

High Desert Turning

Calendar Year Membership: \$25 individual, \$30 family
 Contact Sheri Luikens at sheri.luikens@gmail.com 250-9410

OFFICERS, DIRECTORS, & COMMITTEES FOR 2015

President:	Bill Mantelli	298-2603	Newsletter:	Roger Umber	249-0444
Vice President:	John Ellis	771-1773	Photographer:	Peter Frazier-Koontz	402-202-7233
Treasurer:	Sheri Luikens	250-9410	Raffle:	Jim Breeden	352-0159
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Webmaster	Mike Gardner	298-3190	Green Wood-ABQ:	Greg Hoefler	228-1606
Logistics:	Gale Greenwood	256-1379	Green Wood SF:	Eric Hester	816-509-1333
Lead Video:	Hy Tran	844-5417	Assistant Video:	Derek Roff	438-1820

NEXT REGULAR NMWT MEETING

March 7, 2015
9:00 A.M. to Noon

Tool Sharpening Systems – Club Members

The March program will present the full range of turning tool sharpening systems commonly in use, and have member presenters give an overview of each system. We will have all the systems set up and available for members to try, so bring a couple of your tools to the meeting!

The systems include standard oxide wheel grinders, the Wolverine jig, Cubic Boron Nitride (CBN) wheels, wet grinding system such as the Tormek, belt sanding systems such as the Sorby, flat-disk systems such as the Work-sharp, and others as available.

Unlike previous demonstrations on sharpening, this session will focus on the systems available rather than the tool techniques themselves.

FUTURE PROGRAMS/ ACTIVITIES

Mar 7	TOOL SHARPENING SYSTEMS
April 4	TBA
June 6	RUDY LOPEZ

PRESIDENTS CORNER



In the early evening of February 9th, with John Ellis as my guide, I made the very very long trip to Santa Fe to attend The Enchanted WoodTurners monthly meeting. After traveling that great distance and having so much invested in the trip, I felt that I had no choice but to join their local chapter. **JUST KIDDING** It's a short drive from Albuquerque, and I planned to join. Their meetings are structured about the same as the NMWT meetings; a little chapter business

New Mexico Wood Turners, Vol. 16, Issue 3 followed by an informative program. Well worth the very very long trip, which is the same distance as Santa Feans travel to the NMWT meetings. For more info about The Enchanted Wood Turners of Santa Fe go to their web page – SFTurners.org.

We're still waiting for a reply from the State Fair Board of Directors about our proposed changes to the Woodturners Premium Book.
Keep Turning and Be Safe,
Bill

2015 MEMBERSHIP DUES

2015 Membership renewals are due!
It is that time of year again to renew your membership for next year!

- A single membership is \$25 for one year, \$45 for two and \$65 for three years
- A family membership is \$30 for one year, \$55 for two and \$80 for three years

Please see our treasurer, Sheri Luikens at the March meeting to renew.

Or, you can mail your renewal check directly to Sheri, make checks payable to NMWT and send to:

Sheri Luikens
13108 Bear Dancer Trail NE
Alb. NM 87112

FEBRUARY 7 PROGRAM SUMMARY

Turning Hollow Vessels Using the Trent Bosch "Visualizer" Hollowing System Presented by Al Mirman

The system consists of a "stabilizer," which is a movable, articulated arm connected to the post (which rests in the lathe's tool rest banjo), and a video system which consists of a video camera (which mounts on the articulated arm) and a monitor (which can be mounted on the lathe motor). The stabilizer also incorporates a tool rest with vertical pins that keep the hollowing tools on the tool rest. The pins are removable, but the post is permanent – 1" diameter. (Trent Bosch might

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be able to make custom versions with different sized posts. Someone in the audience suggested generic post adaptors.) Raising or lowering a set ring on the post allows the cutting tools to be centered on the piece.

The system costs about \$650 (\$300 for the articulated arm, and \$350 for the video camera and monitor).

The stabilizer has a single "elbow" allowing the arm to flex and move in and out. On the business end is a tubular tool holder through which the hollowing tool is inserted. It comes with adaptors for different diameter tool bars. It will hold both straight and gooseneck tools. The articulation points are built with bearings to ease movement.

Al started with a cube-shaped blank and turned the corners off between the headstock and tailstock. He turned a tenon on the tail end, with a slight dove tail. He left a "nub" on the very bottom where the tail stock contacted the piece (small enough to fit into the hole in the center of the chuck). Make sure the tenon is not too deep to allow the shoulder to rest on the jaws of the chuck. The diameter should be as close as possible to the diameter of the chuck almost closed – but large enough to hold the piece.

After shaping the outside of the blank, Al reversed the blank into the chuck and began the hollowing process. He first removed the center of the blank with a gun drill. (A Forstner bit works too.) He presented a diagram with regions of the interior of the vessel defined and sequentially labeled. A straight hollowing tool is used for the first, shallower cuts, and the deeper cuts closest to the center of the vessel. Then, as the cuts move out toward the walls of the vessel, a gooseneck cutter is employed.

Al then created a depression around the drill hole to allow the hollowing tool to dig in without slipping. Then, with the lathe at 500 rpm, began he cutting, moving from the outside toward the center, and being careful to avoid creating "trenches" that can trap the tool. He reminded the

New Mexico Wood Turners, Vol. 16, Issue 3 audience to learn to feel the cutting with your hands and arms since you can't see what's going on inside the vessel. He noted you can almost do this with your eyes closed. Leave a large mass on the base of the blank to aid in stability. (The deepest cuts will be done last.)

After the preliminary cuts, Al engaged the video camera, which is mounted to the end of the stabilizer in the same attachment that holds the hollowing tool bar. He adjusted the camera arm so that the camera was aimed directly down on the cutting tip of the tool. He then used a wet erase marker to outline the cutter directly on the monitor. Then he used the marker to create a quarter inch margin around the cutting tip.

He began cutting, moving the tool deeper and deeper into the vessel. As the tip disappeared inside the vessel, the outline remained on the screen, still aligned with the cutting tip. This allowed a visualization of the tip's exact location inside the vessel. When the quarter-inch margin drawn around the tip reached the edge of the vessel, the wall was a quarter inch thick.

Al used a pencil to draw rings around the outside of the vessel about an inch apart, top to bottom. These showed up on the screen, so as the drawn tip and margin reached each ring, he had a visualization of how deep the cutter was inside the vessel. He reminded the audience to erase the drawn image of the cutter and draw a new one when you replace cutting tips or switch from a straight tool to a gooseneck tool.

Al said to always establish the thickness at the top of the vessel and move down to the bottom. You should never go back up and try to make it thinner, as the vessel could be unable to withstand the pressure.

To finish the bottom, Al reversed the piece again, using a Kirsten mandrel mounted on the headstock with a conical chuck that rested in the mouth of the piece. The tip of the mandrel (lined with sandpaper for a friction grip), rested on the inside bottom of the vessel. The tailstock was

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brought up to secure the piece, contacting the "nub." Using this arrangement, the tenon can be removed and the base can be shaped. The final step would be to remove the "nub" once the piece is off the lathe.

SILENT AUCTION

Silent Auction will be held during each NMWT workshop to raise money for a scholarship fund. The earnings from this fund will be used to reduce member's cost of attending hands-on sessions with professional turner-demonstrators at the discretion of the NMWT Board of Directors.

You may place any item that you think will sell in the auction. Bring only items relating to wood-working or woodturning. There will be auction sheets on a table outside the WWS meeting room. Take a sheet, write the name of the item on the sheet and put your item with the sheet. If you want the item to go for a certain amount, put your name and the minimum bid on the sheet. The Auction will be over at the end of the break. Money will be collected for items sold during the last part of the meeting. All money collected will go into the scholarship fund. Items not sold will be returned to the owner and the owner will remove the items from Woodworkers Supply.

SCHOOLS

Santa Fe Community College www.sfccnm.edu

Santa Fe Community College offers both credit and noncredit courses taught by some of the most prominent artisans in the woodworking field. Classes are offered in the Fall, Spring, and Summer sessions. For more information on SFCC classes, contact club member Al Mirman, one of the Woodturning instructors, at 771-0490. Information can also be found at SFCC's web site.

DISCOUNTS & REBATES

WOODWORKER'S SUPPLY

www.woodworker.com

Meeting Day Specials for the March 7th meeting: It's been arranged--all sharpening supplies (no pages in catalog, it's been set up) have a special discount meeting.

CRAFTS SUPPLY

www.woodturnerscatalog.com

Offers a discount to members on large orders. Craft Supply has implemented a new club support program. Visit their web site or phone Kathy Lawrence at 1-800-551-8876

ALBUQUERQUE HARDWOOD LUMBER Co

NMWT members receive Wholesale Prices. ABQ Lumber has hardwoods, Thermofused Melamine, plywood, veneers, and furniture grade white pine.

STOCK BUILDERS SUPPLY

www.stockbuildingsupply.com

5815 Edith Blvd NE
Albuquerque, NM 87107
(505) 345-2865
Wholesale Prices to NMWT Members

ALBUQUERQUE EXOTIC WOODS

www.abqexoticwoods.com

Jake Jacobson has a store specializing in exotic woods, located at 4224 Menaul Blvd NE.

Hours: Tuesday through Sunday, 8:30 – 6:00.
(Monday by appointment)
Contact: (505) 293-WOOD (9663)

CRANE MOUNTAIN WEAPONS

Contacts: Pat, Marti, or Joe - 271-0797. This business uses exotic woods for gunstocks and sells off-cuts as turning blanks.

LUMBER & MILLING SERVICES

Wes Thompson 505-384-2544
Doug Malmstrom 505-907-3015
Custom milling of your lumber or ours.

FOR SALE

Remember, your items for sale will run for one month unless you request an extension. There is no charge for listing items, and we welcome members to use this space for anything related to woodturning.

For Sale: Delta Midi Lathe Mod. LA200



1X8 Thread Drive Shaft. Like New, has been used less than 50 hours.

Included Additional Items: Mounted on adjustable height table with caster/brakes. Set of Mini-turning Tools, 24 space Lockable Indexing Wheel, 6 Speed Pully, Knock-out Punch



\$500 Takes it all
Ken Pilkington, 505-883-0223
keplr@q.com

You can also run an ad to FIND or TRADE something.

INSTANT PHOTO GALLERY

The photographer will only be available until 8:45 A.M. on the day of the meeting to take photos of the instant gallery items.

Due to technical difficulties, there are no pictures of the February's Instant Gallery. If you would like to bring your items back for photography, they will be in a future newsletter.

MENTORS

Members are always welcome to contact the people on the following list for guidance to better turning ideas, and techniques -- Free to members so give a Mentor a call!

Name	Phone	Description
Bill Zerby	New # 263-6632	Basic spindle turning & tool sharpening

Name	Phone	Description
Dan Shipman	296-9754	Basic turning, hollowing & segmented construction
Irling Smith	865-9230	Segmented turning & design
John Ellis	771-1773	Basic turning, plates, tools & handles
Alan Becker	467-8382	Intermediate Hollowing
Ron Phillips	867-0612	Specialty tools, rests & steadies
Ralph Watts	792-4860	Advanced turning, carving, coloring, and finishing
Ron Bahm	881-8845	Pen turning

LOGO WEAR SHIRTS/ SMOCKS



NMWT OFFERS CUSTOM TURNING SMOCKS

After much looking I have finally found a domestic source for a quality turning smock. A picture accompanies this article. The smock design and material are identical to that offered by AAW. The smocks come in five colors: Royal Blue, Navy Blue,

Burgundy, Tan and Grey and in seven sizes: S, M, L, XL, XXL, XXXL, XXXXL. The smocks are sized to fit over a shirt so if you wear an L shirt you should order an L smock. AAW sells their smocks online for \$50 plus about \$9 shipping and handling plus \$3 extra for your name (added here). NMWT will charge \$50 per smock with NMWT logo plus \$3 for your name if desired. The price includes sales tax. The XXXXL size is \$3 extra and there is no price break for volume. A company in Colorado is manufacturing the smocks.

Normally, if you order and pay for an item at one meeting I can have it at the next; however, if you say please and buy me a cup of coffee, I can probably have it in two weeks.

Prices for NMWT's Shirts and Hats

Long Sleeve Denim Shirt	\$27.00
Short Sleeve Denim Shirt	\$25.00
Polo (golf) shirt	\$22.00
Short Sleeve T-Shirt	\$15.00
Caps (baseball)	\$11.00

- All items include embroidery
- Add \$2 for XXL and \$3 for XXXL
- Names Embroidered on Shirt \$3.00
- Logo on Customer Supplied Garment \$9.00
- Contact: Tom Cour: 867-8771

LIBRARY CORNER

A good selection of educational DVD's are available for check out during club meetings

NMWT WEB SITE

www.nmwoodturners.org

Please visit our web site. Webmaster Mike Gardner continues to made many additions and improvements that are very useful to club members and the public. If you have not been there lately we now have a slide show on the Home Page and the Gallery is divided into sections with slide shows.

NEWSLETTER ENTRIES

If you have tips, news, "For Sale" or newsletter entry (try to stay 250 words or less, no embedded photos ; send photos as separate attachments), Please send it to news@nmwoodturners.org for publication in a future newsletter. **Must be received by the last Saturday of the month to make the most current newsletter.**

SUGGESTED OTHER WEB SITES

Found a good WEB site? Want to share it with other club members? Questions or suggestions are welcome. Please contact the club Webmaster Mike Gardner at: webmaster@nmwoodturners.org

www.cleanturn.net, www.pennstateind.com,
www.tufftooth.com, www.woodmagazine.com
www.penturners.org, www.woodturnerscatalog.com
www.WoodTurningz.com, www.woodweb.com
www.woodturningvideosplus.com
www.sofasandsectionals.com/wood-turning-resources
www.woodworkersjournal.com

Another resource is:

www.albuquerque.craigslist.org

**New Mexico WoodTurners
c/o Roger Umber
12520 Piru Blvd. SE
Albuquerque, NM 87123**

