

As the Wood Turns

NEWSLETTER OF THE
CHICAGO WOODTURNERS ASSOCIATION



30 YEARS OF ART, CRAFT,
TECHNOLOGY, AND
TRADITION.

AAW | AMERICAN ASSOCIATION
OF WOODTURNERS

September Newsletter 2019

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President's Curls



September 2019

Jacques Vesery will be here for an all-day demonstration September 7 and hands-on classes September 8-10. Here is your chance to learn how a master creates his signature pieces. The hands-on class are mostly full, no surprise, but you may be able to snag an opening if you email the Treasurer Matt Schmitz <angelhaus@comcast.net>

Labor Day has come and gone. It was first declared a federal holiday in 1894, and it is traditionally considered the last day when it is acceptable to wear white or [seersucker](#). The public pools close and everybody is back in school. Time for the rest of us to get back to work in the shop.

AAW has a partnership with Rockler Woodworking and Hardware, which offers CWT an opportunity to publicize the value of membership. AAW and Rockler plan a Pen Turning event at the Schaumburg Rockler store on Saturday, November 9. Classes will be held at 9:30 am, 11:30 am, 1:30 pm and 3:30 pm. Rockler will provide lathes, kits, and accessories. CWT will provide teaching assistants and chapter information/brochures.

This will be the second year CWT has participated in this event. CWT has volunteered to provide two assistants for the classes. This event will be an excellent opportunity for us to talk about woodturning, CWT, and AAW membership. Please see me at the next meeting for any questions and to volunteer.

Turn on! Chicago.

Be sharp, be safe.



Andy Kuby, President

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www.chicagowoodturners.com

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Secretary's Report

Frank Pagura

MINUTES AUGUST 13, 2019

Tonight's Gallery reviewer is Roger Basrak.
The Demo, "Bowl from a Board," is by Al Miotke.

Andy reminded everyone that new CWT postcards are on the back table, along with TOC pamphlets. Pick up some to use them at turning events.

AAW NEWS

A six-month free AAW membership promotion is still in effect for those who have not been members in the past.

Andy commented about the good CWT attendance at the Raleigh Symposium.

Roberto Ferrer was honored in the instant gallery.

Roberto was also a featured artist in the August AAW Journal.

Al Miotke was one of the demonstrators with several sold-out rotations at the symposium.

A request was made for the return of the lanyards that all CWT members proudly wore at the symposium.

CWT 2019 UPCOMING DEMONSTRATOR SCHEDULE

Jacques Vesery, Sept 7-10: form and embellishment hands-on classes are completely booked, with the exception of two spaces for the Sunday class. See Matt in the back if you want to sign up. Rich Piper volunteered to provide water, ice, coffee and donuts for the Saturday all-day demo.

SOFA

Al Miotke reported that SOFA sponsored our woodturning demonstration booth again for this year's event, November 1-3.

Please sign up on the volunteers and demonstrator sheet. Al would like to have a completed schedule by the end of September.

TURN ON CHICAGO

Al announced that a coordination meeting is set for September 19 at CLA.

Everyone intending to help should attend, which will help make a smooth transition to the new venue, Pheasant Run. July 23-26, 2020 will be here before you know it!

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The six featured demonstrators are all set: David Ellsworth, Michael Hosaluk, Cynthia Gibson, Chris Ramsey, Avelino Samuel, and Eric Lofstrom. The committee will be scheduling local demonstrators to supplement this fine group.

EDUCATION COMMITTEE REPORT

Rich Hall-Reppen announced that the next meeting is scheduled for August 28 here at CLA, and everyone is welcome.

UPCOMING EVENTS.

Ohio Valley Symposium, October 18-20.

Bull Valley Hardwoods, Stuart Batty, August 19-23

Beads of Courage vessels are being collected; check that your work is as required. See Andy if you need beads and details.

Pen for Troops is ongoing. See pens in tonight's gallery. Don McCloskey is not here tonight. He's at home mending after some medical work. He will be at the next meeting and will remind you about turning bowls and other items for Empty Bowls.

MEMBER NEWS

Membership cards are now available; see Brenda.

As of July the Club is on track to meet the proposed budget and may even do better.

Women in Turning Exchange is scheduled for September 5-7 at Arrowmont. Grants are available for first time attendees.

Louis Skydell is organizing a tool sale for the November Meeting, so look for an email.

Marcia Jundanian, our new librarian, needs a small library cart; see her if you can help.

AUGUST 10 MINUTES on SAFETY

How to keep our most valuable turning tool, YOUR HANDS, safe and healthy.

Hand-out distributed.

MEMBERSHIP

Stan Herman reported that to date we are 151 members, and 63 are in attendance tonight.

See Membership Report by Stan and Brenda in this newsletter for details.

RAFFLE

A nice bowl and tools were among tonight's prizes. See details in Sol Anfuso's Raffle Report.

GALLERY REVIEW by Roger Basrak

Read Jason's gallery review report in newsletter for details.

DEMO

Bowl from a Board by Al Miotke. Read all about it in DEMO REPORT by Paul Rosen

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Membership

Brenda Miotke & Stan Herman

Membership report for August 7, 2019

Currently 151 paid members

Present at August meeting 63

Guests

Bruce Anderson - Rolling Meadows - previous member

Darin Schneider - Chicago

Winners of drawing

- for a \$10 Craft Supply Certificate: Bob Gordon, Andy Kuby, Peter Paul, Gary Klein, Mark Dryer, Rich Piper, Bob Leonard, Marty Knapp, Bruce Anderson, and Jim Kilmer.
- for an Easy Level: David Warren.

If you have paid your membership dues for 2019 and have not received a membership card yet, contact Brenda Miotke either by email (abMiotke@comcast.net) or at the next meeting.

Although you can join (or pay dues) at any time, dues for Chicago Woodturners cover the calendar year. You may pay dues with cash or a check at any meeting: \$30 for an individual membership or \$40 for a family membership made out to Chicago Woodturners. Thanks! We look forward to seeing you at the next meeting.

Raffle Winners

Sol Aufuso

Walnut wood	Jim Kilmer	Pen blanks	Unclaimed
Cherry burl	Frank Magnifico	Point Tool	Mark McCleary
Box Elder wood	Jim Kilmer		Collected \$82

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Demonstration Report

Paul Rosen

Bowl from a Board



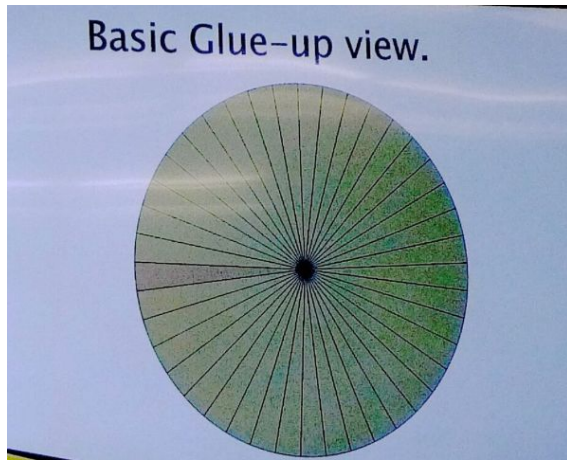
Our demonstrator for August was the immediate past president of CWT, Al Miotke. The concept of making a bowl from a single board has been around for quite some time. As Al noted, you can see many videos on Youtube that address the technique. The advantage is that it requires relatively little wood to complete. The disadvantage is that it is much more labor intensive than say, turning a bowl from a bowl blank. And, the resulting form usually looks like the letter “V” in profile, which may or may not be to your liking. The result is similar to what you get from a Ringmaster.

In its simplest form, the bowl from a board starts with a wide, flat board, perhaps 10-inches square, and 3/4 to 1-inch in thickness. Al used red oak. You locate the exact center, and then draw a series of equally spaced concentric rings, 5/8- to 3/4-inch wide, with a compass. Usually, you get about seven rings. Then you rip the board (parallel to the grain) precisely in half on a tablesaw, and take both pieces to your bandsaw. For the “no math” version, you set your bandsaw table to 45-degrees, and then carefully mill a series of half-rings by cutting precisely on the scribed lines. Al recommends using a 1/4-inch bandsaw blade, with 6-teeth/inch. (A 4-tpi blade would be way too fine a cut for this application. Also, you will be turning away the band-sawn surface when you mount and turn the glue-up on your lathe. Author’s message: fewer teeth are better here.) Assemble equal-sized half-rings together with glue and a pair of rubber bands, and let dry for 24 hours. Next, select a flat piece of plywood and place a strip of double-sided tape down its center. Attach each ring with the two glue lines lying on the double-sided tape, and run the assembly through a drum sander. (If you don’t have



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a drum sander, you could use a thickness planer.) The objective here is to make the surface of each ring perfectly flat. Next, start with a 3-inch diameter disk of hardwood and



assemble the rings sequentially, starting with the smallest diameter ring, glued to the 3-inch base. Place a heavy weight over the base/ring assembly to assure a tight bond between the two; a landscaping brick or a used automotive brake rotor could be used here. Let the glue dry for 20 to 30 minutes, and then glue the next larger ring to the first ring. Place the brick on this assembly and wait 20 to 30 minutes. And repeat, until all seven rings have been glued into place.

After the glue-up has cured for 24 hours, turn a glue block compatible with the threads on your lathe headstock. Then attach the glue block to the bottom of the turning, wait another 24 hours, and mount the turning on your lathe. Trim both the inside and outside with your bowl gouge to a final thickness of about 1/8-inch, sand through the grits to 400, and then apply a finish. Al likes to use spar varnish.



Variations on the Theme

To add visual flare to your creation, there are at least two variations to pursue. One is to create a laminated board by alternating strips of dark and lighter hardwoods, such as walnut, hard maple, and/or cherry. For example, you could rip some 1-inch pieces of walnut, 2-inch pieces of hard maple, and 2.5-inch pieces of cherry. The widths are arbitrary, but the goal is to create a butcher

block-style laminate, which you can then run through your drum sander or thickness planer. The glue-up should be 10- to 12-inches wide and symmetrical on either side of the center strip. Draw your concentric circles around the center point of the laminate, and rip it precisely in half. Then proceed to make half-circle cuts on each of the two pieces.

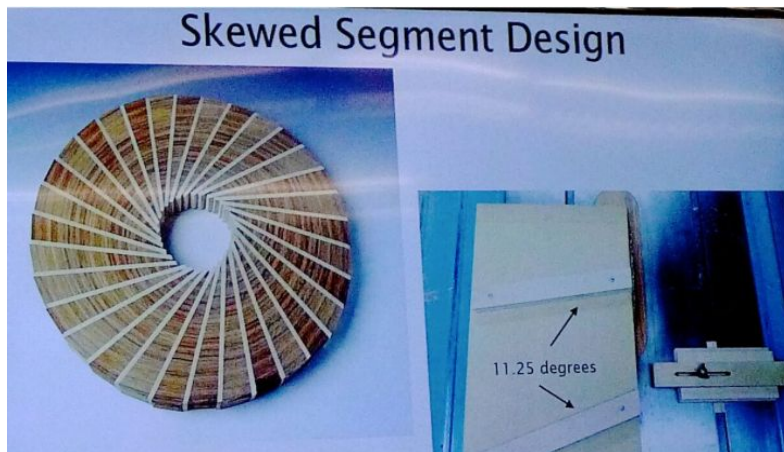
You can create an even more complicated glue-up by starting with a 3/4- or 1-inch thick laminate. After the glue has dried and the piece can be run through the drum sander, you bring it to the bandsaw. This part is tricky. You set up a tall fence on your bandsaw and tilt the table just slightly, so the blade cut will enter the top of the laminate at the inner edge (nearest the fence), and exit at the outer edge of the laminate (furthest from the fence). Use a sharp blade and a slow feed-rate. Viewed on end, the desired result should be a pair of

90-degree triangles with a very narrow base and a long hypotenuse. Next, make a plywood sled at a slight angle, matching the angle on the triangular pieces of laminate. (You do this so you can run the triangular pieces of laminate through your drum sander.) Next, take a piece of 3/4-inch walnut and rip it, using the same angle on the bandsaw that you used on the laminate. You should end up with a pair of walnut pieces, triangular in shape, and identical in profile to the laminated pieces. Run the two pieces of walnut, mounted on the sled, through your drum sander, so you can smooth the band-sawn edge. Next, glue the triangular slabs of walnut to the triangular pieces of laminate, and wait for the glue-up to dry.



Modify the Ring Cutting Angles

Instead of setting the bandsaw table permanently at 45-degrees to cut your rings, you can create a more complicated ring geometry. To do this, you'll probably want to draw this out with a protractor on a piece of paper. And you're going to need an adjustable, Wixie digital T-square to set the angle of your bandsaw table in relation to the vertically positioned blade. On the paper, draw a pair of horizontal lines parallel to each other and say, 1-inch



apart. The horizontal lines represent the thickness of your board. Adjust your drawing to match the thickness of your board. Starting with a vertical line on the right (representing the center of your board), mark a point 1.5-inches to the left on the lower line, and draw a straight line at a 38-degree angle, pointing to the left. At the point where this diagonal line intersects the upper horizontal line, draw a vertical line, perpendicular to the two horizontal lines. Starting at the point where the perpendicular line intersects the lower horizontal line, use your protractor to draw a diagonal line at a 40-degree angle, pointing to the left. Where this line intersects the upper horizontal line, draw another vertical line perpendicular to the two horizontal lines. Repeat this process by increasing the angles consecutively to 42-, 44-, and 46-degrees. (Al's bandsaw table can tilt to a maximum of 46-degrees; you might want to

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check this on your bandsaw before you start this process.) The reason for pursuing this convoluted exercise is to define the angles at which you will set your bandsaw table for cutting consecutive rings. The objective is to produce rings that are wider as the bandsaw table tilt increases. The distance between consecutive perpendicular lines will define the width of each ring. As the numerical value for a given angle increases, so will the thickness of the ring. Why do this? Aesthetics! You want the edge of the bowl to flare outward as your eye looks at its profile, from the bottom to the rim. In other words, it's not a straight "V," but a curved "V."



To augment his verbal presentation, Al showed us a home-made video on the various steps he uses to create his bowls from a board. I won't try to replicate all the information from his video, but I can tell you it was nothing short of professional. He could be marketing this on the Internet, except when you go to Youtube, you will find there are at least a dozen

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existing videos on how to make a bowl from a board. Al's effort could easily eclipse some of the existing online videos.



Al generously cited other turners whose articles or videos are highly recommended. For example, Michael Schuler published an article the May 1989 issue of *Fine Woodworking* entitled, "Thirty Years of Bowl from a Board Designs." He turns his bowls really thin (like 1/16-inch) and has sold them for multiple thousands of dollars. For added effect, he actually dyes his Tightbond glue with a red pigment. Malcolm Tibbits, the noted segmented turner and author, published a relevant article in the May 2006 issue of *Woodturning Design*. Hal Metlitzky is noted for his "dizzy bowls," aka vortex bowls. These are laminated bowls from a board, where the ring thickness is extremely thin--somewhere between 1/8-inch and 1/16-inch. This means that instead of having seven rings, his dizzy bowls may have 49 rings! In making the glue-up, each consecutive ring is rotated slightly. This creates a "swirling" effect as you view the completed bowl. And Tom Lohman is an engineer from Duluth, MN whose Youtube videos add new layers of complexity to his bowls from a board. His 2015 Youtube video, "Twister III," shows how he creates a laminate of about 60 thin boards, 2.9-inches wide and 12-plus inches long. He squares off

the ends of the laminate and then runs it through his drum sander. Then he cuts thin (1/16-inch) slices of the laminate on his bandsaw, drum-sands the slices, and then cuts multiple rings and glues them up slightly rotated, to create his dizzy bowls.

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Gallery

Jason Clark

Al Miotke and Andy Kuby have more than a few things in common. They've both run CWT, and they both recently took a class with Max Brosi. They also both brought the pieces from the class to the August meeting. Andy added a second smaller piece with a bit more texture than the larger one. Al decided to embellish his with his signature faux tree bark. Both once again their work proves why it's invaluable to attend demos and take classes when CWT brings in professional woodturners.



CWT News

Chicago Woodturners 2019 Demonstrators

Jacques Vesery, September 7-10, www.jacquesvesery.com

Jacques Vesery is an Artist/Sculptor from Damariscotta and has lived in Maine for 20 years. Striving to create an illusion of reality, his vision and inspiration begin with repetitive

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patterns derived from the “golden mean” or “divine proportions”. The marriage of pattern, form and proportion conveys a sense of growth from within each piece.



His work is in numerous public and private collections including the Detroit Institute of Art, the Contemporary Art Museum of Honolulu, Yale University Art Gallery and The Carnegie Museum. He is a Maine Arts Commission Fellow for 2000 and winner of Sculptural Pursuit Third Annual Sculpture Competition in 2006.

Jacques has lectured on design and concepts within his work in France, Italy, England, Canada, New Zealand, Australia and 28 U.S. states.

Calendar of Events 2019-20

September 7 - Featured Demonstrator, Jacques Vesery, all-day demo

September 8 and 9-10 - Featured Demonstrator, Jacques Vesery, hands-on classes

September 20-22 - Turning Southern Style Symposium, Dalton, GA

October 17-20 - OVWG Turning 2019 Symposium, West Harrison, IN

November 1-3 - SOFA Chicago, Navy Pier, CWT hosts woodturning demonstration area

December 7 - Empty Bowls Event, CWT participates in Oakton Community College Ceramic Department's fundraising event

January 1, 2020 - Turn On! Chicago 2020 registration opens

June 4-7, 2020 - AAW 34th Annual International Symposium, Louisville, KY

July 23-25, 2020 - Turn On! Chicago 2020 - Pheasant Run, St.Charles, IL (New Location)

Submitted by Marie Anderson

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For Sale, Trade, or Wanted

Magnetic Lathe Lights. A limited number of Magnetic Lathe Lights, similar to the ones on all of the Chicago Woodturners demonstration lathes, are available for \$40 each. Contact Andrew Kuby, 847-922-8201 or riverwoodsturner@gmail.com

Chicago Woodturners Board of Directors and Committee Chairs 2019			
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About Us

Membership in the Chicago Woodturners Association is open to all wishing to increase their turning skills through education, discussion and critique. Dues are \$30 for a single membership and \$40 for a family. Visit our website for an application.

Meetings are held on the 2nd Tuesday of each month, 7:00-10:00 PM at Christian Liberty Academy, 502 W. Euclid Ave., Arlington Heights, IL. Please join us. All are welcome.

Chicago Woodturners is a chapter of the American Association of Woodturners. Visit the [website](#) for more information.