



# Richmond Woodturners' Newsletter



## Next Meeting:

@Woodcraft, old Circuit City Plaza, 9862 West Broad St (Rt. 250W), Richmond, on the third Thursday of every month, 6:30PM. Refreshments provided.

## June 16

Editor: Betsy Mack

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## Program Schedule:

**June: Platters-Deane Cox**

**July: Sm Hole Hollowing**

**August: Lidded box**

## Challenge Schedule:

**June: Open**

**July: Platters**

**August: Sm Hole hollowing**

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## June 2011

[www.richmondwoodturners.org](http://www.richmondwoodturners.org)

## Multi-axis Spindle Turning Paper by Barbara Dill

edited by Betsy

PowerPoint presentation test run for the AAW Symposium's Emerging Artist Program.

Many turners have randomly switched the axes on a spindle while making whimsical asymmetrical forms. When turning on one axis, it is quite clear what the outcome will be. When more than one axis is used, keeping up with the axes used, the shape turned and how a certain design was made can get very confusing (*She turns one area at a time, then moves on to the next one; lots of spindle moving is involved too*). Barbara's demo laid out a systematic exploration of some of the many forms that are possible to make using multiple axes.

The key is to first look at what happens when a spindle is turned on one axis. The elements are the beads, coves and the straight lines that create the profile and the placement of the axis. The results are always circular. When the axis is changed from the center axis on a spindle, there are **only two** possible results: either the spindle is cut deep enough to form a new cylinder (*circular profile*) or cut less deep forming an *arc profile*.

The final product depends on the things that have been done to the wood (cause and effect). The variables are the *placement of the axes and the profile*. The **axis** is considered *parallel* when each end is moved the same distance and direction from the center. Axes can also be parallel to each other and can cross (*transverse*) the true center axis. The axis is considered *twisted* when each end is moved in different directions and distances from the center axis so that the new axis crosses the true center axis or each other at some point. The closer the new axis is to the center of the spindle, the larger the solid wood is; and **[Continued on page2]**



**June 24-26**, AAW Symposium Saint Paul, MN

**November 4-6**, NC Woodturning Symposium, Greensboro Coliseum, Greensboro,  
[www.northcarolinswoodturning.com](http://www.northcarolinswoodturning.com)

### Shows Coming In VA:

**August 11**, Barbara Dill Demo in Leesburg for the CAT turners.

**Sept 17**, Club Picnic at Sid & Penny's

### Woodworking items for sale

Contact Karl Wagner,  
804.683.7200

Dewalt thickness planer with stand, Powermatic 6" jointer, Performax16-32Plus sander, Powermatic 3HP 220V table saw with ext. table & fence, Rikon 1hp band saw with base

**[Dill from page1]** conversely, the closer the new axis is to the outside of the spindle, the smaller the solid wood is. When the solid wood is large, a circular outcome is easier to create. When the solid wood is small, it is easier to create an arc type outcome. The **profile** consists of the curve, straight line, angular cut and all the combinations off these elements

### SUMMARY

Knowing variables and outcomes is a way to organize thoughts when planning a multi axis project. The model presented is an alternative to total random experimentation. One can experiment using forethought, but many spindles must be turned and many mistakes made to find one's own creative forms. I encourage folks to play with spindles. The results can be very exciting. The shapes made by switching the axes are owned by no one. However, the ways the shapes are combined are the creative designs of the maker.

*Want more; look at Barbara's web site [www.barbaradill.com](http://www.barbaradill.com) for her AAW papers on multi-axis turnings.*



Safety First,  
Lathes can be  
Dangerous



Ray & Lee need 3 more volunteers to go to 4H @ Holiday Lake 4H Camp, June 13 a Monday from 1-3pm. They will be teaching basic turning to 8-10 campers. Also, they will touch on selection of tools and wood & turn something small to take with them.

### Meeting Vibrations

Sept 17 Saturday Club picnic at Sid & Penny house. More later on as the date gets closer.

Ray said everyone should learn more wood safety. Go to Wood Central on the web. Read about a bowl blowing up and hitting the face - one dead turner. Long hair caught in the lathe - one dead girl turner.

Danny said AAW is looking for Best Practices write-up on safety.

# SHOW & TELL



**Things:** Nuts, lidded boxes, platters, big bowls, pens, spindles, bird house, vase, cradle

**Wood:** maple, walnut burl, cypress, Birdseye maple, red oak, cherry burl, beech, Osage orange, elm



**Officers for 2011**

President:	Dick Hines (804-966-5204)
	<a href="mailto:rdhines@hughes.net">rdhines@hughes.net</a>
1 <sup>st</sup> Vice President:	Don Hart (804-530-3992)
2 <sup>nd</sup> Vice President:	Jerry Fisher (540-895-5287)
Treasurer: /Bulk Orders	Matt Baker (804-440-3581)
Secretary/Newsletter	Betsy Mack (804-730-8324)
	<a href="mailto:bcmack@comcast.net">bcmack@comcast.net</a>
Librarian:	Aage Rendalen (804-261-9160)
Membership:	Danny Luttrell (804-271-4799)
Website	Barbara Dill (804-749-8565)
Past President Board Members:	Lee Scarbrough (804-712-6676)
	Mike Lane (804-932-5149)
	Jim Bumpas (804-526-2873)
	Dan Luttrell (804-271-4799)
	David Sterling (804-755-6087)

**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.

**Newsletter Entries:** If you have tips, news, "For Sale" or a newsletter entry (250 words max and no embedded photos; send photos separately as attachments) please send it to the Editor for publication in a future newsletter. Must be received by *7th of each month* to make the most current newsletter.

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

**AAW Membership:** Dues are \$48 per year. For this, you receive 6 issues of "The American Woodturner" (a \$30+value), 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.

Visitors / New Members:

**1st Time Visitors**

Littleberry Darby

**Members (returning)**

Alan Weber, Bill Wilcox, Cindy White

**Beverage & Snack Roster Reminder**

44	Strang	Ice -10lb bag & cooler
45	Duffy	Two 2-liter diet drinks
46	Hammer	Two 2-liter regular drinks
47	Jenkins	Two 2-liter non caffeine drinks
48	Cox	Sweet snacks(cookies, etc.)
49	Hayes	Sweet snacks(cookies, etc.)
50	Fisher	Sweet snacks(cookies, etc.)
51	Harvey	Salty snacks(P-nuts, etc)
52	Percell	Salty snacks(P-nuts, etc)
55	Tyrrell	Salty snacks(P-nuts, etc)

**Snacks for July**

56	Tyrrell	Ice -10lb bag & cooler
57	Robbins	Two 2-liter diet drinks
59	Hayes	Two 2-liter regular drinks
60	White	Two 2-liter non caffeine drinks
61	Reid	Sweet snacks(cookies, etc.)
62	O'Hanlon	Sweet snacks(cookies, etc.)
63	Roth	Sweet snacks(cookies, etc.)
64	Turner	Salty snacks(P-nuts, etc)
66	Crook	Salty snacks(P-nuts, etc)
67	Sheneman	Salty snacks(P-nuts, etc)

Stamp

Here

## FOR SALE, BUY, or TRADE

Ray Deyo offers a 10% discount on non-power tools and supplies on meeting nights at Woodcraft for members only. Another very good reason to join us every month!

**Dick** - I got your Richmond Woodturners info from Woodcraft. I've got a **huge pin oak** in front of my house that will be coming down in June. The usable trunk on the tree is about 17 to 18 feet high, from base to first bifurcation in the branches, and is approx. 25" diameter most of the way up to that point. City of Richmond Arborist has the tree scheduled to be cut down and removed. I asked him if the tree removal folks wouldn't mind saving me a slice of the trunk... don't know why, really, since I can't do anything with it. Sentiment, I guess...But if you or others in your organization or friends can use as much of the tree for your work, I'd reckon that they wouldn't complain if you were there to oversee it during it's removal. If you call the City Arborist - dial 311 and go thru all the rigmarole to get to the tree number, the assigned number for the tree removal is #20020769211 . Regards,  
Gerry Wadsworth, 3415 Hanover Avenue, Richmond VA 23221. Phone 355-4341

### ERNIE'S TREE SERVICE

804-833-9663

\$25 / year entitles you to pick through his wood pile. North of Ashland

### Powermatic Lathe for Sale

\$2400

Call Amy @ Visual Art Center 353-0094

### Lumber for Sale

5/4 rough cut Walnut, air dried 12+ years. ~18 pieces 8 foot long , width 8 -12 inches. Need room in my smaller shop. Email is better as I have trouble speaking 804-282-9127

[jimbbiggers@verizon.net](mailto:jimbbiggers@verizon.net)

### HUGE FREE Holly Tree

on the ground and would like to get rid of it. He said it was 32" at the base.

Carl Gray phone 804-283-5672.