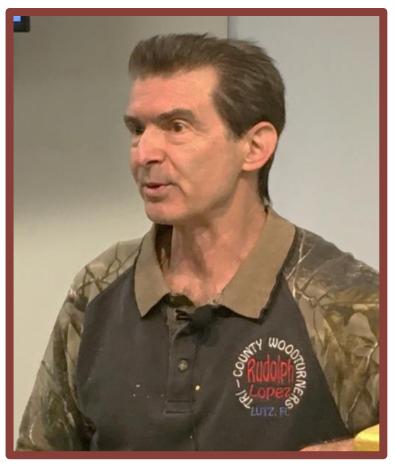


Minnesota WoodTurners Association

A LOCAL CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS



Volume 2020 No 2



February Demo

Rudy Lopez

Long Stem
Natural Edge Vessel



Minnesota Woodturners Association

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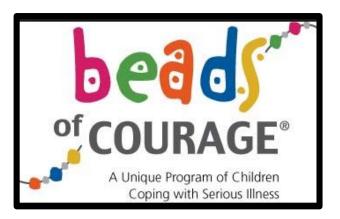
Paul Laes – Sales at Meetings

Mike Rohrer - Newsletter

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Diane and Bob Puetz direct this program for the Minnesota Woodturners Association.



MWA Instant Gallery and Monthly Challenge Policy

Strategic Foundation. A key purpose of the Minnesota Woodturners Association is to provide a forum for people of all levels of woodturning competence and experience to share ideas, stimulate creativity and explore methods and techniques.

Implementation. Each MWA meeting includes opportunities for members to show their recent work. Formal opportunities for sharing include:

Instant Gallery for members to display their choice of recent work and **Monthly Challenge** on a topic published on MWA.com that is generally based on the previous month's demo. Monthly Challenge entries are presented in two skill levels: beginning/intermediate and advanced.

To encourage participation and add to the fun, Woodcraft provides 10 \$10 Woodcraft Gift Cards at each meeting. Gift card awardees are identified by a three-member appraisal team selected by the Chair from meeting attendees. The appraisal team will vary each meeting so that a variety of members get experience reviewing and appraising turnings. All work must be on display at the beginning of the meeting to be considered for an award.

Continued on next page



MWA Instant Gallery and Monthly Challenge Policy (cont'd)

Gift cards are awarded as follows:

Instant Gallery four gift cards. Specific criteria may vary based on the work reviewed. However, the appraisal team is encouraged to consider project difficulty, creativity, overall aesthetic and quality of the workmanship. These are not intended to be ranked awards, but all equal recognition.

Monthly Challenge six gift cards: three for the beginner/intermediate and three for the advanced. Specific criteria may vary based on the challenge. The appraisers are encouraged to consider project difficulty, creativity, overall aesthetic and quality of the workmanship. These are not intended to be ranked awards, but all equal recognition. For the monthly challenge please submit only one entree each month.

If participation is insufficient, the appraisers may use their judgment in reapportioning the gift cards.



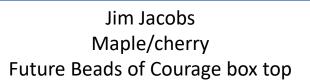
Instant Gallery



2 full tables of interesting and excellent pieces comprised February's Instant Gallery



Martin Young
Elm & Walnut Beads of Courage Box









Dick Hicks Hackberry Glenn Lucas Bowl Finish



Don Schlais Padauk, walnut, zebra













Ken Gustafson Black ash burl



Ambrosia maple Butcher block finish

Tom Sciple



Bradford Pear Turned 2003

Spalted maple Formby's tung oil





Dan Ernst Round bottom walnut

Dan Ernst Birch natural edge crotch





Mike Rohrer Yarn bowls heavy enough not to need the curlicue side cuts for the yarn



Ash/bamboo

Ash/walnut



Bob Meyer Wing bowl from Rudy's class











Greg Ford
Vortex dizzy bowl
Maple, red oak, padauk, purple heart,
yellow heart, rosewood, red heart





Jim Robertson Apple



George Martin
Box elder Duck Bowl

Peter McMurry Maple/cherry







Peter McMurry Maple/cherry/walnut



Spalted maple





Ellen Starr



African blackwood, ebony, silver & copper



Instant Gallery Honorable Mention





Don Schlais



Greg Ford





Before the Meeting



Lots of interest in the Instant Gallery





Jane Hilary, Tom Sciple & Dan Ernst enjoy the coffee & donuts





Before the Meeting (cont'd)



Bob Meyer & Linda Ferber talk with demonstrator Rudy Lopez

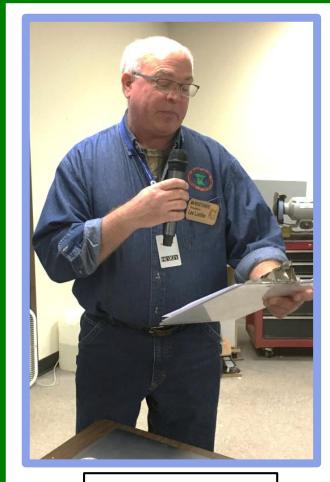




Dan Ernst managing our excellent library



Announcements



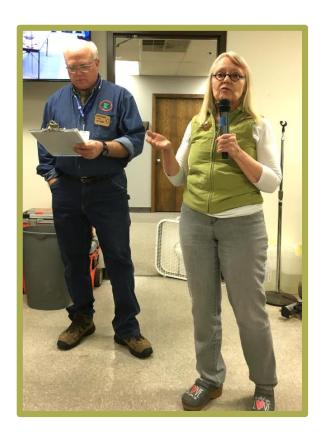
Pres. Lee Luebke

Pres. Lee Luebke announced that the Board has finalized guidelines for the Instant Gallery & Member Challenge, including the purpose, implementation and recognition. Please see pages 4 & 5 of this newsletter.

Dan Larson, Class Coordinator, announced the following classes: Feb 15, Hollowing Feb 22, Women in Woodturning Feb 29, Bob Meyer, Natural Edge Bowl Mar 14, Dick Hicks, Platters Check the MWA website for details and updates for classes



Announcements (cont'd)



AAW Representative, Linda Ferber, announced that the AAW has a new website, which everyone should try and see the changes and improvements.

The AAW website has a new section, Maker's Profile. This section will feature 12 items that members have made and submit for publication. Contact Linda for details. The AAW Annual Meeting is June 4-7 in Louisville, KY.

People interested in attending should coordinate with Linda because if 10 people get their tickets together there is a discount.



February Demonstration Rudy Lopez – Long Stem Natural Edge Vessel

Rudy presented a method for turning a long-stem natural edge vessel. He included many tips and methods for any type of woodturning, not only the vessel with the thin, long stem he was demonstrating.



Rudy has an outstanding presentation style. His sense of humor comes through his entire presentation and makes for a very pleasant and educational experience.

Rudy says if we try to contact him or look up his website, look for Rudolph Lopez. If we just go checking around for Rudy Lopez we'll find a notorious fugitive from Miami.





Rudy ALWAYS wears a full-face shield.

Rudy admits to being a fanatic about techniques. He says there are 3 fundamental basics for good woodturning:

- 1. Sharp Tools
- 2. Good Tool Control
- 3. Bevel Supported Cut



Rudy's demo to the MWA on February 1, 2020 was a long-stemmed goblet. He started by explaining how he picks wood and what he's looking for. In a good branch or small limb, Rudy doesn't want the pith running straight through the stem but he wants heartwood for strength.





When analyzing the limb's cut ends to determine the location and path of the pith, don't flip the piece of limb over; turn it side to side so it doesn't confuse you as to the path of the pith through the wood.

Determine where the branches have grown from the limb. The location of the branches will cause the stem of the goblet to bend. So, branches can be **Features or Flaws**.





Rudy went over his guidelines for the height of the lathe to the turner. For bowls, Rudy wants the elbow to be at the level of the lathe's spindle. For certain operations including very detailed work, Rudy likes to be much lower in relation to the lathe.



The first operation is to create a tenon to be held in the jaws of the chuck. Rudy likes the VicMark chuck with the dovetail shape jaws. The corner of the dovetail tenon needs to be perfect, clean and sharp. Rudy sharpens his parting tool to easily accomplish this.





The jaws of the chuck should almost touch when closed on the tenon, with no more than 1/8" or at the most ¼" space between the jaws when tightly closed. DO NOT extend the jaws beyond the body of the chuck.

Snug the chuck with the chuck tool multiple times, rotating the chuck and using all the tightening holes until the chuck tool cannot be moved at all.

Rudy believes every turner should be expert at coves and beads; he says they are the scales and chords of turning.



Bowl gouges need relief at the heel. Rudy uses a 60° bowl gouge (he calls a meat cleaver) and a 40° gouge he calls a filet knife.

Use your body to turn the tool.

Bowl gouges are easier to control than spindle gouges.

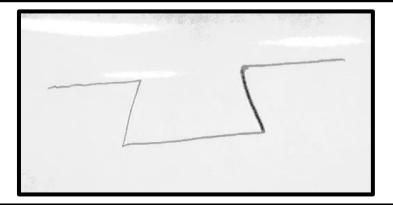


Any mass you remove from the wood increases the vibration. For longer stems or other items, you need a steady rest.



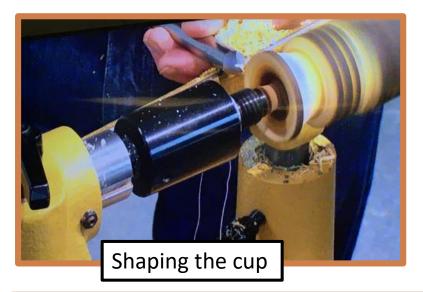
Hollowing end grain – move the tool from center to outer area. Sometimes cutting the "wrong" direction is better than scraping the "right" direction.

Rudy doesn't like forstner bits for hollowing out the center of a piece. He prefers a wide machine bit with a tapered tip. A large diameter bit with a morse taper can be obtained from wttool.com.



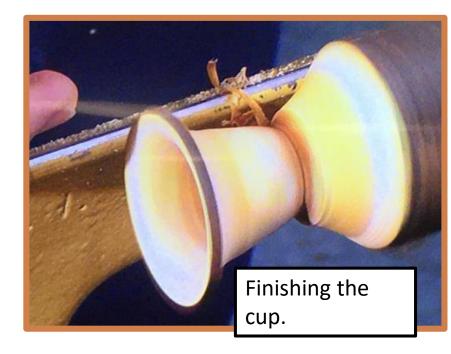
Rudy likes the dovetail chuck jaws and emphasized that the dovetail edges must be SHARP (left side above)









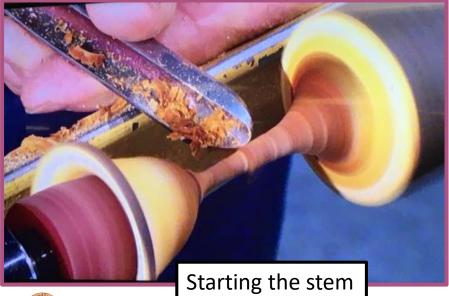


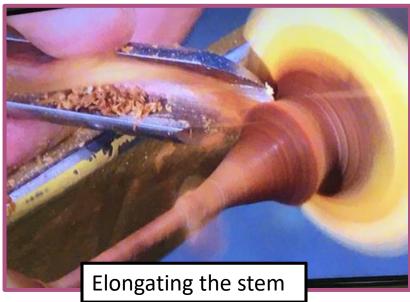


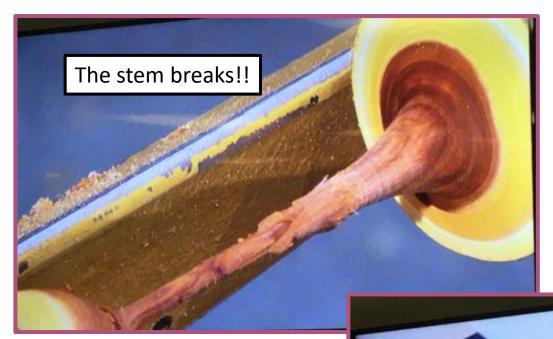
Demo Rudy Lopez















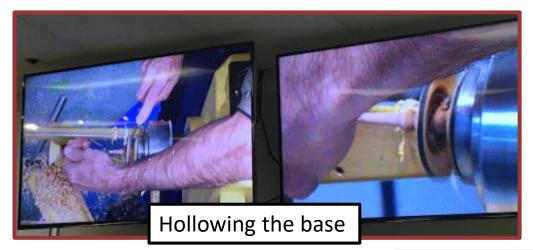






Adjustable clothespin "Steady Stem"









Bending the stem. Rudy likes to bend the stem in 2 directions.









Thank you, Rudy, for a great demo and all your tips for great and enjoyable turning!





Member Challenge (3-Pointed [or simple] Vase)



Jane Hilary Cedar



Greg Just Ambrosia maple

The MWA Board of Directors has decided that the monthly Member Challenge will designate a number of participants in an unranked manner who have met the "challenge" especially well in creativity, overall aesthetics and workmanship. See pages 4-5.



Roger Erickson Walnut



Mike Rohrer Wormy butternut

Member Challenge (3-Pointed [or simple] Vase)





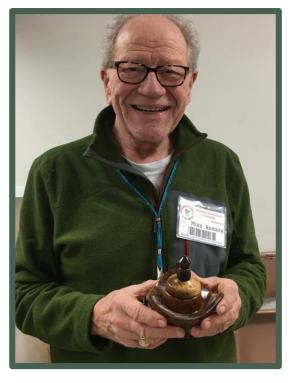
Member Challenge (3-Pointed [or simple] Vase)





Member Challenge Honorable Mention







Beg/Intermed
Julie Abbott

Beg/Intermed Mike Rohrer Beg/Intermed Martin Young



Member Challenge Honorable Mention



Advanced Dan Ernst



Advanced Ken Hallberg



Advanced Greg Just



Member Challenges for 2020

MARCH - Long Stem Natural Edge Vessel

APRIL - Hollow Form

MAY - Cowboy Hat





Peter Demitroff St. Paul



Cohen Rautenkranz
Apple Valley

Welcome New Members!

Ken Crea, Membership
Director, says we have 329
members, a slight drop from
last month due to the
number of January renewals

John Verhoeven Minneapolis

Dave Peterson Arden Hills

Brian Hoerr Zimmerman



Steve Legvold
Apple Valley

Todd McLaughlin Carver

Keith DahnertPrior Lake



Next Meeting

March 7, 2020 - Saturday morning 9:30 am

(Arrive early for Member Challenge Voting, Instant Gallery, Raffle Tickets, Beads of Courage, Woodcraft Display, Library, Coffee, Membership issues, Donuts and Fellowship)

Location: Houck Machine Co. 12811 16th Ave N Plymouth MN 55441

Demonstration:

Lyle Jamieson - Remote Demo

Hollow Form — "My demo will cover interests of both beginning turners and challenge the advanced turner to take it to new levels of fun."

Member Challenge:

Long Stem Natural Edge Vessel



Ask a Turner*

TURNING TIPS*

*All members are encouraged to contact Editor Mike Rohrer (mdrprof@gmail.com) with an answer to the "Ask a Turner" question, with a question to publish in next month's newsletter or with a "Turning Tip."



TURNING TIPS*

Woodturning Tips – Jim Jacobs - Woodman MN

- •Don't buy a "set of tools." Wide, shallow gouges and long, small gouges are not much use. Some tools are sold unhandled. Handmade handles look great and make tools easier to recognize quickly.
- •There are two different types of turning: faceplate & spindle. Faceplate includes bowls and turnings mounted with the grain of the wood in a vertical plane. Spindle includes anything mounted between centers with the grain in a horizontal plane.
- •Think of the wood as layers of "straws".
- •Don't use cheap tools! High speed steel is just fine for the average wood turner. Carbon steel is all right but will require more frequent sharpening. Generally, the higher the cost, the harder the steel and the longer it will stay sharp.
- •Don't make tools from files; they are brittle and can break.
- •Keep tools sharp at all times. It's very important to have one bevel, not multiple bevels. Get an 8" low speed grinder and combine it with a Wolverine jig.
- •Never use a roughing gouge on faceplate work such as bowls. The end grain can catch and cause a bad accident. Also, do not use a skew for the same reason.



- •The skew may be used flat as a scraper, but the edge will dull fast. Shearing like a small plane will work much better. The beveled, angled tip of the skew should be ground with a slight radius on the end. The short side of the cutting edge is the heel and the length of this side of the tool should be rounded to roll better on the tool rest. The long side of the cutting edge is the toe. Leave the long side of the length of the blade square.
- •Do not use a bowl gouge (deep fluted) on spindle work because the corners of the tool can catch.
- •Shallow-fluted spindle gouges with a fingernail grind, also known as "detail gouges", may be used on bowls with the bevel rubbing. This works nicely for smaller details and final cuts on the bottom of the bowl.
- •Scrapers may be used for roughing cuts but they work best as a finishing tool. Lower the tool rest so the actual cutting is being done on center. Slightly lifting the handle and tipping the cutting edge downward will make it less aggressive. Do not use a wide scraper as a roughing tool. The ½" width scraper can be used for roughing. Thicker scrapers work better than thinner ones because they don't vibrate as much (picture a tuning fork!).



- •The object when turning is to get the best finishing cuts as possible to reduce excessive sanding which tends to distort details.
- A sharp tool is safer than a dull one because it will not resist the wood. Tools may be used and work well directly from the grinder (think of the edge of a steak knife). Honing should be done for the best finish cuts.

MEMORIZE THE FOLLOWING

In wood turning 3 things <u>must have support at all times</u>, the LATHE, the WOOD and the TOOL!

- Supporting the lathe
- 1. The lathe should be mounted securely to the bench with the centers level with your elbows.
- 2. Avoid bending over; good lighting is essential. A window is great or a swivel-arm drafting light works well. Do not work on a low-quality lathe.
- 3. The cast iron mini lathes are very popular for a beginning wood turner.



- Supporting the wood
- 1. The wood must be held securely by a faceplate, a chuck or between centers.
- 2. Use the tailstock as much as possible while faceplate turning, including bowls.
- Supporting the tool
- 1.The tool gets support from 3 places: your hands, the tool rest and the bevel when it rubs the wood. This all happens simultaneously.
- 2. When using the skew and gouge the bevel rubs the wood directly behind the cut acting like a "depth stop". By slowly lifting the handle, it will cut deeper.

Most of all relax and enjoy the process! Listen to the wood as it is turned and let the tools do their job. Don't force the tools. Woodturning is an ongoing adventure. That's what's so fun about it!

Jim Jacobs

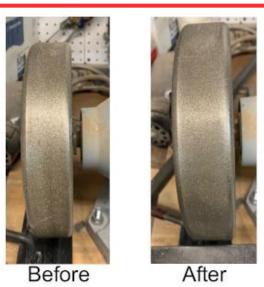


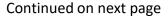
I recently contacted Ken Rizza from Wood Turners Wonders regarding the cleaning of a CBN wheel. Here is what he suggested:

Take the wheel off and spray it with a penetrant like PB Blaster or other solvent like kerosene. You can soak it in the penetrant if you wish. Then scrub it with a stiff brush - wire, brass, horsehair- doesn't matter too much. Rinse and put it back on the grinder. If you have soft metals embedded in the wheel then take the back end of a 1/4, 3/8 or 5/16 good quality drill bit and run the grinder while pushing the drill into the wheel using a tool platform and move across the wheel a couple of times. This will help get embedded metal out from between the pores.

Greg Just









I frequently need to repair a piece while turning, filling in a natural defect or frequently repairing a "modification" I had made unintentionally with my turning tool. I try to use sawdust from the piece or at least the same species of wood combined with a fast-setting CA glue or epoxy. If I weren't in the sanding phase or hadn't saved any sanding dust, I had a problem. I started stockpiling sanding dust from various species of wood in small containers from my morning's yogurt. I stack the containers and they don't take up much space. Now I can make a repair at any stage of turning.

Mike Rohrer







A few of my sanding dust containers



Holiday Party

The MWA has not had a Winter Holiday Party for a couple of years. This year a committee, headed by Sandra Seidel, planned a party for early January. This was a potluck dinner held at the John Rose Oval in Roseville. Those attending enjoyed fellowship, meeting new folks, turning exchanges, an ornament contest and an overall very fun evening.

Nancy and Tom Sciple organized the tree ornament contest. Note the numerous hockey games and the large, oval skating rink, which were visible from the party room.



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Diane & Bob Puetz







Cec Rohrer & Lois Tourtelotte











Connie Luebke





Linda & Tom Ferber



Larson kept things hopping

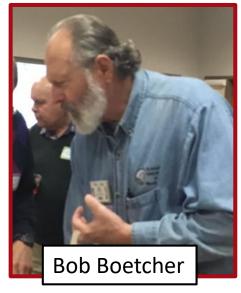


Kay Paulson























Duane Heng votes in the ornament contest



Mark Fay & Dave Carlson







Grant Dieterman choosing from the many tasty offerings

MC Dan Larson is amazed at the amount and variety of the food



Janese Evans, Amy & Grant Dieterman after the dinner













Each table had a bowl blank prize-winning ticket taped under the seat of one chair





The Holiday Party was a very enjoyable get-together of MWA members and their guests.

Thanks to the committee for their hard work:

Sandra Seidel – chair Roseann Gold Janese Evans Dan Larson (evening's MC) Neil Robinette





The Board of Directors instituted a new award in 2019, the "<u>Unsung Hero Award</u>". Three people received the award.

An **Anonymous Donor** of 174 bowls to the Beads of Courage program received an award. Diane Puetz accepts the award for the generous, anonymous turner from MC Dan Larson.



Steve Kingdon also won an award for his contribution of the Houck Machine facilities for the home of the MWA and his efforts toward the success of our organization



Area & Regional Meetings & Gatherings

Meetings of the various "Sub Groups" of the MWA are a highlight of the month for many woodturners. These gatherings offer opportunities that don't exist at the monthly meeting of the entire MWA, which must be highly structured. The Sub Groups provide a chance to ask other turners lots of questions, spend a lot of time on one technique, discuss items brought to the "show & tell", and really get to know one another in a casual, comfortable atmosphere.

The groups vary in location, type of meeting and size. All MWA members are strongly encouraged to contact the "point person" for the group to be included in the announcements for the monthly meetings.





Mike Hunter, Hamburger Club Sub Group Leader

HAMBURGER CLUB

The HC meets the Thursday of the 2nd week following the club meetings. The next meeting is Thursday, Feb 13. We meet at 11:30 am with lunch to be ordered about 11:45 am. Feel free to invite additional woodturners. No topics ... just an open dialogue of woodturning friends. Several attendees will usually bring a piece of interest (something good or something that went wrong to pass around the group). Mike Hunter "organizes" the group.

Meeting place: 50's Grill, 5524 Brooklyn Blvd, Brooklyn Center

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



Bob Puetz, Dick Hicks, Steve McLoon, Steve Mages, Marc Paulson, Joe Zwirn, Greg Just, Julie Abbott, Neil Robinette and Mike Rohrer attended the January meeting



Looking at bowls brought by Joe Zwirn and Julie Abbott before lunch







Hamburger Club









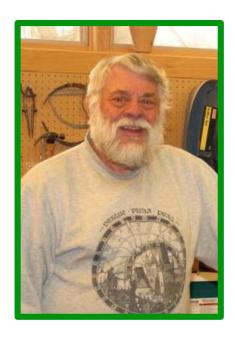
Everyone enjoyed Joe Zwirn's open, segmented bowl





"And then I turned a coffee mug THIS BIG!"





Steve Mages, Plymouth Sub Group Leader

PLYMOUTH AREA SMALL GROUP

The Plymouth Area group's February meeting was Tuesday, February 4, 7:00 PM. Our meetings center around open discussion on almost any topic, mostly related to woodturning. Folks bring a turning, problem, tool, or topic to share.

The usual meeting place is <u>10501 Belmont Rd</u>, Minnetonka.

To be added to the contact list, or questions or suggestions, call Steve Mages <u>952-544-5286</u> or email him.

smages@juno.com





January meeting attendees:

Back row: Ron Majerus, Denny Lutgen, Keith Anderson, John Danielson, Wade Dunkley, Pete Withoff, Fred Hegele. Seated: Steve Mages, Lee Luebke, Mike Anderson, Jeff Luedloff, Al Feist

We discussed a lot of woodturning subjects including cutting segments, epoxies, sanding sealer, form, scrapers, bowl gouges, power sanding and coring systems.





Bowl by Keith Anderson





Jim Jacobs, SE Metro Sub Group Leader

SE Metro

The SE Metro sub group February meeting will be Thurs, Feb 20 at Denali Woodworks in Hastings, MN. The group held its January meeting at Dave Olson's shop; it meets in various locations and types of venues, but frequently meets in Jim Jacobs' shop. The meeting is usually on the Friday of the 2nd or 3rd week after the MWA meeting. They generally begin at 10am and include lunch, either at the meeting location or a local restaurant. Some meetings continue after lunch.

The instant gallery is the central highlight, but each meeting has a main demonstration or principal discussion point of a technique or particular type of work.

Contact Jim Jacobs at <u>Woodmanmn@aol.com</u> to be included in the announcements for the SE Metro group







Warren Gerber, Dan Ernst, Mike Lucido, Lee Tourtelotte, Mike Rohrer, Dave Olson, Steve Miller, Glen Anderson, Jay Schulz, George Martin, Mark Debe, Dick Zawacki and Jim Jacobs attended the meeting at Dave Olson's shop.



The meeting had a morning session, a pizza lunch and an afternoon session.
Besides the fellowship and always interesting Instant Gallery, Jim Jacobs did 2 presentations.



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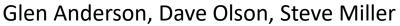




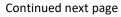


Jim Jacobs describing his band-sawed hollow form to George Martin

















Instant Gallery









Continued next page





Instant Gallery





Jim Jacobs. His after-lunch demo was compound miter staves.





George Martin & his 2-level pistachio tray



Jay Schulz's segmented box

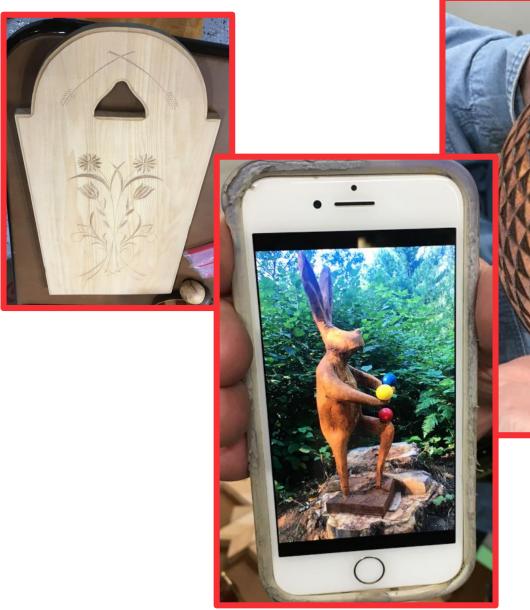






Glen Anderson & Jim Jacobs









Jim Jacobs did 2 demos. Before lunch he demonstrated cutting segments using his Super Simple Segmenting System.



The morning demo was segmenting rings







Jim got his inspiration from Texan, Jerry Bennett

Continued next page



After lunch Jim demonstrated cutting compound angled staves



Compound angle template



Preparing a template





The compound angle template runs against this fence

The template has an easyto-use handle and screws that protrude through the bottom just enough to engage the wood blank. All identification information is written on the template.

Continued next page



Cutting the compound angled stave using the special fence and the stave template





George, Jay & Steve watch Jim lining up and evaluating the staves. Jim's rule is always cut at least one more stave or segment than you need – just in case.





Custom chuck on faceplate for turning the glued-up vessel

Tapered chuck for tailstock

Taping & ready to glue

Lee & Dave paying close attention to Jim's explanation and demo



Area & Regional Meetings & Gatherings (cont'd)

Lake Johanna Sub Group

The sub group, organized by Gordon Fay, meets in an informal setting in Arden Hills at 3355 Lake Johanna Blvd, Arden Hills MN

The next meeting is Tue, Feb 18, 1-3 pm at Dave Carlson's shop, the big white house on the corner of Stowe(enter from Stowe Ave). Bring any work that you have done of late, we'd like to see it. If you have work that is hard to do, bring it, we will see if we can help work it out. Contact Gordon at fayboy2@comcast.net to be added to the announcement list



Gordon Fay, leader of the Lake Johanna Sub Group

Mark Fay, Chad Anderson,
Mike Rohrer, Dave Carlson
and Ken Hallberg attended
the January meeting, a small
but enthusiastic group



Area & Regional Meetings & Gatherings (cont'd)

Chad Anderson showed a large work stand he is making for holding 2 wide-screen computer monitors. The unit will contain several large, elegantly turned spindles.





Dave Carlson hosts the Lake Johanna group in his large, well-equipped and excellent shop

Area & Regional Meetings & Gatherings (cont'd)





Mike Rohrer, Chad Anderson & Mark Fay



Area & Regional Meetings & Gatherings (cont'd)

North East Metro Sub Group



Rick Auge, NE Metro Sub Group Leader

The newest sub group, NE Metro, plans to meet the Saturday after our regular MWA Meeting.
Please contact Rick Auge if you would like to be included in our list for meeting announcements.
We have space for 12 people.

If you would like to be included in announcements for the meetings, reply to Rick Auge: rauge2003@gmail.com.





January Meeting: Greg Just demonstrated how to cut and glue up ring segments for segmented turnings. This photo, segmented turnings by Greg Just; solid wood boxes by Colleen Snyder; scroll work by Tim Rystrom.





Pre meeting talk and coffee. Someone asked, "How do you make Friction Polish?" The ingredients are on the table. J Trice, Greg Just, Bob M, Marty L, Pat K.



Greg describing his home-made wedge cutting sled, the Wedgie Sled



Wedgie templates help align the guide arms on the Wedgie Sled



Greg's method of dabbing glue and aligning the glued wedges to form a ring





Check out the you tube videos by Jerry Bennett, they're called Segmentology. The 6-part series takes you through building a Wedgie Sled, to complex glue ups.

Clamping an entirely glued up ring. Due to the accuracy of the wedgie sled, the entire ring can be glued up. This avoids having to glue up two halves then sanding the open ends to get them to fit.



Finished turning



Using a platen board against the tailstock to clamp the segment ring to the base of the turning



Editor's Notes

- •Consider attending one of the Sub Groups. The situation at a Sub Group meeting is much more relaxed, "un-organized" and "hands-on" compared to the monthly MWA meeting. I've included pictures of the Sub Group leaders so that they'll be easy to recognize at the monthly meeting. Introduce yourself and talk to them about attending one of the meetings.
- •SEGMENTING –Segmenting seems to be of great interest at this time and 2 Sub Groups, SE Metro & NE Metro had demonstrations using slight variations on the techniques of Texan, Jerry Bennett.
- •LIBRARY Our video library is outstanding.

 Tip from Jim Jacobs "We have the Alan Lacer DVD "Getting Started Right".

 This is GREAT for beginners.
- •Please consider a QUESTION or an ANSWER to ASK A TURNER and send me your tips to the feature, TURNING TIPS
- Check out the new & improved AAW website.

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