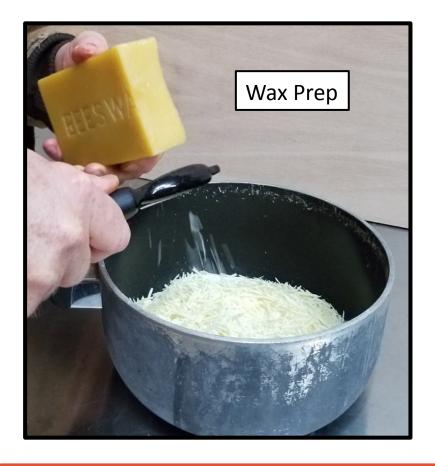
I didn't have one that my wife wanted to donate, so I made a double boiler out of a couple old pans the grandkids used in the sandbox. A large pan of water on a hot plate works great. Heat the water and put your ingredients into a second pan that sits in the water. The key is to heat slowly and not burn your mixture.





You'll need some type of scale capable of measuring ounces to at least one decimal place. A postal or candy scale work. I already have one I bought somewhere along the way that I use to weigh out resin. I found it handy to measure out the ingredients I needed into plastic cups prior to starting to cook.

You'll also need the ingredients. The primary ingredient is bee's wax.
While you could get this from various places, I got mine from our very own club member Greg Renstrom. I bought a one pound brick for \$8, but used less than half of it.



It will be to your advantage to cut or grate the wax into small pieces ahead of time. This will make it melt much faster when you begin the cooking process. I used an old potato peeler to grate mine.



The other ingredients are mineral oil and diatomaceous earth. I bought two 16 oz bottles of mineral oil at Walmart for \$1.98 each. I didn't use it all, but after spilling some there wasn't a lot left over. Diatomaceous earth is used for many things. It is sold as an insecticide, an ingredient in toothpaste, and many other things.

It is food safe, but contains silica so you shouldn't breath the dust. It contains the same tripoli abrasive found in all of these abrasive products. I got mine at Home Depot. A 4 lb bag was \$8.47. Since I only used 2 oz, I have a lifetime supply unless I am overcome with roaches.





I made my sanding butter first. You can make any quantity, but want to maintain a 1:4 ratio of wax to mineral oil. Since I planned to make 16 oz of sanding butter, I measured out 3.2 oz of the wax I previously grated. (16oz x 20% = 3.2oz). When you measure out the mineral oil, keep in mind that this recipe is by weight rather than fluid ounces

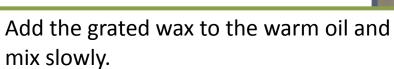


One fluid ounce of mineral oil weighs about 1.188 ounces. That said, I used 15.2 oz of mineral oil. (16oz x 80% = 12.8 Fl oz and 12.8 fl oz x 1.188 = 15.2 oz)





Heat your water in the double boiler and then add the mineral oil. Let that warm, but certainly not boil. Nowhere along the way do you ever let the mixture get hot enough to boil. You are simply heating enough to melt the wax and dissolve the ingredients together.









Adding the grated wax to the warm oil and mixing slowly.

The oil and wax mixture should be clear and the chunks gone when it is done.





Pour the melted mixture into whatever containers you choose to use. I used smaller disposable Ziplock tubs. One tip here . . . place newspaper or paper towel under your containers BEFORE you pour. It can get messy if your pan doesn't have a pour spout.





16 oz. containers of sanding butter





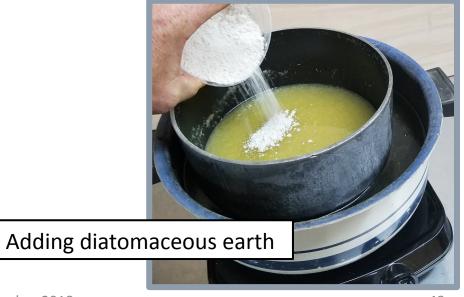
Creating the abrasive sanding paste is really the same process. The recipe is similar, but slightly different. To make 16 oz, I used 2oz grated bee's wax, 2oz diatomaceous earth, and 12oz mineral oil.





Mix the ingredients in the same manner.







Stir thoroughly and make sure your mixture is completely dissolved. You want to pour into containers right away so that none of the abrasive settles out to the bottom.

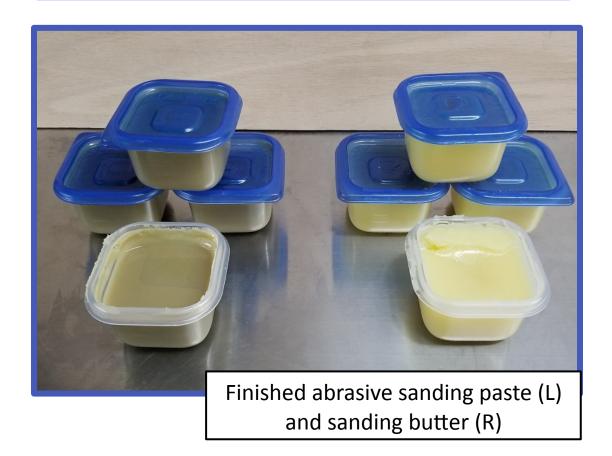








Roughly an hour after starting to mix and cook everything, I had 16 oz of sanding butter and 16 oz of sanding abrasive for \$8.22 total.





Thank you, Danny.

I am sure this

Mini-Class will give

many of us the

knowledge and

self-confidence to

make these

materials for

ourselves.



Member Mini-Class

This is a feature I would like to expand and continue in future newsletters. I did a Mini-Class on an Emerging Bowl From a Log a few months ago. Danny Judd did an excellent Mini-Class for this issue.

If you will provide text and pictures, I will put it in PowerPoint and PhotoShop the images so we can learn from each other in the newsletter.

Mike Rohrer, Editor



TURNING TIPS*

2 Tips to Prevent CA Glue Staining

When you are about to use CA glue to fill a crack or stop it from progressing, apply shellac to the area first. Shellac dries quickly, turns or sands off easily, and prevents the darkening/staining of the coated area. Two dark lines in the adjacent image are the repair areas.

One thing that increases the chances of success is applying both the shellac & the CA "early" enough so that the glue goes into the crack but the surface can be turned away. You don't want to do this so early that the crack at the final surface is not sealed and the process must be repeated. A bit of trial and error and it is somewhat dependent on the wood species.

Mike Lucido





TURNING TIPS* (cont'd)

We might not admit it but almost all of us use CA glue to fix those small hairline cracks in our turnings. The problem is that CA glue stains the wood and it's application leaves a tell-tale stain around the crack that has been repaired. Because the thin CA glue was absorbed into the wood, it is almost impossible to sand out the staining.

One solution is to apply a coat of paste wax to the area of the repair before applying the CA glue. Use your finger to apply a little wax to the crack and the surrounding area. Apply the thin CA to the crack and it will penetrate into the crack by capillary action, but won't be absorbed where the wax is. The CA won't saturate the wood covered in wax but will saturate into the crack quite deeply. The wax of course, is easily sanded away before final finish.

This also works for larger repairs, but care must be taken that no wax gets inside the repair area. I have successfully applied wax up to the edges of the defect, rubbed sawdust or other filler into the defect, then applied the CA to the filler in the usual way. No staining around the repair.

[Images on Next Page]

Dan Ernst



TURNING TIPS* (cont'd)





*This is a new feature of the MWA Newsletter. All members are encouraged to contact Editor Mike Rohrer (mdrprof@gmail.com) with a tip regarding any aspect of woodturning to share with the membership



Ask a Turner*

I have been experimenting with putting a decorative metal band around my bowls, something like a brass or gold wire. I have not been able to find wire that is flexible enough to stay in place for the curve of the bowl. Typically, the wire wants to "unwind" from the bowl. The result is that I cannot get the CA to properly adhere the wire to the bowl. I have tried several decorative wires, but no luck. Something as soft and flexible as solder is what is needed. I have not yet tried solder because I wanted the metal to be more decorative.

I wonder if anyone would have some suggestions?

Mark Kelliher

*This is a new feature of the MWA Newsletter. All members are encouraged to contact Editor Mike Rohrer (mdrprof@gmail.com) with an answer to the "Ask a Turner" question or with a question to publish in next month's newsletter.



Area & Regional Meetings & Gatherings

HAMBURGER CLUB

Joe Zwirn, Mike Hunter, Steve McLoon, Steve Mages, Bob Puetz and Mike Rohrer attended the Hamburger Club meeting Thursday, November 15



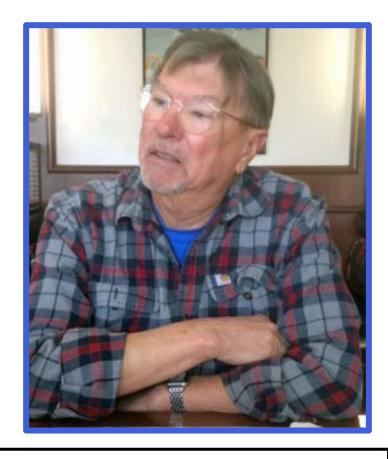
Joe Zwirn, Steve McLoon & Mike Hunter

A number of woodturning topics were discussed including finishing, selling turnings, tool choice and professional demonstrators at monthly meetings



Mike Rohrer, Steve Mages & Bob Puetz





Mike Hunter brought a prototype tool to show the group. He answered a number of questions regarding the tool and listened to a number of comments from the other attendees.



Steve Mages, as **Mentoring Program** Director, discussed introducing potential new members to woodturning by visiting shops and spending time with members

Steve McLoon answered some questions Mike Rohrer had about selling pieces by placing them in gift shops on consignment





Area & Regional Meetings & Gatherings

HAMBURGER CLUB

We generally meet the Thursday of the 2nd week following the club meetings. Our December meeting will be Thursday, Dec. 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



Area & Regional Meetings & Gatherings

PLYMOUTH AREA SMALL GROUP

The November Plymouth area small group meeting was held Thursday, Nov. 15. Gary Novak, Lee Luebke, Wayne Johnson, Jeff Luedloff, Al Feist, Dave Nash, Otto Oelke, John Danielson, David Struck and Steve Mages attended. We discussed epoxies, checking and drying among other topics.

Gary brought a slice of a tree with an unusual shape and we discussed possible uses.

Due to Steve's schedule, Wednesday is no longer available for the foreseeable future.

The December meeting is Tuesday, Dec. 18

The usual meeting place is <u>10501 Belmont Rd, MInnetonka</u>. Steve Mages <u>952-544-5286</u>



Lake Johanna Sub Group

The newest sub group has been organized by Gordon Fay. Members interested in meeting other turners from our club in an informal setting in Arden Hills, the address is 3355 Lake Johanna Blvd, Arden Hills MN

at the big white house on the corner of Stowe (enter from Stowe Ave).

The December meeting was held Dec. 11th and will be reported in the January Newsletter.

Watch the MWA website for info on the January meeting.





Gordon Fay, Mark Fay, Vic Spaulding, Chad Anderson, Mark Kelliher, Dave Carlson and Mike Rohrer attended the November meeting



Lake Johanna



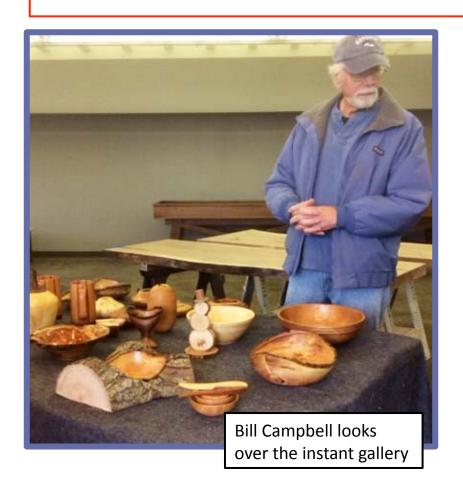
Chad Anderson's demo was a bowl within a natural edge bowl



Gordon Fay, Mark Fay & Dave Carlson watch Chad Anderson turn the bowl within a natural edge bowl



SE METRO SUB GROUP





Doug Ashton, Lee Tourtelotte, Bob Hansen and Jay Schulz discuss Lee's jigs



Bill Campbell, Jim Jacobs, Jay Schulz, John Schultz, Mike Rohrer, Lee Tourtelotte, Dave Olson, Steve Miller, Bob Hansen, Doug Ashton, Randy Lundberg and Mike Lucida attended the meeting Friday, Nov. 16 held at Denali Woodworks in Hastings.



SE METRO SUB GROUP











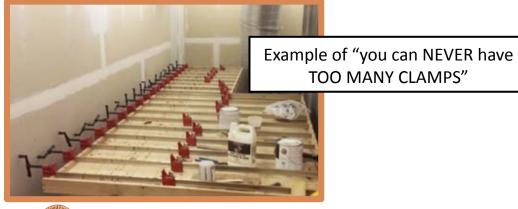
Beaver's jig for wave inserts in bowls

SE Metro





Doug Ashton's natural edge bowl and its origin





Steve Miller & Keith Fjelsted, who rents space from Jason and also makes amazing furniture



SE Metro











Lee Tourtelotte's pieces



Future Classes

Dan Larson, MWA-Class Coordinator, announced future classes:

- January 5, Sharpening Classes Immediately after meeting. Check website calendar for details
- January 19, 9am 3pm. Jeff Luedloff. Make Your Own Woodturning Tools
- January 26, Dan Larson. Beginning Your Bowl Turning Journey
- February 9, Bob Meyer. Introduction to the Lathe
- February 23, Rick Auge. Traditional Hollow Forms
- March 9, Bob Meyer. Exploring Natural Edge Bowls
- March 16, Linda Ferber. A Fresh Look at Box Making

CHECK THE WEBSITE *Quick Links* FOR DETAILS and SIGNING UP FOR ALL CLASSES



Future Classes (cont'd)

Dan encourages new turners to jump in and try a class or two. He encourages more seasoned turners to take a class to have some fun turning with a group.

- Also, we are always looking for lead Instructors who have a specialty project they want to teach; please contact Dan and share your skills.
- In addition, if you don't want to be "The Lead Teacher", we would love it if you would volunteer as an assistant. There is no better way to increase your own skills than to teach someone else. So PLEASE VOLUNTEER.

Thanks, Dan Larson MWA- Class Coordinator



AV Volunteers

We are looking for 2 or 3 people to become part of the MWA-AV Team. We are looking to expand our staff so we have more members who are trained in the operation of the soundboard and the cameras to help with the monthly meetings. The only qualifications are that you normally attend most meetings and are willing to run the soundboard or the camera at some of the meetings.

If you are interested please contact either Richard Hicks or Dan Larson at the next meeting. Thanks.



Editor's Notes

- •Please consider doing a Member Mini-Class for the newsletter; many members could contribute to our knowledge and skill but would not like to get up in front and demonstrate.
- •Congratulations to the new board members elected and the new president, Lee Luebke. I'm new enough that I've only known Rick Auge as president. I want to thank Rick for encouraging me to take over the newsletter and for his support as I was feeling my way at the beginning. And once again, I'd like to thank my predecessor editor, Pete Bryant, for his help and especially the high bar he had set for the quality expected of the MWA Newsletter.

Mike Rohrer, Editor mdrprof@gmail.com

