



North Carolina **WOODTURNER**

Journal of the North Carolina Woodturners Association
A Chapter of the American Association of Woodturners

Volume 13, Number 3

March 2003



By Clarence Cogdell

THE PRESIDENT'S MESSAGE
By Ron Mechling

Our February demonstration by Joel Hunnicutt was a great success and attendance was up again at the meeting. Ric Erkes has put together a great program plan for the year.

I was disappointed to miss this meeting, but had planned in early last year to attend the IWCS Winter Woodfest 2003 at Lake Yale Assembly in Florida. The meeting there was fun and included all sorts of demos to include turning, photography, flute and walking cane making, glass etching, etc., etc. I highly recommend membership in the International Wood Collectors Society (www.woodcollectors.org). Their monthly magazine is a treat by itself.

At the Charlotte Woodworking Show, March 7-9, we will have a booth manned by our members. We will demonstrate turning on our mini-lathe and members can display their turnings in the booth as well. This show will transpire during our next regular meeting and we'd like to thank all the volunteers who plan to be there. If you attend the show, please stop by and encourage the group.

Your treasurer, George Wunker, reported at the board meeting that our club finances are in good order. Thanks George.

At last month's meeting, David Propst from Valdese won the J.C. Campbell scholarship. David has helped the club in many ways in the past and has just recovered from a serious health problem. Congratulations.

Our next meeting, March 8th, will feature Joe Nelson on hollow vessels with spiral ridges. See you there.

Ron

Member News - by Mary Bachand

Please welcome these new members to our woodturning family: Paul Carswell of Lenoir, NC; Art Hattaway of Salisbury, NC; Dave Terpening of Charlotte, NC (Welcome back, Dave!) and Greg Wilson of Concord, NC.

I plan to have the new directories available at our March meeting. Your directory will have your name on it so please make sure that you get the correct one. Also, our name tag box will be re-arranged to add all of the new members and to delete the few who did not renew. Your new number will be on the back of your name tag so you will know where to put it at the end of the meeting.

I would like to make a public apology to Craig Summerville for leaving his name and vitals out of the directory. If I have mixed-up any others, please let me know. Please add this to your directory when you get it:

Craig Summerville
1105 Cameo Ct.
Charlotte, NC 28270
(704) 847-2383

Library News - by Mary Bachand

The third video in the series by Tobias Kaye has finally arrived. The title is "Bowl Turning From Basic to Master". I'm asking some of you members to dig back into your memories and help me help a new member. She was looking for a video on turning pens. We have several books but I didn't think that we had any videos. Many years ago when we met at Tony Bradley's shop there was a demo on turning pens but I don't think that the demos were made into videos at that time. (I don't even think that I was the librarian then!) Have we had any demos since we started making videos that would be in our library? Also, do any of you know of a source from which I might purchase such a video? Do any of you mentors do pens?

Several of you have had rentals out since January so please mail them to me or bring them to the March meeting. Someone who lives in Statesville has had 3 videos out since November. Please remember that you owe rental fees for all of the months that you keep library equipment.

NEXT MEETING: MARCH 8th at 1:00 pm

Coming Events - by Ric Erkes

Mar. 8 - Joe Nelson will be our demonstrator for Mar. Joe is a former President of the Piedmont Triad Woodturners. He will be creating a vessel with spiral fluting. He'll hollow a small vessel, discuss the layout of the spirals and use different methods to cut the spirals. Joe is a tool and die maker and will be bringing over 40 years of woodworking experience... along with gouges, hollowing tools, a laser, and various carving tools. See you at one o'clock.

Apr. 12 - Tom Crabb - multi-axis vessel.

May 10 - Mark St. Leger - small items.

Aug. 9 - Chris Ramsey - a wearable hat.

Sept. 13 - Phil Brennon - southwestern style instructions.

Nov. 1st & 2nd - mini-symposium.

Dec. 13 - Christmas party.

Jun. 14; Jul. 12; Oct. 11 - Open.

Woodturning Symposia

May 8-10, 2003 - The *Utah Woodturning Symposium* 24th anniversary. For more information contact Dr. Kip W. Christensen at 801-422-6310 or email: Dr. Kip W. Christensen (Kip_Christensen@byu.edu) or visit utahwoodturning.com. The first annual **Penturners Rendezvous** will be held on May 7th, 2003, at the Holiday Inn, to celebrate the re-emerging art of turned pens. Visit www.turtlewoodworks.com/provo03.htm for more information. There is no charge to register or attend this fun-filled evening of woodturning.

June 27-29, 2003 - The *American Association of Woodturners Seventeenth Annual National Symposium* will be at the Pasadena Conference Center, Pasadena, California.

November 1st & 2nd - The *2003 Carolina Woodturning Symposium* will be held at the Statesville Civic Center. Mark your calendar, and watch for details in upcoming newsletters.

2003 Challenge Projects

March - Miniature turnings - max dimension = 2".

April - Turned nuts - either turn a nut out of wood, or turn a nut into something.

May - Fly house.

June - Croquet ball and mallet.

July - Squared or cubed turnings

August - Something whimsical.

September - Mushrooms.

October - Whistles.

November - Bring your gallery pieces to the Symposium.

December - Bring your gallery pieces to the annual Christmas party and auction.

Gallery Photographs

Don't forget to take the printed photographs of your gallery pieces for your own albums, with our compliments.

Classifieds

For Sale: Delta lathe, 12 swing with stand, 3/4 HP motor, \$400. Contact John French at 704-847-3643 or email frenchl@iopener.net.

NCW Logo Clothing

NCW clothing is now available. Samples of various sizes of the golf shirts, henley t-shirts, and turning smocks will be available at the meetings. Place your orders with John Uteck at the meetings with checks payable to Vector Shirts, for delivery of the ordered items during the next meeting.

To see samples of available clothing and colors, or place an order directly from Vector Shirts, check out their website at www.vectorshirts.com, or call Kim Lindsey at (704) 844-6907.

Mentor Program

If you are interested in learning new skills, or improving the skills you have, contact one of the following turners for mentoring: If you are interested in being a mentor, please let John Uteck know to include your contact information in the Journal.

- John Winslett (Tryon, NC) - 828-859-9863.
- Dean Amos (Sandy Ridge, NC) - 336-871-2916.
- David Propst (Valdese, NC) - 828-437-4722.
- Ric Erkes (Davidson, NC) - 704-896-3302.
- Scott Ollis (Hickory, NC) - 828-294-4423.
- David Kaylor (Davidson, NC) - 704-892-8554.
- Sam McDowell (Statesville, NC) - (704) 871-9801.
- Edgar Ingram (Statesville, NC) - 704-876-4576.
- Glenn Mace (Mocksville, NC) - 336-751-1001.
- Dick Nielson (Gastonia, NC) - 704-864-1742.
- Grant McRorie (Rutherfordton, NC) - 828-288-9572.
- Don Olsen (Lincolnton, NC) - 704 735-9335.
- Ron Mechling (Todd, NC) - (336) 385-1250.

Demonstrator Review - by David Kaylor

Joel Hunnicutt on Segmented Woodturning

February 8, 2003

Joel's claim that he has been turning only three or four years may be difficult to believe when one sees his skill, imagination and sophistication as he demonstrates segmented turning. Joel is a member and current president



of Piedmont Triad Woodturners. He gave a clear demonstration of how to design, layout, cut, glue-up and turn segmented vessels.

Joel explained that his interest in segmented turning originated when he bought his first lathe from an

octogenarian who showed him a small segmented bowl. Joel showed a cherry stave bowl, which was his first turning. Segmentation appeals to him because he likes to mix colors and devise patterns. He also likes the fact that the actual turning -- and especially the sanding -- are relatively quick and easy.

Joel showed examples of three kinds of segmented vessels. First, stave construction consists of lengths of boards cut at specific angles -- for example, 12 pieces cut at 15 degrees. Advantages here are simplicity of cutting and long-grain glue joints. Stave construction goes back to medieval times, and is represented in barrel construction. The major disadvantage of this method is the limited shape it allows, with straight walls and a glued-in bottom. Gluing contrasting veneer strips between the segments can make these bowls less boring.

Second, mitred stave construction uses staves mitred from inside to outside and tapered from top to bottom. This type



allows a greater range of design (mainly by cutting different tapers from top to bottom), but it is still quite limited by the thickness of the boards used. Disadvantages include the hellacious struggle to glue the staves, and the amount of time it takes.

Third (saving the best to the last) is flat ring construction. Joel demonstrated this method in detail. The process begins by drawing up on graph paper the profile of the vessel (Joel passed out samples of his drawing; write or email Joel for a copy). The profile drawing should show the inside and outside diameters of the rings. Software to assist this process is available for \$20 from Kevin Neelley (www.turnedwood.com). Joel passed out copies of the print-out for his demonstration bowl, using Neelley's software (for a copy, contact Joel). The print-out showed the dimensions for each piece of each ring, as well as the board length needed.

Joel used a table saw to demonstrate cutting the segments. One can use a sled dedicated to a vessel with a particular number of sides. Alternatively, one can use a miter gauge such as Incra's. Joel demonstrated the latter, using a stop block against the fence, turning the board over after each cut. Joel indicated that one could use a miter saw; the disadvantage is that miter saws tend to fling short cutoffs.



Joel glued the segments in pairs, placing them on wax paper, using Franklin's Woodmolding Glue, which sets quicker than yellow glue (tacky in 30 seconds). He sets the pairs aside for 5 minutes or so, and then glues the pairs of segments into half rings. After the half rings have set, he joins them to form a complete ring. The half rings will need to be sanded or sawed to meet perfectly. The rings also need to be flattened, which can be done on a Performax (if one is lucky enough to have one!). Otherwise, they can be mounted on the lathe and turned flat, which will require gluing them up one at a time, allowing drying time. When all have been flattened, they can be glued together, using a drill press as a clamp.

Joel briefly demonstrated the way he turns the blank, first cutting off the corners, and then shaping the outside. He advises to be careful and stop turning the outside as soon as the desired shape is obtained, leaving as much wood as possible for turning the inside.

A variation on the flat ring method, the open segmented bowl, requires a different, more tedious, method of gluing, proceeding piece by piece on the lathe itself. Anyone interested in learning this method would do well to get a copy of William Smith, *Segmented Wood Turning*, which includes instructions for making a jig to assist in glue-up.



Joel showed his expensive jig, and then Roy Fisher showed the one he made using Smith's book. Joel then demonstrated turning a previously glued-up piece, roughly turning the outside. He had turned the inside as he

built it up, ring by ring. Joel uses a closed ring for the top of the vessel. He uses spray lacquer, so that the finish gets inside the open spaces.

Joel's friendly, easy-going and somewhat self-deprecating manner made his very fine demonstration even more enjoyable.



FEBRUARY GALLERY

Photos by George Wunker and Bonner Guilford



Roy Fisher



Dean Amos



Don Olsen



Gene Dampier

For more information, contact Joel at:

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joelhunnicutt@hotmail.com

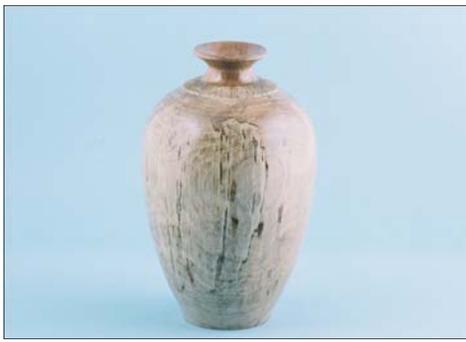
FEBRUARY GALLERY - Photos by George Wunker and Bonner Guilford



Jim Livingston



J. D. Reinhardt



John French



Dean Amos



John Uteck



Harold Lineberger



David Kaylor



Glenn Mace

?? North Carolina Woodturners Association Trivia Question ??

Name the past presidents of the North Carolina Woodturners Association. (answer in next month's Journal)



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FEBRUARY GALLERY

Photos by George Wunker and Bonner Guilford



Edgar Ingram



Jim Miles



Don Olsen



Gene Dampier



Sam McDowell



Roy Fisher

Remember, our meetings are always at 1:00 on the second Saturday of the month at Klingspor's Woodworking Shop in Hickory unless otherwise noted in the Journal.

NEXT MEETING: March 8th at 1:00 pm