

TURNERS TALK

THE MID-SOUTH WOODTURNER'S GUILD



Mike Maffitt: Editor





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Cover photo:
Ornaments Brought to the November
MSWG meeting

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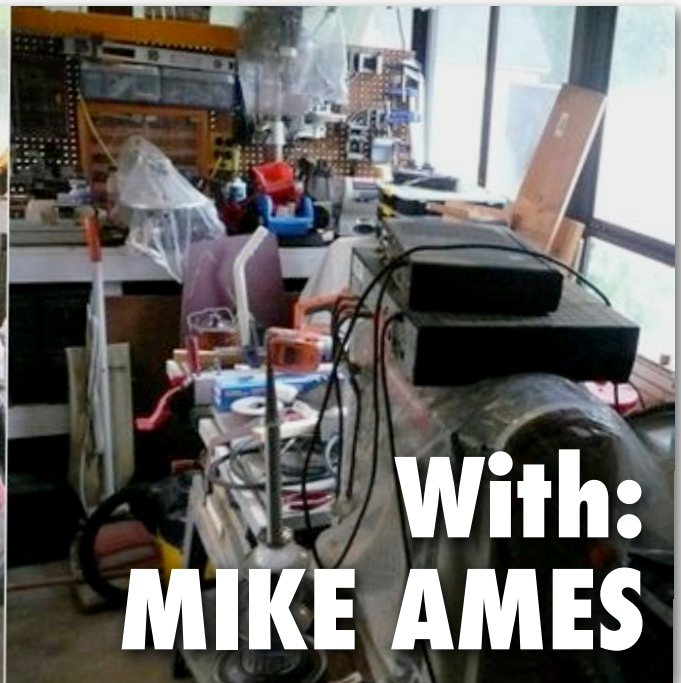
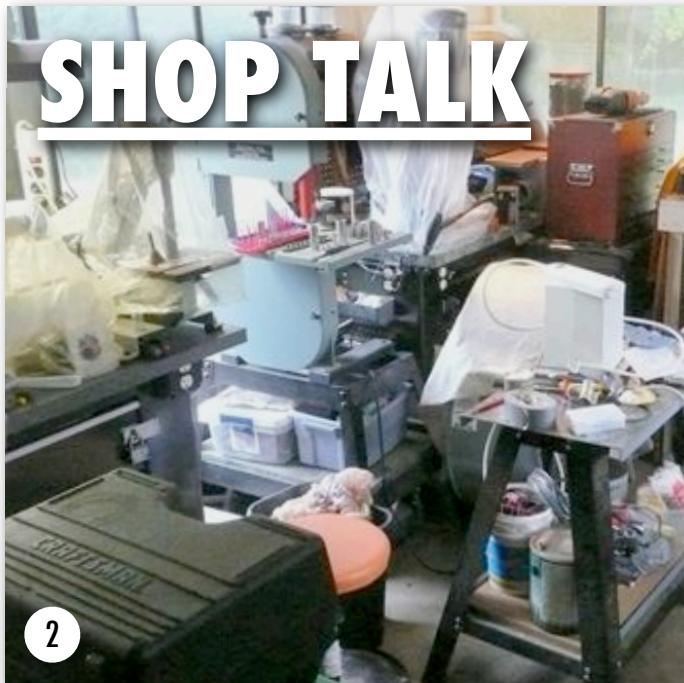
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Just two months ago Mike Ames¹ attended an MSWG meeting and immediately joined our club as he found in it just what he was looking for to help him learn more about turning wood. Mike was born in Haiti, MO, formerly lived in Macon, TN, prior to moving to Bartlett. He is a master electrician, having worked many years for the TVA at the Allen Steam Plant and more recently serving as the treasurer and then the part-time manager of the local IBEW Credit Union. He is now fully retired and is anxious to build a new shop and organize his tools and work areas. Mike has two grown daughters whom he raised alone following his wife's death when they were quite young.

(cont. on next page.)

**Ray
Tanner**





Currently Mike works on larger projects in his double sized carport and smaller ones in the enclosed patio room attached to his home. This latter space also holds most of his extensive tool collection² for electrical, mechanical, plumbing, metal and woodworking projects. He keeps plastic dust covers on his power tools which also prevents his pet cats from perching thereon. He recently purchased a Jet mini lathe and a full set of Craftsman turning tools. At my suggestion he brought these to Octoberfest for Jim Tusan to sharpen as part of his demo.

Mike enjoys finding used tools and rebuilding them (currently a small table saw). All of his handheld power tools are securely stored in Greenlee³ gang boxes which are next to impossible to open without a key or a cutting torch. These heavy-duty steel enclosures designed for on-the-job tool storage may also be used to house flammable finishes and solvents. Mike has mastered the art of applying formica⁴ to bench surfaces and edges and has covered several of his benches and tool stands with it. As would be expected his current workbenches are well supplied with switched outlets, including a 220 volt receptacle. He has two air compressors and a number of pneumatic tools as well. Having two heavy-duty drill presses, two table saws, and two table mounted routers enables him to leave one of each in a frequently-used setup and spend less time changing bits or blades. He built a fine red-oak youth bed⁵ for his grandson and will soon change the laser engraved name plate on it for his granddaughter.



WOOD SPIN

Woodturning Shop Estate Planning

Most woodturners have done the right things relative to estate planning; they have wills prepared, power of attorney designated, beneficiaries named, medical care wishes expressed, and even specific bequests noted in terms of who gets the truck and granddad's shotgun. But what about all that stuff specific to the world of woodturning? Where does that go? Who knows what you want done? Who would want your prized vacuum chuck system or that very expensive hollowing rig. Which brings up another point -- you have told your spouse for years that these tools are very inexpensive and

what if she sells them for half of what you told her you paid?

(cont. on next page.)

**Emmett
Manley**





The subject of woodturning shop estate planning was kicked around a few months ago on the Wood Central Woodturning Forum. Also, our mid-south woodturning organization has lost several members in recent years, and I participated directly in one shop estate sale earlier this year where I received first hand appreciation of the issues that can arise. Unlike a typical estate sale where a lot of people may be interested in purchasing antique furniture, chinaware, silver items, jewelry, guns, and other objects of general interest, woodturning items are likely to appeal only to woodturners and that population is limited and scattered. Most established woodturners have all the tools and equipment they need (whether they will admit that or not) so the group of possible buyers is further reduced.

What about expanding the population of people getting into woodturning? The opportunity to obtain quality equipment and tools has to be attractive. Or is it? Unfortunately, woodturning is mainly an old man's passion -- without electronics, computers, music, videos, and zombies being involved, most youngsters are not turned on by spinning wood, so the opportunity to expand is restricted.

All of this sounds pretty grim in terms of locating a good home for your beloved lathes, chucks, and the like once you are not able to enjoy it. And we should remember that woodturner demise is not the only reason people leave the shop permanently; a job transfer to Manhattan, development of a serious health problem, having to downsize to a smaller house,

apartment or assisted living facility with no shop opportunity, etc. It is even remotely possible that a person could lose all interest in being actively involved in woodturning. There are many reasons for closing out the woodturning chapter of one's life and much of the estate planning for distributions would also apply to non-fatal terminations.

Moreover, unlike golf clubs and computers, woodturning equipment and tools have a long and useful life and should not default to a landfill or junk store. The first step in preparing for the future transfer of equipment is to inventory what you have. The compulsive person will list everything -- probably using a spreadsheet -- complete with item name, catalog number, description, purchase price and date, etc. The lazy more efficient person might just photograph everything and store the photos on a CDs -- this is also a good idea for insurance purposes.



Then what? Well, you can include a few lines in your will indicating your wishes for distribution of your WT items. Give them to friends, donate them to a woodturning club or school, there are all sorts of possibilities. It is my present plan to bequest certain items to friends and to donate most of my tools to John C. Campbell Folk School in North Carolina.

(cont. on next page.)



An attractive possibility for some people would be to direct everything to their woodturning club and let the club sell the items on a 50% consignment basis. Everyone would benefit -- new woodturners would get bargain items, the club would raise considerable money, and the donor/estate would receive half of the proceeds without direct participation. There would be no cost to the club because payments would be made only when sales took place -- there might be a storage issue but that could be worked out. Clubs in the same geographical area, perhaps within 200 miles of each other, might network in bringing donated equipment and buyers together. A directory could be established and updated via a website link. Create a new bureaucracy or expand the role of the librarian. All sorts of possibilities.

Shop estate planning is worth pondering.

PRACTICE MAKES PERFECT



FOOD SAFE FINISHES

By Rob Wallace

Question:

I am a woodturner and a member of the Chippewa Valley Woodturners Guild.

I would like the listing of the FDA-approved wood finishing products such as oils, etc. Thank you.
Dennis, from WI

Answer:

The topic of food safe finishes is a recurring theme for many woodturners and woodworkers who envision placing their projects in contact with food, drink, or any materials meant to be consumed. Some of the concerns raised about whether something is “food safe” or not stem from invalid assumptions about the nature of the available finishes used to protect the wood, accentuate its figure, and reduce infiltration of moisture and other materials from the food into the wood. While in their liquid state, most finishes should be considered “toxic” and unsafe for human consumption due to the presence of solvents used to carry the actual finish into or onto the wood surface. However, once the finish has “matured” to its final state, many would argue that nearly all finishes are “food safe,” specifically with regard to direct contact with food, such that no undesirable chemicals will leach out of the wood and finish into the food material being consumed. If you don’t eat or drink the finish, it’s food safe!

We first need to determine the kind of finish desired, as to whether it forms a film on the surface of the wood, or whether the finish penetrates into the porous structure of the wood. For those pieces that will not be subject to damage from food handling utensils, film finishes, such as polyurethane, lacquer, “varnish,” or even shellac would be acceptable to use, for example, on serving platters. For those pieces where a film finish is likely to be damaged (cutting boards, salad bowls, etc.) a penetrating oil finish is

(cont. on next page.)



recommended. For film finishes, once the carrier solvents have been permitted to fully leave the finish, and the surface has “dried,” one might consider these surfaces food safe. For example, it is necessary to allow polyurethane finishes to fully polymerize and lose their carrier solvents (essentially making a “plastic” film finish), and to allow soluble finishes such as shellac and lacquer to fully evaporate away their solvents. Assuming you don’t serve food mixes containing high concentrations of alcohol or lacquer thinner, which would dissolve these finishes, the surfaces should also be considered “food safe.”

In fact, purified shellac is a frequent ingredient used in various pharmaceutical products (e.g. coated tablets or pills), and is fully ingestible and generally safe. Similarly, oil finishes are often supplied as dissolved in a solvent which must leave the oil behind in the wood as it evaporates, and then allow the oil to “cure.” That is, if the oil finish used is composed of one of the so-called “drying-oils,” such as linseed, tung, or walnut oils. These oils do not actually “dry” in the evaporation sense, but actually undergo spontaneous cross-linking of

their molecular structures (in the double bonds of their fatty acids) with the incorporation of oxygen from the air. The fully-cured oils would also be considered food safe. In some commercial preparations of oil finishes (such as those using primarily linseed oil), metal-based chemicals are added to increase the rate of cross-linking with oxygen; without these “metallic driers” some of these finishes would take quite a long time to cure. Are the metallic drier chemicals “toxic” – yes, if they are ingested in their soluble form – however as the oils cure and become cross-linked, very little, if any of these additives should leach out into one’s food. Even if the wood itself is ingested containing the cured, cross-linked oils, it is doubtful that a sufficient amount of metallic drier and cross-linked oil could be considered toxic in any significant concentration. Finishes sold as “salad bowl” or “butcher block” finishes are chemically related to other penetrating oil finishes that “dry” and should be considered “food safe.” Oils that do not “dry” such as olive, peanut, canola, and “vegetable oil” will turn rancid through degradation of the oil’s fatty acid components, and impart bad odors or flavors in foods used on these surfaces. Although these degradation products are generally not toxic, they are undesirable, and these types of oils should not be used on utilitarian wood products. Mineral oil, which “never dries or turns rancid” is sometimes used, and as long as a purified (USP) form of mineral oil is used (and replenished as needed), it, too, may be considered a food safe finish.

Finally, waxes such as beeswax and carnauba wax may also be considered food safe, provided any solvents used as a carrier for the wax are allowed to evaporate fully.

Rob Wallace, Ames, Iowa

(rwallace@iastate.edu)

American Association of Woodturners, January 2012

The President's Corner



Congratulations to John Williams for taking first place and Mike Maffitt for taking second during our November ornament contest. Both ornaments were beautifully detailed and will be auctioned off during our Christmas party awaiting a place of honor on the winning bidder's tree.

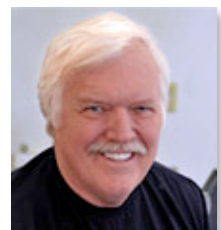
A special thanks to Bill Handel for his thorough and well organized demo showing us how he does the inside-out ornament. By the level of interest shown I expect to see a number of these ornaments show up in our instant gallery.

This is the season of thanks. I am thankful and grateful we have a woodturning club with so many talented turners willing to share with us their techniques, methods and philosophy they have employed in their art/craft work. If you haven't been affected by this or have not taken part in this exchange of ideas and techniques we need to take your pulse. This exchange is how we learn and grow as woodturners. I have always said, "it's my job to motivate and it's yours to be motivated". So now that you are motivated and in a giving mood, bring something in for our Christmas auction. This is but one way we build up our treasury to pay for normal club activities, bring in outside demonstrators and keep our annual dues at a very modest \$25.

Now remember that the date of our Christmas party has been changed to December 14th. Plan on attending with your spouse and get them familiar with your once a month 4th Saturday activities. I also encourage you to bring a small gift item (preferably a turned item) in exchange for another one by a fellow club member.

(cont. on next page.)

**Skip
Wilbur**



2013 is about to be past history. Those items we thought we were going to turn are still on the shelf or in our way. Let's make an effort to complete those turnings, bring them in to the instant gallery and share the process with others. May this next year be more promising than last. Plan on spending more time behind your lathe, share your turnings with others, spread your happiness and excitement with others. It's Christmas! Merry Christmas and a Happy New Year to you and your family.

"Christmas is not a time nor a season, but a state of mind. To cherish peace and goodwill, to be plenteous in mercy, is to have the real spirit of Christmas."

— Calvin Coolidge

A Little Humor - A Recipe For The Holiday Season

You'll need the following:

- 1 cup sugar
- 1 cup water
- 4 large eggs
- 2 cups dried fruit
- 1 tsp. salt
- 1 cup brown sugar
- lemon juice
- nuts
- 1 bottle whisky

Sample the whisky to check for quality.

Take a large bowl. Check the whisky again. To be sure it's the highest quality, pour one level cup & drink. Repeat. Turn on the electric mixer, beat 1 cup butter in a large fluffy bowl. Add 1 tsp. sugar and beat again.

Make sure the whisky is still OK. Cry another cup. Turn off the misner. Beat two legs and add to the bowl and chuck in the cup of dried fruit. Mix on the turner. If the dried frust gets stuck on the beaters pry it loose with a drewscraver.

Sample the whisky to check for tonsisticity. Next, sift 2 cups of salt. Or something. Who cares? Check the whiskey. Now sift the lemon juice and strain your nuts. Add one table. Spoon. Of sugar or something. Whatever you can find.

Grease the oven. Turn on the cake to 350 degrees. Don't forget to beat off the turner. Throw the bowl out the window. Check the whicky again and go to bed.

A Little Humor - Is There a Santa Claus?

As a result of an overwhelming lack of requests, and with research help from that renown scientific journal SPY magazine (January, 1990) - I am pleased to present the annual scientific inquiry into Santa Claus.

- 1) No known species of reindeer can fly. BUT there are 300,000 species of living organisms yet to be classified, and while most of these are insects and germs, this does not COMPLETELY rule out flying reindeer which only Santa has ever seen.
- 2) There are 2 billion children (persons under 18) in the world. BUT since Santa doesn't (appear) to handle the Muslim, Hindu, Jewish and Buddhist children, that reduces the workload to 15% of the total - 378 million according to Population Reference Bureau. At an average (census) rate of 3.5 children per household, that's 91.8 million homes. One presumes there's at least one good child in each.
- 3) Santa has 31 hours of Christmas to work with, thanks to the different time zones and the rotation of the earth, assuming he travels east to west (which seems logical). This works out to 822.6 visits per second. This is to say that for each Christian household with good children, Santa has 1/1000th of a second to park, hop out of the sleigh, jump down the chimney, fill the stockings, distribute the remaining presents under the tree, eat whatever snacks have been left, get back up the chimney, get back into the sleigh and move on to the next house. Assuming that each of these 91.8 million stops are evenly distributed around the earth (which, of course, we know to be false but for the purposes of our calculations we will accept), we are now talking about .78 miles per household, a total trip of 75-1/2 million miles, not counting stops to do what most of us must do at least once every 31 hours, plus feeding and etc.

This means that Santa's sleigh is moving at 650 miles per second, 3,000 times the speed of sound. For purposes of comparison, the fastest manmade vehicle on earth, the Ulysses space probe, moves at a poky 27.4 miles per second - a conventional reindeer can run, tops, 15 miles per hour.

- 4) The payload on the sleigh adds another interesting element. Assuming that each child gets nothing more than a medium-sized lego set (2 pounds), the sleigh is carrying 321,300 tons, not counting Santa, who is invariably described as overweight. On land, conventional reindeer can pull no more than 300 pounds. Even granting that "flying reindeer" (see point #1) could pull TEN TIMES the normal amount, we cannot do the job with eight, or even nine. We need 214,200 reindeer. This increases the payload - not even counting the weight of the sleigh - to 353,430 tons. Again, for comparison - this is four times the weight of the Queen Elizabeth.

- 5) 353,430 tons traveling at 650 miles per second creates enormous air resistance - this will heat the reindeer up in the same fashion as spacecrafts re-entering the earth's atmosphere. The lead pair of reindeer will absorb 14.3 QUINTILLION joules of energy. Per second. Each. In short, they will burst into flame almost instantaneously, exposing the reindeer behind them, and create deafening sonic booms in their wake. The entire reindeer team will be vaporized within 4.26 thousandths of a second. Santa, meanwhile, will be subjected to centrifugal forces 17,500.06 times greater than gravity. A 250-pound Santa (which seems ludicrously slim) would be pinned to the back of his sleigh by 4,315,015 pounds of force.

In conclusion - If Santa ever DID deliver presents on Christmas Eve, he's dead now.

MEETING MINUTES



Call to Order - 9 a.m. by Skip Wilbur. Minutes were approved and seconded by club members. Skip extended a welcome to everyone.

New Members and Visitors –

Treasurer's Report: Matt Garner, Treasurer –

Account Balance - \$4,864

New members and guest – The club welcomed new member, Robert Wilson, and three guests: Sig Schwartz, Eddy Reeves and Jim Robinson

School or workshop – Jonas Nemanis attended Arrowmont School of Arts and Crafts <http://www.arrowmont.org> where he attended a class from Joe Rumunski. Joe Ruminski has commercially produced over 800 natural edge bowls, utilitarian bowls, vases, Christmas tree ornaments and art pieces for the Biltmore Estate, Asheville, NC. He is a member of the Southern Highland Craft Guild, American Association of Woodturners, and the Carolina Mountain Woodturners. Jonas stayed on campus and enjoyed the food and environment. He returned home with a bowl and two lidded boxes. Jonas said he would definitely return to Arrowmont. His bowl has a butterfly patch and a very nice form.

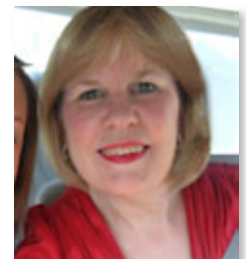
Tip Technique or a Source – Skip Wilbur ground all of his chucks on the backside to removed sharp edges. Skip said all the jaws have sharp edges and if you are cutting on the backside and it wraps your knuckles, it is going to do damage. Skip disassembled the chucks to dull the edges. **Joseph Voda** brought Sunglasses and cases for Christmas gifts for Grandkids. The soft fabric bags can also be used for gifts such as bottle stoppers or pens.

Safety – Getting older, take care of yourself and think of Safety first. Always wear the safety glasses. Listen up, you need to hear this song ... Colonoscopy. When you do, think of Rick Gillespie who brought a bit levity to the meeting about a very serious topic.

Christmas Meeting – December 14. The board will purchase the meat (turkey and ham). We need people to sign up for food. Please sign up for vegetables, salads and desserts. Contact Skip Wilbur if you did not get a chance to sign up for food. The Christmas Party is well attended by

(cont. on next page.)

Terry Maffitt



members, spouses and guests each year. For entertainment, Don Chandler and his wife will sing and play guitars.

Ornaments – Several club members brought ornaments to participate in an ornament contest. First prize \$50 went to John Williams – birdcage ornament, second prize \$25 went to Mike Maffitt – Indian basket weave with gold leaf. These ornaments will be auctioned in December. See photos in the newsletter and get ready for a bidding war to claim one of these ornaments.

BOD – Skip received the names of 3 volunteers for 2014 board positions available with 3 board members finalizing their terms in office. Skip asked for nominations from the floor, although no nominations were offered. Ray Tanner then motioned for a vote of affirmation for the volunteers: Dennis Paullus, Bill Bleu and Wright Pillow. The motion was accepted and seconded and approved. A separate motion was made by Ray Tanner to thank the outgoing board members: Joel Benson, Mike Maffitt and Terry Maffitt. The motion was affirmed by club members.

St. Jude Sale at the Woodwork Shop – Invitation to club members to attend this afternoon at the Woodwork Shop and to donate items for sale.

TAW Symposium – Terry Maffitt won the raffle for the Tennessee Association of Woodturners 26th Anniversary Symposium on Friday, January 31 and Saturday, February 2 at the Franklin Marriott Cool Springs in Franklin TN. Jeff Brockett recommended club members secure rooms early at the Marriott Franklin. The symposium features Trent Bosch, Barbara Dill, Doug Fisher and Kurt Hertzog. Last year 23 people from our club went to Franklin. Get your registration in early. <http://tnwoodturners.org/symposium/>

Today's Demo - Bill Handel – Candle Holders – Bill demonstrated his inside/out technique by making an ornament. The same technique can be used for a candleholder. Bill started with 4 pieces of wood of the same size and dimension and glued them together ½ inch from the top and bottom. He turned a cove by setting the depth of the cove and used piano wire to burn some details. He separated the sections using his chop saw. He turned each section 180 degrees and glued the sections back together using titebond. He finished the outside shape and details. Bill uses battery operated tea candles to light up the piece.



Demo: Inside Out Turning



Bill Handel demonstrated his inside/out turning technique by making an ornament/candlestick section. Bill started with 4 pieces of wood of the same size and dimensioned and glued them together $\frac{1}{2}$ inch from the top and bottom. He turned a cove by setting the depth of the cove and used piano wire to burn some details. He separated the sections using his chop saw.

He turned each section 180 degrees and glued the sections back together using titebond glue. He finished the outside shape and details to a pleasing shape. Bill uses battery operated tea candles to light up the piece.

This was Bill's first demo and he did a wonderful job. He presented the demo in a prepared, well thought out way complete with handouts!

Great job Bill!



INSTANT GALLERY



BILL BLEAU
Walnut bowl.



BILL BLEAU
Pecan bowl.



CLIFF AND WILLIAM VALENTINE
Sweet Gum hat.



JOHN WILLIAMS
Christmas ornament with turned birds eggs and nest.



JONAS NEMANIS
Spalted maple bowl..



JOHN WILLIAMS
Holly and Ebony birdcage
ornament.



JONAS NEMANIS
Lidded boxes.



JOSEPH VODA
Cherry and Walnut lidded box.



JOSEPH VODA
Christmas ornaments.



KEVIN PEARSON
Walnut vase created from wood taken from deep in the base of the tree.



LARRY SEFTON
The "Healing Bowl". Maple 7 1/2"



MARK MAXWELL
Bradford Pear and Walnut pepper mill.



LARRY SEFTON
Maple platter faux indian basket design.



LARRY SEFTON
Maple 13" bowl wrapped with recycled yarn.



MARK MAXWELL
Myrtlewood and Walnut pepper mill.



MIKE MAFFITT
Cored set of Pecan bowls finished with Minwax Antique Oil and buffed..



MIKE MAFFITT
Cherry 7 inch bowl.



MIKE MAFFITT
Hollowed maple sphere beaded and burned. Used copic markers for the red color. Gold leaf gilding on the bell.



MIKE MAFFITT
Sweet Gum 12 1/2" bowl. Largest of a three bowl cored set. Finished with Mahoney Oil.



ROBERT WILSON
Maple Christmas ornament.



MIKE MAFFITT
Sweet Gum smaller two of a three bowl cored set. Finished with Mahoney Oil.



SKIP WILBUR
Maple beaded music boxes.



SKIP WILBUR
Maple and acrylic Christmas ornament.



SKIP WILBUR
Music boxes in various woods



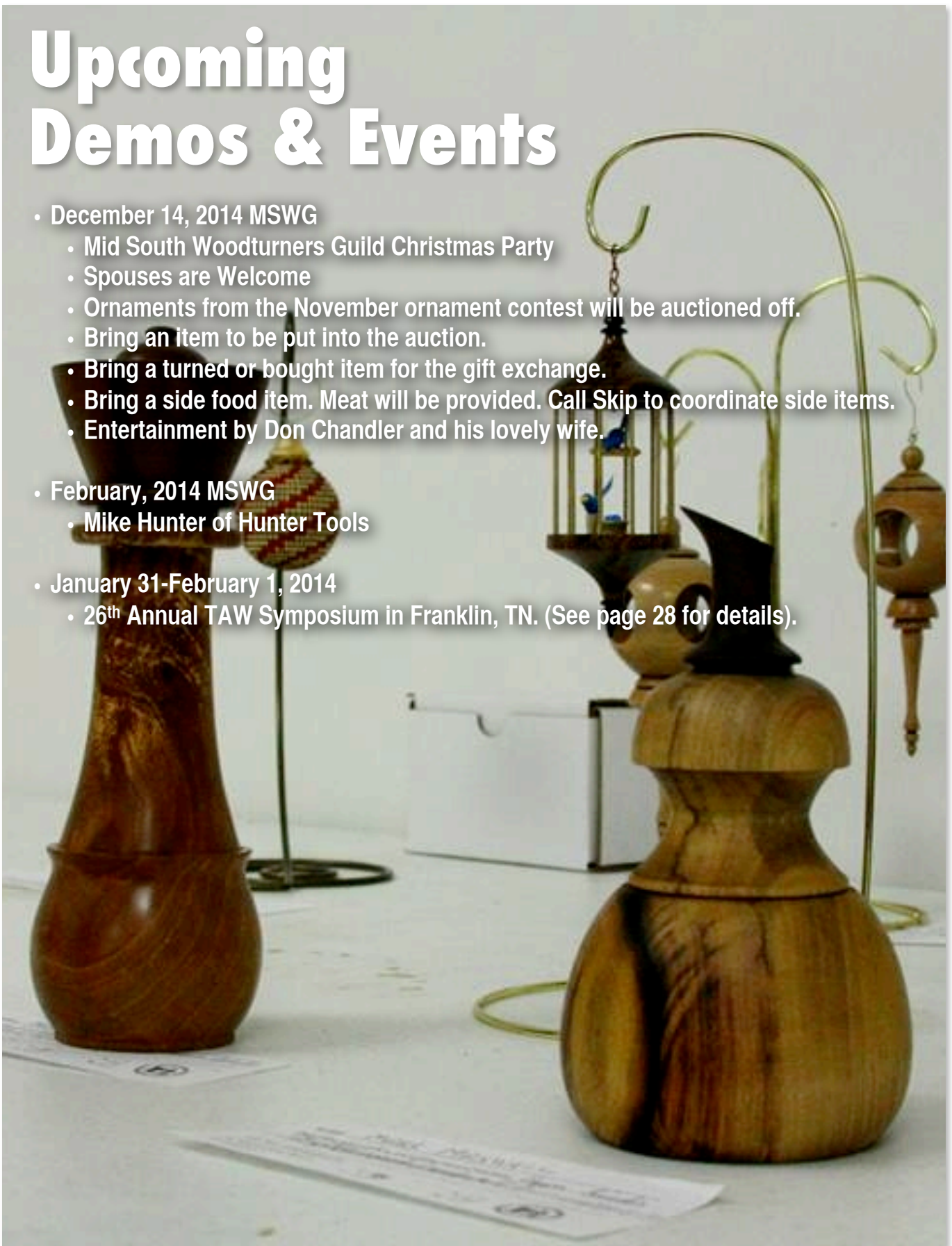
SKIP WILBUR
Music box.



SKIP WILBUR
Music boxes in various woods.

Upcoming Demos & Events

- December 14, 2014 MSWG
 - Mid South Woodturners Guild Christmas Party
 - Spouses are Welcome
 - Ornaments from the November ornament contest will be auctioned off.
 - Bring an item to be put into the auction.
 - Bring a turned or bought item for the gift exchange.
 - Bring a side food item. Meat will be provided. Call Skip to coordinate side items.
 - Entertainment by Don Chandler and his lovely wife.
- February, 2014 MSWG
 - Mike Hunter of Hunter Tools
- January 31-February 1, 2014
 - 26th Annual TAW Symposium in Franklin, TN. (See page 28 for details).



TAW 2014 Annual Woodturning Symposium

Tennessee Association of Woodturners

26th ANNUAL SYMPOSIUM

Friday, January 31 & Saturday, February 1, 2014

The Tennessee Association of Woodturners (TAW) will be presenting their 26th Annual Symposium on Friday, January 31st and Saturday, February 1st, 2014. The Symposium will be held at the Franklin Marriott Cool Springs, 700 Cool Springs Boulevard in Franklin, TN. The 2014 Symposium features some of the worlds' leading woodturners including: Trent Bosch, Barbara Dill, Doug Fisher and Kurt Hertzog.

2014 Symposium Detail

Symposium Schedule - a demonstration schedule for the two days of the Symposium will be added here in the near future.

Demonstration Descriptions - a detailed description of each of the demonstrations will be added here in the near future.

Instant Gallery - We invite every Symposium participant to display up to four pieces of their work for all others to enjoy during the Symposium.

Peoples Choice Award - Each year every participant can enter up to one piece, which is entirely their own work, into the Peoples Choice Award. Vendors and demonstrators are not eligible for the People's Choice Award. No collaborative efforts please. All participants at the Symposium will be asked to vote and select the best piece for an award.

Banquet and Auction

Banquet - Prior to our auction on Saturday evening there will be a banquet at the Marriott Hotel, which is included in the price of the registration. Door prizes will be given away.

Auction - All proceeds from the auction will support continuing education and training in woodturning through our demonstrator and scholarship programs. Highlights of the auction include wood turnings, wood and tools donated by our demonstrators and vendors. We encourage all Symposium participants to donate a piece to the auction to benefit the education funds and our community outreach programs.

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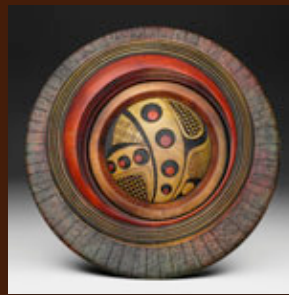
TRENT BOSCH



BARBARA DILL



DOUG FISHER



KURT HERTZOG



TAW 2014 Annual Woodturning Symposium



Registration Fees and Forms:

Walk-In Registration: 2-day is \$200 and 1-day is \$120

Cancellation Policy: After December 31, 2013 a \$50 processing fee will be deducted if registration is cancelled. After January 14, 2014 the registration fee is not refundable.

SYMPOSIUM FEES	REGISTRATION FEE	AFTER DECEMBER 31
FULL TWO DAY SYMPOSIUM	\$145.00 *	\$175.00 *
ONE DAY ONLY	\$90.00 *	\$110.00 *
SPOUSE	\$75.00 *	\$75.00 *
YOUTH (UNDER 18)	\$35.00 *	\$35.00 *
BANQUET AUCTION ONLY	\$35.00	\$35.00

* Includes Banquet/Auction, whether attending or not.

Methods of payment:

CREDIT CARD - register for the Symposium and pay by through our secure PayPal site by clicking [here](#).

CHECK -complete the online check Registration Form by clicking [here](#) and mail the completed form to:

Jerry Weygandt
 Attn: TAW 2014 Symposium
 8221 White Chapel Ct
 Brentwood, TN 37027



Direct payments must be made by check or cash as TAW cannot process credit or debit cards



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