

# Central Virginia Woodturners

A Registered Chapter of the American Association of Woodturners

## December 2022 Newsletter

**December 13, 2022, Meeting 6:30**

### **Election of Officers for 2023**

**Nominees are:**

- 1. Treasurer – Scott Cassel**
- 2. Membership VP - Gary Conley**
- 3. Secretary – Tom Hansen**
- 4. Ruritian Liaison – proposing no replacement**

If there are any other nominees, please let Norm [norm.dallura@gmail.com](mailto:norm.dallura@gmail.com) know ASAP or at the meeting. Twenty members are required to be present for voting. We will count in-person votes. If you want to vote by proxy, please send an email to both Norm [norm.dallura@gmail.com](mailto:norm.dallura@gmail.com) and Joel Spring [jspring13@hotmail.com](mailto:jspring13@hotmail.com). Votes must be sent to both of us by Monday Noon, December 12, 2022. Please use the email Subject: CVW Proxy Vote

### **Multi-Station Demonstrations and Interactions**

- Jim Oates - Hand carving and pyrography
- Scott Cassel – Acorn Ornaments
- Joel Spring – Caving and Inlay
- Fred Williamson - His 40/40 grind to obtain smooth bowl bottoms
- Allen Graves – Ornaments
- Mike Sorge – Buffing Bowls

6:00 – 6:30 PM Eastern time – Social time for participants

6:30 – 7:00 PM Eastern time – Club business meeting, show & tell, etc.

7:00 – 9:00 PM Eastern time – Demonstration

No Zoom Meeting this month.

The Program Team is always soliciting ideas/suggestions for demonstrations. Please contact [Joel Spring](#). We are looking for members who are willing to give a in-person demonstration in the fourth quarter. Please let Joel know if you are interested or willing. Please check out the meeting plans on the website [Calendar](#) page.

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## Next Skill Center Session

Skill Center and Mentoring Sessions will be held on the 2nd Saturday of each month from 9AM-Noon. The Club Store will be open at this time. New and prospective members are always welcome. Please contact [Jim Oates \(Woodturning Skills Center Coordinator\)](#) if you have a specific request.

November Skill Session



December Skills Session



<b>Elected Officers for 2022</b>	<b>Esteemed Volunteers</b>
<ul style="list-style-type: none"><li>• President – Norm D’Allura</li><li>• VP Programs – Joel Spring</li><li>• VP of Membership – Larry Parker</li><li>• Secretary – John Watkins</li><li>• Treasurer – Jerry Jorgensen</li></ul>	<ul style="list-style-type: none"><li>• Skills Center Director: Jim Oates</li><li>• Cheese Shop Coordinator: Donnie Maupin</li><li>• Newsletter: Norm D’Allura</li><li>• Video Team: Chris Culotta, Steve Winkler, Ron Burton</li><li>• Store Manager: Buck Culver</li><li>• Librarian: Jeff Corwin</li><li>• CVW- VA Symposium Board Member (VP): Peter Welch &amp; Gary Conley</li><li>• Ruritans Liaison: Dan Stogdale</li><li>• Webmaster: Norm D’Allura</li></ul>

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## News for Members and Potential Members

At the Annual Planning Meeting, we voted on two items regarding membership:

1. Members over the age of 90 will be granted an Honorary Membership and dues are waived. Mars has been inducted into that Membership. Please let one of the Execs know who else may qualify.
2. Individuals under the age of 25 will be Youth Members with the reduced membership and donation amount. This is an attempt to make membership attractive to younger folks. Please let one of the Execs know who may qualify.

## Time to Renew Your Dues

Please see our web page. [https://centralvawoodturners.org/donations\\_dues/](https://centralvawoodturners.org/donations_dues/) for details. You may pay your dues at any Meeting or Skill Center Session or on-line on the page above.

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## Cheese Shop



We are need of more items for the Cheese Shop. Please consider items other than bowls. Boxes, vases, and unusual items sell well, plus provide a variety for customers to consider buying.

Please items to the Skills Center when it is open and leave them in the yellow tote located in the lathe area. Please to not take them to The Cheese Shop yourself so we can manage inventory. Donnie Maupin is the Cheese Chip liaison for 2022.

If you haven't visited The Cheese Shop, please do so to see what we offer. Feel free to straighten the display if it seems in disorder. If there are easels without items on them, you can place them in the tote under the shelf. While you're there, feel free to introduce yourself to the manager, Todd Anderson, and thank him for working with club. He is an Honorary Member and

is great work with. This is your club so feel free to make suggestions on the display as well.

Thank you for all your help in making The Cheese Shop a successful source of income for the Central Virginia Woodturners.

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## President's Corner

Wow! Another year has passed.

This month we have elections for officers who will serve the club for the next two years Thanks to Scott, Gary and Tom who stepped up to fill the positions.

The next big roles to fill are on our video team. Chris will step down at the end of next year and Steve Winkler has withdrawn from the team. I also need to take a step back as I need to address other matters at the meeting. We need a few folks to help set up, make all the connections and run the cameras during meetings and in-house demonstrations. We will be most happy to train you and you will not be running blind as the system is well documented. We finally fixed our Wi-Fi connectivity issue so that is one less thing to worry about. Chris has given us over a year's notice, and he is most certainly willing to train his successor starting immediately. In case you didn't know, we were one of the first woodturning clubs in AAW to offer hybrid meetings because of Covid. Please consider helping your club in these roles.

Mars donated a significant amount of wood for turning and tools which are available in the back room. Check them out and please thank Mars if you see him.

Be sure and check out the article on our very own Barbara Dill in the December 2022 issue of American Woodturner. She talks about her quest for a "systematic understanding" of multiaxis turning.

I wish you all a Happy Holiday Season and a Prosperous New Year.

Norm

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## Turners Corner

### Equipment research by Rob Andrews

I was recently requested by Dennis Hippen to summarize my research process used to evaluate used equipment. The process usually starts the same every time but then takes different routes based on the information being sought out. Sometimes it isn't all that easy, so you need to stick to it!

The first thing I try to do is determine the model, serial number and age of the equipment. Sometimes this information is available in the listing, sometimes its in a picture of the ID plate, sometimes you have to dig deeper.

In this case, Google is your friend. I copy and paste or type in the brand and equipment model such as "Grizzly G0771" which was a recent research effort. When viewing the listing results I found a couple of things right away and several links for more research. So that I do not lose the original listing of links, I hover over the link and right click, then select "open in new tab".

The first link was for the saw itself on the Grizzly website. The link listing provided a lot of information including blade size, arbor size, weight, rip capacity, table height and purchase price. Upon opening the link in a new tab I found that the G0771 was discontinued and replaced with the G0771Z. Specs for the saw are on the page.

Returning to the original links page I saw several links of interest. Some video reviews of the saw, an important recall notice, links to forums where they discuss the saw, and written reviews of the saw. These are all easily viewed by opening in a new tab and scanning the pages. The forums sometimes provide important tips or comments on problems and fixes for the equipment or sources for parts, opinions from old curmudgeonly folks, etc. Then at the bottom of the original link page there are suggested links including: Grizzly table saws for sale used. Somewhere in all of this you will reach an opinion on quality and value. Knowing your opinion, the original purchase price, what the equipment is selling for and any issues, you can then come up with a price point decision. Resist the urge to email the seller and say "HAHAHAHA, you've got to be kidding me!"

Now here are a few items that I also do/use to further research into older equipment. Across the top of the listings, just under the search box is a series of links: All - Images - Shopping, etc. If you are searching for some older equipment, click on the images link. You will get a lot of pictures of equipment and may see one of the equipment or its siblings. Clicking on the image usually loads it into a column on the right and under it are links including the one where the picture was obtained. Be sure to right click and open a new tab to view that page. To get back to the original listing page, simply click "All" at the top of the page.

When I suspect that the machine may be a clone or I simply don't know anything about it, I will sometimes google "Grizzly G0771 problems" or "Grizzly G0771 complaints" or similar to see what comes up.

I also check these websites which are listed below when needed.

[vintagemachinery.org](http://vintagemachinery.org)

[oldwwm.org](http://oldwwm.org) (old wood working machines)

<https://www.cpsc.gov/Recalls>



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## Good air breathing systems - Mike Sorge

We all know how important excellent dust collectors are to a wood shop, and hopefully we all understand having a separate clean air breathing system/respirator is absolutely essential in maintaining good lung health in the long run. Cumulative wood dust is like cumulative smoking, it will eventually deteriorate your health and accelerate your death. Simply wearing a dust-mask will not provide adequate lung protection. Here are three respirator systems worth considering to protect your lungs: 1) Breath-Cool II clean air system, 2) Powercap IP Active Respirator by PekeSafety, and 3) the Sundstrom 500/570 Respirator.

**Note:** For my work, I use the Breathe Cool system when sanding and often use it when turning. I have a “cat door” in my studio door that allows the 50’ hose to efficiently enter my studio from the clean air room. I’m considering getting the PekeSafety Powercap or Sundstrom 500/700 to use when turning and using my Breathe Cool system exclusively for sanding... I also place my Bose Noise-Quitting headphones over my Breathe-Cool helmet to minimize noise from dust collector, etc.

The "**Breathe-Cool II**" system with “**Bump Cap**” helmet (also called "**Tornado**" helmet) pumps clean/fresh air from a distant clean air area or different room. The well-made lightweight “tornado” helmet has a short lightweight hose attached to the back of the helmet and is connected to an adjustable waist belt which supports and connects to the lightweight 50’ hose which connects to the breathe-cool turbine air pump that’s placed in a good-air area. The lightweight (white) connecting hoses are available in 25’ and 50’ lengths and can be connected to add extra length if needed. **Retails for \$510.**

Website link: <https://www.turbineproducts.com/breathecool-ii-supplied-air-respirator-system-w-bumpcap-helmet/>. Also: <http://www.turbineproducts.com/respiratory-protection/>.

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The **PekeSafety Power Cap** dual filter air purifying system. (CVW members Gary Conley, Dave Swiger and others report the Power Cap as being very good.) At only 3.57 pounds, this lithium-ion battery-in-helmet it's very light, much lighter and more comfortable than the Trend Helmet Battery Respirator. Each battery charge lasts 8 hours of use and the Power Cap has excellent visibility. **Retails for \$508.**

Website: <https://pekesafety.com/products/powercap-active-particulate-papr>





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The **Sundstrom SR 500/570** air purifying system is a belt-mounted dual filtered lithium-ion battery air powered filter system providing up to 13 hours before recharging. The well-made “Bump Cap” helmet is adjustable with replaceable face-shield and rated Z87+, 100% NIOSH rating (same as ANSI), filters s 99.997% of all HEPA. **Retail at Woodturners Wonders is \$1189.**

Website: <https://Woodturnerswonders.com>

Direct link to the SR 500/570: <https://woodturnerswonders.com/collections/500-570-system/products/sr-500-570-air-purifying-respirator>

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Cheers to the joy of turning!  
Mike

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## Room Air Circulation Equipment - Joel Spring

It is my opinion that the process of controlling and protecting ourselves from wood dust falls into three (3) categories:

Dust collection system: a system that is designed to capture wood dust at the source

Personal protection system: one that the user wears covering up a portion of their face or a full cap/hood device

Room air circulation device: typically found hanging from the ceiling of a shop space

This writing will concentrate primarily on the air circulation equipment.

The air circulation device is designed to pull in the dust floating around the air of our shop and push out cleaner air. However, does it really do that? Well, yes and no. This type of equipment uses two filters to “clean” the air. An external filter and an internal filter. Generally the external filter filters out dust down to 5 microns and the internal filter down to two and sometimes one micron. I have found these devices to start out around \$150.00 and some at over \$1 thousand. The external filters cost \$15.00 to \$25.00 each depending on the make and model of the circulator.

The question here is does this device “clean” the air? To a degree yes it does. However is it enough? In my opinion, no. A better air circulation device is made by Powermatic (PM1250). It uses a large fan and pulls in the air and can filter the air in a room the size of a 2 car garage up to 99.7% of airborne particles and filters down to 0.1 microns. Much better than the old school style of ceiling hung devices that exhaust 1.0+ microns of dust out and back into the air we breathe.

The next question you should be asking yourself, *is this the only dust prevention device I need?*

**NO.** This is a very nice piece of equipment to own, BUT, you should first upgrade, install, invest in and use the best quality and efficient dust collector and respiratory devices you can afford. And you do need both!

In my opinion, the best use of an air circulation device is when you are done with your work for the day and want to clean out the dust in the air – and before you take off your respirator! You can run the room circulator on a timer for a couple of hours (after you leave) and the next time you walk in to your shop you will have cleaner air to breathe. Doing so can reduce some of that very fine layer of dust that always hangs in the air and covers the flat surfaces in the shop. But trust me, this type of system will not eliminate that thin layer of dust from collecting.

Breathing in wood dust that is less than 1 micron in size is not healthy! Both the CDC and the American Cancer Society have identified wood dust as a carcinogen to humans. The smaller the dust particle, the deeper it is inhaled in to your lungs and the more damage it causes.

I believe the elimination of the dust at the source and prevention/protection against breathing in the dust are much better uses of our hard earned money. Max out your budget on the first two lines of defense. If you have some cash left over, then go ahead and purchase a room air filtration device. Do your homework first and understand the limitations and costs (filters cost money!). Shoot, for less money, you could get a box fan and a furnace filter and probably get close to the same results! You can find these types of homemade units on YouTube.

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## DIY Room Dust Collector – Norm D’Allura

Here is my build of a room air dust collection device. I repurposed a blower from a decommissioned forced air furnace and built a box around it using scrap wood I had lying around the shop. I run it on its lowest speed using a bathroom heater timer that can run it from five minutes up to four hours. I always run it while working with wood in my shop and I usually leave it on for a few hours after I leave my shop. As you can see from the pictures below, it certainly does collect air borne dust. I use standard furnace filters, but you can use HEPA filters. The filters just slide in place from the bottom and are secured using a double wing clip.



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## Show-and-Tell

Our primary way to share Show-and-Tell items is at the monthly meetings. Here all members get a chance to share their work, solicit suggestions as well as creative criticism and learn something new. The newsletter is also a way to share but is missing the interactive element. Please bring your work to the meetings to start a discussion!

We are looking for a member or two to volunteer to take pictures at the meetings and Skill Center sessions for inclusion into the newsletter. If you have photographs for the Newsletter, please send to [norm.dallura@gmail.com](mailto:norm.dallura@gmail.com).

Liz Browne

These two bowls are ambrosia maple ~8"x2" with a flared rim.



And this is a box elder plate - ~9"x1.5"





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Mike Sorge



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Debra Traverse

My first lidded bowl. I learned a LOT!





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Alex Pettigrew's Shop on the Artisan Shop Tour – Photos by Dennis Hippen



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Kirk's shop on the Artisans Shop Tour – Photos by Dennis Hippen



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Fred Williamson's Shop on the Artisan Shop Tour – Photos by Dennis Hippen



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Dennis Hippen

## Cracked Up Osage Orange

Reclamation project as 2 cracks were filled with epoxy/blueberry pigment that after in a gallery for 2 months, wood moved more and bigger cracks? Do I pitch or go whimsical? Cut out the epoxy and make 2 cracks into one big one. Just smile!!!



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OF WOODTURNERS

The Central Virginia Woodturners (CVW), located in the Shenandoah Valley in Crimora, VA, is an affiliate of the [American Association of Woodturners](#), serving turners from Charlottesville to Staunton to Harrisonburg. Please visit our [web site](#) and consider joining our interactive, informative, educational and very friendly club.