



High Desert Turning

Calendar Year Membership: \$20 individual, \$25 family Contact John Vogel
jvogel20@comcast.net or 798-9769

OFFICERS, DIRECTORS, & COMMITTEES FOR 2010

President:	Tom Cour	867-8771	Logistics:	Gale Greenwood	256-1379
Vice President:	Ron Bahm	881-8845	Newsletter:	Bobby Dickson	681-7685
Treasurer:	John Vogel	798-9769	Photographer:	Bill Kalb	771-1376
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State Fair:	Bill Mantelli	298-2603	Librarian:	Tom Doering	994-1709
Webmaster	Dave Stein	266-0356	Equip/Workshops	John Ellis	771-1773

Next Regular NMWT Meeting:

Nov 6, 2010
9:00 AM to Noon
Texturing, Carving, and Piercing.

Nov Meeting Program

The Nov program will feature Al Mirman demonstrating Texturing, Carving, and Piercing. Al is an instructor of woodturning classes at Santa Fe Community College, and many of us owe Al a debt of gratitude for guiding our skill development. He is an excellent presenter – not to be missed!

If you would like to participate, in future programs contact Ron Bahm.

Future Meetings 2010

Nov	Al Mirman
Dec	Christmas Gift Exchange/ Ideas For 2011 Programs

If you have ideas for a program or topics, please contact Ron Bahm at 881-8845.

October Program Summary

Tools, Jigs, and Tool Handles
By
Dan Shipman, Ken Pilkington
and John Ellis

Dan, Ken and John are well known to the members of New Mexico Woodturners. All three have served in leadership roles and have been leaders in the organization and hosting of hands-on tool making workshops over the years. In fact later this month John will host and Dan will lead a hands-on workshop to build the famous Shipman Bandsaw Jigs.

Dan Shipman

Dan started off the workshop with a PowerPoint presentation featuring a variety of shopmade turning tools and fixtures. (Note: All PowerPoint presentations were assembled by John Ellis) Dan's steel sources are ENCO, a mail order firm, for high speed steel and drill rod and Choice Steel in Albuquerque for mild steel materials such as angle iron.

He showed pictures and physical examples of several scrapers and a few skewers. He usually

silver solders high speed steel tool ends to mild steel shafts. Dan customarily uses a 120 grit green stone for shaping and a 60 grit friable stone for sharpening. Some of his scrapers that he uses for small turnings were fashioned from Allen wrenches.

Dan's wife, Pat, an accomplished turner in her own right who primarily does deep hollowing on the large Powermatic lathe, encountered a problem with the tail stock. The tail stock on the large Powermatic weighs in the neighborhood of 80 pounds and must be removed from the ways to use the boring bar rig she uses for deep hollowing. Dan and Ken Pilkington designed and built a fixture that is attached to the end of the lathe and effectively allows the lathe operator to swing the tailstock out of the way without having to lift an 80 pound dead weight.

Dan also showed pictures of a polishing (buffing) rig, a carving stand made from parts obtained at a surplus store and a cheap four jaw chuck, a small spray booth complete with a turn table, and a heated cabinet for storing materials that shouldn't be stored cold. The cabinet used a 15 watt light bulb as a heat source and a horse trough thermostat as the controller. He also showed a hand made cone for holding a piece while the bottom was finished. Finally he showed pictures of what we made at our hands on workshop on October 30th.

Dan is a great mentor. If you want to know more about any of the tools or jigs he showed he wouldn't mind a phone call.

Ken Pilkington

Ken combines welding, heat treating and machining with his tool making. He also provided a PowerPoint presentation of a variety of shop-made tools. His display included hollowing tools, chatter tools and hook scrapers. For many of his smaller tools he used golf club grips as handles. Golf club

grips are designed to permit the club to be firmly gripped during the swing to hit the golf ball and also serves to do the same for the woodturner.

Some of Ken's tools were made from drill rod. He first chucked the rod in the lathe and drilled an appropriately sized hole in one end then heated the rod and bent it to the desired shape. The hollowing tools he makes were fitted with 1/4" cutters ground to the desired shape and epoxied into the previously drilled hole in one end of the drill rod. When the cutter end needs to be replaced Ken simply heats the glued end and removes the old cutter and epoxies in a new one.

Ken presented a boring bar setup for deep hollowing medium to small vessels. He uses a laser pointer system for determining the position of the cutter end relative to the outside of the vessel wall. This is an accurate way to determine the wall thickness of a vessel when you can't see or feel but one side.

Ken also showed pictures of (or the actual device) of the following: 1) a tool rest for truing the position of a bowl mounted on a vacuum chuck; 2) the use of a slot cutter arrangement to make decorative cuts on a hollow piece such as a Christmas ornament; 3) a steady rest made from maple and three in-line skate wheels; 4) a band saw on-off switch safety cover to use when the blade has been loosened.

Ken Pilkington is also a good mentor and he said he would be glad to consult with members on tool design and construction and would even do a limited amount of machining.

John Ellis

John presented a procedure for making weighted wooden tool handles. He said the important features of the design on a tool handle were: 1) weight and balance; 2) ability

to control the tool; 3) aesthetics; 4) durability. The wood should be strong and straight grain. Ash, oak and hickory were suggested. The length and diameter of the final handle depends in a large measure on the turner and how the tool is to be used. For example, large roughing gouges and large hollowing tools are made for removing large quantities of wood rapidly should have long strong handles that can be tucked in against the turners body. While small detail gouges for turning delicate pieces need not be very big.

The wooden handles for all turning tools should be beefy where the tine is fitted to the handle. Wooden turning tool handles should be fitted with a metal ferrule of some sort where the tine enters the handle to prevent splitting. Any metal can be used but brass is usually the preferred choice. Brass tubing can be purchased in various sizes from ENCO.

During the process for making the tool, holes are drilled in each end of the blank. One hole receives the tine of the steel part of the gouge etc.; the other hole receives the lead shot which gives the tool its weight and balance. After the holes are drilled, a plug is made for the shot end and inserted into the hole. The handle blank is installed in the lathe and the handle is shaped. some trial and error may be required to achieve the desired shape for feel, control, weight, balance and overall appearance. John doesn't recommend much finish. In fact he says a hard high gloss finish can be hazardous. It could be too slick for effective tool control.

John Ellis is a good and willing mentor and would be glad to advise anyone who wants to make their own wooden tool handles.

Many of us prefer to buy our own tools, jigs or fixtures, but others of us have found that making our own can be rewarding, gives us a sense of pride and - - -saves money. This was a very valuable workshop. Many thanks to Dan, Ken and John!

Classes

Woodcraft

www.woodcraft.com

Provides classes in turning, sharpening and carving among other things. A partial list can be found at their web site or contact the store at 342-9663 for more information.

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 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.

Presidents Corner

President's Corner
by
Tom Cour

I am writing this the morning after the Hands-On Workshop To Make the Shipman Bandsaw Jigs. Twenty one people signed up (no one was turned away). I thought the workshop would last all day, at least, and maybe into the next day. After all we were making two jigs for each participant. As a result of this apprehension (fear) a lot of "prep" work was done. Many thanks to: **Jerry Trujillo** who donated most of the wood and, with the help of **Larry Johnson**, cut it to size; to **Dan Shipman** who procured almost all the metal parts (angle iron, nuts, bolts, screws and T-track and, with the help of **Ken Pilkington**, cut the angle iron and T-track to length, bored holes in these parts and added

threads to the bolts that became the spikes on the Log Slicer Jig; AND to **John Ellis** who provided his marvelous shop for the workshop. Somehow we got all the parts organized and moved to John's shop. Dan was the instructor/consultant and really helped make the day so successful. In fact I don't think we could have done it without him.

We made 42 jigs and they were complete and the shop clean BY 1:00 PM ON SATURDAY! WHICH TOOK ABOUT FOUR HOURS OF VERY INTENSE WORK! THANKS TO EVERYBODY INVOLVED FOR MAKING THIS A VERY SUCCESSFUL ADVENTURE! (On edit: Huge thanks also to **Tom Cour** for preparing the wood parts and overall organization of the workshop.)

The November meeting will be the 2010 Annual Meeting of the New Mexico Woodturners. The Nominating Committee will present the slate of officers for 2011 and a vote will be held. Copies of our Policies and Procedures will be passed out to each member attending the meeting. A statement will be made pertaining to our finances and membership.

The December Meeting will be a two part affair. The first part will be a gift exchange. This is a fun meeting and I urge everybody to take part. Everybody bring a gift: wood, book, DVD, a tool, a kit, a turned item, a jig or fixture that you have made or bought or any other object that pertains to woodturning. This part of the meeting is the most fun when everybody participates. The second part of the meeting is a planning session for 2011. Be thinkin' and bring your ideas and thoughts

November 6 is meeting day but it is also Turn Pens for Troops day at Woodcraft. You can get a slimline kit from Woodcraft and turn at home or drop in the Woodcraft Store after the meeting and and turn a pen or two there. It is for a good cause. If you turn at home bring the finished pens to the meeting and give

them to me or take them to the store after the meeting.

If you are interested in becoming the "Green Wood Guy" not the Greenwood guy (we already have one of those) contact me. Contact me at tomcour@cablone.net or call 867-8771. It would help to know an arborist. Winter is the best time to collect green wood.

If you are a retired attorney, the Board would like to talk with you about non-profit status for the Club. If intersted please conctact me (see prevoius paragraph).

Discounts & Rebates

Woodworker's Supply Meeting Day Sale

www.woodworker.com

The specials for Nov. 6 will be pages 44-45 from WWS catalog #249C (Carving, wood-burning, power carving). - Ron

Woodcraft

www.woodcraft.com

Check the store flyer for current specials. As always, we look forward to seeing you at Woodcraft – Ron Phillips

CLUB CREDIT FOR NMWT MEMBERS

Woodcraft donates a portion of every sale to NMWT members to the club each year. It's not automatic, however. YOU MUST tell the cashier to "Credit this sale to the NMWT Store Donation" when you pay for your items.

Woodcraft Wood of the Month

Hard Maple and Tulipwood Blanks

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, Lampine Thermofused Melamine, plywood, veneers, and furniture grade white pine.

For Sale!

For Sale: Craftsman 10" Radial Arm Saw. 2.5HP, 120/240 volt motor. Original owner since circa 1975, excellent condition. All original, including manual. Low mileage, used only on Sundays by my mother. Asking \$250 OBO. John Ellis, 771-1773 or NMWTwebman@aol.com.



⇨
 ⇨ You can also run an ad to FIND or TRADE something?

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!

Name	Phone	Description
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

Gallery Of Turnings/Dan Shipman's Work Shop









The Library Corner

We are in the process of converting all of our tapes to DVD's. The tapes will be available for check-out, but only by request. We have many new DVD's from the Symposium.

NMWT 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

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

Questions or suggestions are welcome. Please contact the club Webmaster Dave Stein at: dave@seriouslight.com

Suggested Web Sites

www.cleanturn.net
www.pennstateind.com
www.tufftooth.com
[www.woodmagazine.com,](http://www.woodmagazine.com)
www.penturners.org
www.woodturnerscatalog.com
www.WoodTurningz.com
www.woodturningvideosplus.com
www.woodweb.com
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

