

Woodturners of North Texas



Next Meeting: Thursday, May 27th, 2021
Meeting Start: 6:30 PM

Virtual meeting on the Internet ONLY.
Watch your email for an invitation to attend.

Vases from Laminated Wood by Frank Penta



Past president of the Woodturners Guild of North Carolina, Frank has been involved in woodworking throughout his life, since 1977 he has focused specifically on woodturning. His work integrates function and aesthetics with fine detailing and finishing to enhance the natural beauty of the wood. Frank's one-of-a-kind designs are exhibited in private collections and sold through museums and galleries.

Frank has been a demonstrator at numerous woodturning clubs and regional and national symposia and has conducted workshops in a variety of settings including John C. Campbell Folk School, Arrowmont School of

Arts and Crafts and the Appalachian Center for Crafts.

Frank's professional experience in education is reflected in his teaching ability and the high quality of his woodturning classes, demonstrations, and instructional materials.

His work has been featured in American Woodturner Magazine, and he is coauthor of the book Woodturning Tools, Techniques, and Projects.



The Woodturners of North Texas newsletter is published monthly. Inputs are due to the editor by the tenth of each month for inclusion in that month's newsletter.

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WNT WEB SITE: <http://www.wntx.org/>

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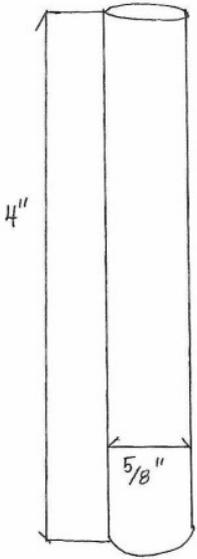
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Small Flower Vase -

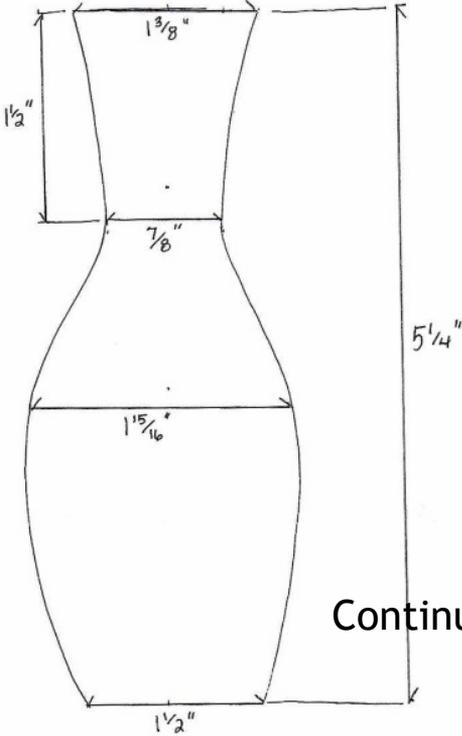
Frank Penta
Chapel Hill Woodturners



PLASTIC TUBE



VASE



Continued on page 12

Calendar of Events

May 27th - Regular Monthly meeting 6:30 PM

Location: **Remote - Zoom meeting**

Demonstrator: Frank Penta

Subject: Vases from Laminated Wood

Meeting Link: <https://us02web.zoom.us/j/83755883516?pwd=UmVCajQ2a1RTckM1RG9CSlVTcmh1QT09>

June 1st - Board of Directors Meeting 6:30 PM

Location: **Remote - Zoom meeting**

Meeting Link: <https://us02web.zoom.us/j/82058917725?pwd=SVlqenMzT1lyV2pOeExBWTVFY2lYdz09>

June 24th - Regular Monthly meeting 6:30 PM

Location: **TBA**

Demonstrator: Neil Brand

Subject: Serving Spoon

July 29th - Regular Monthly meeting 6:30 PM

Location: **TBA**

Demonstrator: TBA

Subject: TBA



... making
Good
Shavings

President's Notes for May, 2021

Taking Advantage

Every day we see more examples of a return to normalcy following a year of shutdowns, masks and social distancing. We are resuming in-person club meetings in June, and many members are really excited for that! Of course, we did vote to wear masks for our meetings, but we will be face-to-face. We still intend to have Zoom access to the meetings for people who are unwilling to attend a public event, or who are far away. Kathy and I have several trips planned this year, so we will certainly take advantage of Zoom meetings when we are away from home.

SWAT is on this year, and many club members are delighted! Additional great news: as of today, SWAT has lifted previous Covid-related room capacity restrictions! The list of vendors is long, and I confess I always go home with more tools and wood than I intended to buy. Kathy supports and encourages me to take advantage of the buying opportunities at SWAT.

Currently I am busy rough turning some green wood to make room for more wood that I intend to buy on our trip to North Carolina, South Carolina and Florida starting next week. I especially plan to take advantage of buying opportunities in Florida, where several exotic tropical hardwoods have been successfully grown locally and are cheap.

I plan to fill several boxes with Camphor wood, and anything else that strikes my eye. We are leaving home with an empty pickup truck bed, and hopefully returning full.

We are fortunate to have a great group of turners with the entire range of skill levels. We have willing mentors for many different turning skills who are annotated in the digital Member Directory you have all received via email. If you want to learn something, take advantage of the skills and willingness of our mentors, and any other member who is willing to show you what and how they turn. Many of us are willing.

By now you have received an email from me asking for your input on how we can get a great open shop program going. Please take the time to respond to me so we can get a strong program going. We should all have the opportunity to take advantage of increased fellowship, greater knowledge sharing and skill improvement.

Take advantage of all of the opportunities membership in our club offer, and stay positive, be safe, keep turning.

**Greg Stehle
President**



WNT 2021 MEMBERSHIP RENEWAL

Between October 12 and 17, 2020 an email was sent to each current member by James D. Haynes with individual information and steps for membership renewal for 2021.

If you did not receive yours or somehow lost it please email me at jhaynescpa@sbcglobal.net to request a repeat.

James Haynes, Treasurer
214-801-1775

WNT TREASURER DISCOVERS 20TH CENTURY

Payment for membership dues and other items with a credit card is on the way for WNT members.

Beginning at the June 24 meeting members will be able to pay membership dues and purchase Anchorseal, lacquer/sealer, shirts and caps using a credit card. It may take a little longer at first, but be patient with our treasurer as he works out the details of using a PayPal Chip and Swipe Reader. Cash and checks will still be welcome.

Other board members with IT experience and expertise are working on the WNT website to enable payment of dues online. Hopefully announcements about that will be coming soon.

This Month's Shop Tour

Every month, as part of the club meeting, you will get to see how one of your fellow club members has set up their woodturning shop.

This month your host is: **David Carter**

Next month's host: **Greg Stehle**

West Main Arts Festival in Arlington

Woodturners of North Texas demonstrated woodturning at Arlington's West Main Arts Festival Saturday, May 8th.

James Boyett
Activities Director

(Photos provided by Kathy Stehle)





Who's Up For A Challenge?

Last month we had several participants in the Tops challenge. The different styles were great. The coloring and texturing that some put on them were amazing. They were handed out during the Arlington Arts Festival and the kids loved them. I not sure but I think some may have never seen a top before. Great job to all those who entered a piece.

I'm having some technical issues so I do not have complete list of those who participated so rather than miss someone, I will not post a list here. I will make sure those who provided Tops will get the credit when we start having our drawings again.

The challenge this month is for you turn something with a patriotic theme. Anything from a liberty bell to candlestick with patriotic colors. Let your imagination go wild. This is another opportunity for you to show off some of your texturing and embellishment techniques.

See you on Thursday's Zoom call.

David Carter



Designing and Turning Laminated Wood

Introduction

Creating laminated wood is simple, fun and extremely satisfying. Laying out patterns with different available woods is like being back in the third grade playing with colors. It is an opportunity to let your imagination run wild.

Laminating does not require specialized equipment and turnings made from laminated wood are quite eye catching. This is especially true when done as a multi-axis turning.

The laminated wood that I make does not require the precision angle cutting usually associated with segmented turnings. The wood is cut on the table saw and glued together to make turning blanks. I very seldom need to sand the wood after it has been cut. These turning blanks made from woods such as bloodwood, yellowheart, holly, and bocote; chosen for their color and grain patterns, are used to create unique and fanciful designs on the lathe. I often insert colored veneer between the pieces of wood before gluing. I believe the veneer greatly enhances the look of the turning.



Wood and Veneer Selection

I only use kiln dried wood because the stability and dryness of the wood is important in the gluing and in the type of turnings I create. The wood comes as 4/4 or 8/4 boards anywhere from 3' to 18' long and varying widths. The types of wood that I use include:

Bloodwood	Bocote	Bubinga	Canarywood
Chakte Viga	Cherry	Goncalo Alves	Macassar Ebony
Red Heart	Holly	Black Limba	Maple
Padauk	Black Palm	Yellow Heart	Spalted Tamarind
Peruvian Walnut	Zebrawood	Mahogany	

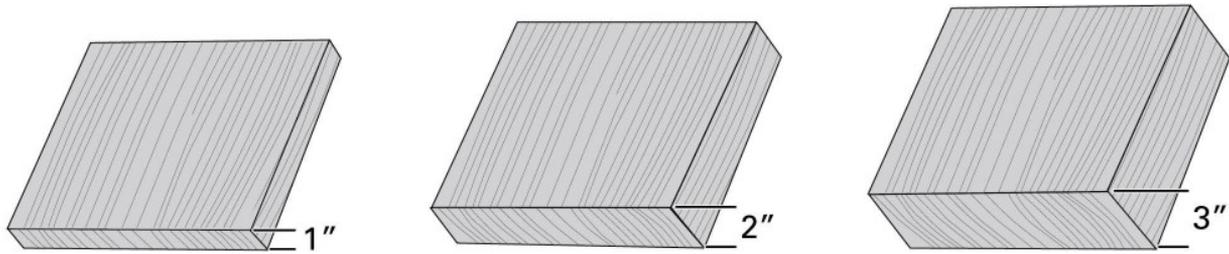
These woods are used because of their unique color, grain characteristics, availability, and price. I am fortunate that in North Carolina these woods are readily available and reasonably priced. There are many other woods that I am sure would also make excellent laminated blanks.

The thin veneer I use is dyed and comes in a variety of widths and lengths. I generally use only solid colored veneer because the only part that shows in the finished piece is the edge, so beautifully figured veneer would be wasted. The use of black veneer can make any colored wood stand out. I also like using red, blue, white, yellow, green and orange veneers. The veneers can be used as a single piece or several pieces together of the same color or in any color combination.

Wood Preparation

I do not face the boards that I laminate unless I will be gluing on the face side of the wood.

I create 1", 2" and 3" thick blanks of various sizes using strips cut from 4/4 or 8/4 boards. (Fig. 1,2,3)



The boards that will be straight cut are cut to 1" longer than the final desired size so they can be trimmed to the exact size I want after they have been glued. If I am planning to turn an 8" plate, I would cut the wood strips 9" long. If I am planning on re-cutting the glued up blank on an angle, I cut the strips that make up the blank 1 1/2" longer than the final size.

I can use 4/4 boards to make 1", 2" and 3" blanks. However, I prefer to use 8/4 boards to make 2" blanks if I have the wood available. The 1" thick laminated blanks I design are usually 8" to 12" square. The 2" thick laminated blanks are often used to make large platters, so I prepare them to be 18" to 24" square.

NOTE: I turn a wide variety of laminated turnings and therefore create many different sizes of blanks.

To make a 1" thick blank that is 8" long, I cut the 9" long 4/4 boards into strips 1/8" to 1/2" wide. (Photo 1) I cut as many strips from the boards as needed to make the 9" square blank. The glued-up blank will be cut to 8" square after gluing and before turning.

To make a 2" thick blank, I use the 8/4 wood. However, I could also use the 4/4 wood by cutting the boards 2" wide. Then I cut the 2" wide strips into thin strips that are anywhere from 1/8" to 1/2" thick. (Photo 2)

These would be glued together to create a 2" thick blank long and wide enough for the size turning needed.



To make a 3" thick blanks, I would use the 4/4 boards. I would cut them 3" wide and then cut the 3" wide strips into thin strips. The length of the strips is determined by the planned turning.

I find that I can glue the strips together without sanding them. If a piece needs sanding, I use a drum sander with 120 grit sandpaper. The veneer to be used in the blank is easily cut to size on a paper cutter. (Photo 3)

I keep a stock of 1", 2" and 3" strips of wood of varying lengths cut to 1/8 to 1" wide in my studio so that they can be used to create new designs. (Photo 4) I store the strips of wood according to their color, grain and width. I also store strips of veneer in various sizes. (Photo 5)

I keep available pieces of laminated strips left over from other designs. Manipulating these strips of wood and veneer helps me create new designs. I do not need to have all the pieces needed to complete the design. If I like the design, I then cut more strips to complete it. An endless variety of designs are possible.



Gluing Tips and Techniques

I use TiteBond III glue for my laminations because it has an open time of 10 minutes. TiteBond II would work as well, however, it has an open time of only 5 minutes. I usually need the longer open time to complete my gluing. I am sure that there are other glues that would work as well. TiteBond III works well for me.

I use a 1" disposable brush that I trimmed to apply the glue. I apply the glue to both sides of the wood because I have found that it makes for better cohesion.



I lay out the strips of wood and veneer to be glued on newsprint. (Photo 6) The glue is poured into a shallow container to make it easier to load the brush. (Photo 7) Cover both sides of the wood. Be careful to lightly apply the glue, heavily applied glue is unnecessary and messy.

As I glue each piece, I stack them on top of each other being careful to line them up with one another. Depending on how many strips I am gluing, I stop after 10 or so and clamp the strips of glued wood together. If I wait too long, the glued strips will set up before I can adjust them to make sure they are lined up correctly.

I cover my bar clamps with wax paper to prevent the glue from getting onto the clamps. (Photo 8)

I can then continue gluing the rest of the strips. After gluing these strips, I join them to the earlier glued strips. Bob Behnke provides excellent Tips for Successful Gluing in the 2015 AAW Woodturning Symposium Handout Book.

The Use of Simple Jigs

I use several different jigs to hold the strips when clamping. These jigs are made with scrap 2" x 4" pine boards, plywood and vinyl floor tiling. I have built several sizes. (Photos 9, 10, 11, 12, and 13)

I screw the pine boards to the plywood and glue vinyl floor tiling to the plywood and the pine boards. The vinyl helps prevent the glued strips from sticking to the jig. I wax the vinyl before using it. Other types of non-stick material could be used instead of the vinyl.

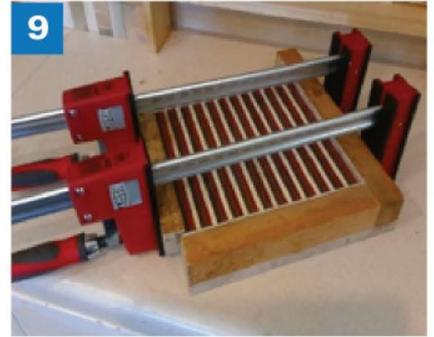
I put the freshly glued strips into the jig and use the bar clamps to squeeze the strips together. I place wax paper on top of the blank to keep any excess glue from the clamps. (Photos 9,10,11)

I often use a book clamp to make sure that the glued strips are all firmly seated in the jigs. (Photo 12) I have found that when putting pressure on the strips they have a tendency to buckle. Using the book press prevents this from happening.

When clamping glued up blocks of wood such as 6" x 6" x 3" or 3" x 3" x 3" I use the book press without any bar clamps. (Photo 13)

When I have finished gluing up a blank, I clean up the edges on a table or miter saw and scrape the excess glue from the faces of the blank. I use a hand scraper, planer or drum sander to do this. (Photo 14)

At this point I can turn the laminated blank or I can cut it again either along its length or at an angle and re-glue it into a variety of designs. I can also add other strips of wood and veneer to it. (Photo 15)



Designing Laminated Blanks

Designing the blanks I use in my laminated turnings is where the fun truly begins. I will explain how I go about choosing the wood and veneer for my plates and platters, because designing blanks for bowls, hollow forms, bottle stoppers, candle sticks, etc. is done in a similar fashion.

I make several types of laminated plates and platters. The differences in designing the plates and platters is that the plates are made from 4/4 blanks and the platters are made with 8/4 blanks. The plates (8" to 10") are smaller than the platters (14" to 24").

One way to design a plate is to start with a 1" thick piece of wood 8" square. I cut the wood along the grain about 1" in from one side. I then insert several selected strips of wood and veneer 8" to 9" long in the cut I made. I add the 1" x 1" x 8" piece I earlier cut from the blank and glue them together. After the blank is glued, I square the blank up on the table saw. (See my handout "[Turning a Square Laminated Plate](#)")



You can make the insert as fancy as you want. I generally cut the strips of wood fairly thin. Sometimes I use leftover glued up strips from other projects as inserts. I sometimes put more than one insert in the plate. (Photos 16, 17, 18, 19)

I have made plates where the insert is at a 45 degree angle in one corner and I have sometimes used a curved insert. (Photo 20, 21)



The second type of plate I make is where the whole plate is laminated. I do this in several ways. One is to merely select the desired wood and veneer and glue them together. The strips of different colored wood can be all the same width or a variety of widths. (Photos 22, 23, 24)



Often, I cut the laminated blank across the grain and move the strips around to create a new design, occasionally adding additional wood strips and veneer. (photos 25, 26, 27, 28, 29, 30)



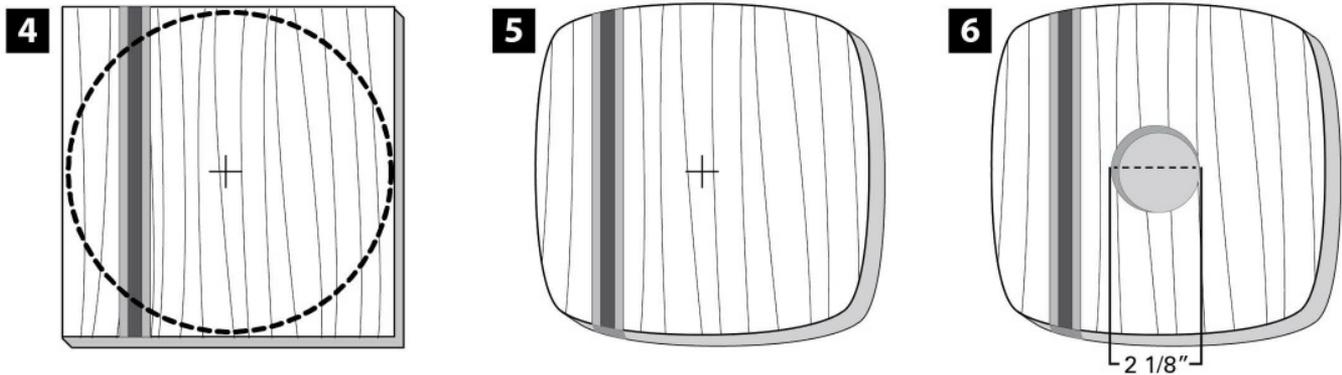
The glued up blank can be re-cut at an angle to create interesting laminated strips. I prefer a 10 degree angle. I can then reorganize these strips and add other strips of non-laminated wood and/or colored veneer to create some really fascinating designs. (Photos 31, 32, 33, 34)

Platters are designed in the same way as the plates except that I use 8/4 wood which is usually 14" to 24" long and a variety of widths. With laminated platters, you do not need a large blank to make a large platter. A large blank can easily be created by gluing strips of wood together. (35, 36)

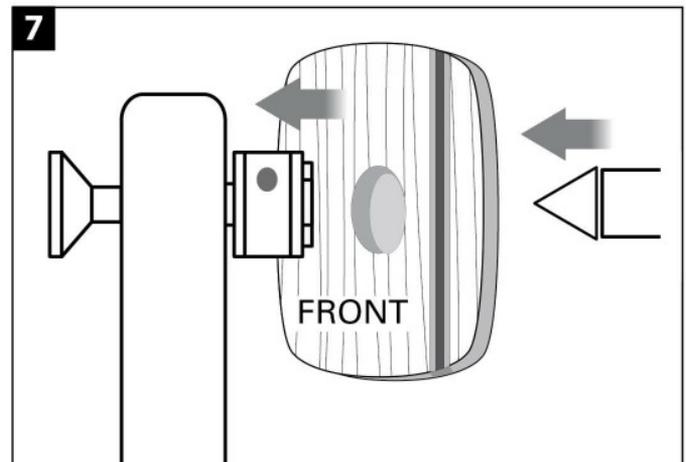


Turning Laminated Wood

Once I have settled on the design that I want, I cut the blank to its final size for turning. For my plates and platters, I use a compass to draw a circle if I want a round piece (Fig. 4) or I just round off the corners for a square piece.(Fig.5) For all my other laminated turnings; I prepare the blank as I would non-laminated wood.



I prepare my plates and platters for mounting by drilling a 3/16" deep hole in the center of the face of the blank with a 2 1/8" Forstner bit. (Fig. 6) I am then mount the blank on my Oneway Talon chuck with #2 jaws using expansion chucking to hold the blank. (Fig. 7)



When turning laminated wood, it is important that you use light cuts with a sharp tool, because the blank is usually a mix of soft and hard wood. Both your push and pull cuts should be light and smooth. I start shaping the back of the plates and platters with a light pull cut until I have the edge curved. Once the end grain on the edge has been curved you can use a push cut without tearing the wood. I find that laminated wood is more prone to tear out than solid pieces of wood.

Finishing Laminated Wood

I carefully sand my laminated pieces keeping in mind that some of the wood is softer than others, and therefore, it is easy to create dips in the soft wood. I sand to 600 grit and apply a coat of shellac sanding sealer. I re-sand with 600 grit and apply a coat of oil/varnish making sure to wipe off any excess. I let the finish dry overnight and sand it with 800 grit paper. I then add a final coat of finish and let dry for several days before buffing with Tripoli and wax. Lacquer finish could also be used, although, I prefer oil/varnish.



The oil/varnish I use is a mix of 1/3 pure Tung oil, 1/3 gloss polyurethane, and 1/3 mineral spirits. I apply it with a paper towel, making sure to wipe off any excess.

Sources

Wood

WorldTimber, Hubert, NC
The Hardwood Store of NC, Gibsonville, NC

Veneer

Sauers Veneer, Lexington, NC

Book press

Shop Fox Presses found on Amazon

Glue

Titebond III is available at Home Depot, Lowe's, and most wood working stores

Gallery of Laminated Turnings



MISSION CENTRAL

If some of you are like me, you miss being able to help people out and turn bowls at the same time. Well, a new opportunity is available.

Mission Central is a sister agency of Tarrant Area Food Bank. Mission Central has two re-sale stores and several months ago they opened a new section at these stores to feature art and crafts works from their numerous volunteers and supporters. I'm sure some turned wood bowls would make a great addition and income generator for these stores. All of the profits from these stores goes to Mission Central.

Mission Central is a multifunctional organization that has a food bank, helps with job searches, tutors school children, and other support functions. The heart of their mission is to empower people in need to improve their own quality of life. Their web site is: <https://missioncentraltx.org/>

You can drop turnings off at the Village Pantry.

The Pantry is open Tuesday – Friday from 12:30 pm – 3:30 pm. It is located at 740 East Pipeline Road in Hurst, in the same shopping center as Kroger. Mission Central is at the East end of the shopping center.

If there is enough interest I can arrange to meet and pick up the turnings.

Any suggestions or comments can be sent to me, Ron Traylor, at randkbiz@msn.com.

NEVER BEEN AN AAW MEMBER?

THREE-MONTH INTRODUCTORY AAW MEMBERSHIP

JUST \$20



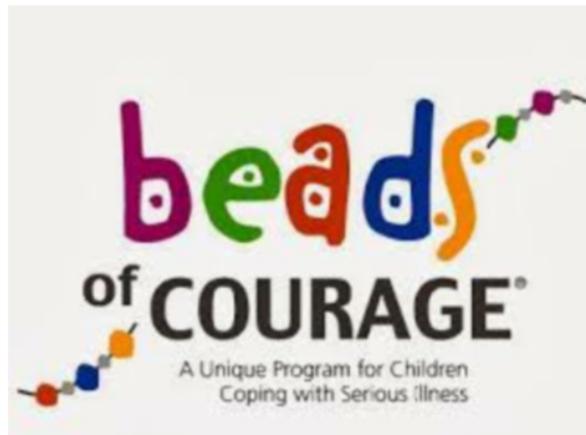
- Each introductory, three-month AAW membership includes the benefits of AAW membership for three full months, including: one printed copy of the *American Woodturner* journal, and access for three-months to Woodturning FUNDamentals, AAW EXPLORE! Discover Woodturning, AAW Connects, AAW Forum, tips library, safety resources, learning and mentoring materials, grant opportunities, specialty programming, services, and more.
- Available to new members one time only. When the introductory three-month membership period ends, individuals who have not cancelled are automatically renewed for an additional nine-month period for just \$40.



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<http://tiny.cc/1TM2040>

Visit us at woodturner.org



Beads of Courage Program

This program is designed to support, strengthen and encourage children and families coping with serious illness. The program lets the children tell their story using colorful beads as meaningful symbols that commemorates milestones they have achieved along their treatment path. The average child gets 500 beads. The Woodturners of North Texas is taking on the challenge again this year.

Requirements

The lidded box/bowl interior diameter should be 6” (5” minimum diameter, 6” depth, 4” minimum). The lid should have a finial/knob that is easy for a child to grasp and not too elaborate. The ‘Beads of Courage’ logo bead to be placed inside or outside will be available at the meeting or can be mailed to you upon request. The “Beads of Courage” inscription can also be engraved or burned in the lid and can be placed inside or outside of the lid (no political or religious undertones are accepted). Customarily your box or bowl will be taken to SWAT and displayed along with the others from the club. Your thanks is knowing a very ill child is getting something that will help them through difficult times.

Please visit the Beads of Courage website at <http://www.beadsofcourage.org/bean-bowl> on ways to contribute. The workmanship and finish should be in keeping with WNT standards.

Mentors

Name	City	Phone	General turning	Bowls	Pens	Segmented Tool Making	Decoration & Inlay	Sharpening	Fundamentals	Natural Edge	Multi-axis	Hollow Forms
Boehme, Billy	Arlington	817-275-7473 (h)	•	•								
Clowers, Wayne	Haltom City	817-834-7755 (h)		•	•	•						
Cox, Glynn	Keller	817-337-0210 (h)	•			•		•		•		
Denke, Fred	Fort Worth	817-292-3479 (h)		•		•						
Horn, John	North Richland Hills	817-485-7397 (h) 817-944-3993 (c)		•			•	•				
Jarrell, Sandy	Fort Worth	817-732-2916 (h)	•	•		•	•	•	•			
Lauderbaugh, John	North Richland Hills	817-485-5469 (h)	•				•					
Marshall, Dave	Fort Worth	817-229-9676 (c)	•									
Roberts, Larry	Arlington	817-465-6397 (h)					•	•				
Tanksley, Jim	Mansfield	817-453-5100 (h)		•						•		
Wiggins, Bob	Arlington	817-274-1332 (h)	•	•			•					

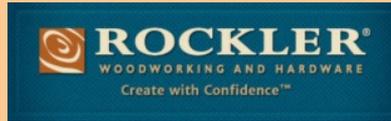
Support these businesses that support us!



10% discount to current Woodturners of North Texas members.

<http://www.woodworldtx.com/>

13650 TI Blvd.
Dallas, TX 75243
(972) 669-9130



10% discount to current Woodturners of North Texas members.

<http://www.rockler.com/>

3810 S. Cooper St.
Arlington, TX 76015
(817) 417-0070



15% discount and free shipping. Exclusions apply.

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

1-800-345-2396

8:00am-5:00pm EST M-F

Craft Supplies

woodturnerscatalog.com

1-800-551-8876



10% discount to current Woodturners of North Texas members.

<http://www.woodcraft.com/>

754 Grapevine Hwy
Hurst, TX 76054
682-334-1025

Penn State Industries

<https://www.pennstateind.com>

1-800-377-7297

The Regular Monthly Meetings are held on the last Thursday of each month at 6:30PM via Zoom.

Board meetings are held on the first Tuesday of each month at 6:30PM on Zoom. All WNT members are invited to attend.

If you would like to attend the Board meeting, email your request to Greg Stehle at pgstehle@gmail.com.

Anchorseal®

The club has purchased a 55-gallon drum of Anchorseal sealant for green wood and it is available to members for \$15.00 per gallon. Sales are being handled by Michael Stephens, 2223 Southcrest Dr, Arlington TX 76013, 817-707-3418. Call to arrange pickup. Payment needs to be by check.

Rules for advertisements: Free ads are available only to WNT members. The deadline for submission or cancellation of an ad is the 10th of the month to be placed in that month's newsletter. Ads will only run for one issue unless notified (email wntnewsletter@gmail.com) by the 10th of the month. Also, if you decide to cancel an ad, please notify the editor (have you spotted the trend yet?) by the 10th of the month.