



## N E W S L E T T E R



Do not forget to dress up for the GROUP PHOTO SHOOT during our meeting on July 20th. Please wear a RED Club shirt if you own one, or a plain red collared shirt, or a neat but plain shirt of any color (no stripes, plaids or prints). Thanks - see you there smiling

### *Dan Luttrell – Light Weight Hollow Spheres*



Dan's fascination with hollowspheres came when the club challenge was to turn spheres. Having turned spheres before, he wanted to take it step farther. The idea of hollowing came to mind, but how does one hollow a sphere without leaving a hole, and how would one obtain a consistent wall thickness so the sphere would not have a heavy spot?

Well, bringing an older turning concept to play, Dan decided to try turning two thin wall hemispherical bowls and gluing them together. To obtain a consistent wall thickness, and a true spherical shape, he turned the inside first, using a radius gage (see photo below). Now, the outside could be turned, following the inside as a guide.

The chuck spigots on each end could then be removed, safely knowing the inside was a truly spherical shape, and the final outside shaping could successfully take place having the confidence of knowing the location of the inside wall. Dan shoots for a final wall thickness of 1/32 to 1/16 inch, resulting in final weights of approximately 1/2 oz, before piercing

So, what do you do with a hollow sphere? By leaving a "nub" on one end, the hollow sphere can be used as a lightweight Christmas ornament. With care (and some luck), the glue joint can be almost invisible. When it wasn't, Dan tried piercing to remove most of it. Now, by removing the hanging nub, one has a "wiffleball". The wiffleball reminded Dan that, at the Louisville symposium in 2006, J. Paul Fennell entered his Woodturners Wifflebat, so now he challenged himself to reproduce that work of art.

Dan figured that hollowspheres didn't have to be spherical at all, so he "flattened" them; same basic diameter, but only about 1" thick. These "phlatssperes" can be pierced into many different designs. Well, if they can be flattened, why not elongated? So, here comes the "elongasphere". What's next? Stay tuned.



The Radius Gauge – this one is 2-5/8 inches in diameter, to make a 2-3/4 inch hollowsphere. Dan used this about 10 times on each half of the sphere, checking and re-checking to ensure a true inside radius, as well as ensuring that both halves are identical. The more one can think 'hemispherically', the less checking will be required. It can be made to suit the diameter of the stock on hand the 1st time a hollowsphere is made, and then can be used over and over again. Don't forget to 'round' the outside diameter so there is only point contact inside the hemisphere.



What appears as a perfect but large egg cup is a very thin wall hemisphere sitting on a base that is the scroll chuck dovetail. At the right, it is attached to the other half. They are glued together with wood glue. White glue is used for light colored wood, yellow for medium color wood. The joint is a simple butt joint. If the assembly is to be removed from the lathe tape is used to hold the two halves in place and to hold the pressure provided by the lathe tail stock.



When dry, the assembly can be remounted and the chuck spigots removed, with final shaping completed by power sanding



Dan moved on to making a 'phlatssphere' that he uses to make ornaments. The phlatssphere halves, as shown here (note: in the photo to the right), are mounted to hardwood, Morris taper, glue chucks, which can be used over and over again. The piercing process is not part of this demo.  
Stay tuned.



The photos below show hollowspheres and phlatsspheres used as tree ornaments. The first photo is Dan's first attempt at making one from green wood. This one, a cherry burl, has warped nicely, as one would expect, and the glue joint did stay together.



To make the spheres and phlats into an ornament, Dan added a knob before parting off the lathe. This knob is used to add a simple wire eyelet to hang the ornament. The eyelet is made by twisting a length of light (20 or 22 gauge) wire around a smooth round tool rod (nails and small drills) several times to form a tail about 3/8 inch. After the excess wire is snipped off the tail it is glued into a 1/32 hole in the top of the knob. The light weight wire of several colors can be found in the beading sections of several local stores. Dan uses enameled wire salvaged from old transformers, solenoids, or other magnets. (See photo)



## 4-H CLUB DEMONSTRATION

Lee Scarbrough went with a team of our woodturners to Holiday Lake 4H club, located in Appomattox/Buckingham State Forest on June 20th to teach Campers how to turn a bowl. We have done this at Holiday Lake for about 7-8 years. It is a pleasure to do this and the campers and faculty enjoyed it also. We hope to continue this for many years to come.



We took 8 lathes and taught 12 campers and 1 staff member how to turn a bowl. Members coaching campers were: Lee Scarbrough, Dan Luttrell, Deane Cox, Ray Deyo, Robert Gundel, Bill Buchanan, Rollie Sheneman and Jim O'Hanlon.

We are traveling to Wakefield's Airfield 4H club on July 25th. If interested in joining us, see me at club meeting.



Dear Richmond Woodcrafters:

Thank you to your group for being part of this year's Forestry Camp team. Your class is always a big hit with the campers, who love being able to take home their results. More than one camper over the years has told their parents that they need to get a lathe! We are so grateful for all of you who shared your time, talent, energy and expertise with the campers.

Please share this note with all who helped, and we hope you will join us again next year!

Sincerely,

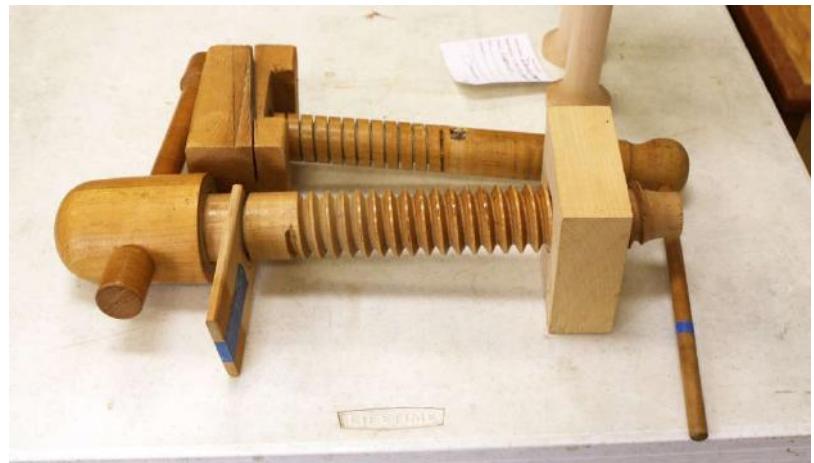
Ellen Powell, Virginia Department of Forestry

## SECOND QUARTER CHALLENGE

A TURNING WHERE ONE PIECE FITS INTO  
ANOTHER (NOT PERMANENTLY GLUED)



CHUCK MOSSER – MAPLE/ANGELIQUE,  
LACQUER, 3" X 6", TOY TOP



BOB MARCHESE – MAPLE, UNFINISHED,  
2"-3" X 18", BENCH SCREW WITH NUT  
AND 2" TAP



DAN LUTTRELL – WALNUT/MAPLE, LACQUER,  
21" X 8", TITLED "MALE AND FEMALE"



DAN LUTTRELL – MAPLE, OLIVE OIL,  
1-8 UN 2B X 2 3/4" LONG, HEX BOLT,  
NUT AND WASHERS

SHOW AND TELL



GEORGE PATSKAN, OAK, ELM, CEDAR,  
AND ROSEWOOD, LACQUER, 8" X 4"



BOB SILKSEN - MAPLE, SPRAY LACQUER,  
2" X 8" WIDE, BASKET ILLUSION



BOB SILKSEN - ELDER, SPRAY LACQUER,  
2" X 7" WIDE, BASKET ILLUSION



ROBERT GUNDEL -- MAPLE BURL,  
BUFFED & WAXED, 6" X 7" WIDE

R I C H M O N D   W O O D T U R N E R S

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CHUCK MOSSER - MAPLE, BLM,  
3½" X 5¼", 3 PART BOX



GEORGE PATSKEN - ASH, FRICTION  
POLISH, 3" X 1¾", FIRST TRY AT A BOX



BETSY MACK - CEDAR, CA, 3½" DIA X 4"  
WIDE, AMT GUARD



NED ROBERTSON - POPLAR, TUNG OIL,  
9½"

R I C H M O N D   W O O D T U R N E R S

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NED ROBERTSON - CHERRY, TUNG OIL,  
8½"



DICK HINES - BIG LEAF MAPLE,  
WATCO OIL, 4" X 8"



UNKNOWN, MISSING TICKET



UNKNOWN, MISSING TICKET



STEVE SCHWARTZ - ASSORTED,  
UNFINISHED, VARIOUS – 3½" TO 2¾"

R I C H M O N D   W O O D T U R N E R S

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ROLLIE SHENEMAN - WALNUT,  
WAX, 13"

ROLLIE SHENEMAN - WALNUT,  
WAX, 2½" X 5½"



TERRY MOORE – MAPLE AND WALNUT,  
GENERAL/MIRROR RESIN, 10¾" X 5"



BILL JENKINS – SACK BACK  
WINDSOR, PAINT

New features on our website:

### Turning Services

From time to time, the club officers get unsolicited emails asking if there are any members interested in turning one or more pieces. It could be a spindle for a broken heirloom chair, a bowl from a tree on family property, balusters or even a new product prototype. Often not knowing who does what we can only invite them to a club meeting or try to send an email to the entire club. For members in good standing we are now offering space on our website where we can direct inquiries. If interested, please send information to our Webmaster Stan VanDruff. It should include your name, contact information, website if you have one and the type of services you offer.

### Gallery

Member Photo Galleries on the Richmond Woodturners Website - it's a good place to have photos of your work if you are offering turning services.

The Richmond Woodturners website (<http://richmondwoodturners.org>) has an exciting new feature: individual member galleries. If you are a member, you can have a gallery page devoted exclusively to your turnings. Michael Hyland, one of our newest members is the first to take advantage of this opportunity. To see his gallery, visit the main photo gallery and scroll to the bottom, or use this direct link:

[http://richmondwoodturners.org/galleries/michael\\_hyland.shtml](http://richmondwoodturners.org/galleries/michael_hyland.shtml)

If you would like to join Michael in having your own gallery page, contact Information Manager Stan VanDruff at [amaluthier@gmail.com](mailto:amaluthier@gmail.com). Our galleries are not self-serve like Instagram or Flickr, but Stan will take 6–24 of your JPG or RAW photos, edit/crop them as needed, and create a page for you. Photos should be well-lighted, sharp, and as large as possible. If you don't have your own photos, but have some of your turnings in the Show-and-Tell galleries, let Stan know which photos they are and he can build a gallery from them. If you ask nicely, Ray Melton might be willing to photograph additional turnings for your new gallery.

SHOW-AND-TELL PROCEDURES, A REMINDER!

To enhance our monthly Show-and-Tell, turners will complete an identifying tag for each turning. Blank tags (example below) will be available on the Show-and-Tell table. The filled-out tag will accompany the turning throughout the evening and accomplish several objectives:

- a. Help the photographer identify the turner of each piece thereby giving all members the appropriate credit deserved in the newsletter and on the web site,
- b. Streamline this portion of the meeting leaving more time for demos and discussion,
- c. Streamline distribution of lottery tickets,
- d. Make it easier for fellow members to identify the turner of a particular piece for questions and conversation during the evening, and
- e. Through a new opportunity to exclude Show-and-Tell pieces from the presentation process, help expand the number of items shared each month, control the time allotted for presentation and help our newer members and/or turners share their accomplishments within a personal comfort zone.

Here is the process we ask all members to support:

- 1) Upon arrival with a Show-and-Tell piece, the turner will fill out a tag for each turning. Tags will identify the turner, wood used, finish, and optional comments such as a title, technique, or collaborator's name. If the turning is not to be included in the presentation (the "Tell" portion), simply check the "display only" box.
- 2) The turner will then take the piece with its associated tag to the photographer.
- 3) The photographer will take a picture; write the picture number on the tag, then give the turner a lottery ticket.
- 4) The turner will place the turning on the Show-and-Tell table with the tag close by. If the tag can be put inside the turning, this will help keep the process organized.
- 5) When it is time for the Show-and-Tell presentations, designated helpers will bring each turning (not marked as "display only") to the front of the room.
- 6) The turner will stand in place (at their seat) to talk about their piece. To help control this segment of the meeting, if multiple pieces are shared, select one to present to the group.
- 7) At the end of the presentations, a lottery ticket winner will be drawn and announced.
- 8) At the conclusion of the meeting, please return the tags to the photographer.

We are very excited to see a definite growth in Show-and-Tell participation and hope everyone appreciates this minor change to the process, which will provide room for expansion and leave more time at the meeting for technical presentations.

Thanks for your support.  
RW Board of Directors

Show-and-Tell	
Turner's Name:	_____
Wood (specie):	_____
Finish:	_____
Size:	_____
Comment:	_____
<hr/>	
<input type="checkbox"/>	Display piece only

UPCOMING 2017 DEMONSTRATIONS

July: Having a few hundred of your closest friends over for a bar-be-cue and need a salad bowl large enough to feed them? Amos Peterson of the Tidewater Turners will be on hand to demonstrate his "Big Azzed Bowls. Join us to see how Amos makes those beautiful gi-normous bowls fit for your summer parties.

And coming in August - Cool Tools

Sept – TBD Steve Schwartz may be well enough to demo turned boxes.

THIS IS MY SHOP – TERRY MOORE



Terry Moore is very proud of his shop. He feels that much is to be gained by sharing it with his fellow woodturners.

FROM OUR PRESIDENT

When I sit down to write a monthly message, I usually try to come up with a theme. This month, I couldn't decide between the expression "necessity is the mother of invention" and the movie "The Good, Bad and the Ugly". Perhaps there's a little of both. Continuing on my journey to create a thin wall vessel from partially dried maple I mounted a piece of 6" x 6" x 8" onto my Shopsmith. As many times as I've heard the question "how fast are you turning?", either I wasn't listening because I was never going to turn a piece that big or no one asked the question when the piece was first put on the lathe. The lowest speed on my Shopsmith is 700rpm and I can tell you quite definitively that at that speed, a square that size will make it look like a bucking bronco. I now know that 100rpm is more appropriate even if unachievable without a gear reducer. But, I sliced off the corners on the band saw as best as I could, remounted and with a hand plane and the lathe off finally got it round enough to stop the bouncing. From then on, shaping and sanding the outside was rather routine.

Then came the fun part; trying out my new articulating arm for hollowing. I still have a lot to learn but if the bouncing was the ugly or bad and the mother of invention, this was the good. In relatively short order for me, I was able to get pretty close to my vision. I could tell that indeed there was still plenty of moisture in the interior which I later learned could have been better controlled with the use of a plastic bag while unattended. I thought too that I was thin enough for my piercing experiment so I ventured into sanding the inside. After a few bouts with sore and bruised knuckles trying to get to the bottom I saw an opportunity to do something I always enjoy – making a tool or two. I had the sanding attachment for a hand drill, and found a couple of pieces of  $\frac{1}{2}$ " aluminum rod to fit my new arm. After drilling and taping a few holes I now had what I call "sanderson helpers". One for the bottom and one for the sides.

Once parted off and finished with the bottom, I was off to try out my piercing. I soon realized that thin enough wasn't really but was able to struggle through to the finish line. Not my best piece, but show and tell here I come. Reflecting on what I did accomplish only made me more determined to do better next time. I've watched a few hours of You-Tube and DVDs to better approach thinner walls and deal with post turning cracks.

A few pictures of the work in progress:



Happy and Safe Turning,

Bruce

FROM OUR PEN TURNING FRIENDS

For our July meeting, Cody Walker described and demonstrated his process for making "kitless" fountain pens. Purchasing only the metal nib, feed, and housing Cody is able to fully customize the three main components of the pen – the section or the part that hold the nib housing, the lower barrel, and the cap. His material of choice is Alumilite as he can cast the blanks himself in a wide variety of colors and the material is quite easily threaded with taps and dies. For the demo, he cast clear material for the group to better see what goes on in the process. The blanks are first turned round between centers.

The first piece made is called a section. This requires multiple steps of drilling and tapping threads. The end that screws into the lower barrel is first threaded with a m10 x .75 die. Following a short hole drilled to accommodate the convertor (ink delivery system) the piece is reversed and step drilled and tapped to accept the nib housing.



A rough section fitted with nib, housing and ink convertor



The second piece is the lower barrel. This step involves drilling deep enough to hold the ink reservoir, tapping female threads to accept the section made in step one and cutting male threads for the cap. Finally, the cap is made by drilling deep enough for the nib to clear the top followed by tapping the female threads to mate with the lower barrel. With all the holes drilled and threads cut the final shape of the pen is turned

Lower barrel with drilled and tapped section ready for nib housing



Cody's Kitless Fountain Pen – Best in Show 2017 Richmond Woodturners Competition



TOOLS WE OWN TO LOAN TO OUR MEMBERS



Chatter Tool



Skewchigouge



Spiral/Texture Tool



Hollowmaster





Miniature Spiraling Tool



Thread Chasing Set



Part of Thread Chasing Set.

## UPCOMING EVENTS

October Sept 29 - Oct 8, 2017 – State Fair of VA  
Richmond Woodturners will have a booth with live demonstrations – See Bruce Robbins

October 7 - Makerfest 2017 – Richmond Science Museum – Richmond Woodturners will have a booth with live demonstrations – See - TBD

October 27 - 29 Mid Atlantic Woodturners Association Symposium – see below

## 2017 Challenges

3rd Qtr: Turn something out of a tree branch less than 3" is diameter

4th Qtr: Turn a mixed media piece (must be primarily wood but includes other media (i.e.: polymer clay, metal, glass, anything)

## Mid Atlantic Symposium

Planning for the 2017 Mid Atlantic Woodturners Association Symposium is well underway with this year's event scheduled for October 27, 28 and 29th at the Lancaster, PA Marriott Hotel. We have a wonderful slate of professionals lined up for this event. Demonstrators include:

- Stuart Batty
- Cynthia Cardon Gibson
- Ashley Harwood
- Avelino Samuel
- Curt Theobald
- Hans Weissflog
- Jakob Weissflog

Registrations for the Symposium will open in early April. Please watch for future email updates, or like us on Facebook at <https://www.facebook.com/MAwoodturners> or <http://www.mawts.com/>

Looking forward to seeing you there!

Please also remind your members that we will need volunteers to help staff the event. Contact Ron Sheehan, Volunteer coordinator if you are able to help in any way. Ronsheehan39@gmail.com

Ron Sheehan

**RICHMOND  
WOODTURNERS  
QUARTERLY CHALLENGE**

The Challenge will now be regularly scheduled for the third month of each quarter (March, June, September, and December) with the subject announced at the beginning of each quarter and included in the newsletter. Entries will be placed on a table separate from the Show-n-Tell.

**July Snacks & Drinks**

Georgia Wood	ice/cooler
Joanne Fischer	liter of Diet Coke
Matt Baker	decaffeinated liter of Coke
Matt Pellman	liter of Coke
Megan Shogren	liter of Pepsi
Mike Holmes	cookies
Mike Squier	salty snack
Ned Robertson	salty snack
Nelson Wright	sweet snack
Philip Duffy	sweet snack

You can switch with someone if you are unable to bring those items for the month assigned.

**Visitors**

Tristan Kusar-Ehrens  
Midlothian

Adrian Bishop  
Norfolk, England

Bob Spears  
Richmond

**New/Returning Members**

Ed Canada  
Sandston

**Meeting Schedule**

July	7/20/2017	January	1/18/2018
August	8/17/2017	February	2/15/2018
September	9/21/2017	March	3/15/2018
October	10/19/2017	April	4/19/2018
November	11/16/2017	May	5/17/2018
December	12/21/2017	June	6/20/2018

2017 Elected Board



Left to right – Front Row: Stan VanDruff, Georgia Wood, Bob Marchese, Chuck Bajnai

Back Row - Bill King, Cody Walker, Dan Luttrell, Bruce Robbins, John Anderson

President: \_\_\_\_\_ Bruce Robbins

1st Vice President: \_\_\_\_\_ Bill King

2nd Vice President: \_\_\_\_\_ Georgia Wood

Treasurer: \_\_\_\_\_ Cody Walker

Secretary \_\_\_\_\_ John Anderson

Newsletter \_\_\_\_\_ Bob Marchese

Resource Manager: \_\_\_\_\_ Chuck Bajnai

Membership Manager: \_\_\_\_\_ Dan Luttrell

Information Manager: \_\_\_\_\_ Stan VanDruff

Past President Board Members:

Dick Hines

Lee Scarbrough

Jim Bumpas

Dan Luttrell

Committee Chairpersons

Barbara Dill      Chairperson of the AV committee

Jim O'Hanlon      Chairperson for the Turning Competition committee

Financial Report

Balance .....\$9440.55

For sale or trade

If you have any items to list in the For Sale or Trade Section,

Please email me at [forsale@richmondwoodturners.org](mailto:forsale@richmondwoodturners.org).

Please remember that each item needs a description, price, city, seller's name and contact info (phone/email).

You can include pictures if you like. They will run 1 month unless notified to "re-run".

## **AAW Membership:**

Experience the remarkable world of woodturning with the American Association of Woodturners (AAW). With the largest portfolio of woodturning-related material in the world, AAW is the go-to source for woodturners of all skill levels. A membership with the AAW can help you learn and thrive in your woodturning experience, as well as connect with others who share your passion.

General: \$60 annually worldwide

Family: \$65 annually worldwide

Includes up to three family members who live in the same household.

<http://www.woodturners.org>

## **OPERATION CHRISTMAS CHILD SPINNING TOPS**

Thanks to all who turned tops.  
For 2016 we turned in 1,330  
Let's get started for 2017.

Here is a link to a video to show just how easy they are to make if interested....

<http://youtu.be/UWpV9dBpbME>

## **RICHMOND WOODTURNERS INFO**

Dues: \$25 individual, \$35 family & \$15 student. Member applications are available upon request at meetings or via email.

Library: Contact the club librarian to borrow tapes and other publications related to woodturning. The list is on the website. Lose it and you bought it.

Website: [www.richmondwoodturners.org](http://www.richmondwoodturners.org) Updated regularly and contains links to other VA clubs.

We meet at the Woodcraft Store - 9862 West Broad Street, Glen Allen, VA 23060

On the 3<sup>rd</sup> Thursday every month.



**Where we meet:**

Contact the store at [804-355-3945](tel:804-355-3945)

Fax: 804-355-2532

Email: [richmond-retail@woodcraft.com](mailto:richmond-retail@woodcraft.com)

9862 West Broad Street  
Glen Allen, VA 23060

Organizations such as the Richmond Woodturners, Pentuners and carving clubs would not exist if it weren't for the kindness of their sponsors. We are blessed to have the Richmond Virginia Woodcraft store supporting us and our activities. Because of this, the Richmond Woodturners might still only be an idea.

Please remember this and support them at every opportunity!

For the classes provided at this location see: <https://www.woodcraft.com/stores/richmond/classes>  
Look for classes taught by Ray Deyo, Clark Brummett and David Sterling

**FOR SALE/TRADE**

I had several trees cut down last week. One was a pretty large holly, which I'm going to have sawn to boards, then dry it, and hope to find uses. Everything else got chipped and hauled away, except for a smallish spalted maple. What I'd like to do is to trade the 5 Maple logs to a turner for one bowl made from the larger log. I have sealed the ends so they won't dry out too quickly.

The logs are: 5" to 7" at the smaller end, all between 2' and 3' long. Sorry I can't attach a picture to this email for some reason. But if anyone is interested I think I can attach one to a text message.

I live in northern Chesterfield County (more or less Bon Air) and I work in Doswell. The logs could be picked up in either place, or I can bring to a spot somewhere between, around 5:30 on weekdays.

If you know of anyone who might be interested, I hope you'll pass along the info.

Thanks, Dick Levy, [relevy1@verizon.net](mailto:relevy1@verizon.net), phone (not after 9:30 p.m, please. 804-356-2031)

FOR SALE

Dave West  
10118 Forrest Patch Dr.  
Mechanicsville, VA 23116  
Phone # 804-814-4964  
[dw.nuadvn@yahoo.com](mailto:dw.nuadvn@yahoo.com)

Shop Parts List Available for Sale

Hose connectors and sections of hose

5 wyes @ \$4.50 ea.

5 tees @ \$4.50 ea.

2 ells @ \$4.00 ea.

4 hose splice connectors @ \$3.00 ea.

7 hose band clamps @ \$0.75 ea.

15 hose wire clamps @ \$1.00 ea.

1 piece of hose 10 ft. long @ \$15.00 (new in box)

3 pieces of hose 8–10 ft. long, call for price

2 pieces of hose 4–6 ft. long call for price

Dust collection accessories

12 x 12 Table Saw Collector \$5.00

8 x 8 Joiner Collector @ \$3.00