

# ARIZONA WOODTURNERS ASSOCIATION

A Chapter of the  
American Association of Woodturners



## December 2012 Christmas Party

## February 2012 Desert Woodturners Roundup

### Next Meeting:

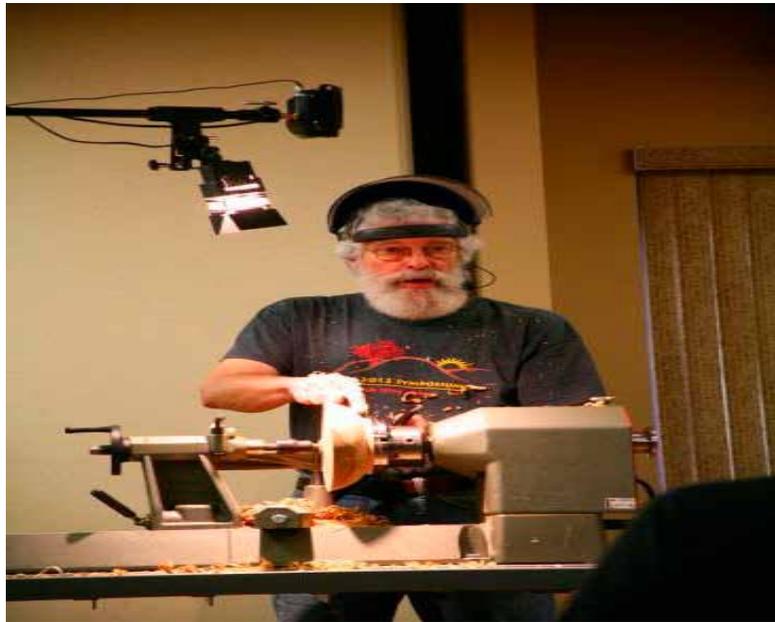
**Saturday,  
December 15th, 2012  
Christmas Party  
Start Time: 12:00PM**

**President's Challenge:  
None, however  
Christmas Ornament  
Exchange**

**Pyle Center  
655 E. Southern Ave  
Tempe, AZ  
(Southern & Rural)**

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The Arizona Woodturners Association is proud to once again host the bi-annual Desert Woodturners Roundup at the Mesa Convention Center February 22-24th, 2013. We will have many great presenters including: Richard Raffan, Malcolm Tibbetts, Michael Hosaluk, Molly Winton, J. Paul Fennell and David Marks.

President's message

by Jason Clark

# ... making Good Shavings

I recently came across a recording I made of some of my family reminiscing about some of the various things we remembered about growing up and the adventures we had. The time at the lake that so-and-so did something, once when we all went that place, were you there when... We weren't talking about anything in particular; just fond memories and stories about times gone by. Of course in the course of conversation the topic of woodturning had to be brought up (as it usually does if I'm around) and I was reminded of my first time using a lathe. It turns out my first exposure to woodturning was much earlier than I previously thought. I bought my first lathe about 8 years ago but I had almost completely forgotten the first time I actually used a lathe. Like many others my first time using a lathe was at the side of my Grandfather. I was probably about 10 years old at the time and on his property he had a hay barn. There was a small shop area built in the front corner, just inside the wide barn doors. It wasn't much, probably not much bigger than 10 feet by 10 feet and the contents were very modest. A band saw, belt sander, diamond blade rock saw, a few various hand tools, and countless baby food jars filled with various nuts and bolts and screws are all that comes to mind.

But over in the corner, underneath the flotsam of horse tackle and spare parts (not to mention a significant amount of dust) was a lathe. I'm pretty sure I only used it the one time; the time we attempted to make a baseball bat. I say attempted because the results were just like the shop: modest and unspectacular. It was perhaps 2 inches in diameter and not much more than 10 or 12 inches long and is now what I jokingly refer to as a "bonker". It turns out that size of the bat was limited by the availability of turning stock. In other words, we had a heck of a time finding a tree branch straight enough that the workbench didn't dance across the room. Somehow we managed to find a decent sized piece of wood and we made it all work. At the end of the afternoon I had a miniature baseball bat that any 10 year old would be proud of. I don't have any idea where that baseball bat went. I don't know what kind of lathe it was or what tools we used. I've long forgotten (if I ever knew) what type of wood we managed to rustle up. None of that stuff really matters. What matters is that I still have the memory of that glorious Saturday afternoon spent with my Grandfather and in the end that's all that really counts.



Thank you for the turn out for David Ellsworth.  
Good shavings to all,

Jason Clark  
President, Arizona Woodturners Association



## Treasurer's Report:

<u>Sept. 2012</u>	Start	Debits	Credits	Transfers	Total
Checking	\$13,521.86	\$20,324.60	\$3,663.00	\$15,000.00	\$11,860.26
Savings	\$24,318.62	\$-	\$0.63	\$(15,000.00)	\$9,319.25
<b>Total</b>	<b>\$37,840.48</b>	<b>\$20,324.60</b>	<b>\$3,663.63</b>	<b>\$-</b>	<b>\$21,179.51</b>
<b>Net</b>	<b>\$(16,660.97)</b>				

Notes \$20,000 paid to Mesa Convention Center for 2013 DWR ahead of schedule.

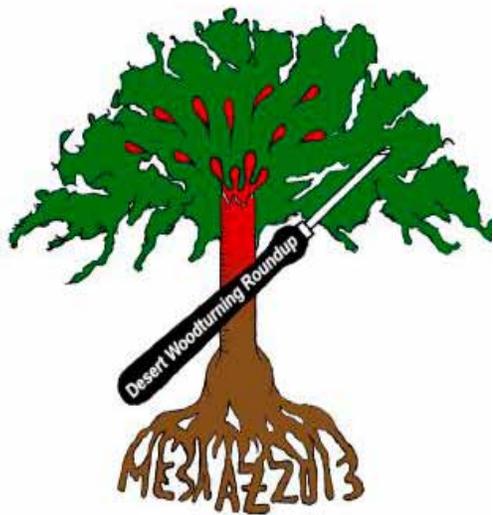
<u>Oct. 2012</u>	Start	Debits	Credits	Transfers	Total
Checking	\$11,860.26	\$549.48	\$11,604.00	\$-	\$22,914.78
Savings	\$9,319.25	\$-	\$0.40	\$-	\$9,319.65
<b>Total</b>	<b>\$21,179.51</b>	<b>\$549.48</b>	<b>\$11,604.40</b>	<b>\$-</b>	<b>\$32,234.43</b>
<b>Net</b>	<b>\$11,054.92</b>				

Notes Credits are primarily DWR registrations

<u>Nov. 2012</u>	Start	Debits	Credits	Transfers	Total
Checking	\$22,914.78	\$6,247.06	\$16,544.00	\$-	\$33,211.72
Savings	\$9,319.65	\$-	\$0.38	\$-	\$9,320.03
<b>Total</b>	<b>\$32,234.43</b>	<b>\$6,247.06</b>	<b>\$16,544.38</b>	<b>\$-</b>	<b>\$42,531.75</b>
<b>Net</b>	<b>\$10,297.32</b>				

Notes Debits are primarily Ellsworth related expenses. Credits are primarily DWR registrations and door fees from the Ellsworth demo

<u>Dec. 2012 MTD</u>	Start	Debits	Credits	Transfers	Total
Checking	\$33,211.72	\$536.68	\$835.79	\$-	\$33,510.83
Savings	\$9,320.03	\$-	\$-	\$-	\$9,320.03
<b>Total</b>	<b>\$42,531.75</b>	<b>\$536.68</b>	<b>\$835.79</b>	<b>\$-</b>	<b>\$42,830.86</b>
<b>Net</b>	<b>\$299.11</b>				



[www.desertwoodturningroundup.com](http://www.desertwoodturningroundup.com)



Library Additions -  
Coming Soon

## Beginner's Corner:

As turners we tend to have a language of our own. This jargon can sometimes be confusing to new turners. Here's a list of some of the most common terms and their meanings.

### **Lathe parts**

**Headstock** – The headstock is normally on the left end of the lathe. The motor, pulleys, and spindle are all contained/attached to the headstock

**Spindle** – The spindle is the primary moving part on a lathe. It is rotated by the motor and when wood is attached the wood will rotate. Normally threaded to accept faceplates, chucks, and other accessories.

**Tailstock** – The tailstock is normally on the right end of the lathe. It houses the quill and has a hand wheel that is used to apply pressure to the wood.

**Quill** – The internal part of the tailstock. It moves in and out via the hand wheel to secure the wood.

**Bed (ways)** – The long flat portion of the lathe. The headstock is usually located at the left end and the tailstock at the right end.

**Banjo** – A moving support structure that allows you to properly position the tool rest at all times.

**Tool Rest** – The tool support. Can be raised or lowered and moved around the lathe via the banjo.

**Live Center** – Normally held in the Quill. Internal bearings allow the point to rotate freely.

**Drive Center** – Normally held in the Spindle. The drive center does not rotate freely so that the rotation of the spindle is transferred to the wood.

**Faceplate** – A circular metal plate that threads onto the spindle. Wood is secured to the faceplate by a series of screws driven through the back of the plate and into the wood.

**Chuck** – Used to secure wood to the lathe via jaws that move in or out to clamp the wood. Chucks allow the wood to be held on one end, leaving easy access to the other end.

continued on page 5

Morse Taper – A specific size and shape machined into the spindle and the quill. A friction fit secures the live center or drive center.

### **Basic Tools**

Spindle Roughing Gouge – Forged out of flat stock, only to be used on spindles.

Spindle gouge – Machined from round stock, normally with a shallower flute than a bowl gouge.

Bowl gouge – Machined from round stock, with a deeper flute and normally a larger diameter than a spindle gouge. This is the primary tool for most woodturners

Parting Tool – Normally used standing on edge, used to part off or reduce the diameter

Skew – One of the oldest tools, also one of the hardest to master. Normally only used on spindles.

Scraper – Another of the oldest tools. Can be used on spindles or faceplate work.

### **Other Terms**

Spindle orientation – Grain running parallel to the ways. Think of a 4" diameter tree branch 3' long mounted on a lathe.

Faceplate (side grain, bowl grain) orientation – Grain running perpendicular to the ways. Most bowl as turned in this orientation as it's easier to cut and the grain patterns are pleasing.

Downhill – Cutting direction where the wood fibers are supported by the underlying layers.

Uphill – Cutting direction where the wood fibers tend to lift and tear as they have no support.

Flute – The concave part of the tool that runs along the length of the steel.

Bevel – The portion of the tool that touches the grinder wheel. The cutting edge is the intersection of the bevel and the flute.

Open – Position where the flute is at or near 12 o'clock. Opening the flute means to rotate the tool so that the flute is closer to the 12 o'clock position.

Closed - Position where the flute is pointing to either 3 o'clock or 9 o'clock. Closing the flute means to rotate the tool so the flute is closer to either 3 or 9 o'clock.

Tenon – Protruding portion of wood that can be held in a chuck or made to fit into a recess or mortise to join one or more pieces of wood such as a lidded box.

Pith – The very center and oldest part of the tree.

Sapwood - Generally lighter colored wood just underneath the bark and cambium layers.

Heartwood - Generally darker center portion of the wood. Usually harder and more stable than the sapwood.

Hopefully these definitions will help you have a better idea what a club member or demonstrator uses one of these specialized terms. We often assume that everyone knows exactly what we're referring to and that's not always the case.

Welcome to the wonderful world of Woodturning!

Jason Clark



# ... from the Editor



First, I want to say thank you to the club for bringing in the grandfather of American Woodturning, David Ellsworth. I enjoyed the demo day and the

hands on class. My summer projects are completed in that I finished the Triumph TR6 dash and the Walnut and Cherry desks for my daughters. The weather has finally broke and it feels like fall. I love it when I can wear jeans and shoes in the shop comfortably. I have been busy making Christmas presents. Several sets of Mesquite Peppermills have been turned with one more to go this weekend. I still have a large Mahogany bowl (blank bought at club meeting) to turn with an idea to burn a gecko onto it, as the bowl is going to Hawaii. Lastly, a couple of Harry Potter style wands are in order for my daughters from Spectra-wood purchased from another club member at the David Ellsworth Demo Day. Lastly, its that time of year I start planning what wood-working adventures and who I want to take a class with in 2013. I have 5 new projects alre dy on my list. Please e-mail me or call me with ideas or articles.

**Chip**



## AWA Hands-on Demonstrators Richard Raffan Feb 2013



Richard Raffan is one of the world's best known woodturners, renowned for his bowls and boxes, as teacher and demonstrator, and as author of classic woodturning books and DVDs. Tens of thousands of woodturners have learned the craft from Richard Raffan's Turning Wood, Turning Boxes, Turning Bowls, Turned Bowl Design, Turning Projects, Taunton's Complete Illustrated Guide to Turning, and The Art of Turned Bowls.

AWA Membership Benefits-  
Discounts: Woodworkers  
Source, Woodcraft, Rockler,  
Timber Woodworking

# Desert Woodturners Roundup 2013



**WE NEED  
YOU!**



The club needs your support. Please sign up for the roundup today!

## Members' Gallery



## Woodturning

2012 Instant Gallery at club meeting. Top right, by Larry Hudson, center two pieces by Jason Clark, bottom left by Ed Jones and bottom right by Ed Pabst.

## Advertisements

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E-mail [chiphidinger@netzero.net](mailto:chiphidinger@netzero.net) to place for free club member ad here.  
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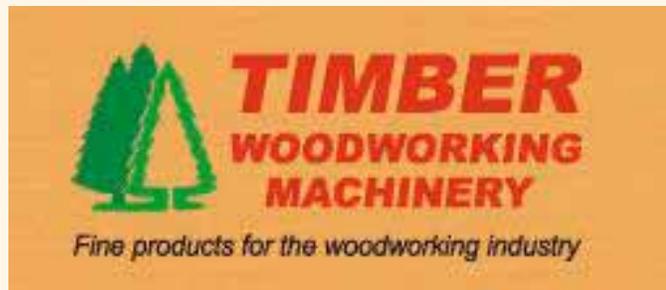
Rules for advertisements: Free ads are available only to AWA members. The deadline for submission or cancellation of an ad is the 10<sup>th</sup> of the month to be placed in that month's newsletter. Ads will only run for one issue unless notified otherwise. If you wish to continue running an ad for more than one month, please advise the editor, Chip Hidinger, by the 10<sup>th</sup> of the month. Also, if you decide to cancel an ad, please notify the editor by the 10<sup>th</sup> of the month.

## Calendar

**NOTE:** The Regular Monthly Meetings are held on the third Saturday of each month at the Pyle Center, 655 E. Southern Ave., Tempe, Arizona. All meetings start at 12:00 pm and end at 4:00 pm unless otherwise posted.

Meetings typically start out with club business, followed by the featured demonstration, and then the raffle and prize drawings. Board meetings are open to all club members and are held every other month one hour prior to the regular meeting.

<u>Date</u>	<u>Demonstrator</u>	<u>Topic</u>	<u>President's Challenge Due</u>
January 19, 2013	Jason Clark - Hollow Forms		Bowls
February 22-24, 2013	Desert Woodturners Roundup		N/A



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The Arizona Woodturners Association newsletter is published quarterly. Inputs are due to the editor by the tenth of each month for inclusion in that month's newsletter.

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