



<http://flinthillswoodturners.org>

September 2016



# Back to Basics

This month's program will focus on turning "between centers," also known as spindle turning, and on sharpening. Tom Boley will lead off with the spindle turning part, talking about the differences between bowl gouges and spindle gouges, the difference in use, how to make some useful items, and how to duplicate something like a candlestick or table leg. Since there are only three shapes we can make on a lathe, coves, beads, and flats, Tom will demo each and talk about the key differences. Tom has experience turning spindles ranging in size from pens to porch columns, so be prepared to learn as Tom shares his wealth of experience and expertise! The second part of the September demo will be on sharpening our woodturning tools. Treasurer Tom Shields will discuss and demonstrate sharpening methods for the tools we most commonly use utilizing a standard slow speed grinder equipped with the Oneway Wolverine jig and using the Vari-Grind jig for bowl and spindle gouges.

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# The Call of the Lathe – September 2016

Finally! The hot weather of the summer seems to have moved on so spending time in the shop is a whole lot more pleasant now than it has been. Whew. I had just about had enough of hundred degree days. The nineties aren't really my favorites, either. But now that it seems to have cooled off a bit, everything we do will be more enjoyable. Well, except maybe painting the woodwork in the house....

Many thanks to the more than a dozen of you who stepped up with donations for Hospice. We all know how much time it takes to do what we do so once again, many thanks to all of you who spent that time perfecting your products and then donating them to such a worthy cause. For next year, especially since the annual national symposium will be in Kansas City, we decided at the August meeting to work on bowls for the Beads of Courage project. I challenge us to come up with one lidded bowl per member to take to KC. That doesn't mean that each member must make one but some will make a couple, others may make three or four. But let's set our sights on a total of one per member which, by my count, is 46 pieces. We have until early June next year to get them done but don't wait until the last minute.

We have a couple of public demonstrations coming up soon. We'll be doing the Mini Makers Faire in Aggieville

on Saturday, the 10<sup>th</sup> of this month and Pumpkin Patch Craft Show at CiCo Park Friday the 30<sup>th</sup> and Saturday, the first of October. Those are both excellent opportunities to strut our stuff and show the world what woodturning is. I think if you asked a dozen people how wood bowls are made, no more than two, maybe three, would even have a clue. This is our chance to not only show them but to invite them to join FHW and learn more about the process. When Randy asks for members to sign up to work the booths, please do so. First, we need participation in order for these events to work but frankly, these public demonstrations are really a pleasure. Some members will be able to spend time at the lathe but we will also need several to "work the crowd." The whole thing is fun to do, especially since we get to talk about woodturning to so many people who may have never even seen a lathe before.

I sure do personally appreciate all that you do for FHW. There are so many jobs and you have been so good about picking up loose ends and getting them done. We can't do this without each other. It has been a real joy working with all of you as we created FHW and continue to grow in size and experience. Thanks.

— Tom Boley



On 15 August 2016, Flint Hills Woodturners donated 31 turned wood pieces to the Homecare and Hospice Foundation of Manhattan in support of their annual fundraising efforts. There was a wine dinner and live auction of big ticket items held on 26 August at Colbert's Restaurant with wine tasting and a silent auction at the Bluemont Hotel on 27 August. Our items were included with the silent auction. Those who donated items for this most worthy cause were Lisa Zeller, Ross Hirst, Vaughn Graber, Nyle Larson, Dennis Biggs, Ned Gatewood, Peter Dorhout, Don Baker, Steve Harbstreit, Bob Holcombe, Ernest White, and Tom Boley. Christina Nolte, Director of Development for Homecare and Hospice was effusive in her appreciation for our efforts on behalf of Hospice. Many thanks to all who took the time to participate in this project.

# Meeting Minutes — August 6, 2016

The monthly meeting of the Flint Hills Woodturners began at 9:00 a.m., August 6, 2016 at Red Oak Hollow Lathe Works, 4025 Walnut Creek Driver, Wamego, Kansas. President Tom Boley called the meeting to order.

The meeting began with Tom Boley introducing two visitors: Ian Lutz, son of Robert Lutz, and Jason Weaver, a friend of Lisa Zeller. Tom also welcomed new member Sandra McIntyre, mother of Melissa McIntyre.

Officers' Reports were presented:

President Tom Boley reminded the membership he is hosting the Topeka woodturning club, Kansas Area Woodturners (KAW), at his shop for their regular August meeting. All FHW members are welcome to attend.

Tom announced he has three sets of hollowing tools available for sale.

Tom thanked the members who donated bowls for the Hospice auction and reminded members of the good work done by Hospice.

Tom spoke of one of the American Association of Woodturners charitable effort called Beads of Courage. Children with serious diseases are given decorative beads, each bead marking an event in their treatment and providing a tangible reminder of their progress. AAW woodturners around the country will make boxes in which the child patients can keep their beads. Boxes will be collected at the AAW Symposium in Kansas City next year. FHW members will be encouraged to participate.

Tom presented a President's Challenge to the membership - to turn an object using a 2 x 4 and present it at the September meeting. Ray Case, David Delker, Tom Shields, Tom Boley, and Bob Holcombe took up the challenge.

Vice President Ray Case reminded members of the upcoming Aggieville Mini Maker Faire, Saturday, September 10 from 10 to 4 p.m., and that FHW will be doing woodturning demonstrations. FHW also is participating in Pumpkin Patch Arts and Crafts Fair, September 30 and October 1 at CICO Park. Along with woodturning demonstrations, wood tops will be given away. Ray brought wood blanks for members to take for making tops prior to the Fair. Bob Holcombe has

already made 50 tops and is on his way to making 100, and he challenges members to do the same. On the American Association of Woodturners webpage, there is a free booklet to download on top making.

Secretary Ned Gatewood had no news to report.

Treasurer Tom Shields reported \$73.00 was deposited from the July meeting; \$117.18 was spent for raffle items; and fee of \$40.00 was paid to the State of Kansas for the annual Non Profit Corporation Report. The balance in the treasury is \$2,174.64.

Operations Coordinator Randy Zelenka was not in attendance.

Program Coordinator David Delker said FHW has presented 15 programs to date. The September and October programs will deal with basic skills. Specifically, the September program will be spindle turning and sharpening, and the October program will be bowl making and chucking. The November and December programs will be ornament making. Also, David announced in the future, part of each monthly program will be a Tips and Tricks presentation.

Newsletter Editor Bob Holcombe had nothing to report.

The raffle winners this month were Melissa McIntyre, Nyle Larson, Peter Dorhout (twice), and Dan Zeller.

This month's Program was led by David Delker discussing Woodturning Design and Critiquing Your Work. Workmanship, finish, and design were recognized as three elements in critiquing woodturning. Topics addressed were segmented turning and considerations for pen turnings. Elements of design, such as the golden ratio and the Fibonacci series, also were discussed. Bob Holcombe addressed bowl shapes, including the catenary curve and portions of a curve to consider in developing a bowl's profile. David handed out plans for making a golden rule caliper. The program concluded with the membership evaluating images of various bowls and then critiquing the merits of a bowl provided by one of the members.

The next Flint Hills Woodturning meeting will be Saturday, September 3, 2016 at 9:00 a.m. in the Red Oak Hollow Lathe Works.

— Ned Gatewood

# From the Program Director:

## Tips and Tricks

Due to the excitement generated by the Tips and Tricks program at the July meeting, we plan to include a single Tip or Trick as a regular part of the program in each future meeting. Peter Dorhout will give the first of our Tips and Tricks presentation at our September meeting, which will be entitled, "Substitute Rubber Chuckies." What, you don't know what a Rubber Chuckie is or why one would need a substitute? Come hear Peter enlighten us!

## Future Programs

One of our club's goals is to teach the many newcomers in our club the basic skills that many of us old-timers take for granted (or that we are too embarrassed to admit that we have forgotten)! Those fundamentals are important enough that even experienced turners need to re-visit them from time to time. Following our spindle turning program in September we will continue our Back to the Basics series in October with

an introduction to bowl turning. Here is the tentative lineup for the months ahead:

**October:** Back to the Basics: Bowl Turning and Chucking Methods

**November:** Holiday Ornaments, Part 1.

**December:** Holiday Ornaments, Part 2.

We need volunteers to present at these meetings. Contact Program Director David Delker if you are interested in sharing at one (or all) of these upcoming meetings!

As always, feel free to let me know if you have program suggestions or if you have something you would like to demonstrate at a future meeting. I would be happy to visit with you and help you develop your idea into an excellent program!

— David Delker, Program Director.



## Tips and Tricks



### How to Keep an Unclogged Tip on Your CA Glue Bottle

Lisa Zeller told me about two methods for keeping the tips of CA glue bottles from clogging, and having her permissions to share them, here are two great ways to keep an unclogged tip on your cyanoacrylate glue bottle.

One method is after each time you use the glue, tap the bottle down rather forcefully on the table, and this will force the glue in the tip back down into the bottle. This works pretty well, but not as well as the next method.

Another method is to keep a spare tip stored in a small bottle of acetone. Acetone is the solvent for CA glue. Be careful what sort of bottle you use; acetone will dissolve many plastics, so a glass bottle is best. An empty glass spice bottle, the kind cooking spices come in, works well. When one tip starts to clog-up, switch that tip with the clean one in the storage bottle, and put the clogged tip in the storage bottle where the acetone will dissolve the CA glue and clean the tip for next time. This way you will always have a clean tip on your CA glue bottle.

— Ned Gatewood

# Skill Enhancement

We strive for two Skill Enhancement sessions each month for our members to work on skills to make them better turners. Whether the skills with which someone wants some guidance pertain to bowl turning, chain saw cutting of logs for bowl blanks, or how to sharpen woodturning tools, depends entirely on the needs of the member. If you need help with calculus, we'll have to find someone else for you but for woodturning, we have several experienced members who regularly attend the sessions to help our members as needed. Tom sends out a message about the upcoming Skill Enhancement session a few days before as a reminder. When you get that message, please let him know if you will be coming and which lathe you want to use. We have two full size lathes, one large mini lathe and two small mini lathes. They all do small stuff very well but if you need a large lathe, be sure to ask for it. Randy Zelenka has a large mini lathe he can bring if we know that we will need it. Remember, we ask for a \$5 shop fee for Skill Enhancement sessions to cover wear and tear on equipment, replace consumables such as sandpaper and CA glue, and to help buy things we need to enhance the enhancement. And don't forget our Mentor program in which we will match you with someone who can work with you to build your skills, too. Happy turning!



## Volunteers Wanted

Aggieville

Mini  
Maker  
Faire®

Saturday,

September 10, 10am–4pm

Please contact Randy Zalenka at [operations@flinthillswoodturners.org](mailto:operations@flinthillswoodturners.org) for more information.



Friday and Saturday,

September 30 — October 1

Be sure to make tops for our  
September turning events.



# Show & Tell

Members are invited to bring a piece that they have turned to show and to tell other members how they made it, what was difficult or easy, what is special about it, how they finished it or anything else that will be of interest to other members.



Lisa Zeller



Don Baker



Nyle Larson



Tom Shields



Peter Dorhout



Ned Gatewood



Vaughn Graber

# Show & Tell



Ernest White



David Delker



Tom Boley



# August Program — Tips and Tricks

Our August program focused on woodturning design and how to critique our own work and that of others. We discussed several design criteria examples and how to put them into practice by critiquing our own woodturning and that of others.

Critiquing our own work is challenging; having someone else critique it can be downright terrifying! We all have memories of having our work harshly criticized by teachers, peers, bosses, or even our closest friends and family. We can avoid those unpleasant feelings if we follow a few basic rules for critiquing the woodturning creations of others:

1. Break the ice by asking some questions about the piece, such as its intended use, the reason for the wood selection, challenges faced during the turning and finishing process, etc.
2. Consider the experience level of the creator and type of equipment used to make the piece.
3. Use the “sandwich” approach: Start with some positive feedback; provide the necessary constructive criticism, including plenty of praise for the good aspects of the piece; and end on a positive note about the piece and the progress made.
4. Never forget that we are here to learn from each other. Those offering critiques should be honest, but respectful of others. Give suggestions for how to improve the piece, don't just list everything that you believe is flawed.
5. Comments should be construed as suggestions. Critiquing woodturning or any form of art can be very subjective. Just because one person likes glossy finish and another prefers satin finish doesn't make one right and the other wrong. No two people have identical artistic tastes, and we need to respect that diversity!
6. Don't forget to end the critique with a positive comment.

A copy of David Delker's PowerPoint presentation “Wood Turning Design” is available to FHW members on request. Email [newsletter@flinthillswoodturners.org](mailto:newsletter@flinthillswoodturners.org)





# Woodturning Basics

## *Relative Hardness of Wood*

We all know that some woods seem to be harder than others as evidenced in how often we have to resharpen our tools while turning a bowl or other form. Of course, there are “hard woods” and “soft woods,” too, but some soft woods are harder than some hard woods, and some hard woods softer than some soft woods. What I am talking about here is the relative hardness of the common woods which we use in our craft, not distinguishing between deciduous and non-deciduous trees.

The Janka hardness scale was developed to provide a chart of relative hardness for many woods, many of which are used in flooring. The determination of hardness was based on the amount of force, usually expressed in pounds of force, which it takes to press a .444 inch steel ball into the side grain of the wood. Following are some of the more common woods which we as woodturners may use and their Janka scale numbers. For the full list, go to [wikipedia.org/wiki/Janka\\_hardness\\_test](http://wikipedia.org/wiki/Janka_hardness_test). Now you see why you may have to resharpen so often with some of them.

— By Tom Boley

Basswood	410	Hard maple	1450
Chestnut	540	Zebrawood	1575
Douglas fir	660	Wenge	1630
Silver maple	700	Black locust	1700
Lacewood	840	Blackwood	1720
Cedar	900	Padauk	1725
Black cherry	950	Rosewood	1780
Teak	1000	Hickory/Pecan	1820
Black walnut	1010	Purpleheart	1860
Cocobolo	1136	Jarrah	910
Heart pine	1225	Bubinga	1980
Red oak	1290	Osage orange	2040
Beech	1300	Mesquite	2345
White ash	1320	Bloodwood	2900
White oak	1360	Ebony	3220
Bamboo	1380	Ipe	3684
Coffee bean	1390	Lignum vitae	4500



## PRODUCT SALE

# 25% discount

on most ONEWAY products,  
except lathes, plus shipping.

Go to ONEWAY website  
[www.oneway.ca](http://www.oneway.ca)

to see products available.

Will provide quote upon request.

Happy and Safe Turning  
and Keep Those Turning Tools Sharp!

Contact CA SAVOY [cadjsavoy@cox.net](mailto:cadjsavoy@cox.net)



## Basic Bowl Class

It used to be called University for Man but over the years, has evolved to just UFM Manhattan and their array of classes is terrific. Among the class selections are iCan with iPad, Sushi Rolling, Genealogy Essentials, Beekeeping, Archery for Adults, and Woodturning for Beginners. It is that last one which is now taught by Tom Boley at his shop, Red Oak Hollow Lathe Works. The class project is a small bowl and is suitable for never-before turners or for those who would like to add bowl turning to their repertoire of woodturning skills. Contact UFM at [tryufm.org](http://tryufm.org) or e-mail them at [info@tryufm.org](mailto:info@tryufm.org). Their phone number is 785-539-8763. This is a great way to jump right into the craft of woodturning in a formal way with an excellent instructor in a comfortable woodshop setting. Come, learn to turn.



Community  
Learning Center  
[tryufm.org](http://tryufm.org)



## Flint Hills Woodturners **Ya Gotta Eat!**

### Thursday, September 15th

Join fellow FHW members for our next "Ya Gotta Eat" lunch at  
noon at **Little Apple Brewing Company**

1110 Westloop Place, West Loop Shopping Center

Please let me know if you will be able to come so I can get a table to accommodate all of us.

**And bring something for Show and Tell.**

Tom Boley <[tboley10@gmail.com](mailto:tboley10@gmail.com)>

**Flint Hills Woodturners** is a 501(c)(3) non-profit composed of individuals who are interested in learning and promoting the art of turning wood. Formed in March 2015 for hobbyists in the Flint Hill region of Northeast Kansas, the club welcomes all interested people to visit our meetings to get a sample of this inspiring hobby. You will find warm people from novice to expert willing to share with you. Flint Hills Woodturners is a chapter of the American Association of Woodturners.



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The American Association of Woodturners (AAW) is a nonprofit 501(c)(3) organization, dedicated to advancing the art and craft of woodturning worldwide by providing opportunities for education, information, and organization to those interested in turning wood. Established in 1986, AAW currently has more than 15,000 members and a network of more than 350 local chapters globally representing professionals, amateurs, gallery owners, collectors and wood/tool suppliers.

The mission of the American Association of Woodturners is to provide education, information and organization to those interested in turning wood.

## Flint Hills Woodturners Program and Events

 September 3	Back to the Basics: Spindle Turning and Sharpening Techniques	Red Oak Hollow Lathe Works, Wamego
September 13	Skill Enhancement 7:00 – 9:30 PM	Red Oak Hollow Lathe Works, Wamego
September 29	Skill Enhancement 7:00 – 9:30 PM	Red Oak Hollow Lathe Works, Wamego
 October 1	Back to the Basics: Bowl Turning and Chucking Methods	Red Oak Hollow Lathe Works, Wamego
 November 5	Holiday Ornaments, Part 1	Red Oak Hollow Lathe Works, Wamego
 December 3	Holiday Ornaments, Part 2	Red Oak Hollow Lathe Works, Wamego

Unless announced, meetings are held at  
Red Oak Hollow Lathe Works,  
4025 Walnut Creek Drive, Wamego, KS.

Meetings start at 9:00 a.m. but come any time after 8.

