



## Bowl from a board (*Bob Silkensen*)

### Bowls from a board have many names

Also known as “bandsaw bowl”, “economy bowl”, “scroll saw bowl”, “lamination bowl”--and even “ring bowl” is a subset of segmented woodturning. Usually, in segmented woodturning you cut wedges for a ring, glue them into a ring, stack glued rings to the shape desired and turn! BFB entails cutting and gluing before turning but in a slightly different manner.



### Start with a square and a circle

In making a BFB, you take a square board (or two pieces that make up a square), whatever dimension you desire, and make angled circular cuts, then stack the rings and turn.

### Cut each half-circle separately

For a bandsaw bowl, you must start with two halves of a square board, hold the two halves together and draw the largest circle you can. Set the bandsaw for approximately 45 degrees (anywhere between 40 and 50 works), and cut the two halves of the circle.

### Stop cutting half-circles when you reach base size

Set that ring down on the original board and either draw a circle where it meets the board or just make a mark and use a compass to draw the circle. Cut that circle on the bandsaw and repeat until the original piece of wood is no smaller than 3–3.5 inches (whatever makes a good base for your size bowl).

### Glue half-circles and stack rings

Now take each half ring and glue together to make a whole ring. Then stack each ring on the base to check the design. You can rotate one or more rings to make a different design.

### Mount on lathe

Lastly, mount the base on the lathe (chuck or faceplate with waste block) and flatten the base to accept the next size ring. Run the bottom of the first ring on a large disk sander to ensure it is flat, glue and press this ring onto the base. Make sure to get it aligned to the base.

Let the glue dry (at least an hour). Flatten the top of that first ring (using the lathe, gouge or scraper), run the bottom of the next ring on a disk sander (might as well do all rings), then glue that ring to the smaller ring/base as the in previous step. Continue till you get all rings glued up, ready to make the bowl. Turn and finish!

### Scrollsaw alternative

An alternative to doing half boards is to use a whole square board and cut the rings on a scrollsaw (must cut at that 40-50 degree angle and can be difficult), or mount the whole board on the lathe (I like using a faceplate with waste block), then trying to keep a parting tool at the desired angle to cut the rings one at a time.



### Banjo jig

Bob made a jig using a metal cutting tool that can be mounted on a banjo to lock it in at the correct angle to cut each ring.

Checking YouTube, you can find many example of how to do this type of bowl, and many woodturners have bowl done this way on their own web sites.

## RW SPOTLIGHT BILL JENKINS WINDSOR CHAIRMAKER



Bill Jenkins used to be an airline pilot and before that a fighter pilot. These days he moves at a more leisurely pace, building antique chairs, especially Windsor chairs.



He is so good at it that the producers of the John Adams mini-series came to him so they could fill their sets with authentic looking 18th century chairs.

Here is one of his chairs ready for delivery. Back in the day, Bill says, chairs were all dark green, but with time green turned dark and they ended up looking black.



When oak--and it pretty much has to be oak-- is heated to 180F, its lignum turns liquid and you have 90 seconds to bend it into shape, using a template and pegs to keep the rail in position.



He lets the blanks dry for 10 days.

Bill lives on his family's ancestral farm near Montross, Va. All his stock of chair blanks are milled from his own trees.



Bill uses a PVC pipe to steam-bend the curved parts of his chairs. Here you can see his water cooker that feeds steam into the pipe. The bolts through the pipe are there to keep the rail blanks from floating in water.

The seat is made from a softwood to allow for easy carving. The leg holes are drilled at an angle. In fact, observing Bill at work, I came to realize that getting the angles correct is a crucial part of chair making.



Bill uses a special reamer that cuts a tapered hole, then he checks the angle and adjusts the angle, if need be.

**S H O W and TELL**



Jack Hayes  
Paulownia - Empress Tree & Holly  
Black alcohol dye & mohogania



Ray Melton  
Cherry with basket weave burn pattern on rim  
Oil and Beall buff



Jack Hayes  
Red Bud (from my yard)  
Weeping Cherry (Glen Allen)



Bob Silkensen  
Mesquite & Maple  
Open segment

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



Betsy Mack  
Snowmen  
Cypress scrap from daughters chairs



UnKnown  
Cherry with Padauk finial



Jim Bumpas  
River Birch  
Punky and required soaking with CA glue  
Finished with spray matte lacquer



Jim Zorn  
Corn cobb & segmented pens

**S H O W and TELL**



UnKnown  
Tuxedo Pen  
Black Acrylic & Epoxy



Joanne Fisher  
Mahagony



Bill Jenkins



Stanley VanDruff  
Bead lipped bowl  
Unknown wood

**S H O W and TELL**



Galen Rice  
Ice Cream scooper & Ceramic Peeler  
White oak burl



Matt Baker  
Black Walnut  
96pc segmented bowl



Shana Williams  
2-painted then clear cast pens  
1-Snake shed pen

**E d i t o r s p i c k**



Bob Silkensen  
Mesquite & Maple  
Open segment

# T i p   o f   t h e   M o n t h

## WORKING WITH GREEN WOOD by Philip Duffy

Before you start turning a piece of green wood, be sure all the loose bark and things that can hurt you are chopped/cut off.

Sharpen your tools Before you start turning, not after. Saves time and provides greater safety.

Protect yourself and your lathe from the sap/water flying off a green wood turning by wearing all the necessary gear, ie, mask, no long sleeves, etc. And protect the bed of your lathe by spraying it down with a good oil.

Leave your sanding block at home! No need to waste your time on a green piece as all you are trying to do is get it to dry evenly without cracking.

Seal up the end-grain with a product made for that purpose, not some leftover kitchen ceiling paint!

When you reach **a thickness of 1.5 inches in your green bowl, stop turning!!!** Make sure the bottom is about the same thickness. I will tell you my secret! Put the roughed bowl down on the drill press table and drill a 1.5 in hole in the tenon you made for your chuck so the thickness of the wood at the bottom, including the tenon, is the same as the bowl! When the bowl is dry turn the tenon round before reversing the bowl and turning to a finished thickness.

Get it dry and spin it thin!!! Phil

## MEASURING THE THICKNESS OF BOWL BOTTOMS

Aage Rendalen

1. Cut a piece of wood that extends from the headstock to the rim of your chuck.
2. Make a sled for the ways, with a pointer that reaches the front of the sled.
3. When the pointer reaches the bottom of the bowl, the gap between the block under the chuck and the sled shows you how thick the bottom is.



## From our President

### Looking Ahead

This being my first "Message from the President", let me share what I see when looking ahead. If you consider our overall membership, attendance at meetings, participation in the monthly Show-N-Tell and the continuous flow of ideas and suggestions, we have a pretty remarkable club with a great deal to look forward to. Think about how many members responded to a call to arms last year by producing over 1,500 tops. Many of us taught youth campers how to turn bowls at their summer camp and even more contributed ornaments to the Virginia Governor's Christmas trees. When we needed audio visual help and the club took on the turning competition, there was no volunteer hesitation. What a tremendous foundation for the future.

As I look forward, I see many opportunities for growth in membership, a strengthening of individual technical expertise and expansion of club sponsored activities. With our current membership, we have only scratched the surface of the available knowledge and talent and there are many turners in the area who don't even know we exist yet. If each of us decided to contribute one demo, we would have enough for the next five or more years. If everyone were to bring one piece to show & tell every other month, we could view over 3,000 turnings a year. If one in five shared something they had learned in conversation at a meeting, there would be over 350 ideas, lessons learned or tips shared each year. I think this may already be happening.

Suffice it to say we are solid and have an unstoppable momentum. If I could offer a suggestion to all, it would be to put back into the club exactly what you get out of it. And if there is nothing to give because of nothing gained, well, maybe you should pick up coin collecting or something. By the way, we have a turning competition coming soon. I hope you agree our own club should be better represented than the general public. We also have competition again this year with the Central Virginia Woodturners already preparing their pieces for entry.

I look forward to our future together!

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

The Pittsburgh symposium webpages are up and running and the “**Early Bird**” registration period is now open. Current information, including a preliminary list of demonstrators, is available on the AAW website. We’ll be adding supplemental details as they become available. [More information.](#)

#### Symposium Opportunities

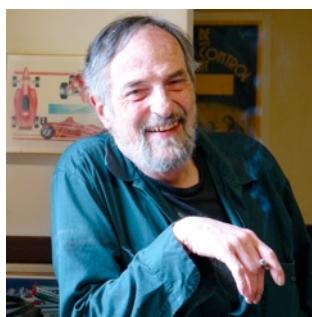
- **Call for Entries:** “**Creativity in Construction: A Collaboration of Materials**” ~ 9th annual Professional Outreach Program exhibition. The deadline for applications is January 12, 2015. [More information.](#)
- **Call for Entries:** “**Merging**” ~ 2015 AAW member exhibition. The deadline for applications is February 3, 2015. [More information.](#)
- **Call for Symposium Videographers**~ The deadline for applications is January 15, 2015. [More information.](#)
- **Call for Symposium Volunteers** ~ Demonstrator assistants, aids in the Youth Room, helpers in the Instant Gallery, and more. [More information.](#)

- **Build Team Spirit with C3** ~ Round up at least six local chapter members and create a collaborative work to be prominently displayed during the



Pittsburgh symposium for the Chapter Collaborative Challenge (C3). Attendees will vote for their favorite pieces in Artistic, Mechanical/Technical, Fantasy, and Best in Show categories. [Learn more.](#)

### AAW Honorary Lifetime Member, Giles Gilson, Schenectady, New York, Passes Away



Giles Gilson died January 20, 2015, at his home in Schenectady, New York. An AAW member since 1986, Giles was awarded a POP Fellowship Award in 2006 and earned the distinction of Honorary Lifetime Member in 2009.

It always hurts when you lose a very close friend, especially when he was a brother in the arts. And when that friend was also a true icon in your field, it stings. (Photo: Terry Martin)

- [Read complete tribute by David Ellsworth.](#)

## 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

First time visitor

Mike Staszak

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

## Free, For Sale or Trade

18" bed extension for Powermatic 3520B. Comes with tool post extension to allow for 30" turnings off the end of the lathe. Price \$250 (new \$400).

OneWay coring rig for 20" lathe, with 9" cutting knife. \$250 (new \$350)

Contact Aage Rendalen at tel. 804-261-9160 or  
[aage.rendalen@gmail.com](mailto:aage.rendalen@gmail.com).

Dick Hines has several small bowls that are roughed out and ready to be returned. They will be at the February meeting and the price is right.

**FREE!**

**Financial Report**

<b>Revenues</b>	<b>314.00</b>
<b>Expenditures</b>	<b>111.25</b>
<b>Balance</b>	<b>7300.13</b>

**Visitors/New Members**

First time visitor  
Mike Staszak

**Feburary Snacks & Drinks**

- |                 |                                 |
|-----------------|---------------------------------|
| (Aage Rendalen) | Ice 10 lb bag with cooler       |
| (Andrew Clough) | Two 2-Liter Diet drinks         |
| (Andy Hammer)   | Two 2-liter Regular drinks      |
| (Barbara Dill)  | Two 2-liter non Caffeine drinks |
| (Betsy Mack)    | Sweet Snacks (Cookies, etc)     |
| (Fisher's)      | Sweet Snacks (Cookies, etc)     |
| (Bill Jenkins)  | Sweet Snacks (Cookies, etc)     |
| (Bill Walters)  | Salty Snacks (P-Nuts, etc)      |
| (Bill King)     | Salty Snacks (P-Nuts, etc)      |
| (Bob Tingle)    | Salty Snacks (P-Nuts, etc)      |

**March Snacks & Drinks**

- |                  |                                 |
|------------------|---------------------------------|
| (Bill Silkensen) | Ice 10 lb bag with cooler       |
| (Bob Hudson)     | Two 2-Liter Diet drinks         |
| (Bob Fagen)      | Two 2-liter Regular drinks      |
| (Bonnie Cross)   | Two 2-liter non Caffeine drinks |
| (Brian Witt)     | Sweet Snacks (Cookies, etc)     |
| (Bruce Robbins)  | Sweet Snacks (Cookies, etc)     |
| (Cecil Barrett)  | Sweet Snacks (Cookies, etc)     |
| (Chuck Mosser)   | Salty Snacks (P-Nuts, etc)      |
| (Chuck Horton)   | Salty Snacks (P-Nuts, etc)      |
| (Chuck Owen)     | Salty Snacks (P-Nuts, etc)      |

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

## 2015 Elected Board

President:	Ray Deyo
1st Vice President:	Aage Rendalen
2nd Vice President:	Joann Fisher
Treasurer:	Jim Bumpas
Secretary	Phil Duffy
Newsletter	Ray Melton
Resource:	Jerry Fisher
Membership Manager:	Danny Luttrell
Information Manager:	
Past President Board Members:	<p>Dick Hines Lee Scarbrough Mike Lane Jim Bumpas Dan Luttrell David Sterling Gerry Cambell</p>

## From the editor

### Show and Tell

I hope you enjoyed the new format for the show and tell. If you notice, there were a couple of images that do not have a name associated with them. 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](mailto:raym@htrs.com). You can include pictures if you like. They will run for 2 months unless notified to “re-run”

## Upcoming Demonstrations

February: Robert Gundel: The challenge of turning Norfolk Island Pine.

March: Chucking options, from collet chucks, out-of-balance chucks, vacuum chucks, etc.

April: TBD

## One Good TURN Deserves Another!

Help uplift children living with serious illness and disabilities through AAW's 2015 [ReTurn to the Community projects](#). Whether or not you plan to attend the AAW Symposium in Pittsburgh, you can still help by donating turned items for Variety the Children's Charity of Pittsburgh and Beads of Courage, both worthy nonprofits that support children.



**Contribute Lidded Boxes for Kids with Serious Illness**  
The AAW community will show its support for the [Beads of Courage](#) program, a nonprofit that provides supportive care for children undergoing treatment for serious illness. *Here's how it works*—Turners make and donate lidded bowls or boxes, which will be displayed in the Instant Gallery at the 2015 AAW Symposium in Pittsburgh. After the event, the containers will be delivered to local hospitals for the Beads of Courage program to hold a child's beads, representing various procedures and stages of treatment.

### 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](http://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>