



Piedmont Triad Woodturners Association



www.ptwoodturners.org
www.woodturner.org
Newsletter
September 2009

Message from the President:

Hello Everyone,

I'm sorry to say I missed the last meeting and the Segmented Turning demonstration by our own John Morris. The people that I have talked to since the meeting said it was a really outstanding demonstration and that the meeting went really well.



Jim Terry will be the demonstrator for the September meeting. He will be demonstrating bowls with a beaded detail and explaining planning your work for us. I don't know about the rest of you but a lot of times my turnings turn out different than I had originally envisioned them so I think this will be a demo that we can all learn a lot from. We have all seen Jim's work and know it is outstanding so we are definitely in for a treat. Don't miss this one.

I missed seeing the results of the Turning Challenge. I did get to look at the pictures that Jim Terry posted on the website. I don't think I have ever seen such an interesting assortment of bottle stoppers. That, as well as all of the other pieces, was really interesting. I think we always have an outstanding Instant Gallery.

The turning challenge for the September meeting is to turn a bowl under 4" in diameter. The design is entirely up to you. You can make it as unique as you wish. There are no limitations other than it must be a bowl and less than 4" in diameter. It can be segmented or out of one piece of wood. That is up to you. This should be fun.

Turning challenge for October – Turn a piece with a Segmented feature. The entire piece can be segmented or just a portion of it is segmented. It can be either open segmented, closed segmented, a mixture of the two or a combination of segmented and solid wood. That is up to you. It can be as big as you want or as small as you want it to be. There

are no limitations other than it must have some segmented feature.

Please bring your **two** best tunings for display in the Instant Gallery and one item for the Monthly Turning Challenge. Limiting your entries to **two** items for the Instant Gallery and one item for the Turning Challenge gives us more time to admire them and more time for the demonstration. We have a really fantastic Instant Gallery so let's all keep up the good work.

Remember to see Bob Holtje to get tickets for the year end raffle. You get one ticket for bringing items to the gallery and one for bring items to the raffle. When you decide to do a demo, Bob will give you five tickets.

Bob Holtje did a great job on bulk purchase of CA glue. We have sold quite a bit of the glue that he purchased. If you are interested in getting some of the remaining CA glue before it is all sold out see Bob at the next meeting. If you have some ideas about items that you think would be good items for the Club Bulk Purchase program, please let Bob Holtje know at the next meeting.

An inventory of our library materials has been taken and many new items have been added to the collection. In order for the library to grow, we need all members to contribute the requested rental fee for items and also to return items on time. With the monies from rentals, we will continue to purchase new items to enhance our collection, particularly professional DVDs. Any items checked out need to be returned the following month so other people can use them. If you have any books, VHS tapes or DVDs that you aren't using any more, please consider donating them to the library so that others may enjoy them.

We are always looking for ways to improve our club. We have made several changes in the past year that I hope have benefited the club and its members. We would like 2009 to be our best year ever. Please let any Board Member know what you think we can or should do that we aren't doing to improve the club for all members. If you would,

please contact a Board member at the meeting and follow up with an email, letter or phone call after the meeting. If you want to contribute some of your talents to the club, contact any Officer or Board Member. This club belongs to all of us and working together we can all make it better and more fun.

The September meeting will be on September 8th. I look forward to seeing you then.

Bob

Minutes of the August Meeting:

- Vice President John Morris opened our meeting
- Introductions of 4 visitors were made
- Thanks to Lisa and Ralph Mason for hosting last months meeting/cookout
- Also to Wall Lumber and the special gift plaque he presented our club.
- Recognition for Chef Butch Hadley and Chef Waylon Loftin for helping at the cookout
- And a special thanks to all who participated and brought desserts/side items.
- Please renew your annual membership early
- The Leonard center Summer Kids Turning Program was a great success due to hard work of Bob Muir, John Morris, Jim Duxbury, Bob Holtje, Clyde Mosley and Jim Yarbrough
- NC Symposium is coming up in October
- Changes to our By Laws will be presented next month
- A couple of turning concern questions were discussed
- Our Instant gallery was present by Lan Brady, with photos by Jim Terry
- After the Break, Doc Green conducted our very successful raffle

Jim Duxbury introduced our guest turner for the night. He looks a lot like our Vice President- John Morris. Another amazing coincidence is, his name was John Morris as well. Wait a minute, it is the same guy! Sorry gang, but that is as humorous as I get!.

Anyhow, most of you know John well and the work he has done for our club over the years. After his retirement from the furniture industry, John became an apprentice of Joel Hunnicutt. He began his adventure in January of 2004 with a segmented class at the local



community college, taught by Joel, and has never looked back.

John first shows a few pieces of his work. He mentioned that the term Segmented is a relative new term, and the work throughout history has been referred to as Poly Chromatic.

His demo tonight was a basic 3 layer bowl. The base was solid wood. The second layer was open segmented. And the 3^d layer was close segmented. As with the larger pieces as John does, he had a plan in hand. Each layer was well defined in construction. John reveals a little of his personality as he admits that he walks the fence between frugal and cheap! Personally, I think he has much competition for that title. Myself included.

John does give credit to his mentors. He mentioned working with Joel, but he also recognized his book learning. He referenced books by Malcolm Tibbets and Bill Smith.

John also gives credit to the software (Woodturners Studio) he uses. But his handiest tool is his pocket calculator.

With a plan in hand, he begins the wood cut list. You cut all pieces/layers for width and length. Then you plane and sand for height. Don't forget to number each of these boards or the different layers will not match up. At the imaginary table saw, we see that he has a homemade miter sled that is the equal to many commercial models. John gives credit to the commercial sled as well as plans for the homemade (Kevin Neely) version. Without creating a dust cloud he shows us the set up and executes the cutting of pieces in a zigzag fashion to utilize the least amount of wood. He points out that angle measurements on open segments are not as critical as on the closed equivalent. The closed version must be to the nearest 0.01 degrees, or you will see a gap in your work. For a beginner, he offered suggestions, such as making 2 half rings and sanding each flat before final glue up.

Each piece will have the edges sanded with a sponge sander. Each layer/pieces are cut, sanded and segregated in sequential order. We move onto the shooting board for assembly.

This board is made from laminate so the excess glue can dry and peel off easily. The fence is elevated to give the excess glue a path to escape without creating pressure on the segmented layers. John clamps all the pie shaped pieces for the top layer together. All 12 pieces have glue applied on both sides at the same



time. On the stretched out tape, he now places the 12 pieces (dry side) to where it looks like a row of sharks teeth. Grabbing both ends of the tape, he now rolls the entire layer together. Using a stainless steel band clamp, he applies pressure all the way around. Using a rubber mallet he makes the delicate final adjustments to each piece and final tighten of the stainless steel clamp.

To glue the different closed layers together, John uses a homemade clamping jig that allows him to build a few layers or many layers. I can only imagine the creations that have spent time in this clamp. The open segment layer is constructed on the lathe. Again, John has a homemade jig that allows him to glue up individual pieces one at a time. Then he advances and glues another. His speed is critical. He must allow about 30 seconds of clamp press before advancing. He has wedges to place between segments for control of any sagging that occurs.



Once dry, the inside is turned to rough finish shape and he breaks out the 80 grit roughing gouge. Once he is happy with the inside finish, it is sprayed flat black.

Now the bottom half is built, John will build the upper portion from the top down. Basically he builds 2 bowls and glues together. A vitally important step is to remove the black paint from the flat surfaces to be mated. You will be unpleasantly surprised at how well that little black line of 0.0001" in thickness will show up in the finished piece.

Once glued up, the outside is turned true. It is now time for the reverse ground scraper gouge. Both Joel and John confirm that using this tool cuts sanding time greatly.

When sanding, John uses a memory wheel to keep up with the grit he is using. He rotates the marked wheel to match the grit through all 8 steps. He seems to think that he is the only one that ever gets interrupted and loses his train of thought. What was I saying before I interrupted myself?

The final step is to part off the completed project. And of course he uses a homemade parting tool. I hope Mrs. Morris never counts the steak knives!

During the finish process, John uses Lacquer. He colors the piece with Trans-tint dyes. More Lacquer and more lacquer. He wet sands with 400 grit. Finish on the piece appears to be inches thick and wet enough to drip off. But it stays put and we are allowed to view (and handle) the finished product up close. I learned a great deal this night. The most important thing was Johns phone number for when I get in over my head on this project.



The evening was concluded with the disassembly of our meeting area.

Respectfully submitted, Lan Brady

Welcome New Members:

Jim Raine
Cynthia Peterson
Ben Markel
Jason Park

Interesting Web Sites:

Here are a couple of interesting web sites you might like to check out. The second has some good videos.

<http://www.conventionaltourners.org/>

<http://www.conventionalwoodturners.org/Videos.html>

Chapter By-Laws:

The Board has recommended some minor changes to our chapter by-laws primarily to bring them up to date. We will review those changes and vote on them at our next meeting.

Photos of the August Instant Gallery

When you bring items for the gallery, please log it in so we can properly assign credit.

Photos by Jim Terry. All photos are the property of PTWA and the individual woodturner. You can see the color versions by going to the On-Line Newsletter and the Instant Gallery on our website <http://www.ptwoodturners.org>



Earl Kennedy – Box Elder Pedestal Box



Linda Michael – Pyrography on Maple Bowl



Linda Michael – Pyrography on Cherry Vase



John Morris – Pine/Walnut Closed Segment Bowl



John Morris – Pine Open Segment Hollow Form



Jack Johnson – Ambrosia Maple Bowl



Bill Oliver – Red Oak/Padauk Bowl



Earl Kennedy – Maple Box



Nim Batchelor – Rosewood Box



Jack Johnson – Cedar Goblet



Nim Batchelor – Rosewood Box



Jim Raines - Walnut Candy Dish



Bill Oliver – Lacewood Bowl



Gary Robinson – Wormy Maple Bowl



Gary Robinson – Oak Spurtle



Jim Tuttle – Black Gum Bowl



Jim Raine – Bloodwood/Purpleheart Candy Dish



Jim Tuttle – Ambrosia Maple Bowl



George Sudermann – Spalted Holly/Ebony Fineal Box



Clyde Mosley – Ambrosia Maple Ikebana



George Sudermann – Myrtlewood Bowls



Doc Green – Apple/Sycamore Pedestal Bowl



Doc Green – Maple Multiaxis Box



Jim Terry – Dyed Ash Lidded Box



Jim Terry – Maple Burl Vase



Jim Barbour – 24” Bubinga Platter & 12” Bowl

Presidents Challenge - Bottle Stoppers



Bert Rau – Inside-Out Stoppers



Bert Rau – Inside-Out Stopper



Jim Yarbrough – Plum Stopper



Jim Yarbrough – Pecan Stopper



George Sudermann – Myrtlewood & Ebony Stoppers



Larry Snead – Apple Stopper



Jim Terry – 6 Dymondwood Stoppers



Jack Johnson – Canarywood Stopper



Cynthia Peterson – Pink Ivory/Ebony Stopper



Doc Green – Ash Stopper



Bert Rau – Large Inside-Out Stopper



Wes Adams – Acrylic w/ Butterfly Stopper

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 Jim Duxbury, Graham, NC (336) 227-7168
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 Bob Muir, Greensboro, NC (336) 638-6012
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**MEETING LOCATION: Leonard Recreation Center (336) 297-4889).
 6324 Ballinger Road, Greensboro, NC 27410**

FROM WEST OF GREENSBORO

Take I-40 East to Exit 212 (Bus-40 Greensboro To Bryan Blvd). Exit is from the right lane.
 At the top of the Exit 212 ramp take Exit 24 (To Bryan Blvd. PTI Airport). You will now be headed north on the new highway.
 Exit the new highway onto W. Friendly Ave. and go left (west) on W. Friendly.
 Go about ¼ mile west on W. Friendly to Chimney Rock Rd. and turn right (north at traffic light) on Chimney Rock Rd.
 As Chimney Rock Rd. parallels the new highway, you will come to the intersection of Ballinger Rd.
 Turn right on Ballinger and go under the new highway. Shortly beyond the overpass Leonard Recreation Center will be on your left.

FROM EAST OF GREENSBORO

Take Bus-40 through Greensboro
 Take Exit 24B (To Bryan Blvd. PTI Airport). You will now be headed north on the new highway.
 Exit the new highway onto W. Friendly Ave. and go left (west) on W. Friendly.
 Go about ¼ mile west on W. Friendly to Chimney Rock Rd. and turn right (north at traffic light) on Chimney Rock Rd.
 As Chimney Rock Rd. parallels the new highway, you will come the intersection of Ballinger Rd.
 Turn right on Ballinger and go under the new highway. Shortly beyond the overpass Leonard Recreation Center will be on your left.

FROM THE NORTH SIDE OF GREENSBORO

Ballinger turns west from New Garden / Guilford College Rd. just north of Guilford College. The following link to Mapquest will detail this area.
 Directions from Bus-40 to Guilford College Rd have been removed since the above directions are much faster from Bus-40.

<http://www.mapquest.com/maps?address=6324+Ballinger&zipcode=27410>

Dues Renewal or Application for Membership Piedmont Triad Woodturners Association

Date _____ **NEW APPLICATION** **RENEWAL**

Name _____ Phone _____ (Home)

Address _____ Phone _____ (Work)

City _____ E Mail _____

Zip _____ AAW membership No. _____

Membership Fee: \$24.00 per year. Dues paid In October each year. We prorate dues if you are joining at other times of the year.
Oct/Nov/Dec \$24.00; Jan/Feb/Mar \$18.00; Apr/May/Jun \$12.00; Jul/Aug/Sep \$6.00.

For those who desire to receive the newsletter via US Mail the dues will be:
Oct/Nov/Dec \$30.00, Jan/Feb/Mar \$22.50, Apr/May/Jun \$15.00, Jul/Aug/Sep \$7.50.

Please make check payable to Piedmont Triad Woodturners Association.
Mail to: Bob Holtje 943 Ridge Gate Dr. Lewisville, NC 27023