

High Desert Turning

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

OFFICERS, DIRECTORS, & COMMITTEES FOR 2014

President:	Bill Mantelli	298-2603	Newsletter:	Roger Umber	249-0444
Vice President:	Nate Davey	910-964-8008	Photographer:	Peter Frazier-Koontz	402-202-7233
Treasurer:	Sheri Luikens	250-9410	Raffle:	Jim Breeden	352-0159
Secretary:	Larry Linford	870-1601	Librarian:	Pat Beatty	710-2497
State Fair:	Jim Breeden	352-0159	Equip/Workshops:	John Ellis	771-1773
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

December 6, 2014
9:00 A.M. to Noon

2015 Program Planning and Annual Gift Exchange

Bring an unwrapped item — something to do with woodturning, such as wood, tools, jigs, or ?? The more people participating, the more fun we have.

You'll get a numbered ticket. When your number is called at random, return your ticket, pick the next ticket, then pick a gift.

In the likely occurrence of there being more gifts than tickets, there will be a second drawing of tickets until there is no gifts left.

Easy, no?

Then... What demos would you like to see next year? Don't complain if you don't vote!

FUTURE PROGRAMS/ ACTIVITIES

Dec 6	GIFT EXCHANGE / PROGRAM PLANNING
Jan 3	BOWLS WITH FLUTES

NEW MEXICO WOODTURNERS NOW A NON-PROFIT

Our status as a Federal 501(c)(3) Non-profit organization was just approved. A separate broadcast email with all the details will be sent.

PRESIDENTS CORNER

I hope you all had a great Thanksgiving.



The December 6 meeting, as in years past, will be a two part meeting. Part 1 will be our annual Christmas gift exchange, and Part 2 will be choosing program topics for the upcoming year.

December 6, 2014

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Again this year, the Board of Directors voted to augment the gift exchange with turning blanks purchased from Albuquerque Exotic Woods. The board allocated \$200.00 for the purchase of turning blanks and Jake Jacobson, owner of Albuquerque Exotic Woods, donated an additional \$100.00 worth of blanks to us. Thank you Jake, we appreciate your support.

Last year more than 90% of us that attended the meeting participated in the gift exchange and I think every participant brought a great gift and went home with a great gift.

Part 2 of the meeting will be your chance to help the board by letting us know what topics you would like to see presented at next years' meetings.

If you haven't paid your membership dues for 2015 yet, Sheri will be at the meeting to take your cash or check.

Thanks, 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 treasurer, Sheri Luikens at the December 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

NOVEMBER 1 PROGRAM SUMMARY

Jake Jacobson ... Preparing, repairing, and stabilizing blanks

Background

Jake is the owner of Albuquerque Exotic Woods. He is a native of Albuquerque, joined the Marines and served his country. Joined the police force and served his community. His interest in woodworking came at age 3 when he started drilling holes with a brace and bit. As a teenager he was a construction worker and also a cabinetmaker and furniture builder.

Once after cutting down a tree, John Heston asked him if he could have the wood. Curious, Jake asked why and was then introduced to the concept of wood turning. He later went to Woodcraft and turned a goblet ... He was hooked after that.

Presentation

What do you do with problematic wood, i.e., wood with cracks, voids, too green, checked, or has bark inclusions? Jake's answer is to ***take the flaw and turn it into a masterpiece.***

Jake's presentation focused on the techniques and methods of dealing with difficult woods. These include: inlay, stabilizing wood, making repairs, special mounting considerations, and working with green wood.

Inlay

It is not always necessary to fill in a check or void. Leaving voids, checks, or cracks can be a great accent. When you do decide to use inlay to fill in a void, it is used often to stabilize the piece. Jake recommends turning the piece between centers and then getting it onto a chuck. Turn the basic form and then fill in the inclusions. This helps to conserve inlay material that would be wasted as the piece is turned from the rough to its final shape.

There are many materials that can be used as inlay. Some include: Stone, sand, wood shavings, glues, colored epoxies (which are strong and turn off easily), ground bark, powdered metal, brass filings from keys, popcorn kernels, twisted silver wire, and etc.

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Many materials will dull tools quickly, so have a sharpener close by.

To fill a void, first apply the dry inlay material and then use a thin CA glue. Follow up with medium CA, which helps to fill the voids. Using a medium viscosity CA at first does not allow sufficient penetration. One of the benefits of using CA glue is less waste and faster setup.

Fill large voids with sawdust first and then apply CA. Fill in the remaining void with your desired inlay material afterwards. This conserves the inlay material. Use vibration to help settle the inlay material to reduce the number of voids.

When applying CA glue to a void, it often happens that it penetrates into the surrounding wood and stains or darkens it. One way to stop the staining is to put a coat of finish on the wood first. Another problem is leakage, i.e., the glue runs onto wood. An approach to solving this problem is to build up small mounds of inlay to help stop leakage and then fill between mounds.

One word of caution -- don't use CA glue with anything structural, i.e., segmented turning or glue ups. It will not hold up. Use a Titebond glue instead. There are also new CA glues that are coming out that contain rubber. The rubber helps to reduce brittleness. The brand that he recommends is 2P-10.

Stabilizing

Stabilizing wood involves replacing the air in the wood with a stabilizing material. On smaller projects, thin CA can be used to soak into the wood to stabilize it. On larger projects you may either soak the wood in a poly resin for an extended period of time or use a vacuum pot to remove the air and allow penetration to occur as the vacuum is released. Jake recommends using a vacuum pot to stabilize wood.

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Cactus Juice is the very popular resin on the market right now. It is used with a vacuum chamber and is cured with 200 deg F temperature. Jake showed the vacuum chamber that he uses: a metal pot, 1/2 inch plex glass lid with vacuum gauge.

The TurnTex website, vendor for Cactus Juice, uses the following procedure for applying Cactus Juice. Put the blanks in the vacuum chamber and weigh them down. Add Cactus Juice until the blanks are submerged. Turn on the pump to remove the air until all air bubbles stop coming from the blanks. This is about 24" Hg pressure at our elevation. This process takes about an hour. Release the vacuum and allow the blanks to equalize for about 30 minutes. Dry the blanks with a paper towel, wrap them in tin foil, and bake them in an oven at 200 degrees Fahrenheit for approximately 1.5 hours.

Cactus Juice can be purchased on line at Turntex.com. The current cost is \$90 per gallon or \$17 for 16oz (not including shipping). It can be reused.

When turning larger blanks that need stabilizing, turn the piece thick, like you would if you were turning green wood, stabilize the wood, then turn it down later. This will save the expense the stabilizer that is ending up in the shavings.

Another suggestion when turning woods of uncertain stability is to use shrink wrap to help keep wood together on the lathe. Always wear a face shield. If you would like someone else to stabilize the wood for you, Albuquerque Exotic Woods will stabilize wood for \$20 per pound.

General repairs

Have you ever blown out the bottom of a bowl? Try adding an accent piece, i.e., a segmented ring, to the bottom to cover the blowout. The same can be done for blown out sides.

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Sometimes checks in a piece can be turned out and repair may not even be necessary. Using sawdust from the piece that your turning blends well with the wood and makes repairs less obvious. Remember that CA will darken lighter woods. Sometimes you can cover this up using coffee grounds to darken the wood and hide the stain.

Mounting

When mounting wood on a chuck, Jake prefers to use a mortise instead of a tenon. This reduces waste wood. If the wood is at all checked, then the tenon is a better option to prevent fracturing the piece when tightening the chuck. Gluing a waste block to the wood is also an excellent option.

Greenwood

Turning green wood is fun! As you turn the wood it will lose moisture and shrink, so tighten your chuck periodically. Sometimes it is useful to keep spraying the wood with water as you turn to keep it from drying. If you are going to do a green project from start to end, then finish the project all at once.

If you will be drying the wood and turning it later, then shape wood and leave the walls of the vessel at least $\frac{3}{4}$ - 1" thick. Place the piece in a paper bag along with the wet chips, date the bag and wait. The wood will warp as it dries. When returning to work on the piece after it has dried and warped, put it between centers, true up the shape and re-chuck the wood. Sometimes it may be difficult to re-chuck. You may try putting the wood against a face plate that is covered with sand paper and then applying pressure with the live center to keep it in place as you true things up.

Moisture meters are useful in telling you when the wood is dry, but you needn't spend lots of money on a moisture meter. The ones that Harbor Freight sells cost only \$15 are perfectly acceptable. Of course, you can always just

weigh the wood. When it stops losing weight, it is dry

Jake then showed a number of problematic pieces of wood and had the audience suggest ways in which to deal them.

One question from the audience sparked some good discussion. What are food safe finishes? Some answers include using a salad bowl finish, epoxy, armor seal, shellac, polyurethane (after it completely outgases in 60-70 days), and raw flaxseed oil (about the same as linseed oil). Stay away from nut oils to prevent problems in people with allergies.

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

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instructors, at 771-0490. Information can also be
found at SFCC's web site.

December 6, 2014

Doug Malmstrom

505-907-3015

Custom milling of your lumber or ours.

DISCOUNTS & REBATES

WOODWORKER'S SUPPLY

www.woodworker.com

Meeting Day Specials for the Nov. 1st meeting: are
Pentacryl, Polycryl, epoxies, and CA glue.

Because they are located on so many different pages
in the catalog, the specials are listed by name at the
WWS counter.

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.

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.

**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.



Ray Berry – Box Elder Natural Edge Bowl



Jose Sena – Buckeye Hollowform (Jack
O'Lantern)

LUMBER & MILLING SERVICES

Wes Thompson

505-384-2544



Taz Bramlette - Red Maple Burl Hollowform



Tom McLarty - Cedar Maple Pepper Grinder



Kathy Knorr, bowl, curly box elder



Jeff Miller - Cherry Box /with pecan finial,
Dogwood Hollowform, Piñon Hollowform



Scott Eckstein – Pine Barrel



Hy Tran - Rosewood Platter



Don – Curly Maple Seg. Bowl

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
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 Ueber
12520 Piru Blvd. SE
Albuquerque, NM 87123**

