



Turner's Talk



Chuck Ludwigsen, Editor

HEADLINE NEWS

• Location

The August meeting will be held Saturday and Sunday, August 26th—27th at our normal location at Gameday.

• Have you signed up for Joe Ruminski? Sign up by the 15th to receive the \$10 discount.

• TAW Symposium

The 19th annual TAW symposium will be held in Nashville on August 12th and 13th.

Our Guest: Joe Ruminski



Inside this issue:

- ✓ Guest Turner: Joe Ruminski
- ✓ Fresh Ground Pepper!
- ✓ Open Segmented Forms
- ✓ President's Corner
- ✓ Shop Talk ~ Richard Lee
- ✓ June and July Minutes

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The Mid South Woodturners Guild is a proud chapter of the
AMERICAN ASSOCIATION OF WOODTURNERS



Our Guest: Joe Ruminski

By Joan Kelly

August 26th and 27th, MSWG will be host for a two day demonstration by Joe Ruminski, professional turner, officer in the Carolina Mountain Woodturners, and member of the prestigious Southern Highland Craft Guild.

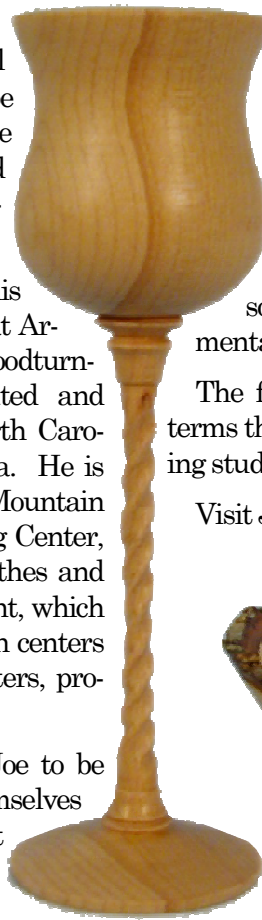
Joe is a retired educator, so teaching is his specialty. He has taught turning classes at Arrowmont and the North Carolina State Woodturners Symposium, as well as demonstrated and taught at numerous turning clubs in North Carolina, Tennessee, and the surrounding area. He is an organizer and teacher in the Carolina Mountain Turners' acclaimed Teaching and Learning Center, a mobile studio equipped with 10 mini lathes and all the necessary tools and safety equipment, which is taken to sites ranging from senior citizen centers to alternative schools for troubled youngsters, providing hands on lessons in turning.

Biltmore Estate in Asheville selected Joe to be the featured artist when they found themselves with several huge trees on the estate that needed to come down. Joe turned limited



editions of natural edge bowls, vases, and Christmas tree ornaments which were sold in the estate's shop. Most were sold out before the orders were completed, even though the orders numbered in quantities of several hundred!

When he comes to Memphis, Joe will spend Saturday demonstrating 10 or more projects, each of which will highlight a different method or style of tool use, chucking technique, or turning concept. The observer will have the information necessary to go home and try it himself. On Sunday, in addition



to responding to requests from the group, Joe will focus on design skills.

He is encouraging participants to bring plenty of work to the instant gallery, along with an open mind to discussion on what makes a design pleasing, and what could make a pretty good design better. Participants should be prepared to participate in some hands on activities to encourage experimentation with design skills.

The famous Golden Mean will be discussed in terms that can readily be applied in the home turning studio.

Visit Joe's web site:

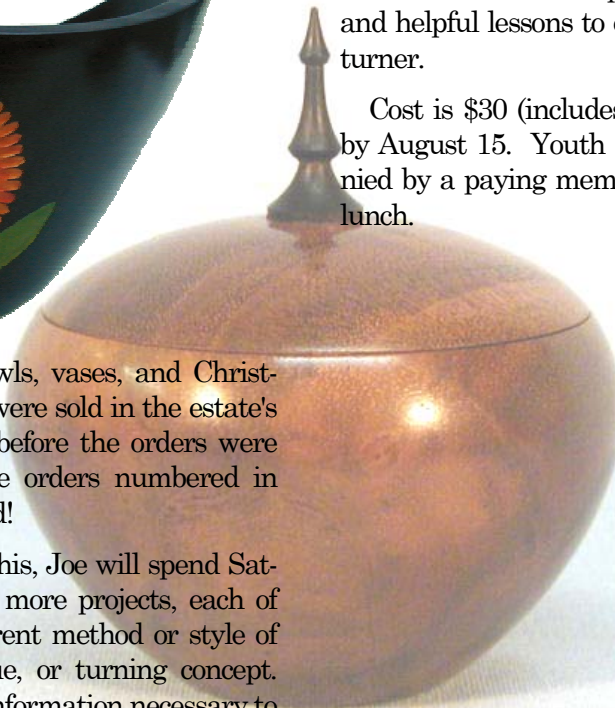
Greenriverwoodworking.com



and don't miss this opportunity for some realistic and helpful lessons to expand your knowledge as a turner.

Cost is \$30 (includes lunch on Saturday) if paid by August 15. Youth 17 or under free if accompanied by a paying member. Spouses \$15, including lunch.

jk



Send checks to Ryan McMullen, club treasurer

Shop Talk

.....Richard Lee



Richard is retired and had worked at the Defense Depot, Memphis, Tenn. as an Equipment Specialist Supervisor in the Tools for Schools branch of Supply Operations and has been turning wood and metal since 1951, some 55 years.

He purchased his Delta lathe in 1951 and has been turning wood and metal since then. He does mostly basic carpentry and a little furniture repairing.

Direct Quote: "My father was a carpenter by trade and I guess I inherited

a lot from him. When I heard about the Memphis Woodturners Guild, I visited and enjoyed it so much I joined in 1998. The fellowship and knowledge of all the members was very impressive and I enjoy being a member. My favorite wood to turn would be either maple or cherry. I would like to have a larger Delta lathe with variable speed but at my present age, I'm satisfied with what I have. My goal in woodturning is to tame the skew chisel."

By Don Wilcut



...President's Corner... August 2006



What a great event! AAW put on a truly impressive three-day display perfectly aligned with its mission of education, information and organization! The demonstrators were first rate and the trade show was a woodturner's wildest dream! The demonstrations covered everything from design to surface enhancements and texturizing. The Instant Gallery was simply amazing! With several hundred pieces on display, I was overwhelmed by the sheer scope in skill and creativity! There were classical pieces as well as fanciful, fun pieces. There were turned flowers and five-foot tall segmented pieces. What was really great was there were pieces by the amateur hobbyists and pieces by the well-known and famous sitting side-by-side. It was everyone's turn to shine! We'll be having a brief slide show of the Instant Gallery at the September meeting...so be sure not to miss it.

MSWG had 20+ members attend, many with family members. We had a great time at the "insuite get-together" hosted by Joel Benson and Bob Speier. It was a great way to kick off the three days! The Symposium Banquet and Auction was a real success with 2,491 people attending. Admittedly the acoustics were not the best, but a good time was had by all. AAW auctioned 100+ turned items raising over \$95,000 for their educational programs. The hit of the evening was a "spinning top /lidded box" collaboration by Bonnie Klein and Jacques Vesery....going for an astounding \$11,000! Lastly, we had 40+ ornaments donated by MSWG members to AAW for the "return to the community project. In total AAW was able to donate 500 ornaments to Kosair Children's Hospital in Louisville. Kosair will sell or raffle the ornaments with the proceeds going to assist children in need! **THANK YOU** to all who helped MWSG shine in this important event!

Next year...Portland! It will undoubtedly be worth the wait!



to everyone who donated items for the July meeting raffle! We had 54 items donated by Mike Kelly, Lee Chandler, Bill Shaw, John Williams, Glenn Alexander, Brad Patterson and Billy Tignor! Billy brought a great piece of African Mahogany that was the "bring back" piece and was won by Bob Hobbs. We can't wait

(Continued on page 10)

June ~ Instant Gallery



◀ Keith Burns

Chuck Ludwigsen ▶



▲ Joan Kelly

Bill Shaw ▶



▲ Joan Kelly

Chuck Ludwigsen ▶



▲ Bob Hobbs

Cliff Valentine ▼



◀ Robert Boureois



◀ Steve Van Voorst



June ~ Instant Gallery



◀ Steve Van Voorst



▲ Bill Newsome

Dennis Paullus ▶



Cliff Valentine ▶



◀ Bob Hobbs



▲ Bob Hobbs



◀ John William & Glen Alexander



Lee Chandler ▲



Terry Reynolds ▶

Fresh Ground Pepper?.....

By Joan Kelly

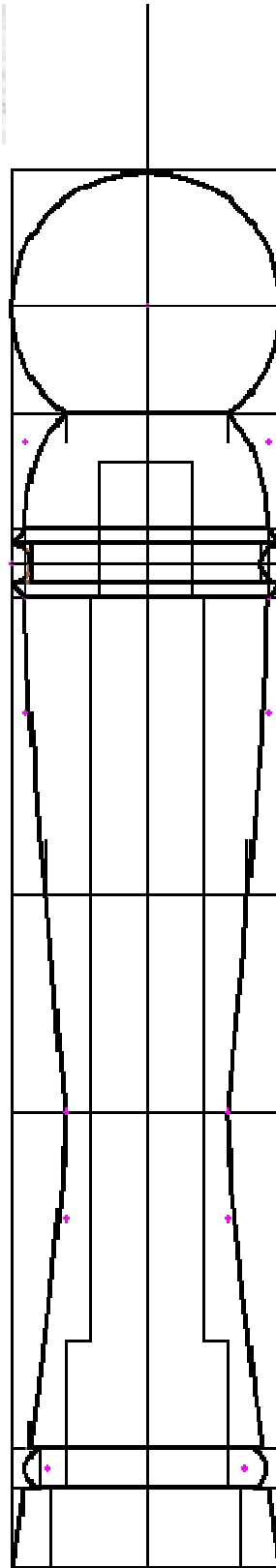
Chuck Ludwigen, MSWG board member, webmaster, and newsletter editor, presented an excellent demonstration on making a peppermill at the June 16th meeting. His peppermill utilizes the "Crush Grinder Mechanism" (available through most major catalog companies for about \$15) which has working parts made of ceramic material, and thus is not subject to corrosion like steel mechanisms. Additionally, this mechanism can be easily trimmed to fit mills 4" - 12" or even taller. There is no exterior top nut, so the top portion of the grinder is open to endless design possibilities.

It was noted that the directions that come with this peppermill mechanism vary from source to source, although the mechanism is the same. Chuck has devised modifications which incorporate using more readily available drill bits and finishing the mill on a turned mandrel which lets the turner see the project as a whole rather than two separate parts.

Chuck began by commenting on safety. He reminded us of the need to remove or secure loose clothing or jewelry, check the wood blank for loose bark, and wear a face shield. As for lathe speed, his point was "Turn fast," but fast means efficiently and safely.

He began with a blank about 3" square x14" long to make a mill about 2-1/2"x 13" tall. After roughing the blank to round, he made three tenons: one at each end and one where the top will be separated from the body. This midway tenon he kept large.

The two sections were separated with a narrow parting tool, leaving the tenon on the body. The center was re-marked on the cut off end and the bottom tenon was secured in the chuck. The tailstock



was brought up to the newly marked center point and a dimple was made for the initial drilling, a 1-3/4" hole, 1/4" deep. Then a 1-1/16" Forstner bit was used to drill into the piece as far as possible, with the lathe going slowly. A bit extension was added and the drilling was continued as far as possible. The section was reversed in the chuck and the drilling out continued into the bottom end with 1-3/4" bit to a depth of 3/4" (plus the tenon and any waste length), then 1-1/2" bit, 1-1/2" additional depth, then 1-1/16" bit until the holes met inside.

The top of the mill was secured in the chuck and drilled with a 7/8" bit 1" deep. That hole was extended 1/4 to 1/2" more with a 3/8" bit to reduce weight and to allow clearance of the tip of the shaft. A 1/4" tenon was cut to a diameter of 1-3/4" to fit into the recess drilled into the body on the mill. This fit should be secure but movable, as it is the working connection of the grinder.

Chuck designed a turned mandrel which holds both parts of the mill as one unit for shaping. The mandrel extends slightly beyond the length of the bottom and stops just short of the end of the hole in the top. It was turned with steps to fit the previously drilled holes. Thus, for a 13" mill, starting with the tail end, the steps are: 1-3/4" diameter, 1-1/4" length, plus the length of your tenon and any waste; then 1-1/2" diameter, 1-1/2" length with the top edge chamfered; then 1-1/16", length 1/4" less than the remaining body; last, 7/8", length 1 to 1-1/8" to allow a little clearance in the top when the parts are put together.

At this point, he assembled the mill onto the mandrel, mounted it between centers, and turned the exterior shape. He slightly undercut the bottom of the body while removing the tenon for a steady

(Continued on page 10)

KEITH BURNS

OPEN SEGMENT FORMS



By Joan Kelly

On July 22, MSWG was treated to a great demo on open segmented forms by our own Keith Burns. Keith was beginning to tire of traditional turning when he decided to try segmented work after seeing an instructional article. Now this is his specialty.

Keith stressed that the open style, with spaces between the segments of each layer, is much easier than the closed style of segmented work, where each segment must be perfectly fitted to those adjoining it. Additionally, the open spaces allow chips to escape, making the actual turning less challenging.

Designing the piece on paper is critical. Keith showed us how he works out his plan on an actual size grid. An indexing chart is selected based on the size and complexity of the piece. Precise measurements are calculated to determine the specific lengths for the segments of each layer (small diameter layers require shorter segments than those of larger diameter, although every layer will contain the same number of segments) as well as the angle to cut the ends of each segment. There is no allowance for spontaneous design changes once the segments are glued up! Keith provided a detailed handout which included the drawing of the piece he would make, several blank grids for trying our own ideas, an assortment of indexing wheels which may be cut out and glued to plexiglass or thin plywood and used in the gluing up stage, a chart for calculating exact measurements of segments for

various diameters and index requirements, and drawings of plans for two jigs he used in the gluing up process.

Once the design was worked out, the assembly of segments began. A solid base was mounted on a faceplate and was placed on the head stock with the appropriate indexing wheel behind it. A jig was mounted onto the lathe bed so that the piece could be rotated to each marking on the indexing wheel and clamped into place. Another jig, also mounted onto the lathe bed, served as a block for positioning each segment into place for gluing.

Keith uses original formula Titebond glue in a small bottle with a tiny tip. Before he glues on a ring of segments, he sands the face of each one by rubbing it quickly across a piece of self stick sandpaper on a flat board. Glue is applied very sparingly along the mitered ends of each segment and it is pressed into place (determined by the setting of the jig) and held for about five seconds. Then the work is rotated to the next stop and each segment is glued on in turn. When a row is complete, the sanding board is held against the face of the row with the lathe on to prepare for the next row.

Tip: Before gluing on the top rows of a closed in form, go ahead and turn the inside of the bottom while it is easily accessible.

The final section is a solid ring for the top rim of the form. The tail stock is used as a clamp and the glue is allowed to dry overnight.

The actual turning is accomplished very quickly. The exterior is shaped with a 3/8" bowl gouge, starting with the top of the form for best stability.

Keith suggests stopping the lathe often to inspect the surface for slight ridges where the layers of segments meet. A scraper is used to shape inside the rim. Then Keith uses a Hamlet Little Brother ring tool to hollow the interior. This tool has an adjustable safety shield which

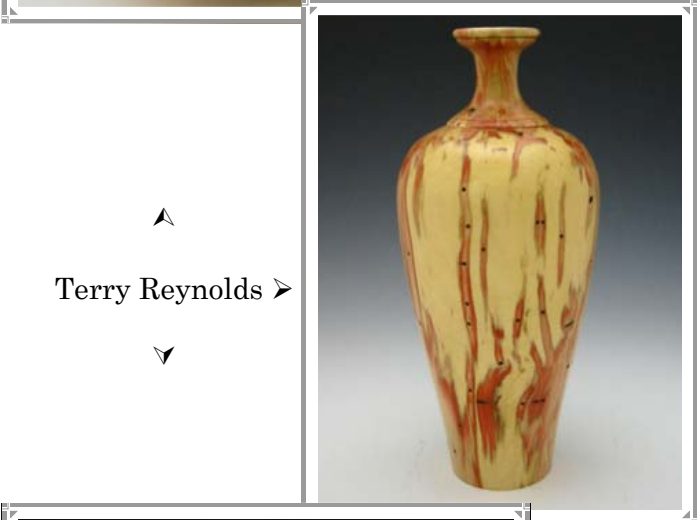
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June ~ Gallery

July ~ Gallery



Larry Sefton >



Terry Reynolds >



< Larry Marley



Matt >
Garner >



Dennis Paullus >



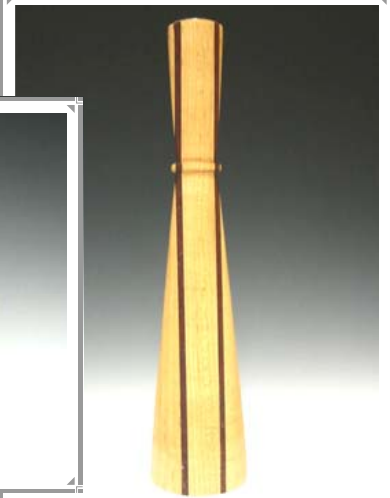
Brad Patterson >

July ~ Instant Gallery



◀ Keith Burns

Don Wilcut ▶



Ryan McMullen ▶



▲ Don Wilcut

Cliff Valentine ▶



▼ Joan Kelly



Ryan McMullen ▲ Steve Van Voorst ▼



▲
◀ Glen Alexander



(Continued from page 3) *President's Corner*
to see what you create with this beautiful piece of wood, Bob!



WELCOME We had seven visitors at the July meeting... welcome to all! Out of the seven visitors, two joined on the spot: Wayne Monte and Jim Tusant. We are so pleased to have you join our "crazy" group and promise to exceed your expectations.



The ranks of our Youth Members continues to grow and now includes Jeremy and Zach Ludwigsen, Ben Campbell and our newest member, Heather Yeomans. We are happy to have all of you be a part of the MSWG gang!



New DVDs – We are pleased to announce that we made a substantial investment recently in several new DVDs for the MSWG Library...be sure to check them out soon!



The President's Challenge for the August meeting is to turn a piece with some type of symmetrical element. A really easy example could be a rolling pin.



August 26-27 will be the regular meeting expanded to include the Joe Ruminski two-day demonstration. Joe is a member of Carolina Mountain Woodturners and has done demonstrations for Woodcraft stores, many woodturning clubs and Arrowmont School of Arts and Crafts. Joe feels that woodturning is a craft when "someone looks at the work and sees the skill involved in the making," but "it becomes an art when they look at the work and go 'ahhh!'" It will be a fun weekend! Lunch will be provided on Saturday.



The September meeting date has been changed to September 30th! Please mark your calendars accordingly.

Sandi Speier, President

UPCOMING DATES

~~~~~  
August 26<sup>th</sup>-27<sup>th</sup>: **Guest Turner  
Joe Ruminski**  
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September 30th: **Monthly Meeting**

October 28th: **Turning Fest**

November 18th: **Monthly Meeting
(3rd Sat)**

December 9th: **Christmas Party**

***Don't Forget to
Mark Your Calendars
for these events***

"Pick your rut carefully...as you may be there a long time!"

.....the Silver Fox-Ohio Valley Woodturners Guild

Fresh Ground Pepper (Continued from page 6)

base on a table and parted off the top.

Chuck stressed that drawing your design, either by hand or computer* is critical and that calipers are your friend, so invest in a good set. He makes his grinders in matching pairs, so he elaborated on making parting cuts to very specific measurements to mark the greatest and least diameters, placement of beads and coves, etc., using his drawing folded in half lengthwise as a template. Once the parting cuts are in place, it is a matter of "connecting the dots" to create the finished shape.

One last modification to the crush grind mechanism involved removing the small flanges that protrude at

intervals around the two end connectors. This was accomplished with the grinder. Then the parts were easily fitted into the drilled holes and secured with epoxy.

Chuck has obviously given a great deal of thought to his method for utilizing the crush grind mechanism and creating a superior product. MSWG is fortunate to have a member so willing to freely share his expertise.

*"Cycas" is a free drawing software program that can be downloaded and used on various operating systems.

OPEN SEGMENT FORMS

(Continued from page 7)

controls how much the tool can cut with each pass. It is amazing how few shavings there are to clean up!

The form may be power sanded being careful to have the pad face away from the rotation to avoid a catch. The interior is sanded just inside the rim. Keith uses Deft spray lacquer, applied in several light coats with the lathe running

Finally, the piece is parted off, the bottom cleaned up, finished, and signed. Keith's humorous closing comment was, "It won't hold water, so it must be art!"

**MEETING MINUTES
JUNE 17, 2006**

After a delay related to attendance, the meeting was brought to order by President Cassandra Speier @ approximately 9:30am.

Cassandra welcomed visitors Loren V. Reed, who later joined MSWG and Robert Bourgouis a guest of Keith Burns. Cassandra also acknowledged the 29 members in attendance.

Cassandra asked for an approval of the prior general meeting minutes, which was motioned, seconded and approved.

Treasurer, Ryan McMullen, provided an in depth accounting of the clubs finances, which were approved. The financials were then posted on the bulletin board for member review.

Mike Kelly explained in the future the raffle would be held downstairs on the west side of the building after the meeting cleanup. He also explained he now had a key to the rear door of the building and only the rear west door would be open for the members.

Bob Speier reported the shirts and caps were available in time for the AAW Symposium in Louisville.

Joan Kelly gave the members an overview of the Christian Brothers exhibit in 2007. She explained what an honor it was for the Guild to be asked to participate in this venue. She explained a panel of judges would be enlisted to evaluate the entries and encouraged the members to bring forth as much as they could to help show the community who the MSWG was.

Cassandra thanked the members for their understanding of the process for the MSWG by-law amendments regarding the mandatory requirement of belonging to AAW. She asked for a vote to ratify the changes making the requirement void. A vote was taken and a majority of those in attendance approved the changes.

Under New Business, Cassandra mentioned Keith Burns would be doing segmented open vessels for the July meeting and that Joe Ruminski's demo for August was coming along. Mike mentioned the cost would be \$30 if paid by Aug 15.

Cassandra challenged the members to turn a laminated piece of at least two woods in conjunction with Keith Burns' demo.

Cassandra told the members the workload of the newsletter and website was becoming too much for Chuck Ludwigsen to handle in a timely manner. She told the members the board was looking for a replacement for the newsletter only and asked for volunteers. She also pointed out a process that would be utilized to find the right person. It was also mentioned the newsletter might be done by committee. She also explained that for the next few months the newsletter would be by-monthly until the transition was completed.

Cassandra then introduced Chuck Ludwigsen for the demonstration. Chuck did a great job showing how to turn two exact salt and pepper grinders.

The meeting was adjourned at approximately 11:45 am. The raffle was held after cleanup of the meeting room.

Submitted by: Robert Speier, Secretary

**MEETING MINUTES
JULY 22, 2006**

The meeting was brought to order by President Cassandra Speier @ approximately 9:00am.

Cassandra introduced the 6 visitors in attendance: Hubert Davis, Heather Yeomans, Wayne J. Monte, Hugh McVeigh, Jim Tusant, Dan Patton and Tom Jordan. Cassandra also acknowledged the 34 members in attendance.

Cassandra asked for an approval of the prior general meeting minutes that had been sent out by email the previous evening. There was then a motion to approve, which was seconded and approved.

Finance: Ryan McMullen provided an in depth accounting of the clubs finances with a balance of \$3912.37, which was approved. The financials were then posted on the bulletin board for member review. Ryan also reported he had purchased 10 new DVD's for the club library.

Facility Mgmt: Mike Kelly explained in the future the raffle would be held downstairs on the west side of the building after the meeting cleanup. Mike explained the developments around GameDay and assured the members the \$80 million project mentioned in the Commercial Appeal would not affect the club.

Old Business: Mike Kelly and President Speier reminded the members of the Joe Ruminski demo on Aug. 26 & 27. The fee would be \$30 if paid by the 15th of Aug. It then would be \$40 at the door. It was also pointed out the Sat. lunch would be provided and that Sun. the members would be on their own.

Cassandra reported the newsletter editor search was still going on however steps had been made to resolve the situation. Until then the newsletter would be bi-monthly.

New Business: Cassandra acknowledged the instant gallery. She also pointed out that on a quarterly basis a voluntary critique would be held on the gallery pieces and prizes would be handed out in three different categories: Beginner, intermediate and advanced.

President Speier acknowledged and thanked all the turners that turned in Christmas ornaments for the AAW Symposium. The Club was one of the more generous donators

Bob Speier talked to the members about the possibility of offering the TAW Symposium here in Memphis. After a short presentation Bob asked the members for approval to proceed which was given.

Cassandra suggested to the members that a bylaw change might be in order for term limits for Board members. The members were told of the current configuration. Approval was given to proceed with the change to the bylaws.

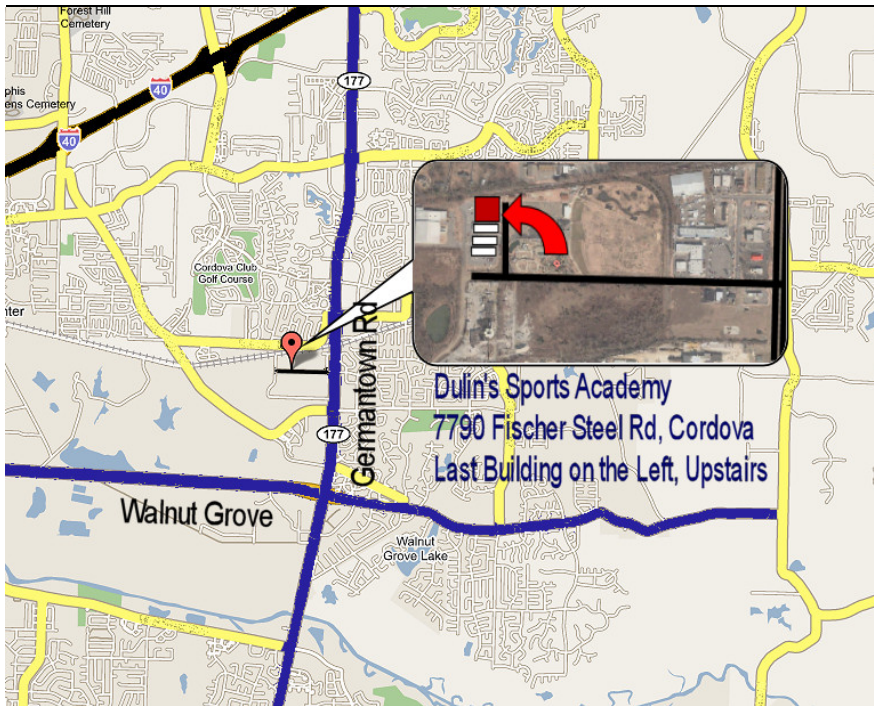
August President's challenge is a turning with a symmetrical element to it, i.e.: rolling pin.

Cassandra then introduced Keith Burns for the demonstration. Keith did a great job showing how to design, lay out and turn an open segmented vessel. Keith's presentation gave the members great insight on how to go forward in segmented work without all the worry.

The meeting was adjourned at approximately 11:45 am. The raffle was held after cleanup of the meeting room.

Submitted by: Robert Speier, Secretary

The Mid South Woodturners Guild meets monthly at Gameday Sports Academy



Meeting Format:

Club Business:	9:00-9:30am
Demonstration:	9:30-11:30am
Raffle:	11:30-12:00pm
Cleanup:	12:00pm

2006 Board

President:	Sandi Speier
1st VP:	Mike Kelly
2nd VP:	Chuck Ludwigsen
Secretary:	Bob Speier
Treasurer:	Ryan McMullen
Member:	Keith Burns
Member:	Joan Kelly

The Mid South Woodturners Guild is a not-for-profit organization formed to promote and encourage the art of woodturning. Membership is open to anyone and includes a subscription to the monthly newsletter.

Annual dues are \$25.00. Address inquiries about the Mid South Woodturners Guild to *Sandi Speier, 8736 Johannesburg Dr, Germantown, TN 38139*. Please send newsletter and web site items to *Chuck Ludwigsen (chuck@ludwigsen.org)*.

**Mid South Woodturners Guild
C/O Sandi Speier
8736 Johannesburg Dr
Germantown, TN 38139**

