



CENTRAL OHIO WOODTURNERS

MANY GOOD TURNS

CHAPTER OF THE AMERICAN ASSOCIATION OF WOODTURNERS



NEW IRON TURNER CROWNED!

The Central Ohio Woodturners crowned a new Iron Turner at the April meeting. Steve Wallace edged out the competition to win the coveted champion's belt.

The competing turners were given a 2" x 2" x 6" block of wood and 45 minutes to turn an item of their choosing. Steve took top honors with the handheld bar bell he made for his two-week old granddaughter. Naeem Khan came in second with his set of salt and pepper shakers. Max Kackstetter, last year's champion, finished third with his offset-turned mini-table/chair leg, while Henry Fisher took fourth place with his Chinese style weed pot.

Thanks to all four turners for demonstrating their skills and creativity under pressure. Good job, gentlemen!



NEXT MEETING

Tuesday, May 13, 2014
@ 6:00 p.m.
Potluck Dinner Club Elections Swap Meet Auction
Club Will Provide Barbecue Beef and Chicken and Drinks
Bring a Side Dish and Get a Chance to Win the Mystery Box

A FEW WORDS FROM THE PREZ

Paul N. Courtright

We draw our regular meeting-year to a close with our May meeting. It will be full of all kinds of activities, so please come join us. There will be some good food (Potluck), a swap meet (bring that extra wood lying in your shop or all the extra tools that you no longer use), the election of officers, a vote on our new bylaws, and our annual auction. The pieces to be auctioned are the items from the President's Challenge and pieces made by our guest turners. So bring that secret stash of money that you been hiding for that special tool or piece of wood. Again, don't forget to bring your favorite dish to share!

You'd be mistaken to think the Club goes on vacation after the May meeting! Summer will bring a variety of opportunities for everyone. We will sponsor School for the Deaf instruction, club mentoring, Pens for Troops, the State Fair demonstration, open shops, a tree identification field trip and picnic. So keep an eye on your email as well as the club website; it is going to be a good summer!

Now for a little housekeeping: if you have borrowed any DVD's from the library, please return

them to Dave at the May meeting (don't make him come after you!). And like the last meeting, please lend a hand in helping clean up afterward.

On behalf of the officers, I would like to thank you all for a great year; it has been a pleasure serving as your officers this year. It would not been possible without all the volunteers who helped over the year, from hosting our guest turners, to helping set up and clean up for the meetings, to buying and setting up the snacks at the meeting, to photographing club activities and turnings, to maintaining the website, and to serving as mentors. To all the people behind the scenes who never get in the spotlight, I send special thanks. If it were not for people like you, our club would not be what it is today. I would like to say thank to the other officers as well as the steering committee members for all the help and guidance they have given though out the year. If it were not for them, it would not be possible for me to lead this club to the excellence it enjoys today. It gives me great please to say that I'm your president of your club.

Thanks for a wonderful year!

Pens for Troops

The club will hold its next Pens for Troops turning event on Saturday, May 10 at the Woodcraft store on Bethel Road. The pens will be given to current and former service members as a thank you for their sacrifices in serving our great nation.

Club members are needed to turn pens at this session and to mentor any other individuals who want to turn a pen for the troops. If you are interested in helping out, please contact Paul Courtright at pcourtright65@gmail.com.

Club Elections

It's May and time to elect the club officers. So far, only four individuals have volunteered to run for the club's four offices. They are Paul Courtright for President, Max Kackstetter for Vice-President, Nelson Meyer for Secretary, and Mike Trucco for Treasurer.

If you are interested in running, please contact a member of the nominating committee immediately. Jim Baumgardner can be contacted at woodcraft508@sbcglobal.net and Bob Pfister at pfisterm@gmail.com.

The club will vote on officers at the May meeting.

TAKING STOCK OF YOUR LATHE FROM HEAD TO TAIL

Naeem Khan

The April 2014 COW mentoring session was held at WoodWerks in Gahanna. Ron Damon and Marty Gottesman presented a hands-on Preventive Maintenance and Safety workshop to approximately 20 COW members.

Lathe maintenance is one of the most easily performed tasks for hassle-free and pleasant turning. On newer lathes, gently feel for any metal burrs or sharp edges around the bedways of the lathe. If any found, these should be filed down. Toolrest surfaces must be dressed often to remove nicks and gouges where chisels get stuck. Routinely mill these down with a file. Sharp edges and corners should also be milled down. Toolrests are made of softer metals so as to give way instead of damaging the tools used. Conditioning and cleaning of the bedways and other sliding surfaces should be done by wiping with cleanser such as paint thinner and then conditioning and coating with layers of paste wax and silicone lubricant. Do not use a thinner on painted surfaces. Ron demonstrated the easy glide of the banjo and tailstock when the surfaces are well conditioned. Ron cautioned that silicone and wood don't mix and if wood surfaces get coated with silicone, these may bubble.

The tailstock must be true to the headstock and as part of routine maintenance the tip of the tailstock should exactly center with the drive center tip. If these are not true then professional tune-up is in order. The tailstock should move easily and its retaining screw on the lathe bed should not be removed. The tailstock handle should turn effortlessly. If it is hard to turn, then the tailstock spindle should be removed, cleaned and the shaft screw lubricated. Similar cleaning and silicone lubrication of the drive chuck can improve hard to turn jaws.

Most routine dusting and cleaning should be done with a horsehair cleaning brush and compressed air. Use compressed air to blow into the spindle hold, in the pulleys, around the motor and the inverter to clear out any dust. The Morse tapers in the headstock and tailstock should be cleaned with a Morse taper brush to remove any abrasives and deposits that may prevent good seating of the drive center.

Ron gave many useful safety tips during his presentation e.g., when turning the manual handle on the lathe to remove a chuck, it helps to rest the hand on the tool rest so that the abrupt release and weight of the chuck does not knock away the hand. When knocking out a drive center from a spindle, do not present the palm of your hand as a spearing target and instead clasp around the drive center with a cloth. He discouraged the use of cloth rags around a running lathe in favor of paper towels that easily tear and break away rather than pulling the hands in. When turning remove your finger rings as they can get stuck on edges and on the work. It's imperative not to have long sleeves and, as a rule, nothing below the elbows. When sanding, the tool rest must be removed so that fingers do not get pulled in. Always manually turn the lathe for clearance of any piece before powering up the lathe. When powering up the lathe, stay clear of the firing line until you are sure everything is running secure. Do not stand in front of the turning stock when the lathe starts. Adjusting the lever relieving tension on the belt is optional. Do not push the spindle locking pin on a turning lathe. Clean the cam lock below the tail rest so that it engages tight. Do not tamper with the screws as you may throughout the cam adjustment. Don't rest soda cans on the bedways. Chuck safety is important. Never leave the key in the chuck as serious accidents can happen when the lathe is turned on. Dust masks should be NIOSH approved. Face shields must meet ANSI+ standards and must be shatter proof.

Marty Gottesman gave a presentation on safety and first aid measures. Marty showed a video of a real industrial lathe accident that drives home the lessons of the day. No workshop should be without first aid kits. Marty displayed a number of components to be included in the first aid kit with immediate interventions for scrapes, cuts, amputations and fractures. Marty said that no workshop should be without a fire extinguisher and a phone so help would be within reach. Marty's first aid and health and safety presentations are must read resource in each month's COW Newsletter. This month he talks about respiratory safety.

SAFE TURNING

Marty Gottesman, MD

This month I will discuss respiratory safety in woodturning. I would like to acknowledge the contribution of Chuck Caranna, MD, of WOCO (Woodworkers of Central Ohio), to the content of this article.

The issue is simple. Turning generates wood debris which can injure our lungs or cause serious allergic reaction. Sometimes these problems may take years to develop, but by then it may be too late to recover. There are irritants and sensitizers. An irritant is something that causes a reaction (irritation) in a body part—e.g. eye, lung, throat, or skin. A sensitizer is something that causes an allergic reaction which is usually irreversible. Fortunately, less than 5% of woodworkers develop sensitivity. These are some of the common sensitizers:

Cypress	Elm	Mahogany	Redwood
Fir	Teak	Maple	Sassafras
Beech	Greenheart	Myrtle	Spruce
Walnut	Willow	Western Red Cedar	Cocobolo

Irritants can cause nasal dryness, stuffy nose, prolonged colds, coughs and susceptibility to chronic bronchitis, red and watery eyes and itching.

Sensitizers can lead to allergic reactions which can be life-threatening and worsen with each subsequent exposure to that wood. They can also trigger asthma attacks. Long term exposure to wood dust can cause conditions similar to chronic bronchitis and emphysema seen in smokers. Controlling the exposure is the key to prevention of these and other problems. If you smoke, QUIT! It only adds to the problems.

In addition to the chemicals in the wood itself, you can be harmed by molds, fungus, glues and solvents released during turning, sanding or cutting. Spalted woods can be an issue since the spalting is caused by a fungus. All of these substances can infect or damage lung tissue.

In your shop there are three main ways to protect yourself from wood dust;

- Each tool should have an attached dust collector. This is especially important during sanding as the finer the particles, the deeper they can go in your lungs to cause damage. They may not even be visible to the naked eye.
- A protective face mask that seals around the edges or has positive pressure to keep out dust is imperative. It should be NIOSH 95 rated at a minimum. If it doesn't seal around your nose and mouth you will suck in dust with every breath. Be careful about some of the washable masks on the market. They may not be NIOSH rated and might not seal around your face. Some of the non-powered respirators with filter cartridges are very effective and some can even filter out solvents. Most other masks don't, so know what you're buying. The powered, positive pressure, enclosed helmets are probably the most effective, but they are hugely more expensive.
- A shop air filtration system can be very useful for cleaning the air. The smallest, most dangerous particles are not visible to the naked eye and can hang in the air for minutes after the machine and your dust mask are off. A ceiling-mounted filter can move this contaminated air away from you and clean it. It must be used in combination with the masks and dust collectors.

Respiratory protection is up to you. Just because you can't see the dust and are not coughing and wheezing doesn't mean that damage isn't happening. It may take years until symptoms show up and by then it will be too late. The damage cannot be reversed. Take action NOW!

Continued on next page

SAFE TURNING *(continued)*

Here are a few additional resources that you may find useful:

<http://c.ymcdn.com/sites/www.woodturner.org/resource/resmgr/fundamentals/aawapr10wooddust.pdf>

http://home.wlu.edu/~evanss/resources/Conferences/USITT/Dust_Collection/Dust-and-the-Woodworker.pdf

<http://voices.yahoo.com/dust-control-woodturners-11365946.html?cat=5>

BUSINESS CARDS

We have updated the C.O.W. business cards. Please pick some up at the club meeting and keep them handy when talking about the club. The cards contain officer contact information, meeting times and location, a description of the club's purpose and the website address. The cards will also be used as handouts at demonstrations, woodworking businesses and other venues.

MANY THANKS

On behalf of the entire Kerns family I would like to thank the club members for their generous contributions to the Gentiva Hospice Foundation in memory of my mother Nancy W. Kerns. Anyone who has ever had an association with the Hospice organization can tell you they are a more than worthwhile organization. Their aid and comfort to both my mother and the family during her passing were very beneficial. Thanks again.

Bruce and Nancy

Club Equipment

For the first time in years, the club has replaced some of its aging equipment and bought some much needed additional items.

Most notably, the club replaced two of its old mini-lathes with two 1221VS Jet lathes (and stands). It also bought a new 8" Steel City grinder, 80 grit and 180 grit CBN wheels, and a moffitt light for the grinder. The club now has 6" and 9" Robust toolrests and pen mandrels for its 6 lathes, as well as 6 new face shields

for safer turning. C.O.W. also bought several new DVDs for the club's library. Finally, the club acquired a new 32" TV monitor for use at club meetings to show close-ups of demonstrations.

The new equipment is for use by club members at meetings, mentoring sessions and demonstrations. Additionally, the equipment is used in our Youth Turning program. I encourage all club members to attend a mentoring session or participate in a demonstration and try out our new equipment.

STEERING COMMITTEE MEETING MINUTES

The C.O.W. Steering Committee met April 29 at WoodWerks. Key actions and news items:

- Financial: Mike Trucco filed Club's IRS Form 990. \$1914.25 on hand.
- C.O.W. business cards have been updated and are available to members.
- The club will vote on the proposed new bylaws at the May 13 meeting.
- Pens for Troops is scheduled for May 10 at Woodcraft.
- The summer program is being finalized; watch email, newsletter and website for details.
- Naeem Kahn, will will publish abbreviated editions of the newsletter over the summer.

28th Annual International Symposium

June 13-15, 2014 | Phoenix Convention Center

Join woodturners from around the world to learn, share and celebrate the art and craft of woodturning.

For beginners and experts. Whether you are an experienced turner or are just getting started, AAW's Annual International Symposium has you covered. It will be three days full of topnotch demonstrations, panel discussions, exhibitions and special events.

Broad turner appeal. They'll have something for everyone whether you're into classic bowl turning, surface carving and embellishment, segmented turning, spindle turning, hollow vessels - or something else.

Learn from the best turners in the world.

Stay current on innovative techniques and tricks.

Observe and interact with top demonstrators.

Choose from more than 130 workshops, demonstrations and panel discussions and more than 59 woodturning experts. The symposium packs in more high-quality learning opportunities than any other event.

There will be something for everyone regardless of woodturning expertise. From presentations on strengthening fundamental woodturning skills by Jimmy Clewes and Michael Mocho, to demos on innovative carving and design techniques by Neil Scobie and Douglas Fisher. The symposium will have options for varied interests and experience levels.

Expand your knowledge and expertise with the help of experts David Ellsworth, Nick Cook, Bonnie Klein, Clay Foster and Todd Hoyer.

Learn innovative techniques and new tricks for woodturning success from pros including Derek Weidman, John Beaver, Steve Kennard, Patrick & Peggy Bookey, and Jason Schneider.

Spark your creative inspiration and imagine the possibilities. The symposium features a broad selection of work displayed in our enormous Instant Gallery and juried international exhibitions are sure to invigorate and feed your creativity.

See and test the latest woodturning products. You'll be able to explore of the largest array of state-of-the-art woodturning products under one roof including tool and lathe manufacturers, wood suppliers and others in the tradeshow. With more than 30,000 square feet of exhibit space, you'll observe an assortment of ongoing demonstrations that let you see tools and machinery up close and in action. Many of the exhibitors will also offer special symposium deals you won't want to miss.

To get more information on the schedule and demonstrators and to register, go to the AAW Symposium webpage at <http://www.woodturner.org/page/2014PhoenixHome>.

SHOW & TELL



Richard Ruehle

Kudos to Mark Boyd for his outstanding photos of the club members' turnings. Don't forget to thank him for his hard work.



Bruce Daly



Richard Ruehle



Mike Trucco



Paul Courtright



Mike Trucco & Mark Waninger



Marty Gottesman



Freddy Dutton

Downloadable high-resolution version of photos are available on the C.O.W. website.

SHOW & TELL



Richard Ruehle



Henry Fisher



Neil Hever



Bob Dadik



George McConnell



Paul Courtright



Ron Gardner



Ron Gardner

Downloadable high-resolution version of photos are available on the C.O.W. website.

SHOW & TELL



Phil Taylor



Phil Taylor



Richard Ruehle



Ron Fisher



Paul Courtright



Bruce Kerns



Bob Pfister

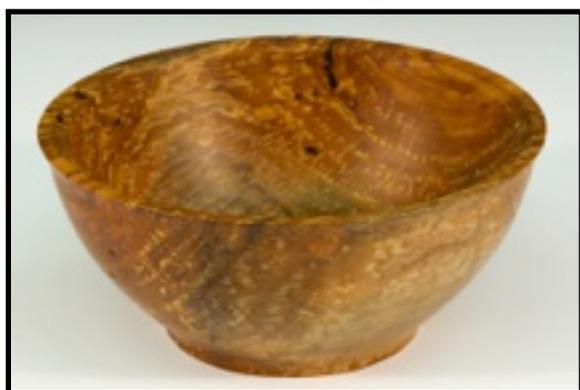


Bruce Kerns

Downloadable high-resolution version of photos are available on the C.O.W. website.

PRESIDENT'S CHALLENGE

Finishing Another's Work



Downloadable high-resolution version of photos are available on the C.O.W. website.

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