

Works Courtesy of Members of NC Woodturners

# North Carolina Woodturners Association

North Carolina WOODTURNERS

Journal of the North Carolina Woodturners Association

A Chapter of the American Association of Woodturners

Volume 27, No. 8

Website: [www.ncwoodturners.com](http://www.ncwoodturners.com)



## President's Message

Newsletter 8 of 24

Well, happy August 2017. OK the challenge is on for the August meeting: find something around your house or shop and turn a copy of it as long as it is not a bowl. Then bring *both* items to the August meeting. Don't let Ralph Green win all the challenge project prizes this year.

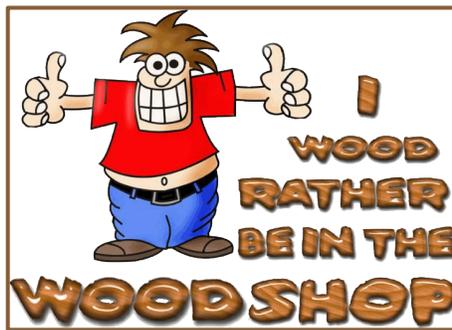
Then hang around and watch Michael McNeilly demo how to turn finials, Christmas and bird house ornaments. You can take what you learn from Michael's demonstration and apply it to make an ornament for the Christmas Ornament swap at our December Christmas gathering.

I hope to see you all on the second Saturday in August at Klingspor in Hickory; stay safe and turn something copied.

*Tim Simmons*

## Table of Contents

President's Message	1
2017 Presenters/Topics	2
2017 Challenge Projects	2
August Meeting – Michael McNeilly	3
July Meeting – Learn 'N Turn/Tool Sell	3
NC Woodturners Symposium	3
Membership/Newsletter/Library News	4
Beall Buffing Shaft Project	5
Mentorship Information	6
THANKS, from Gene and Beth Parham	6
Challenge Project – Acrylics	6
Gallery	6
2017 Officers and Board of Directors	7



The AAW is dedicated to the advancement of woodturning by providing education, information, organization, technical assistance, and publications relating to woodturning. The North Carolina Woodturners Association purpose is to promote an interest in woodturning for persons of all levels, and to encourage membership in, and give support to, the American Association of Woodturners.

## 2017 Presenters/Topics

Presenter		Topic / Demonstration
January	Sam McDowell	Design and Structural Problems
February	Scarlette Rouse	Three-winged box
March	Tom Denne	Segmenting – the ‘mystery’ revealed (Tom’s method)
April	Ric Erkes	Tips and Tricks (should be very enlightening).
May	Bob Moffett	Turning a wide rim bowl and using Lichtenberg Fractal woodburner on the rim. Will also show how to make the woodburner
June	Jerry Measimer	Finishing and texturing
July	Learn ‘N Turn and “sell” of tools, etc.	Chance to help others improve their skills; everyone wanting to sell will pay \$10/table
August	Michael McNeilly	Finials (and spirals), segmented Christmas ornaments; bird house ornaments
September	Scott Caskey	AM – Turning/Sharpening – various methods
	Beth Parham	PM – Pyrography – beginning information and more
October	Bob Baucom	AM-Lantern ornament turning
		PM-turning small bowl with “Ride the Rainbow” cut and texturing in afternoon
November		
December		<b>CHRISTMAS PARTY @ Market on Main, Hickory, NC</b>

## 2017 Challenge Projects

Project		Description & references
Jan	Trembleur	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=63">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=63</a>
Feb	Spheres	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=71">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=71</a>
Mar	Eggs	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=35">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=35</a>
April	Natural edge Mushrooms	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=54">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=54</a>
May	Square edged bowls/platters	<a href="http://www.instructables.com/id/A-Square-Bowl/">http://www.instructables.com/id/A-Square-Bowl/</a> <a href="https://www.youtube.com/watch?v=eXBTzDr3yIU">https://www.youtube.com/watch?v=eXBTzDr3yIU</a>
June	Non-kit Letter openers	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=92">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=92</a>
July	Acrylics	Turn something out of acrylic/or use Acrylics with your turning <a href="http://www.alumilite.com/">http://www.alumilite.com/</a>
Aug	Copy it. (no bowls)	Copy an object you have around the house or shop; bring both objects
Sept	Miniatures	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=52">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=52</a>
Oct	Boxes	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=13">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=13</a>
Nov	Fruit	<a href="http://www.woodturningonline.com/Turning/Turning_projects.php?catid=39">http://www.woodturningonline.com/Turning/Turning_projects.php?catid=39</a>
Dec	Ornament Sway	Bring one to party if your spouse wants to participate in the annual swap.

## August Meeting – Michael McNeilly



I am looking forward to watching and learning from Michael McNeilly. He will be sharing his talents and techniques for turning finials, Christmas ornaments and bird house ornaments. He will be sharing other turning information for us as well. I have been in awe of his finial work since first meeting Michael. I will be sitting front and center and learning all I can from Michael.

Michael is one of our own and does fantastic work; he and his wife, Mary, live in Mooresville and among other interests, is a proud grandfather. He has/had pieces on exhibit at Andre Christine Gallery. From my research I learned that Michael's father enjoyed wood working and that may have been the start of Michael's interest. "Honestly, when I was growing up I didn't share his interest. I thought he was crazy," McNeilly said. He has build furniture and other items for their home over the years and has endured his share of small nicks and splinters. "You wouldn't be a woodworker if you didn't have splinters," he said.

McNeilly owned a lathe, but had never set it up. In 2005, he enrolled in David Kaylor's woodturning class at the former Ice House Center in Davidson. His life changed.

"That started me down the road to different types of woodturning," McNeilly said.

He also joined the N.C. Woodturners Association, which he discovered is an excellent place to learn new techniques.

Along the way, McNeilly realized he could combine aspects of his occupation and hobby. He's been an aviation mechanic for more than 36 years and been employed at US Airways for most of them.

"Lots of skills I have at work translate because I do sheet metal work. Some of the skills translate directly to woodturning and woodworking," McNeilly said.

Can't wait to see his demonstration!

## July Meeting – Learn 'N Turn/Tool Sell

July was scheduled as a "Learn 'N Turn" and as I was not able to attend, I do not have any information nor pictures of any of the events from Saturday. The only thing I have heard is that there was minimal turnout for this.

## NC Woodturners Symposium

*By Ric Erkes*

Just wanted to pass along some additional info on the Symposium. First, even if you've already been to the Greensboro Colosseum, parking can be confusing. Before you go, look at the website and maybe print off the Google overhead picture. Directions of where to park and enter the building will be available. There is a small parking fee the first day, but a pass is included in the package for Sat and Sun. Have an RV or camper? Contact the colosseum for a permit for onsite parking at \$45 a night. Electricity is available but no water or sewer hookups.

Obviously, the demonstrators are the main draw, but right up there in the satisfaction poles are the vendor area and the instant gallery. These are open to the general public so even if you don't care to see a demo, it is worth a trip. As far as the instant gallery goes, you'll see some incredible pieces, but it is not all about the pros. No matter where you are in the journey, bring up to three of your pieces to place in the gallery. Just like at our club, you'll find somebody newer than you asking how you did it, or you can find somebody there who has a new idea or approach.

The last I heard, the count is 21 vendors with possibly more expected last minute. Remember, these folks know we are woodturners and so everything is geared specifically for us. New and used tools, lathes, accessories, wood, burls, even tool demos, it'll all be there.

Saturday's lunch and banquet dinner, along with Sunday's lunch is included in the price of attendance which is \$175 until Oct 1<sup>st</sup>; (afterward it is \$185). Don't have a whole weekend to spare? Individual day tickets are available.

An Auction is part of Saturday night's banquet dinner. Vendors and demonstrators are asked to donate items and if you have an item you are more than welcome to put it up for bid.

Lots more info on the website. [WWW.northcarolinawoodturning.com](http://WWW.northcarolinawoodturning.com)

Remember, it's our Symposium, so make plans to come on out and enjoy.

## Membership/Newsletter/Library News

By Beth Parham

### LIBRARY

Gene's cancer treatments start again this week so I am still hopeful that I will have library open to check out even if everything is not 100% organized with the restructuring of our cabinet and rearranging of the DVDs and/or books. DVDs are in pretty good shape. Some have been found that don't play well or even maybe missing. I am working on an updated listing of DVDs and books to distribute to the membership as well as an electronic version available on the website. Target for paper version is still August as well.

As always, let me know if there are any new DVDs or books that you may be aware of that would be an asset to the library.



### MEMBERSHIP MATTERS

*Types of Membership and annual pricing.* See me at meetings if you want to join or have questions regarding membership. Also, remember that membership entitles you to a 10% discount from Klingspor on all purchases (except wood and things with a plug).



#### ❖ Regular

- \$50/year –
- The following prorated price for yearly membership applies to *new* members.
  - After April 1st - \$45.00;
  - After July 1st - \$40.00;
- After October 1st - \$55.00, which includes the following year
- *If you do not renew by March 1st of any year, you must pay the full \$50 membership to 'rejoin' in the calendar year per the by-laws*

- ❖ Centurion \$100/year (paid to NCW Education Fund. Includes special nametag.)
- ❖ Lifetime \$600 one time paid to NCW Education Fund. Includes membership for life and special name tag
- ❖ Benefactor \$1,000 one-time paid to NCW Education Fund. Includes honorary membership in NCW (designed for businesses)

### WEBSITE/ON-LINE

Updating the website is an ongoing and major. I will be updating and adding to our website – <http://www.ncwoodturners.com/>. I want to generate an online gallery that will “slideshow” challenge and especially gallery items each month. Other suggestions you’d like included in our website would be welcomed.

### NEWSLETTER

If you fail to get your newsletter (via mail or email), let me know at the meeting or contact me. Sometimes emails change and I don’t get the notification from you and sometimes, crazy computers “gremlins” change something or drop off something – got to love hackers! (NOT!!!)

Again, if you are getting the newsletter via mail and get an email, be sure to let me know of the email address. The electronic version is faster and in full color.

### MEMBERSHIP DIRECTORY

Membership directory is being sent to the printer by next week. I have heard no corrections from anyone so hopefully it will be 100% correct.

Klingspor has an updated membership list as of 7/27/17 for store discount purposes. I have ordered “membership cards” that can be shown in the event new or renewed memberships don’t get “officially” sent to KWS before you are ready to purchase. Maybe here by August meeting but not sure.



## Beall Buffing Shaft Project

by Raymond Lanham (September 12, 2004)

1. Starting with a 24” long 3/4” diameter threaded bar, purchased from Home Depot, I ground off the threads until I had a 5/8” round shaft. Spray painting the threads prior to grinding allows you to see what you’re doing and helps to keep the shaft round rather than oval as you grind. The drill chuck for my lathe has a 5/8” capacity so I ground the end to .625. If your lathe chuck is smaller, you’ll need to grind more off.



2. If you have the regular Beall Buffing wheels, the hole in the center is approximately 3/8” and must be enlarged to 3/4”. You’ll notice the stitched circle around the hole. It’s about 1” diameter. You’ll need to punch out a hole 3/4” diameter to fit the shaft and the copper inserts which you’ll see on another picture. These inserts keep the wheel centered on the shaft.



3. I made a punch from a piece of 3/4” electrical conduit. Cut the conduit to 6” length and grind one end to make it sharp. You need a block of end grain wood to pound on when punching out the 3/4” hole. Keep rotating the punch as you hit the end with as large a hammer as you have (I used a small sledge) until the punch goes all the way through the cloth wheel.



4. Here you see the punch all the way through the cloth wheel with the punched-out cotton holes inside the conduit. This must be done with all three of the wheels before going on to the next step. You see the white diamond wheel with the punch sticking out



one side and the Tripoli with the punched-out linen, flannel & cotton holes scattered around. Making certain that your punch is very sharp is the key.

5. Once the 3/4" holes are punched in the cloth wheels, it's time to make 3/4" inserts from 3/4" copper water pipe. Using a copper pipe cutter, make three inserts for the wheels and make certain that they are 3/8" in length, but no longer. They will keep the wheels centered on the shaft but must not be as wide as the cloth wheels are thick. The large washers & nuts will clamp the wheels to the shaft.



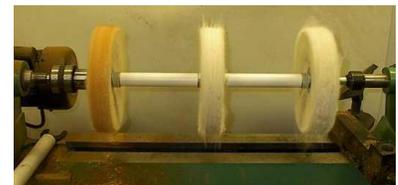
6. This photo shows all three cloth wheels with their inserts in place. Ready to be placed on the shaft. I used (2) 3/4" washers and nuts on each wheel. One set on each side of the wheel. I cut (2) 6" pieces of 3/4" plastic water pipe to act as spacers. Starting with the ground end of the shaft, I positioned one wheel with nuts & washers on each side, one plastic spacer, another wheel, more nuts and washer, another spacer and the remaining washers & nuts. You'll need to decide how long you want your shaft to be. 5" spacers would have been adequate but you'll need to leave about 1" of shaft on the end.

7. This photo shows the end of the shaft that will fit in the tailstock rotating center. The hole was hand drilled and if you're careful, using a center punch and a center marking square, you shouldn't have any trouble. If you're uncertain of your success with this aspect, a machine shop would probably turn one end of the shaft down to 1/2" and drill the hole in the other end (after you decide how long you want it to be) for \$5 or less.



8. This photo shows the lathe drill chuck attached to the opposite end of the shaft. Note the large washers and nuts on each side of each wheel holding each wheel tightly to the shaft. Each end of the shaft has a 3/4" lock washer to keep everything in place. The spacers are tight between the nuts but not overly tight. They cannot turn on the shaft and keep those revolving threads away from errant fingers.

9. These photos show the Beall Buffing shaft in place on my lathe, ready for non-stop work. How nice it is now to be able to buff on all three wheels without having to stop and change each wheel. I hope you find this project helpful and that it saves you money that you could spend on a good day



## Mentorship Information

If you are interested in learning new skills, or improving the skills you have, contact one of these NCW members:

Scott Caskey (Iron Station, NC)	704-735-2382	Edgar Ingram (Statesville, NC)	704-876-4576
Don Olsen (Morganton, NC)	704-530-6055	John Melius (Mooresville, NC)	704-995-7257

Additionally, if you are wanting to mentor and help new turners learn this art form we all love and are addicted to, please let me know if you want to be added to this Mentorship Information.

## THANKS, from Gene and Beth Parham

We want to express our thanks to the members and spouses that came to Blowing Rock during our week in "Residency" at Edgewood Cottage. It was a great feeling to see familiar faces and have the support. The weather was also MUCH cooler than in Catawba County.

## Challenge Project – Acrylics

No input

## Gallery

No input

**2017 Officers and Board of Directors**

**Officers of NC Woodturners – 2016**

<b>President</b>	Tim Simmons	(828) 726-1599
<b>VP/Program Chair</b>	Jerry Long	(704) 437-2188
<b>Treasurer</b>	Bruce Whipple	(828) 584-0890
<b>Secretary/Journal &amp; Website Editor</b>	Beth Parham	(828) 244-9512

**Board of Directors / NC Woodturners**

<b>Last year of 3-year term (thru 2017)</b>	Gene Parham	(828) 294-4001
	Dan Greaser	(704) 325-0222
<b>2nd year of 3-year term (thru 2018)</b>	Bob Tate	(704) 735-2382
	Dorothy Green	(704) 692-4278
<b>1st year of 3-year term: (thru 2019)</b>	Scott Caskey	(704) 735-2382
	Ralph Green	(704) 692-4278



## NEXT REGULAR MEETING:

August 12, 2017

WHEN: Second Saturday of each month

10:00 AM – 4:00 PM

### LOCATION Klingspor's Woodworking Shop

856 21<sup>st</sup> Street Drive SE

Hickory, NC 28602

North Carolina Woodturners  
c/o Beth Parham  
2154 Frye Avenue  
Hickory, NC 28602

