



As the Wood Turns

The newsletter of the Chicago Woodturners, 30 years of craft, technology and tradition

<https://www.chicagowoodturners.com/>

November 2021

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President's Curls

November, 2021

It's election time again. This year the Vice President and Treasurer are up for consideration. Rich Hall-Reppen has been nominated as Vice President and Mike Canfield has been nominated for treasurer. Both are well qualified for the positions. Additional nominations from the floor will be accepted prior to the voting at our November meeting. Remember, this is a volunteer organization - if you don't participate things don't get done!



Signs point to a recovery from the isolation we all suffered during the pandemic. I'm glad we get to meet again in person, even though we have to wear masks. Having to meet remotely forced us to rethink the ways we interact and we have been trying to integrate these lessons into our in-person meetings. The first attempts have had a number of glitches and I appreciate your patience. I think we are getting a handle on it and hope we improve rapidly. I never realized how much "stuff" was required to produce the video presentations at our meetings until we started live streaming and participation. My kids understand and expect this but I'm just getting on-board.

Rich Nye will be doing the demonstration and Dave Bertaud will review the gallery.

Be sharp, be safe and wash your hands.

Andy, still at a safe distance.....

AAW and other News

Annual Symposium

An in-person AAW 36th Annual International Symposium has been scheduled for June 23-26, 2022, in Chattanooga, TN. This large, action-packed experience marks the celebrated comeback of AAW's Symposium after a two-year virus-related hiatus. There will be plenty of demonstrations and panel discussions, a trade show with exhibitor booths, inspiring exhibitions and Instant Gallery, auctions of turned art, charitable initiatives, networking opportunities, and more. Mark your calendars!

AAW IRD Calendar.

Bowl within a Bowl, November 6, 2021, with Tod Raines. \$12

Christmas Ornaments, November 10, 2021. With Lyle Jamieson \$12.95

Christmas Ornaments with a Skew, November 13, 2021 with Kade Bolger \$10

AAW Virtual Events

Woodturning Fundamentals, Live, November 6 & 7, 2021

WIT Presents

Panel Discussion, Kailee Bosch, Rebecca DeGroot, and Marjin Wall, Hayley Smith November 13, 2021

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Record Power Live Woodturning Demonstrations from Australia and England

A series of free 'Interactive Remote Demonstrations' (IRD's). To be put on their mailing list for upcoming demonstrations, send an email with RSVP in the subject line to miked@recordpower.co.uk Your log-in details will be sent in return.

Pat Carroll's Meet the Woodturner

A free series of discussions with woodturners from all over the world. Anyone who wishes to join should email Pat at meetthewoodturner@gmail.com and you will be put on the mailing list for future events.

Secretary's Report

Our Secretary was out of town and had trouble with his internet connection so he was unable to submit a report for last month's meeting. Our back up is the recording of the meeting which is available here:

https://drive.google.com/file/d/15HbnlkpnhC04ovW_ZTTtRWfonHQ3pW9R/view?usp=sharing

Membership

Brenda Miotke & Stan Herman

About 32 in-person members and an unknown number of internet members attended our last meeting. We had three guests, Joe Olson, Zhi Lu and Sidney Link. Phil Moy, a guest last month, joined the club.

If you have paid your membership dues for 2021, have not received a membership card yet, and want one, contact Brenda Miotke by email bkmiotke@comcast.net or snail mail:

Brenda Miotke
920 North Sumac Lane
Mount Prospect, Illinois 60056

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: \$30 for an individual membership or \$40 for a family membership made out to Chicago Woodturners. Single membership for anyone under the age of 25 is \$10 per year. Our new treasurer is working on a program to allow for credit or debit card payments.

Raffle

No information was available regarding the proceeds from the raffle.

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Demonstration Report

Rose Engine Demonstration

Paul Rosen



Our demonstrator for October, 2021, was former CWT president and current webmaster, Dr. Scott Barrett. Scott is a very talented guy. He played college football; he is an expert on Macintosh computers; he makes his living as a dentist, and now, he has become an expert at using the Rose Engine lathe. The current Rose Engine is a modern-day descendant of the ornamental lathes that had their roots in the early 1500s through the Victorian age. Monarchs including Peter the Great, Louis XVI, and Queen Victoria learned to use ornamental lathes as a way of building national prestige and showing their sophistication. For over 200 years, these intricate machines were models of precision, with complex gears, polished brass rosettes and accurately-

threaded lead screws. They introduced the ability to create lidded boxes in ivory or hardwoods, as well as brass and enameled silver pendants and earrings of incredible beauty. A French priest, Charles Plumier (1646-1704), was the first to codify the art of ornamental turning in his book, *The Art of the Turner*, published in 1701, in both Latin and French. The author was also a woodturner, a botanist, a gifted botanical illustrator, and an accomplished engraver. His book, sponsored by Louis XIV of France, was the ultimate source of information for the would-be ornamental turner. The book was so popular that Peter the Great, who himself is said to have owned up to 50 ornamental lathes, had it translated into Dutch and Russian. Carl Faberge used the ornamental lathe to decorate imperial eggs, small brooches, and enameled metal pendants of incomparable beauty, and when an Alsatian immigrant by the name of John Holtzapffel moved to London, he introduced commercially-available ornamental lathes. They weren't cheap. It is said that they sold for the equivalent of 15 months salary of a working man, so his output tended to be limited to the very wealthy or the aristocracy. Over the 130-year history of his company, Holtzapffel produced 2557 lathe. (Yes, they were numbered.) And of these, only 20 were Rose Engines. The finest of the 20, No. 1636, is on display at the Plumier Foundation in Port Chester, New York (www.plumier.org).

Rose Engine Anatomy

The basis of the machine is a rocking headstock with a series of "rosettes," which are metal disks about 1/8-inch wide and 8 inches in diameter that contain repeated symmetrical hills and valleys at their circumference. A "rubber" or "touch" follows these undulations precisely as the shaft of the lathe slowly turns the rosettes to produce the rocking motion. The workpiece, usually a cylinder, is held precisely in a chuck mounted on the same shaft as the rosettes. A "cutting frame" or "cross slide" is a small table, perhaps 10-inches square, that can be moved in the x, y, and z axis while holding a carbide cutting tool that interfaces with the rocking cylinder. An attachment to the cutting frame is a "drilling frame," with a shaft that can be positioned parallel or perpendicular to the workpiece. When parallel to the workpiece, the drilling frame can hold a captured bit in a "fly cutter," that is spun very rapidly by an electric motor connected to the drilling shaft by a flexible belt. (Think of the early dental drills you might have seen as a childhood patient.) An assortment of carbide bits for the fly cutter can produce beads or coves of various

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sizes, very precisely. With the drilling frame held perpendicular to the workpiece, a different set of carbide cutters can produce “pearls” (little raised dots) on the side of the workpiece, located precisely around its circumference at intervals of the operator’s choosing.

Scott’s Rose Engine had a pair of dial indicators which provided the ability to adjust the depth of cut to thousandths of an inch. The precision of these machines, in the hands of an experienced user, is incredible.

Brass Pen Blank

Scott’s first workpiece was a brass cylinder mounted on the shaft of the Rose Engine. He showed us how he had to zero out the drilling frame (perpendicular to the shaft of the brass blank) using the dial indicators and a light tap from a rubber tipped hammer. Moving the cutting frame laterally along the side of the workpiece was necessary to make certain that the cutter would always be at a constant distance from the brass shaft of the pen blank. Scott showed us boxed cases of carbide-tipped cutters that can be installed at the tip of the drilling frame. The very sharp cutters, rotating at a high speed, are used to engrave a pattern on the slowly turning shaft of the brass pen blank’ Scott was using a 0.020-inch depth of cut, so it would show up on the demo camera. But on a typical pen blank, his cuts would be on the order of 0.012- to 0.015-inch. Completing a typical brass or wooden pen blank would typically take 35 minutes. If interested, you can see a 38-minute video that Scott has posted on the website of the Midwest Pen Turners (www.midwestpenturnersgathering.com).

Ornamental turning requires both intense concentration and lots of repetition. For example, you make a cut; you back out the cutter; you move the cutting frame horizontally at a precise distance; you move the cutter in a precise distance, and repeat. You listen to the sound. When the cutter has gone around the circumference of the workpiece, the cutting sound stops. That’s your cue to retract the cutter, move

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laterally, and re-position the cutter. You can't stop and go back. Once you start, you must continue all the way to completion.

Baby Rattle

Mopani is a tropical African ironwood that Scott likes to use on his Rose Engine because it holds patterns well. The wood is extremely hard and dry, with a 6% moisture content. He inserted a mopani cylinder, perhaps 1-1/4-inches in diameter by 6-inches in length (guess) into a chuck mounted on the shaft of the Rose Engine. Scott first disengaged the rosettes so the workpiece would spin like a conventional lathe, without any rocking. He mounted a cutter in the drilling frame that would make a bead around the circumference of the workpiece. The cutter was spun very fast, while the workpiece turned very slowly. The result was a very smooth bead of constant depth around the surface of the cylinder. If he had pushed the cutter in further, he could have made a perfect ball shape.

Next, Scott switched out the cutter to use a second cutter in the drilling frame that would engrave a "pearl" or raised dot shape, with a small border around it. To do the cut, he first had to re-position the rubber on the rosette with 18 hills and valleys because the Rose Engine would be turned manually. With the lathe off, Scott had to zero out the cutter head with the cylinder, using the dial indicators. That set the depth of penetration in/out, and made his first pearl. Then he withdrew the cutterhead, rotated the shaft through three valleys. Why three? Because 18 divided by 3 equals 6, and Scott wanted only 6 pearls around the circumference of the mopani, so Scott had to position the cutterhead in, then out, then rotate the workpiece through 3 valleys, and do the second pearl. Scott was right: there is a lot of repetition using the Rose Engine. After completing the sixth pearl, Scott showed us a lovely walnut-colored box he had made, decorated with an estimated 60 pearls, applied in a spiral pattern on the outside of the box.



Rich Piper raised a question about how Scott sharpens the carbide insert tooling used on his Rose Engine. Scott showed us his Accufinish tool, which uses a series of graded diamond disks to sharpen the carbide, followed at the end by a ceramic disk with a diamond spray. The result is a very fine finish, on the order of 12,000 or 14,000 grit, which makes the carbide tools exquisitely sharp.

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Beading Tool in Fly Cutter

Next, Scott changed the orientation of the drilling frame from perpendicular to the mopani blank, to parallel with the blank. The tip of the drilling frame was used to capture a small carbide beading tool, which rotated rapidly like an airplane propeller at the tip of the drilling frame. Once again, the tip of the beading tool had to be zeroed out in relation to the side of the mopani blank, using the x, y, z-axis and the dial indicators. The process was to rotate the mopani as in a conventional lathe while moving the spinning cutter precisely

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into the workpiece, and leaving it there until the mopani made one complete revolution. Then the drilling frame was moved slightly away from the workpiece, moved a finite distance parallel to the workpiece, and then back into the mopani to make a second bead, perfectly positioned next to the first.

Spiral Basket Weave

With thanks to the departing videographer, Xavier Bertaud (Dave's son on loan for the demo), Scott soldiered on to show us how to make the spiral, basket-weave pattern on the outside of the mopani. The carbide basket-weave cutter is 0.180-inch wide with a flat tip. Scott used an 18-count rosette with the headstock in rocking mode. With the drilling frame parallel to the mopani cylinder, Scott adjusted the depth of cutter penetration so the rocking motion was minimal. Then he used a special adjustment on the headstock to alter the phase of the revolving shaft, which had the net effect of changing where the cutter entered and exited the rocking shaft. This was repeated two more times, which produced the spiral basket-weave pattern on the mopani.

Grand Finale: Barley Corn



Scott's antepenultimate demo was to show us the "pumping action" of which the Rose Engine is capable. This was used to produce a special flat pattern on the end of the workpiece. Scott installed a large, eccentric cutting frame into the drilling frame. He used the side of a rosette with 18 hills/valleys, set the phase to 18, and turned on the lathe. The reciprocating action very quickly produced a unique pattern of spiral indentations in a plane at the tip of the mopani. It happened relatively fast, and it was really cool, as evidenced by the "oohs" and "aahs" from the meeting attendees.

Guilloche (cutting of metal)

With time nearly running out, Scott was about to show us Guilloche. This is a semi-automated form of engraving, usually on a 6 mm thick disk of silver or brass, at which the Rose Engine excels. It is most commonly used to make high-end, enamel-colored jewelry, such as pendants or earrings. But it is also used to make high-end watch faces of jaw-dropping beauty, as well as acquisition prices. Granted, one could use a CNC machine to make these patterns, but in the mind of a dedicated guillocher, such items "have no soul."

Scott promised to do a Guilloche project, film it, and post it on the website. YouTube also has some excellent videos which I have watched and highly recommend. The finished products are exquisitely lovely.

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Gallery



The Gallery is available on the Chicago Woodturners website, <https://www.chicagowoodturners.com> where galleries from past meetings are also available.

Now that we are again meeting in person, bring your gallery submission to the meeting. Let's hope we can keep doing it this way for a while.

This month's featured selection is Phil Moy's closed end pen. Phil is a new member, and we look forward to much more from him

Turn-On! Chicago



As we prepare for the new year, we are actively preparing for our 2022 symposium, Turn-On! Chicago.. The first one in 4 years due to Covid which forced us to cancel our 2020 event. After holding 6 very successful symposiums at the University of St. Mary of the Lake, we will now be holding the event at a new location, the Crowne Plaza, Northbrook from July29-31, 2022. It's a nice facility with all the room we need. In 2022 we will be hosting 6 internationally known demonstrators, including Jacque Vesery, Beth Ireland, Cynthia Carden, Eric Lofstrom, Avelino Samuel, and Andy Cole. We will also see excellent demonstrations from some very talented regional artists including Keith Lackner, Roberto Ferrer, Marie Anderson, Clint Stevens, Rob Wallace, and more to be announced.

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Starting in January 2022, I will provide details about the event each month at our monthly meeting and in the newsletter. It is going to be another excellent and educational event with something for everyone from beginner to experienced turners, an opportunity to learn new techniques from some of the best turners and educators in the U.S.



Event details are available thru our club website www.chicagowoodturners.org or www.turnonchicago.com. Registration will open in January 2022.

CWT News

The Chicago Woodturners is an all-volunteer organization. In order to keep everything moving, we need volunteers at all levels. Opportunities are open for you to get involved: the newsletter needs an editor, the Holiday Party and Picnic need a coordinator, Odyssey, Artsapolozza and our student outreach programs need a champion, Turn-On! Chicago needs committee members. Get involved - many hands make light work.

Meet the Woodturner, Laura Rodriguez



Each month, the Newsletter will include a short interview to introduce one of our members. Please reach out to whoever Brenda interviews to let them know you're glad they're in the club and follow up with any questions you might have about something Brenda missed. This month Brenda interviewed Laura Rodriguez.

Laura joined the Chicago Woodturners in January 2017. She has been interested in woodworking for many years taking lessons through the Chicago Park District Palatine High School Adult Extension and The Chicago School of Woodworking. Bob Jungmann, the instructor at Palatine High School, was the first turner to tell Laura about the Chicago Woodturners. Laura's classes with Clint Stevens and Andy Kuby encouraged her to get move active in CWT.

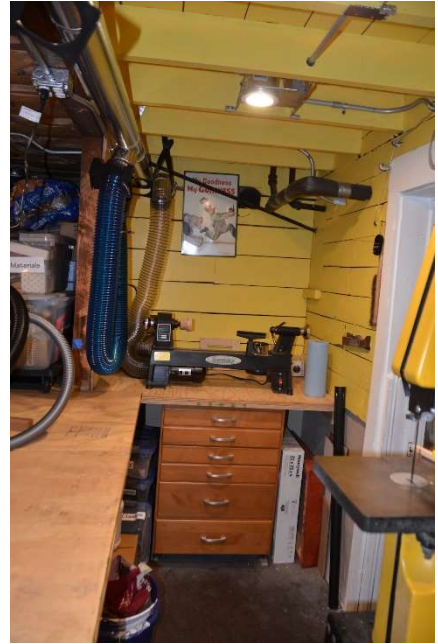
Laura has turned a variety of projects in classes but is currently working on her bowl-turning skills. She enjoyed making an ornament with a finial, but her ultimate goal is to become a segmenter. Her shop is beginning to feel like a

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“turners shop”. It is what some people might call “cozy”. It is located in her 100+ year old home in what used to be the coal bin. She has an Excelsior mini lathe, a Delta band saw (circa 1974) from her Dad and a recent purchase of a grinder. She will soon be in the market for a tabletop planer and sliding miter saw.

She has yet to attend any symposium but is looking forward to volunteering for Turn On! Chicago in 2022.

Laura is a retired nurse. She has worked in a number of hospitals (her favorite department being labor and delivery) but her final career was in research and development in a pharmaceutical company. She is an accomplished photographer having her street art in several gallery showings. She is an active member of the Wilmette Arts Guild.



Laura and her husband, Bob, love to travel. She has been to about 68 countries and six continents. A trip to Australia (hopefully in the not-to-distance future) will finish off the list.

Fun fact: When Laura came to the club for her first meeting, she was at the membership table paying her dues and when she said her name, Marie Anderson, who was near by, asked“ are you Laura Rodriguez – we went to high school together”. It was meant to be! I did not go to high school with Laura, but it was such a pleasure for me to have a conversation with her and to Meet The Turner.

From the Safety Officer, Frank Pagura

Our safety Officer was absent in October.

Chicago Woodturners Mentoring Program

For many years, the Chicago Woodturners have promoted mentoring to assist our members in learning both the basic and specialized skills needed in woodturning. Our current mentor list is posted on the website. Although this is a CWT-sponsored activity, these sessions will be organized between the student and mentor. If you would like to have your name added as a mentor, contact Al Miotke at abmiotke@comcast.net. Mentoring and classes are also available through the Chicago School of Woodworking; see their website. We have new mentors, so check the list.

Mentoring is covered by the club’s insurance policy but there are some requirements:

1. Both you and the person being mentored must be members of the Chicago Woodturners
2. You must notify the club by email before that you will be doing the mentoring
3. A release form should be completed, samples are on the website.

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Beads of Courage

Members interested in donating boxes should contact Al Miotke or Andy Kuby.

Empty Bowls

Donations for Empty Bowls are coordinated through Marie Anderson or John Dilllon.

Pens for Troops



To arrange for delivery or pick-up of your donated pens, please contact Andy Kuby at studio@riverwoodsturner.com or 847-922-8201. Please note that Chicago Woodturners has changed our policy on providing pen kits and these will now have to be provided by each individual pen turner. In the future we may get grants to provide kits.

Pens for Troops will need a member to coordinate this effort.

Veterans Day Turning Event at Rockler, Schaumburg

We finally received information about the Veterans Day Turning Event November 6 and 7, 2021, that I spoke to you about here in the store. This will be setup the same as we have done in the past where we will have the blanks drilled, glued and milled ready to be turned. Please let me know if this is something some of the members from the Chicago Woodturners can assist us with and if it will be possible to have people here on both Saturday and Sunday. Thanks, **Tony Lira – Store Manager, Rockler Woodworking & Hardware**, 253 W. Golf Road, Schaumburg, IL 60195, 847-310-0447, Store10@rockler.com A Flyer is attached.

VetsTurn, A post from James Carter of the Alamo Woodturners Association

I am posting this to get the word out and to help a really good program for combat veterans suffering from PTSD. VetsTurn launched in 2019 by Paul Mayer of ToolMetrix YouTube channel who got with some companies to give chosen recipients a really nice wood turning starter set, with the hope that the turning process would help these veterans dealing with their PTSD. I am asking that guilds get the word out to veteran groups in your area to check out the program. It was just announced and all entries need to be in by November 5th so that the winners can be announced on Veterans Day November 11th. Here is a link to the YouTube post that goes over the requirement: VetsTurn 2021: Looking for SIX NEW US VETERAN MEMBERS. I hope that the wood turning community can help to make this a great program to help those who gave so much for our country. James Carter VP Alamo Woodturners Association

Education Committee

Please contact Rich Hall-Reppen if you have items you would like the committee to consider, or if you want to join the Education Committee or be put on the email list to receive notifications of future meetings. This is a very important committee – volunteer! The next meeting has not been scheduled. Please note that the Chairman of the Education Committee has been nominated for Vice President so we may need a new chair.

STEM Program for Scouts

Rich Hall-Reppen has advised the club that the Chicago Woodturners will not be participating in this year's STEM program.

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Holiday Party

Hard to believe that the holidays will soon be upon us. Chicago Woodturners is excited that we will be able to have a Holiday Party live again! The date will be on Tuesday, December 14th at the Golf Center in Des Plaines. The cost has remained the same - \$20 per person. You can give that to Brenda at the October or November meetings, or you can mail it to:

Brenda Miotke
920 Sumac Lane
Mt. Prospect, IL 60056



We will have some surprises, but the main event remains the same – if you bring a wrapped gift (\$25.00) you will go home with a gift. If you have any questions, please let Brenda know. A flyer is attached

Professional Demos for 2021

The first Virtual Professional Demonstration for 2021 was Nick Agar on March 13. No new Professional Demonstrations have been scheduled. Contact Rich Nye, or any Board member, with suggestions.

Calendar for 2021

- September 14, 2021 – CWT Meeting, CLA
- October 12, 2021 – CWT Meeting, CLA
- November 9, 2021 – CWT Meeting, CLA
- December 14, 2021 – CWT Holiday Party

For Sale, Trade, or Wanted

Pen Turning Opportunity

The Max McGraw Wildlife Foundation in Dundee, IL, is looking for someone who would be able to make wooden ballpoint pens for our facility using salvaged wood from our property. The wood is dried and ready to be used. The pens would need to have our logo engraved on them also. A document with the logo specifications is available.

While we can buy premade wooden pens, we wanted to use material from our property to make them more personal to our members. We would be looking at ordering at least 1,000 pens if it is economically feasible for us.

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Your group was recommended to me by someone at DuPage Woodworkers and thought one of your members might be interested in this project. Feel free to pass this on to anyone that this pertains to or let me know who you would recommend me contacting. Thank you for any information you can provide.

Colleen Goldberg
Max McGraw Wildlife Foundation
PO Box 9
Dundee, IL 60118
847-741-8000

Mahoney's Walnut Oil

Through the magic of bulk purchasing, Walnut Oil, Mike Mahoney's Utility Finish, is once again available to club members in 16-ounce bottles for \$12 each. Please email Andy Kuby at studio@riverwoodsturner.com or call 847-922-8201 to arrange for a pick-up.

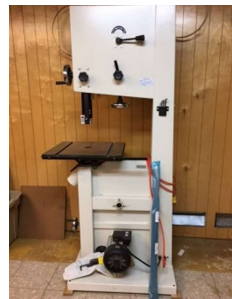
Tool Sales

Herb Hedeon, a former Chicago Woodturners member, is selling everything in his shop. A list of the items available has been sent to all club members and is posted on the website. Please contact Herb directly if you are interested in any of the items. Herbert Hedeon herbyhh@sbcglobal.net or telephone 773-718-8788



Dave Bertaud is selling a Harbor Freight 2 HP Dust Collector with pleated filter for \$175. dtbwoodworks@gmail.com

Richard Ernst has three larger woodworking tools for sale in Hawthorne Woods. The first one is an



Elephant 8" joiner model WJ200 asking \$700.00. The second is a Jet woodworking cabinet saw Model JCS10 stock 708674 asking \$1100.00. The third is a Rikon 18" Bandsaw model 10-340 asking \$300.00. Must be picked up and will need some



disassembly to remove the items. Cash or certified check only. Items are located in Hawthorne Woods, Lake Zurich IL. Please contact Richard Ernst at (402) 334-5949, richardeernst@gmail.com.

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Chicago Woodturners Board of Directors and Committee Chairs 2021

Chicago Woodturners Board of Directors and Committee Chairs 2021			
President	Andy Kuby	847-922-8201	studio@riverwoodsturner.com
Vice President	Dave Bertaud	847-878-1285	dtbwoodworks@gmail.com
Secretary & Safety	Frank Pagura	847-524-0231	Fpagura.sr@att.net
Treasurer	Michael Canfield	312-656-4877	mike.canfield@cavcommcorp.com
Past President	Al Miotke	847-297-4877	abmiotke@comcast.net
Newsletter Editor	Andy Kuby, pro tempore	847-922-8201	studio@riverwoodsturner.com
Gallery Reviewers and Meeting Demonstrator Coordinator	Dave Bertaud	847-878-1285	dtbwoodworks@gmail.com
Membership	Brenda Miotke Stan Herman	847-682-1176 847-303-0930	bkmiotke@comcast.net stan21@aol.com
Librarian	Marcia Jundanian	708-352-5974	marcia@jundanian.com
Webmaster	Scott Barrett	847-420-5155	dr@bdental.net
Raffle	Sol Anfuso	847-963-1994	solanfuso@comcast.net
Tools & Equipment	Don McCloskey	847-420-6978	mccloskey@ameritech.net
Audio-Video Co-Chair	Jerry Kuffel	847-895-1614	tokuffe@gmail.com
Audio-Video Co-Chair	Dawn Herndon-Charles	630-588-8431	dcharlesster@gmail.com
Education	Rich Hall-Reppen	630-232-8525	rhallreppen@yahoo.com
Demonstrations and Hands-on Classes	Rich Nye	630-406-1855	nyewoodturning@earthlink.net
Special Events Manager	Marie Anderson	630-222-0277	Danmar12@yahoo.com
Outreach Coordinator	Roger Basrak	847-471-2046	rbasrak@hotmail.com



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. 60004. Please join us. All are welcome. Chicago Woodturners is a chapter of the American Association of Woodturners. Visit the [website](https://www.chicagowoodturners.com) for more information.

<https://www.chicagowoodturners.com>

<https://www.woodturner.org>

VETERANS DAY TURNING EVENT!

NOVEMBER 6TH & 7TH



In an effort to raise awareness and thank America's Veterans, Rockler Woodworking & Hardware in partnership with the American Association of Woodturners will be holding a special two-day pen turning event. Turn a pen for \$15, all proceeds will be donated to Help Heal Vets and you get to keep the pen or give it to a deserving Veteran.

SIGN UP IN STORE OR ONLINE

SEE OUR SCHEDULE AT

WWW.ROCKLER.COM/CLASSES-WORKSHOPS

Let's Party!



CWT Holiday Party

December 14, 2021

The Golf Center

353 North River Road

Des Plaines, Illinois

I hope you will join us for a fun filled evening with fellow turners and guests. It's the first time we will gather together to celebrate the holidays since 2019. It's a new venue offering excellent food in a private room.

We will have our traditional gift exchange. Bring a gift and you go home with a gift. Recommended value of \$25.

\$20 per person. Payable at the November meeting or by mailing a check by December

1st to : Brenda Miotke

920 N Sumac Lane

Mount Prospect, Il 60056

bkmiotke@comcast.net

Door Prizes

Camaraderie

Laughter

Surprises

