

WOODTURNERS OF ST. LOUIS

stlturners.org
Jan 2013

A Chapter of the American Association of Woodturners

January meeting > SAFETY STAND DOWN • Our January meeting focused on safety – lathe, band saw, drill press, chainsaw, and personal.

Steve White presented safety tips for drill press operation:

- Use a vise to hold your material and park it against a solid object (bolt, clamp, post,..)
- Wear safety glasses (either over your own glasses or get a pair of prescription safety glasses)
- Remove rings and other jewelry
- Secure your chuck key on a lanyard (you will know where it is and it returns to its hanging position)
- Don't drill into your table
- Use the proper speed range (500-700 RPM will cover wood/steel/aluminum/... 90% of the time)
- Ease off on the pressure when breaking through the material (it becomes a screw/nut situation and can yank out of the vise when the drill bit comes through; Steve showed how the tip of a drill bit can be ground to reduce this effect). Thin stock, aluminum, steel, sheet metal, and Plexiglas will be the type that gives you most concern
- Clean your drill bit shank of burrs so that you get a good grip



Gary Hinegardner and Dan Schmoker covered chain saw safety:

- Know your saw, especially the chain brake. It is the most important feature of the saw.
- Adjust the chain snug against the bar (push up on the bar tip when adjusting the tension)
- Always use a sharp blade and be prepared to sharpen it when cutting or have a sharp spare



- Make sure the saw is running smooth and in tune
- Wear protective gear – boots, pants or chaps, gloves, hat, ear and eye protection (the cost of all this gear is less than one trip to the emergency room)

- Start the saw with the chain brake engaged
- Carry with the saw OFF and to your side with the blade behind you (most accidents are due to falling on the blade)
- Keep away from others and maintain a safe space
- Keep a clutter free area

- Use a steady-centered stance and cut with a smooth movement (don't rock the saw)
- Hold the saw against your body not out in front
- Stay away from the tip – the closer to the tip, the more dangerous
- Use a sawbuck or pedestal to hold the wood and mark your cut

- A smooth cut makes future cuts on the lathe or band saw easier and safer



Dave Endres covered band saw safety:

- Keep the blade tight so that it does not vibrate
- Loosening the tension when not being used
- If the blade breaks – move away from the saw immediately and wait for it to stop completely
- Keep hands 4" away from the blade – use push sticks
- Lower the shield to cover any blade exposed above your material
- Must use a V block for cutting round stock
- Use a sharp blade (a dull blade requires more user push and increases the chance of an accident)
- Demonstrated the proper way to open and to fold the blade (contact Dave for description on how-to or watch videos on YouTube)
- Radius of cut is determined by the size of your blade (don't force it)
- Don't have your material against the blade when starting the saw
- Periodically clean your saw especially when cutting with the grain as long fibers can attach to the wheels and cause wobble
- Use a wedge if needed to keep the kerf open so the blade does not bind
- Do not back up as it may pull the blade off the wheels.



Dan Burleson and Jon Spelbring presented tips on personal safety:

- Always wear hearing, eye, and respiratory protection
- Look for hearing protection with a noise reduction rating, NRR of ≥ 31
- Safety glasses as a minimum; adding side protection is better; full face mask is best
- Make sure your face shield offers adequate protection. Painting/splash shields are not adequate. It should have an ANSI label. Check for impact resistance ratings at:
http://www.domesticpreparedness.com/userfiles/reports/MSA_ANSI-ISEA10.pdf
- If your face shield is cracked – replace it.
- Look for respiratory protection against particles below 5 microns. A quality nuisance mask protects to ~ 3 microns; N95 respirator gives $\sim 95\%$ protection for .3 microns; and a N100/HEPA respirator will give $\sim 99.97\%$ protections for .3 microns. A Dust Bee Gone mask (as shown in the presentation) captures particles down to ~ 3 microns but is not NIOSH or OSHA approved.
- Ensure proper ventilation when working with high VOC finishes like lacquer or CA and use the appropriate filter for your breathing gear (particle or vapor)



Thirty two members and guests attended the meeting. The session on lathe safety will be made at the February meeting.

20th Anniversary Celebration • *From Woodturners of St. Louis Newsletter, April 2000* "In August 1986, Dave Skinner, one of the AAW founding members, addressed the St. Louis Woodworkers' Guild at one of their meetings. Ken Schaefer contacted those showing interest in turning and the other local AAW members, saying there were sufficient Woodturners to warrant having one meeting a year (one a year?!). "In May 1987, Ken organized a gathering at the Woodsmith store to see a Richard Raffan video and share some of their work. Later that year he corresponded with the AAW to get suggestions on programs and bylaws. In January 1988, he invited





seventeen into his home to watch Dave Skinner demonstrate turning. Five attended. Those five learned, shared ideas and realized the benefits of getting together. In February, Ken tried again, this time inviting eighteen to Dave's home. Six attended. "In March 1988, he put the formation of a local chapter on the line, sending out letters, requesting a response. The results were disappointing. There were three interested responses. Starting in 1991, Ken Schaefer, Fletcher Hartline, Dave Skinner and Bob Schmitz held fourteen monthly woodturning sessions on Sunday afternoons at Woodcraft. Those guys were dedicated. The shavings were flying and interest was growing. "In December 1992, Ken arranged for Dave Hout to come demonstrate. In January 1993, the group decided to form a chapter of AAW and the club has grown and flourished ever since."

Those who have served as president of your club are the following, in chronological order: Kenneth Schaefer, David Skinner, Gary Johnson, Dave Wahl, Fletcher Hartline, John Buehrer, Bill Rubenstein, Mario Vitale, Mike Marxer, Matt Keim, Dave Endres, Chris Weiler, and currently Jon Spelbring. They have been supported by others in the club that have served as officers, librarians, newsletter editors, demonstrators, seminar coordinators, and everyone that supports our club through membership and vendors. Happy 20th anniversary everyone.

Thanks to Laura Spelbring for providing the cake for the celebration. The chocolate decorations were actually turned on the lathe (note the spindle, bowl, top, and chips) by Laura and Jon. See Show and Tell pictures for more photos of the chocolate turning. John Buehrer, charter member, was given the honor of blowing out the candle.



Alan Carter Demo/Hands On April 6-8 ● Alan Carter (www.alancarterstudio.com) will host a demonstration on April 6th at 9am at the Kirkwood High School in the auditorium on the South side by the main entrance. Member's cost to attend the demonstration is \$40 if you register and pay by the 24 March club meeting; \$45 for registration after that and at the door. Jimmy Johns box lunches will be available for \$10 each at the demo.

Then on April 7th and 8th Alan will host a day of hands-on turning at the Woodcraft store. The cost for the hands-on is \$100/day and priority is given to members attending the demo. Hands-on slots are available for 6 turners/day and are filled on a first come basis. Application forms for the demo and the hands-on are provided in the newsletter. Maps will be provided in the next newsletter. To promote attendance and to help club interactions, the WTSTL are donating two tickets for the Alan Carter demo for the meeting raffle and two tickets each for the turning clubs in Festus, MO; Columbia, MO; Springfield, IL; and Springfield, MO. (*Charles Yonk and Steve Geho won the demo tickets for our club at the January meeting.*) We need 3 more lathes and extension cords for the hands-on. If you have a lathe (full or mini) that the club can borrow for Sunday & Monday call or email James Payne. If your lathe has an odd sized spindle, we would also need loan of your chuck/key/tail stock and knock out bar.

Dan Schmoker Field Trip – Feb 16 ● This will be a hands on training session for how to properly fell and cut up a tree into manageable size pieces. His field is about 2 hours from St. Louis near Eldred, IL. There is no cost but you will be expected to spend an hour helping stack the limbs and debris after the training session. Participants will divide up most of the wood that is cut. Contact Dan for more information and to sign up. Directions to the Greene Tree Farm are provided at the end of this newsletter. There is a limit of 25 for this event.

Club Videographer ● Ken Angeles Sr. and Chris Weiler volunteered to serve as the club videographers. They will be responsible for setting up and monitoring the video and sound system at club meetings and demonstrations. The Board had agreed that members serving in this position for a year would be eligible for free club membership the following year and attendance at the demos.



NL Distribution ● In striving to go green and due to increased demand on the club budget for insurance premiums the monthly newsletter will only be snail mailed to current members that do not have an email address on file at the end of Dec 2012 and that continue their membership. New members joining after Jan 1, 2013 will only be eligible for electronic copies.

Insurance ● As of Jan 2013 the AAW is no longer providing liability coverage for AAW Charter clubs. We are soliciting coverage from several brokers and should have a policy in place before the next meeting.

Pictorial directory ● A pictorial directory of members is being developed. The NL editor will build a file with member pictures. The information will become available on the web site behind the “membership logon” password protection.

Membership survey ● A survey form was provided to all club members at the meeting (and will also be emailed) requesting information that will help the club provide more informative and useful meetings, demonstrations, and functions. Please complete the form and return it to the Club President, Jon Spelbring.

Treasurers Report ● Walt reported that we had a balance of \$2153. A detail report is available for members if requested. All transactions have a receipt.



Library News > Rich Hinkebein ● The Board allocated \$250 for the first quarter of 2013 to purchase new items and Rich has his list prepared for new acquisitions. This last month the following items were added:



Woodturning Design magazine, issue #41, Feb 2013
American Woodturner, issue #6, volume 27, December 2012

Our library is only open on Sunday at our club meetings and is open to all our members for checking out books, videos, and DVD's. We have an extensive collection for borrowing.

When checking out material, sign/date the card and put it BEHIND the letter of your last name in the box. When you return material make sure you put the card back in the item and that the card goes with that item. Watch that you do not put multiple cards in one item. And please sign legibly so you can be tracked down if something is amiss.

Our library is a great source of inspiration and knowledge. A complete listing of our library is on our club web site. Please take advantage of this wonderful club benefit.

New Members ● Please join me in welcoming new member Karl Dickhaus from St. Louis and Bruce & Lisa Baker from Belleville, IL.

Show & Tell ● Table tents will be available on the gallery table. Please put your name on the tent and put it/them next to your work. It will let the membership know who did the work and help with photography for the newsletter. Thanks.

Tip of the Month ● If you are turning a thin walled vessel and using a light source to gauge the thickness be sure you move the light as you progressively thin the wall. If you don't you may be surprised when the “darkness” is not due to the bulk of material but that the light is not in that area. – Johannes Michelson.

Facebook site ● Check out the club Facebook page:

<https://www.facebook.com/pages/Woodturners-of-St-Louis/292734664135601>



and “Like” the page (click on the “Like” icon) to receive updates.

Membership dues are due • Dues for 2013 became payable at the end of last year. An application is available on the club web site. Dues are \$30 individual; \$40 family.

http://www.stlturners.org/pdfs/stlw_Member_Form_ver3.pdf

Please make sure that the contact information we have on file is correct (check the on-line roster on the club web site under "members only").

Upcoming Events:

Calendar of Events		
February 8-10	Collinsville Woodworking Show	Since the AAW dropped insurance coverage of individual chapters, the club is not able to staff a booth at the show this year. If you want to turn pens with Craft Supply contact James Payne.
February 24	Meeting at Woodcraft	Pre-meeting: Dave Endres & Jon Spelbring; Meeting: Lathe Safety with Charles Sapp and Mallet/spindle/gavel turning with Dave Endres (see Show & Tell for pictures of the project)
March 24	Meeting at Woodcraft	Table leg turning with Jon Spelbring.

President's Spin > Jon Spelbring • Well, 2012 has come and gone... and we're all still here.

Awkward. However, the lack of civilization-ending-events has left you with me for one more year. To that end, here are my predictions for the year to come: more demos; more collaboration with other local chapters; a focus on safety; and a new on-line presence for our club. Granted, this isn't quite peace on earth and good will toward all mankind, but it's a start.



Last meeting we asked our members to fill out a questionnaire. This was for two purposes. First, to gather intel for the other side... no, wait, strike that. It was to help the officers better understand the general experience level, and interests of the group. Yes, that sounds much better. Secondly, it was to allow me to create profiles for our member on the new website - more on that later.

To collaboration, it's my hope that in the coming year, we'll become better acquainted with the members of the Springfield and Festus groups (who knows, maybe even the KC group). I think it's important to be exposed to new ideas, both in turning, and in running a successful club. In this coming year, I will be asking for volunteers to demonstrate at at least one of their meetings, and hopefully, they will respond in kind.

Safety. I'm embarrassed to admit that I pretty much botched the time management during the last meeting. Charlie was to present the segment on lathe safety. So to correct this, he will be presenting his program during the next meeting. Dave's multi-axis demonstration should still fit in nicely. In related news, I've made some progress on our lathe shield. That is to say, I have most of the parts... I just need to put them all together. It's my sincere hope (Really!), that it will be ready by the next meeting. I would also like to thank our presenters - Steve, Gary, Dan S., Dave, and Dan B. - excellent job, guys!

The new online presence is in fact, a re-write of our website. Our existing site is functional, but the look and usability is somewhat dated. The new site will be a little more interactive with the members and provide for a more distributed

model. In non-computer-geek terms, it means that there won't be "the web guy". Instead, different people will be responsible for the content in various areas - as an example, the event coordinator (James) will be responsible for maintaining the event calendar. The newsletter editor (Charlie) will be responsible for maintaining the newsletter area. You get the idea. In addition, each member will have their own area, profile, and picture gallery. I will set it up - you, the members will maintain it. Don't panic! I promise, it will be painless. I'll be doing a demonstration soon, to walk everyone through the steps. Now, if you don't want to deal with it, that's fine too. We'll set up a profile, along with the photos that Garry did and that will be that. I'll be working with the other officers to test out the new platform. If you would like to be a Guinea P... errr.. Beta tester, please drop me a note, and I'll set you up.

If you were at the last meeting, you'll already know that I've resurrected the president's challenge. The twist this time is that there will be prizes involved (in the way of Craft Supplies gift cards). For the next meeting, the challenge is to turn something on more than one axis. Spindle, bowl, doesn't matter. It doesn't require any special chucks or equipment - just try something different. At the next meeting, the participants will put their creations out for all to see, and the membership will vote for their favorite. Be a participant for at least 6 times during the year and you will be entered into a drawing for a gift card at the end of the year.

One last note: Insurance. We were blindsided by the AAW dropping coverage for the charters. But never fear, we are in the process of procuring a new policy. It should be in place by the next meeting. - Jon

Club VP Dan Burluson Selected by Missouri Humanities Council to Provide Awards in 2014● Each year the



MHC honors individuals and organizations whose achievements set an example worthy of statewide attention. The awards recognize outstanding teaching in Missouri schools, community outreach activities by individuals and institutions, and exemplary achievement in literature. The MHC selected Dan to provide the award pieces for the 2014 awards. The awards will be wood bowls hand crafted from Missouri hardwoods rescued from farmers or tree services that were going to be burned, chipped, or put into a landfill. For more information check the MHC site:

<http://intouch.bomh.org/the-missouri-humanities-council-selects-two-bomh-artists-to-provide-award-pieces/>

DIRECTIONS TO GREENE TREE FARM – call Dan Schmoker if you get lost: 217.416.1587

First locate Greene County, Illinois. About 50 miles N of Alton, 35 miles SW of Jacksonville Now locate Eldred and Hillview which are on the West Side of the County and just East of the Illinois River.

From the South: Drive North of Eldred 6 miles on the Illinois River Road which runs along the Illinois River bluffs. Turn right on Township Road 1800N. Watch for ruins of an old stone house, and Tree Farm Signs. Drive East ¼ mile to the gate on the left side.

From the North: At Hillview go south 5 miles, turn left, go east ¼ mile on Township Road 1800N. Gate on the left. Watch for Tree Farm signs.

American Association of Woodturners● The AAW is dedicated to providing education, information, and organization to those interested in woodturning. You can join the AAW at their site:

<http://woodturner.org/member/MemberLogOn.asp>. Membership comes with access to on-line training information and includes a subscription to the *American Woodturner* magazine. The 27th international symposium will be held in Tampa, Florida, June 28-30, 2013. Our club is a chapter of the AAW.

WoodTurners of St. Louis present Alan Carter

Demonstration at Kirkwood High School, Saturday, April 6, 2013 9am – 4pm

Member: \$40* Non-Member: \$50* Student:** \$0

Box lunch: \$10***

* Registrations after 24 March are \$45 for members/\$55 for non-members

** Students 18 years old and younger may attend for free but must complete this form and register prior to the demonstration.

*** Saturday Lunch can be on your own or you may order a box lunch for \$10 (all participants).

Hands-On Classes at Woodcraft; 2077 Congressional Dr.

Sunday & Monday April 7 & 8, 2013 9am – 4pm

Lunch is on your own. It is suggested that you bring a sack lunch so that you can meet with the other turners and Alan during the break. Each class is \$100 and you may register for more than one session. Classes are filled on a first paid, first served basis. Members attending the demonstration will have priority.

Class date preferred: Sunday 7 April 2013

Monday 8 April 2013

Name: First _____ Last _____

Address: Street _____

City: _____ State: _____ Zip: _____

Email: _____ Phone: _____

Showing/Selling your work ● The Appalachian Center for Craft in Smithville, TN is an opportunity to exhibit your work in 2014-2015. All works are insured and there is a 40% Gallery commission on sales. It is a juried show and 20 digital images must be submitted along with a \$25 juror's fee. All entries must be postmarked by March 31, 2013 to be reviewed. For further information contact: accehhibit@tntech.edu or call 615.597.6801.

Tool storage ● Do you have the tools and attachments you need close to your lathe? Rockler and other companies have various attachments that can be mounted directly on your lathe. I came across this compact tool cart design in the Dec 2011 Journal of the American Association of Woodturners (page 68). The company, Montana-Designs, offers plans, cut list, and graphics that will let you build it from a 4'x8' sheet of plywood. You can get further information at their web site: www.Montana-Designs.com or call them at 619.562.0508.



Wood Turners Tool Cart Model R5-P

- Turrets Spin Independently
- Swing Table (22" Reach)
- Adjustable Shelves
- 16.75" x 22.75" Footprint
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 - (15) 1.4" I.D.
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R5P Plan-Set \$35 + S&H

5 pages (34" x 22" shipped rolled) + Bill of Material
www.Montana-Designs.com
619.562.0508 info@montana-designs.com

January Show & Tell



Ernie Guhl and Jim Otto examine mallets made by Dave Endres. Dave will be demonstrating mallet and gavel turning at the Feb meeting.

Dan Schmoker used a stainless steel wire brush that he purchased for ~\$7 at a welding supply store to texture his bowl.



Bill Farny demonstrates the toughness and flexibility of Tite Bond 3 wood glue. CA sets quickly but is brittle and will fracture when struck.



Turnings by Bill Farny.



Steve White shows a Christmas ornament made of holly and African black wood that he turned using a Rose Engine.



Lidded boxes by John Buehrer.



Bowls by our Librarian, Rich Hinkebein.



Dave Endres combined his turning and blacksmithing skills to make this candle holder.

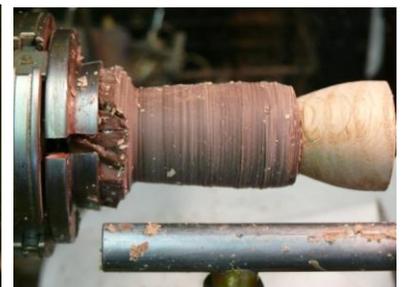


Pens by one of our members (sorry I did not get a name).

Dan Burluson continues to enhance the details on his turnings.



Turning decorations for the 20th anniversary cake! Thanks Jon and Laura.



Woodturners of STL
771 Meadow Cliff Drive
St. Charles, MO 63303

Join the Woodturners of St. Louis: If you like turning wood, making things on your lathe and want to learn more about woodturning then join the Woodturners of St. Louis. Learn and share ideas with like-minded Woodturners of St. Louis. Our chapter normally meets from 1:00pm to 4:00 pm on the fourth Sunday of every month at Woodcraft Supply; 2077 Congressional Drive (Westport area), St. Louis, MO 63146.

<http://www.stlturners.org>

Board Members

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