



# High Desert Turning

Calendar Year Membership: \$20 individual, \$25 family Contact Hart Guenther

[hdguenther@earthlink.net](mailto:hdguenther@earthlink.net) or 275-3142

## OFFICERS, DIRECTORS, & COMMITTEES FOR 2010

<b>President:</b>	Tom Cour	867-8771	<b>Logistics:</b>	Gale Greenwood	256-1379
<b>Vice President:</b>	Ron Bahm	881-8845	<b>Newsletter:</b>	Bobby Dickson	681-7685
<b>Treasurer:</b>	Hart Guenther	275-3142	<b>Photographer:</b>	Bill Kalb	771-1376
<b>Secretary:</b>	Rich McCartney	792-9440	<b>Raffle:</b>	Harley Meuret	891-2170
<b>State Fair:</b>	Bill Mantelli	298-2603	<b>Librarian:</b>	TBA	
<b>Webmaster</b>	Dave Stein	266-0356	<b>Equip/Workshops</b>	John Ellis	771-1773

### Next Regular NMWT Meeting:

**May 07, 2011**

**9:00 AM to 3:00 PM**

**Lunch available for \$5 at the door.**

### May 7th Program Intro

Molly Winton, professional, will demonstrate: Her techniques to enhance hollow forms, including pyrography, texturing, and carving. Find out more info at these sites:

[www.turningmaven.com](http://www.turningmaven.com)  
[nmwoodturners.org](http://nmwoodturners.org)



### Space Available!

### May 8<sup>th</sup> Hands-on Workshop

Molly Winton will present a one-day, 9:00 AM to 4:00 PM **hands-on workshop** focusing on the techniques she will be presenting at the Saturday club meeting. **There is still one space available for this workshop**, where a lathe and workstation will be provided to each of six participants.

The fee for the entire day is \$100. If you are interested in attending, please contact John Ellis at 771-1773, or email him at [NMWTwebman@aol.com](mailto:NMWTwebman@aol.com).

### Future Meetings

May 07	<b>Molly Winton-Surface Treatment</b>
June 04	<b>Dave Stein –Turning Wooden Machine Parts</b>
July 02	<b>To be Announced</b>

If you would like to participate in any of the above or have ideas for a program or topics, please contact Ron Bahm at 881-8845.

### *April 02 Program Summary*

## **Woodturned Jewelry by Al Mirman**

Al Mirman is as a woodturning instructor at Santa Fe Community College, a member of New Mexico Woodturners and a frequent demonstrator at our Club meetings as well as an exhibitor at many of the venues such as the State Fair. He has been a woodturning instructor for ten years.

Al began his presentation by showing us a chuck adapter device called a Joyner Pendant Plate. The device has numerous indexed eccentric holes that allow you to change the position of the pendant blank with relation to the centerline of the lathe. You can view this product at [torne-lignum.com/Pendant-chucks.html](http://torne-lignum.com/Pendant-chucks.html). An instructional video by Ed Davidson is also available at the website. Al used this product to demonstrate turning a ~2" diameter pendant.

He passed around several pendants that he had made from a variety of woods. One of the more interesting was an Italian product called "color ply", a composite of different colored materials.

He took a poplar disc that he had cut round on the bandsaw. He sanded one side flat on a flat board on which several grades of sandpaper had been glued. He attached the flat face of the block to the flat face of the Joyner Pendant Plate with double sided tape. The plate with the poplar block was attached to a chuck mounted in the lathe. He turned the block round almost to the diameter of the Joyner plate then trued the

outboard face. He likes to use sanding sticks to get the face very flat. This is the face to which the pendant blank will be attached, also with double stick tape. The pendant blank can be pressed onto the poplar blank by bringing up the tail stock. The pendant blank is larger than the poplar block so that the edges of pendant can be rounded. With a spindle gouge using nearly a scraping cut he thinned the pendant blank then rounded the edges. He then remounted the Pendant Plate off center and drilled a hole for the chain or thong to which the pendant will be attached. Once again using the spindle gouge, he rounded the edges of the hole. He sanded the pendant at this point with all grits through 4000. Using a couple of different center points he cut decorative grooves in the pendant with a 1/16" parting tool. As each center was established, he marked, with a pencil, the arc he wanted to cut to: 1) make sure it didn't hit the hole drilled previously and; 2) serve as a guide for placing the parting tool. He finished the pendant by applying a coat(s) of Minwax Antique Oil.

His next project was a bracelet or bangle. He passed around a box of bracelets he had made previously from a variety of woods, some of which had been dyed or had been coated with Briwax Liming Wax. He said the hardest part of making a rigid bracelet was achieving the correct inside diameter. Most bracelets have an ID of 60-80 mm but should be custom fitted or sized from an existing piece that fits the person for whom you are making the bangle.

He started by attaching a 4" diameter blank to a face plate with double sided tape. Using a Jacobs chuck he drilled a 3/8" hole through the blank. Using a Talon or similar chuck with #2 jaws with a screw chuck mounted he first installed a 1/4" thick disc (with a pre-drilled 3/8" hole) with an outside diameter sufficient to cover the jaws. The blank was mounted on the screw chuck via the 3/8" hole previously drilled. The block was turned round and "faced". The bracelet blank was turned round with a spindle gouge. Then with a divider the ID was scored at

60mm and the OD at 100mm. With a parting tool the ID groove 14mm deep was made. The spindle gouge was used to round over both the inside and outside edges. He used masking tape to tape the bracelet to the chuck. The bracelet is now parted off and reversed and "inside chucked". The shape of the bracelet is adjusted as desired and the inside diameter is tweaked to fit. The chucking may have to be reversed a few times to get the shape and fit desired. The ridge is removed by a cylinder of wood with a tenon at one end and wrapped with strips of sandpaper in a number of grits. Simply chuck the sanding cylinder in the lathe, slide the bracelet over the cylinder, bring up the tail stock, turn the lathe on and sand away the ridge. Now re-chuck the bangle carefully and apply the finish of your choice. Al likes Briwax Liming Wax, sometimes over a dye.

Thanks for the Workshop Al! Well done as always. I may actually try to make some of these pendants and bangles.

- Presentation notes by Tom Cour

---

### ***President's Corner***

Presidents Corner will resume in the June Issue. We wish Tom a safe trip home and best wishes to him and his family.

---

### ***Power Tool Repair***

#### Power Tool Repair by Tom Cour

I use a Sioux angle grinder to sand turned pieces on the lathe. This power tool is an angle drill and not designed to operate in the atmosphere of very fine sanding dust. This fine dust penetrates the tiny bearings in the tool and absorbs all the lubricant and the bearings fail. The bearings in this tool are

shielded but not sealed. After talking with Jose Martinez at Power Tool and Saw Service, I found out that the small bearings in the Sioux grinder must be ground off and that Motion Industries is a good place to buy bearings.

I bought **sealed**, not shielded bearings, at Motion Industries and took them to Jose for installation. Cost of the bearings was about \$5 each and the installation was about \$45. The new price for the Sioux is around \$170. A little bit of dilemma here i.e. how many times do you put new soles on a pair of \$150 shoes?

Following are the names and addresses of the pertinent places of businesses:

<b>Bearings</b>	<b>Repairs</b>
Motion Industries Service 3208 Vassar NE Albuquerque	Power Tool and Saw 2800 Richmond Dr. Albuquerque

#### **Sharpening**

Precision Sharpening  
3018 Princeton Dr.  
Albuquerque

All of the above are in Albuquerque and are located between the Candelaria/Carlisle intersection and I-25. The owner of Precision Sharpening, Shawn Tuttle, presented a workshop at AWA on September 10, 2005

---

### ***Diamond Grinding Wheels***

#### Notes on Diamond Impregnated Resin Grinding Wheels by Tom Cour

We just completed a group purchase (10) of diamond impregnated resin grinding wheels from the Woodcraft Store in Albuquerque. I passed out the last of the wheels at the

Workshop on April 2. On the previous day I received my copy of the American Woodturner, the AAW Journal. In that Journal is an article by Bill Neddow and, you guessed it, grinding wheels. He describes the grinding wheels on the market and mentions the pros and cons of each. In the article he says that diamond wheels should never be used on steel since the carbon (diamond is pure carbon) migrates into the steel and will soon be depleted from the wheel. Bill Zerby, our resident metallurgist, was at the April workshop and I asked him to comment. He said that diamond grinding wheels had been used on steel for over 30 years. He did say that if the wheel is run so that the peripheral speed (not rpm but the linear speed of rim of the wheel) exceeds 4500 feet per minute then the wheel will run hot and diamond (carbon) will migrate into the steel. BUT, he said that if an 8" diameter diamond wheel, such as our group purchased was run at 1725 rpm the linear speed of the rim will be 3618 FPM, then the integrity of the wheel should be conserved. Bill also said that he has been using the same wheels (that we purchased) for two years with no sign of degradation. When I talked to the Woodcraft Tech Service Representative he also told me not to run the wheel faster than 1725 rpm. Bill said that one diamond impregnated resin wheel should last as long as 10 aluminum oxide wheels. Bill also pointed out that our diamond wheels are mounted on a four pound aluminum wheel, a very good heat sink, which helps keep the diamond surface and the steel being sharpened cool.

Bill also recommends the following:

1. Dressing the wheel = Use a standard dressing tool (as used with aluminum oxide wheels) with the wheel rotating at 1725 or slower every few months. This results in a uniformly smooth grinding surface.

2. Conditioning the wheel = With the diamond wheel running at 1725 or slower use an old aluminum oxide wheel of almost any grit to clean the metal particles from the wheel which exposes a fresh diamond surface. Bill told me if he was turning all day, he would do this cleaning operation once a day. Conclude that the cleaning should be done every six to eight hours of normal turning/sharpening.

---

### ***South Broadway Library Exhibit***

---

We have made arrangements with the South Broadway Cultural Center for our members to display their turnings, May 4th through June 13th. This is a great opportunity for us to promote woodturning in a different venue. There are three display cases available, and one is big enough to hold reasonably large turnings. It would be nice to fill all three cases, so bring a few turnings and show off your work. Bring your turnings to the South Broadway Cultural Center, 1025 Broadway SE. Check in will be Wednesday May 4th from 10:00 am until 12:00 noon and pick up will be Monday June 13th from 10:00 am until 12:00 noon. If you have a problem with check in or pick up, please call Gale Greenwood at 256-1379 or Bill Mantelli at 298-2603 to make other arrangements. Thanks for your participation.

---

### ***Woodcraft***

---

The Albuquerque Woodcraft store closed for business on April 2, 2011. We wish Phil and Becky Weaver all the best and thank them for the years of support they gave to New Mexico Wood Turners.

If you have Woodcraft gift cards won in prior raffles, they may be redeemed on-line at [www.woodcraft.com](http://www.woodcraft.com).

---

### **Classes**

---

#### ***Santa Fe Community College***

[www.sfccnm.edu](http://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 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***

#### ***Meeting Day Sale***

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

The specials for May 7 are Dyes, Stains, Aniline Dyes, Colorants pages 18, 19, 20 of WWS catalog #251.

#### ***Crafts Supply***

[www.woodturnerscatalog.com](http://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, Lampine Thermofused Melamine, plywood, veneers, and furniture grade white pine.

#### ***Oneway Manufacturing***

[www.oneway.on.ca](http://www.oneway.on.ca)

Any member who may want to receive sales email direct from Oneway, please provide Alan Becker with your name and email address. Alan's contact information is below.

Check their web site [oneway.on.ca](http://oneway.on.ca) for products.

20% discount on most products plus shipping!!!!

25% discount on most products and free shipping on individual orders over \$850.00. Combine your club orders and take advantage of this sale!!!!

Sale does not include lathes!!!!

Contact for more information:

Alan Becker 505-467-8382

[alan-becker@comcast.net](mailto:alan-becker@comcast.net)

---

### **For Sale!**

---

The NMWT's will be selling the club magazine collection in the following seven sets. We are accepting bids for each complete set only. The bidding will run for two months (May & June) for both the Woodturners and Woodworkers clubs in ABQ. If interested in bidding, submit your bid and the name of the set you are bidding on to [magbids@nmwoodturners.org](mailto:magbids@nmwoodturners.org). If you have questions, submit them to the same e-mail address.

#### **Woodturning - Set 1 - Issues**

1-159, except 46, 50, 52, 54, 68, 100, 128, 143 (151 Issues) [08/90-03/06]

#### **Woodturning - Set 2 - Issues**

56-60, 65, 67, 69-70, 72-74, 77, 79, 85, 90, 93, 96 (18 Issues) [10/97-02/01]

#### **WOOD - Set 1 - Issues**

1-164, except 7-11, 13-15, 44, 59 (154 Issues) [09/84-09/05]

#### **WOOD - Set 2- Issues**

5, 16, 21  
29-129, except 32, 39-40, 43-44, 47-48, 70, 78, 112, 115-116, 118, 120-121, 123-126, 128



(84 Issues) [06/85-12/00]

**American Woodworker – Issues**

13, 20-24, 26-40, 42-47, 49, 54, 56-60, 63-68, 70-71, 82

(43 Issues) [04/90-10/00]

**Fine Woodworking – Issues**

54-55, 57, 82-83, 85-117, 120

(39 Issues) [09/85-09/96]

**Woodwork – Issues**

1-13, 15, 17-22, 24-30, 34-39

(33 Issues) [Spring/89-06/96]

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?**

The Club is still providing the “For Sale” Table on meeting days. Bring your unwanted items , tools, wood, etc.

***Instant Gallery Photos***

**Carl Gonzales - Mesquite Bowl**



**Bill Mantelli - Natural Edge Honey Locust**



**Dan Shipman - Zebra & Bucote Segmented**



**Alan Becker - Cherry Carved**



**Ralph Watts - Mesquite**



**Ralph Watts - Elm**



**Ed Hume - Cypress & Turquoise**



***NMWT Mentor List***

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!

<b>Name</b>	<b>Phone</b>	<b>Description</b>
Bill Zerby	891-9188	Basic spindle turning & tool sharpening
Bob Clancy	281-4469	Basic turning & bowl turning
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
Red Hollenbach	823-2260	Basic turning & small items
Ed Hume	291-9792	Preparation, inlay & polishing Turquoise
Ron Phillips	867-0612	Specialty tools, rests & steadies
Janet Smith	823-2439	Pen turning & finishing

***Library Corner***

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

***Logo Hats & Denim Shirts***

**Prices for NMWT's Shirts and Hats**

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

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

---

### ***Lathes***

---

NMWT owns several lathes, which may be checked out. New members who have yet to purchase their own lathe are encouraged to take advantage of this club benefit. If you meet or hear of someone who might benefit from this resource, please pass their name on to John Ellis.

---

### ***Web Sites***

---

#### **NMWT**

[www.nmwoodturners.org](http://www.nmwoodturners.org)

Please visit our web site. Webmaster Dave Stein 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.

Found a good WEB site? Want to share it with other club members? Then send the info to our web site at:

[www.nmwoodturners.org](http://www.nmwoodturners.org)

Questions or suggestions are welcome. Please contact the club Webmaster Dave Stein at: [dave@seriouslight.com](mailto:dave@seriouslight.com)

#### ***Suggested Web Sites***

[www.cleanturn.net](http://www.cleanturn.net)

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

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

[www.woodmagazine.com](http://www.woodmagazine.com),

[www.penturners.org](http://www.penturners.org)

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

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

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

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

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

For those of you who have equipment or material for sale, you can have it posted here in our newsletter, but another resource is:

[www.albuquerque.craigslist.org](http://www.albuquerque.craigslist.org)



**New Mexico WoodTurners**  
**c/o Bobby Dickson**  
**11620 Wild Horse Trl SE**  
**Albuquerque, NM 87123**

