



Chucking Options

Dick Hines, Ray Deyo, Jim Bumpas, Bruce Robbins, Dan Luttrell, and Jerry Fisher



The March meeting focused on chucks of various types. Here is Dick Hines explaining how a vacuum chuck works. Various vendors have ready-made vacuum chucking systems available, but you can also--without too much trouble--build on your system since the individual parts can either be purchased or, with the exception of the pump, made.



Ray Deyo demonstrated how to make a jam chuck and the principle behind it. By forcing a slightly oval-shaped bowl (a shape it automatically begins assuming when it's done) into a tight round groove, the tension exerted by the oval shape will keep the bowl lodged in the groove. When you work with larger bowls, you might want to

provide extra support by taping the bowl to the chuck, as well. Needless to say, it's advisable to take light cuts—towards the center of the foot—when using a jam chuck.

Jim Bumpas is talking about how best to turn the foot on hollow forms and deep vases. Jim tends to use a wide PVC vacuum chuck (but not using vacuum pressure) to accommodate the neck and shoulder of a hollow form and then securing the bottom with the tailstock. There are other ways: you can buy or make a mandrel with conical pad that reaches to the bottom of the vessel and one that slides on from the top to secure the neck (and again, to be secured by tailstock). Or, as Jim showed, you can easily turn a conical friction chuck that fits into the neck of the hollow form or vase.



Jerry Fisher show how it's possible to turn small items from scraps by gluing them on a tenon. This is a great way of dealing with small, creative pieces.



Dan Luttrell brought in a Longworth chuck, which is essentially a home-made, large "Cole Jaws." Plans for making one are easily found on the internet. Some of the same concerns that apply to jam chucks come into play here: light cuts towards the middle of the foot, securing large bowls with tape.



Dan also introduced a nifty, rarely seen chuck: a machinist chuck with independent jaw adjustment. This allows you to hollow off-center by merely moving the blank in the jaws.

The Dempsey company on Leigh Street, which only deals in used machinery, should have them. One problem: Dan's chuck had $\frac{3}{4}$ "x 16 tpi threading, which would require you have a transition piece made in order to use it.



Bruce Robbins talked about collet chucks that are made to grasp small, dowel-type tenons well below the capacity of regular chuck jaws. Collet chucks fit onto a hub and you tighten them either by hand or a wrench. This is the ideal chuck for bottle stoppers and the many types of smaller "projects" that the catalogs are full of.

RW SPOTLIGHT TURNING BARBARA DILL



Barbara Dill lives a few miles north-east of Short Pump, almost as far into the woods as Little Red Riding Hood's grandmother. Here she has her own workshop with two Powermatic lathes, band saw, chain saw and cat.



She is famous for her multi-axis work.



Multi-axis work can take many shapes, and she likes to go off in unexpected directions, as you can see in these two pieces. The AAW's journal featured one piece in this series some time back.



The last few days, Barbara has been working on a multi-axis box, this one in eastern cedar. At a convenient time, she will demonstrate how she makes them, at a club meeting.



Larger multi-axis pieces will generate quite a bit of vibration, forcing you to lower your speed. To allow for higher turning speed and cleaner cuts, Barbara has built a balancing "chuck." It's made from MDF. On the back, it has a tenon with a hole big enough to allow a spur drive (furnished with an extension sleeve) to protrude through the MDF and hold the off-centered piece against the tail stock. By adding or removing bolts of various weights as counter-balance, the turning process is markedly improved. As the work progresses, the counter-balance will need to be readjusted. At the April club meeting, She will bring her "chuck" and show you up close how it works.



Barbara's workshop is a cornucopia of experimental pieces in various stages of completion. Some of you will recognize her innovative tea pots in this picture from the pages of the AAW's magazine.



S H O W and TELL



Ray Melton
Spalted Maple soap/lotion dispenser



Rollie
Oak & Maple



Joanne Fisher
Ambrosia Maple



Chuck Mosser
Oak burl

S H O W and TELL



Jim Zorn
Pen



Deane Cox
Curly maple & Cedar



Bruce Robbins
Pool Cue Pen
Keylime Pie Pen



Jim Bumpas
Norfolk Island Pine
Soaked in boiled linseed oil, to be finished with poly

S H O W *and* **T E L L**



Robert Gundel
Spalted Beech Vase



Ron Bishop
Cherry Egg Vessel



Jack Hayes
Maple Burl Bowl



Dan Luttrell
Norfolk Island Pine

S H O W and TELL



Dan Luttrell
Christmas Ball
Wormy Persimmon



Bob Silkenson
Walnut



Cherry Bowl with mahogany egg



Ray Deyo
“Gerry’s Gavel”
Curley maple with Brazilian Rosewood accents

E d i t o r s p i c k



Bruce Robbins
Pool Cue Pen
Keylime Pie Pen

T i p o f t h e M o n t h

Tip

When you need to borrow money, borrow from a pessimist. He won't expect it back

cornucopia

noun cor·nu·co·pia \,kór-nə-'kō-pē-ə, -nyə-'\

: a container that is shaped like a horn and is full of fruits and flowers

: a great amount or source of something

Richmond Woodturning Competition & Exhibition

A CALL TO ARMS:

We are looking for strong support from all club members at our annual Turning Competition Saturday, April 25th. It's a perfect opportunity to promote the club, expand our membership and demonstrate to the public what can be done on the lathe. Regardless of your experience level, please help by participating. Remember, there is a class for everyone. Judging and displays are anonymous and you don't even have to compete – just lend your support by putting in a few pieces for display only. After the club meeting there will only be **one more week to get your entries in**. Entry Forms, categories and rules can be found on "Richmondwoodturners.org" – just click this link. <http://www.richmondwoodturners.org/competition2015.shtml>

We also have a day of demos planned throughout the competition. Here's the schedule:

10am – Inserting Rings and Inlays

11am – Turning Bangles

12pm – A Unique Birdhouse

1pm: Candlesticks

2pm: Goblets with Captive Rings

3pm: Bowl Turning



I look forward to seeing everyone there and thanks for your anticipated support.

Lee Scarbrough – Committee Chairperson.

F r o m o u r P r e s i d e n t

A good friend recently gave me a rather large and beautiful piece of cherry burl. It had been a while since turning a substantial piece and I was looking forward to it, but had to complete a few turning obligations first. This burl was the type of wood that calls your name every time you walk into the shop or you try to predetermine what the perfect shape will be. Anyway, the time came and it was finally mounted on the lathe.

I am sure you can appreciate what is necessary to make something like this round: the pounding because your tool isn't set right; the bark and chips hitting your facemask, arms or chest (but only periodically because it isn't round yet); the vibration in your lathe until you find that sweetspot for an unbalanced piece of wood. But, it eventually becomes round, the speed increases, shavings are flying over your shoulder and you are having a great time!

With the steady rest attached and core drilled out, I happened to glance at the piece and saw a flaw in its shape. If I took a little more out of the center, it would be just about perfect. And that's when it happened. Those few more cuts exposed a dark spot which only became larger with each additional cut. Deciding to change the total shape, more cuts were taken and more defect surfaced.

Eventually, I had to make the disappointing decision to add one more piece to the burn pile.

I could have reached for the turner's universal stabilizing agent (super glue) and saturated the bad areas. Or, I could have continued as if it weren't there and have voids in the side when finished (which would have sponsored the "How did you ever do that?" question). But, in the end the decision was made to stop. Why would I spend several days on a project knowing the end result would be unsatisfactory to me - even with the reward of answering the "How did you do that?" question.

When working on your future pieces, be selective - even if you are a beginner or just practicing. Fixing an end-check, embellishing a piece with colored filler or taking on a challenge because of what Mother Nature offers can be a good thing. But, if the end result won't be attractive or won't become a personal satisfaction, move on to something else. There is far more wood than time to turn. My personal rule of thumb is, if the piece has to come with an explanation or an apology, it isn't worth turning.

Be safe and happy turning.

RAY

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

Upcoming Events

2015 Symposium Registration is Now Open

Early Bird Registration

Through May 22, 2015

Members \$325

Non-Members \$385

Spouse/Partner \$185

- **Add: Woodturning Celebration Dinner \$49 each***: Saturday, June 27, 6:00 to 7:30 p.m. Ticketed event. (See details in column two.)
- **Cancellation Policy:** For cancellations through May 22, 2015, a \$75 processing fee will be deducted. After that date, the registration fee is non-refundable except for medical emergency.



Regular Registration

May 23 to June 20, 2015

Members \$350

Non-Members \$385

Spouse/Partner \$185

- **Add Woodturning Celebration Dinner \$59 each***: Saturday, June 27, 6:00 to 7:30 p.m. Ticketed event. (See details in column two.)
- **Cancellation Policy:** For cancellations through May 22, 2014, a \$75 processing fee will be deducted. After that date, the registration fee is non-refundable except for medical emergency.

North Carolina Woodturning Symposium

Biennial Regional Symposium

November 6th - 8th, 2015
Greensboro, NC

More info at

<http://northcarolinawoodturning.com>

**RICHMOND WOODTURNERS'
ANNUAL TURNING COMPETITION & EXHIBITION
APRIL 25, 2015**

Hosted by



9862 W. Broad St., Glen Allen, VA 23060

Woodcraftrichmond@verizon.net

804-355-3945

CATEGORIES
Bowl

Hollow Form (vessels and ornaments)

Lidded Box (Turning with removable lid or top)

Mandrel (Pen, Atomizer, Magnifying Glass, Etc.)

Spindle (traditional and eccentric, goblets and scoops)

Free Form (artistic and non-functional)

Turned and embellished (carved, burned, textured, colored, Etc.)

Exhibition Only (Not Judged)

ELIGIBLE CLASSES

Youth - Under 18 years old

Adult Novice – (Any apply) turning less than 6 years, turned less than 50 pieces; still learning the basics; prior Youth Best of Show ribbon winner

Adult Experienced- (Any apply) prior Novice Best of Show ribbon winner; turned more than 50 pieces; comfortable with turning techniques; demonstrator at club events; may sell at craft shows

Expert/Professional – (Any apply) prior Advanced Best of Show ribbon winner; serious turner with extensive experience; teacher of turning techniques/classes; demonstrator at major events/symposia; sells pieces at art shows/galleries; works displayed/published in national magazine

For more information and rules, click the link below
<http://www.richmondwoodturners.org/competition2015.shtml>

Calendar for Richmond Woodturners

January meeting

1/15/2015

February meeting

2/19/2015

March meeting

3/19/2015

April meeting

4/16/2015

May meeting

5/21/2015

June meeting

6/18/2015

July meeting

7/16/2015

August meeting

8/20/2015

September meeting

9/17/2015

October meeting

10/15/2015

November meeting

11/19/2015

December meeting

12/17/2015

Visitors/New Members

1st Time Visitors

Dick Webb

New Member

Laszlo Szerenyi

Cody Walker

Chuck Bajnai

1st Quarter challenge winners

(There was a tie)



Bill King



Jim Bumpas

**2015 Dues are
Past-due!
Please see Dan
Luttrell this
month**

2nd Quarter Challenge due 6/18

Turn a piece of jewelry (earring, broach, necklace, ring, etc.)

Free, For Sale or Trade

Jet lathe model JWL 16" x 42" 1 1/2 HP with chucks, turning tools and 8" bench grinder \$895.
12" craftsman table saw \$75.

Call Mrs Jim DeLesDernier [804-741-0059](tel:804-741-0059)



JET 1220VS Lathe, New is over \$700,

•Used - approx. 5 years, 120V, haven't used it much the past two years.

•Includes accessories shown, extra round tool rest, four steel face plates, drive spur, live center for tail stock.

•Willing to add in 5 short handled lathe tools, parting tool, skew, gouge, and two scrapers.

The VS is for variable speed control, it has a three position belt and pulley system but is variable on whatever position you choose from less than 500 RPM's up to over 3000 RPMs. Rated on Amazon as one of the best mini lathes on the market. Asking **\$490**

Contact Bob Silkensen by email at bsilk@cox.net

Gerry Campbell receives his gavel



In a long standing tradition of the club, Gerry Campbell was presented a gavel marking the end of his role as President of Richmond Woodturners. Jerry held his position from January 2013 through December, 2014. The entire club thanks Gerry for the time and dedication given throughout his tenure.

Richmond PenTurners

Richmond PenTurners News

On May 1-2 Richmond PenTurners and Richmond Woodcraft will host the third annual Mid-Atlantic PenTurners Gathering. This is a free event featuring demos, talks, contests, vendors, many door prizes and a Pizza lunch on Saturday. Past years have attracted more than 100 participants from all over the US and Canada. This year's featured guest and demonstrator is Kurt Hertzog – the current national AAW president and an avid penturner.

For more information and registration visit <http://www.midatlanticpen.com>
(Registration used for head count and name tags only)

Schedule:

FRIDAY - MAY 1	
7:00 - 9:00	Vendors open
7:15	Show off your Pens
7:30	Kurt Hertzog (AAW President) - "Making your Pens Unique"
SATURDAY - MAY 2	
9:00 - 5:00	Vendors open
10:00	Kurt Hertzog (AAW President) - "Making a Stick Pen"
11:00	Barry Gross (2bgross) - "On Tube Casting"
12:00	Pizza Lunch
1:00	Charlie Wortman (Charlie_W) - "Turning between Centers and more"
2:00	Roy Robaldo (OKLAHOMAN) - "How to Upgrade a Nib, Fill a Pump, and Basic Tuning"
3:00	Bill Walters (bill walters) and Bruce Robbins (BRobbins629) - "The Incredible Threading Machine"

Richmond PenTurners meet at Richmond Woodcraft on the second Thursday of odd months at 6:30 - ?. Next meeting May 14th featuring Bill Walters painting pens.

Financial Report**Balance** **6,849.79****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. Members attending the meeting that evening will select the Challenge winner by popular vote. Voting will be accomplished by placing a token (provided on the table) in the cup (also provided) for the entry of your choice. The winner will have the opportunity to speak about the piece, how it was made, type of wood, any special processes or finishes used, etc. It's a change to have a little fun and get everyone involved one way or another.

April Snacks & Drinks

(Colin Smith)	Ice 10 lb bag with cooler
(Dan Lutrell)	Two 2-Liter Diet drinks
(Dan Fritz)	Two 2-liter Regular drinks
(Dave Thomas)	Two 2-liter non Caffeine drinks
(David Sterling)	Sweet Snacks (Cookies, etc)
(David Haywood)	Sweet Snacks (Cookies, etc)
(David Gray)	Sweet Snacks (Cookies, etc)
(David Ridderhof)	Salty Snacks (P-Nuts, etc)
(Deane Cox)	Salty Snacks (P-Nuts, etc)
(Dick Hines)	Salty Snacks (P-Nuts, etc)

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

May Snacks & Drinks

(Don Roe)	Ice 10 lb bag with cooler
(Don Hayes)	Two 2-Liter Diet drinks
(Don Alexander)	Two 2-liter Regular drinks
(Don Hart)	Two 2-liter non Caffeine drinks
(Doug Dompkowski)	Sweet Snacks (Cookies, etc)
(Doug Muray)	Sweet Snacks (Cookies, etc)
(Doug Dill)	Sweet Snacks (Cookies, etc)
(Doug Miller)	Salty Snacks (P-Nuts, etc)
(Ed Wood)	Salty Snacks (P-Nuts, etc)
(Galen Rice)	Salty Snacks (P-Nuts, etc)

2015 Elected Board

<u>President:</u>	Ray Deyo
<u>1st Vice President:</u>	Aage Rendalen
<u>2nd Vice President:</u>	Joann Fisher
<u>Treasurer:</u>	Jim Bumpas
<u>Secretary</u>	Phil Duffy
<u>Newsletter</u>	Ray Melton
<u>Resource:</u>	Jerry Fisher
<u>Membership Manager:</u>	Danny Luttrell
<u>Information Manager:</u>	

Past President Board Members:

Dick Hines
Lee Scarbrough
Mike Lane
Jim Bumpas
Dan Luttrell
David Sterling
Gerry Cambell

Show and Tell

I hope you are enjoying the new format for the show and tell. When filling out your “ticket” please include your name, type of wood, and any description you would like. Also if you have small items such as ornaments or pens, feel free to bring a stand with you so that they will photograph better

For sale or trade

If you have any items to list here, please email me at raym@htrs.com. You can include pictures if you like. They will run 1 month unless notified to "re-run"

Committee Chairpersons

Barbara Dill Chairperson of the AV committee.
(That committee is responsible for the camera changes in process.)

Lee Scarbrough Chairperson for the Turning Competition committee

Upcoming Demonstrations

April's Demo: Dealing with vibration by means of steady-rests, counter-weight, sand-bagging, etc.

May: Turning tops on all available lathes, teams maybe even competing.

June: Bill Rynone, a Ph.D. who taught engineering at the Naval Academy at Annapolis will talk about design, especially in the context of architectural turnings, such as balusters. He loves to fly his own airplane and will give his presentation free of charge.

July: We are tentatively thinking about a demo on making bracelets and pendants.

From the editor

Woodturning Competition



In just about every sport or past-time that we participate in, it can be just for fun or we can compete for fun or professionally.

Football, Baseball, Basketball, Fishing, Skateboarding, Bowling....the list goes on and on. Sometimes it is good to engage in something just for fun but to me it is more exciting to participate in any sort of competition.

As I worked on the Show and Tell entries for this month I realized that each piece was suitable to enter into the turning competition. You may have a piece where the wood is spectacular but the turning isn't (as in my case) or you may have a piece where the turning is awesome but the wood wasn't what you expected. In either case you never know what the judges are thinking so bring you work/art and enter into the competition. Based on the size of our club alone we should have well over 500 entries this year.

I remember in years past that I received awards and I thought how did this win as I was comparing it to other entries. I also remember having pieces that did not do as well as I expected. In either case being judged and competing is not only fun, but makes you a better turner.

In my early years of fishing tournaments, I fished against better fisherman than myself but the fact that I was trying to beat them made me a much better fisherman. And even though we competed against one another, we were constantly helping each other. Its the competition that is fun....winning is only secondary to that!

Check out our NEW webpage

<http://www.richmondwoodturners.org/index.shtml>

Thanks to all of the hard work our webteam (Stanley VanDruff) has put into this.

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 for only \$2 per month. List is on the website. Lose it and you bought it.

Website:
www.richmondwoodturners.org

Updated regularly and contains links to other VA clubs.

AAW Membership: Dues are \$53/year for printed, \$43/year for email. For this, you receive 6 issues of "The American Woodturner" a great resource directory (over 450 pages), a huge annual symposium, personal grant opportunities, third party liability protection, and much more. If you are the least bit serious about woodturning, you can't afford to miss out on all this.

OPERATION CHRISTMAS CHILD SPINNING TOPS

For those of you that didn't hear, we turned 1519 tops for the shoeboxes. We have a goal of 2000 for 2015 so lets get started!!!

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

<http://youtu.be/UWpV9dBpbME>

VOTE ON RW BYLAWS

At the April Meeting, members will vote on changes to the Richmond Woodturners Bylaws that were distributed last month.

The primary reason for these revisions is to add language required to achieve compliance with IRS regulations for tax exempt organizations under section 501(c) (3). Other minor changes were made to correct wording errors to the current bylaws and to add signatures for current RW Board members.