

SOUTHERN UTAH Woodturners



American Association of Woodturners Chapter Since May 2010

April 2024

Officers & Contacts

PRESIDENT:

Leon Olson
(763) 458-4370 text only, no calls
suwtpres24@gmail.com

VICE PRESIDENT:

Joe Peacock
(435) 467-2824
joe50peacock@outlook.com

SECRETARY:

JIM POPE
435-559-8277
suwt2020@gmail.com

TREASURER:

Steve Ashworth
(435) 704-4192

WEB PAGE DESIGN:

George Mason
(435) 590-8169
georm@aol.com

NEWSLETTER EDITOR:

Leon Olson
(763) 458-4370 text only, no calls
leonolson@aol.com

AUDIO/VISUAL :

Jim Pope
(435) 559-8277
suwt2020@gmail.com

From the Office of the President--



Recently while talking to Ken Ragsdale, I asked him what he would like to have in our meeting demos. His response was things that challenge him. I find challenges in club demos, books, magazines, online videos. Woodturning magazine has lots of turning challenges. At some point there was an article on turning a bowl emerging from a block of wood. It was years before I turned one. When I did, I emailed the man who wrote the article and thanked him for his article. He appreciated knowing that his article helped me to succeed in turning an emerging bowl.

Our club challenges have also motivated me to do things that I have thought about for years. The May challenge is to turn a bowl and embellish the edge. There is an old YouTube video from Gary Lowe in Scotland on turning an offset bowl with a fun embellished "edge." He used a jam chuck to hold the bowl in an offset position to turn the bowl and embellish the edge. The only thing holding the bowl is a tenon on the bottom of the bowl held in the jam chuck. It is extremely important that the jam chuck holds well. As I was turning the tenon, when I got close to the correct size I got out a tool I had seen in a video by Cindy Drozda. That tool made getting the tenon the correct size and shape fast and easy.

Sometimes we need a little nudge to do things we have thought about doing. Hopefully the monthly club challenge will get you to at least try new things. Sometimes we need instructions or a tool we did not know about to succeed.

As the club leaders, we do not have all the answers you need but we can help you find where to look. Our goal as club leaders is to help you succeed.

We are making the application for membership to Southern Utah Woodturners available on our website as well as including with the newsletter mailing as a separate attachment. Please mail form, with dues check (\$30) for 2022, to Glenn Pearson at the address on the application so he may update our records for the membership roster.

The demo of the month was Jim Pope talking his dust collection systems and Leon Olson talking about ways he deals with dust.



Jim told us about his vacuum system which is a high volume fan with pleated filter. The pleated filter has a much larger filter surface area making it easier to pass air through the filter. The system is connected to an Oneida Dust Deputy prefilter system. The prefilter protects the fan from large objects drawn into the system as well as keeping the filter clean.



Jim also told us about the air filtration unit he made. It has a squirrel cage fan blowing air out with filters on two sides for the air drawn into the box. There are coarse filters covering the finer filters. You can see both the coarse and fine filters along with the



Dust masks

Notice the warning label on the left just above 8200 N95

DIY / Homeowner: Use ONLY in NON-HARMFUL Environments.

It used to be a clear warning. The warning used to say, this WILL NOT protect your lungs. It was correct but probably hurt sales.

A Half Mask will protect your lungs. I have a daughter that was an RN working in the ICU unit of a major hospital during Covid. This is what she was required to wear at all times, along with a face shield to protect her eyes.

You can walk into ACE Hardware and buy one of these for \$50. I paid \$75 when I bought mine over ten years ago.





This is a 12 gallon Rigid shop vacuum with a Chinese copy of a Dust Deputy. It would have been a lot easier, quicker and cheaper to go to ACE Hardware and buy the Onedia Dust Deputy kit complete with a Dust Deputy, hoses, hose clamps and a lidded bucket for \$100. There are other prefilter units as well for less. If you have no prefilter unit, you will eventually spend more on filters. I burned up the motor of a shop vac by not checking the filter often enough. The prefilter unit allows the vacuum to run at full vacuum.

Finding a bucket that can resist the force of air pressure when a vacuum is drawing air out can be a challenge. Regular five gallon plastic buckets are not strong enough. The bucket in the photo is a steel bucket with a steel lid. There are plastic buckets that are strong enough. I had one at the meeting and put it on the raffle table.

Show & Tell, this month's challenge was to turn something you had



Leon Olson with a small cherry bowl that has been bleached on the outside



Ken Carter with a vase and flower



Jim Pope with two pepper mills turned from twisted willow



Ken Kofoed with an olive vase with shop made faux bark to cover a large inclusion and a stem footed platter using olive wood rounds laid in a form and covered with tinted epoxy. He had a shaped shoehorn with an epoxy coating. He also had a segmented platter that had some issues which he fixed by sand blasting the surfaces



Joe Peacock with a vase that has been sculpted and then dyed with an alcohol based dye. He also has a finished bowl that





Will Arcularius with an aspen bowl that has been laser engraved. He commented how laser engraving can enhance a turning.

Karl Bradshaw with a gavel made from laminated wood for a friend in the American Legion



Roger Bender had a white oak platter and a highly colored and spalted aspen platter. Unfortunately there are no photos of Roger with his turnings

Sunny Johnson with a pen with a flower. The flower was turned using the inside/outside process

GALLERY



Will Arcularius laser engraved aspen bowl



Jim Pope two twisted willow pepper mills

**Leon Olson small cherry bowl
bleached on the outside**





**Karl Bradshaw laminated
gavel**



**Joe Peacock
sculpted and dyed vase**



**Roger Bender
Highly colored
and spalted
aspen platter**

**White oak
platter**



TIPS AND TRICKS

Leon Olson

Lathe tools

The first question would be, carbide or high speed steel. Mike Hunter makes very nice carbide tools as does Easy Wood Tools and others. To sharpen HSS you have to have a grinder, \$100 or more for an 8" slow speed grinder, and over \$100 for a sharpening jig. The Oneway Wolverine system, \$130 at Craft Supplies USA, is the most popular grinding jig and is easy to use with a few instructions. If you upgrade the wheels from the white wheels to a Norton 3X blue wheel and a CBN wheel that would be almost \$200 depending on where you get them. Call it \$500 by the time you add a few other incidentals. The carbide tools from Hunter or Easy Wood and the HSS, high speed steel, from Sorby, Henry Taylor, Crown, Hamlet or Thompson are all in about the same price range. So, \$500 versus the cost of the carbide inserts over the life of the tool. As a machinist I bought a lot of carbide inserts. They are usually about \$200 per pack of ten. It was cheaper to buy the whole pack. As I told Mike Hunter at our meetings in Minnesota, I am going to use HSS tools. In the long run HSS tools are cheaper and more versatile. However, if you just want to turn and not be bothered with sharpening, use carbide. The club carbide hollowing system uses inserts that cost a lot less than the Hunter inserts. So, HSS tools require a sharpening system that is expensive to begin but carbide tools will cost more over the life of the tools.

Carbide scraping tools can cut beautifully but usually do not cut as well as sharp HSS. How long does it take to learn how to use carbide, a few minutes. How long does it take to learn how to use HSS tools? With instruction from someone who actually knows how to use them correctly it still takes months. To really get good takes more time and lots of practice. It has taken a long time to learn to sharpen my tools correctly. At this point I can sharpen them in seconds and make nice clean cuts. Despite the long learning curve I would still choose HSS tools and a sharpening system rather than carbide. Jack Gunn made beautiful complex turnings and only cut by scraping.

If you want HSS and you do not want to waste money, do not buy a set of tools. Sets always include at least one tool you will never use. The first tool I would buy is a half inch bowl gouge. Next, I would buy a half inch spindle gouge. Eventually I would buy a spindle roughing gouge. At some point you will need a parting tool. I use my 3/8 x 3/8 inch square parting/beading tool almost every time I turn. I rarely use my parting tool. I use the parting tool I made more than the parting tool I bought. Eventually you will want other tools like a skew or a scraper.

Last is the question, do you buy the best most expensive HSS tools to begin with or the adequate but inexpensive tools to learn sharpening and turning. If you want to try a different grind on an inexpensive tool just to see if it works better for you, it will not hurt as much as grinding that beautiful Sorby tool like I did. It did not work better. I wasted years' worth of expensive HSS. Penn State Industries makes HSS lathe tools that are adequate and inexpensive. There are others but you have to be careful. I have seen tools marked HSS that were actually high carbon tools. I have seen multiple sets of turning tools from Harbor Freight marked HSS that were actually high carbon steel. High carbon steel is good for making knives but not lathe tools. The second you overheat them the temper is gone. Used tools are interesting. The question is how old are they. When I started turning, we had high carbon tools and very slow speed water wheel grinders. Now those water wheel grinders cost a lot more than \$500.

WHY WE LIVE IN SOUTHERN UTAH



Rampart's Overlook Trail Cedar Breaks National Monument

Glen Pearson Photos

Attendees to regular meeting January, 2023

Gayle Adams, Will Arcularius, Steve Ashworth, Roger Bender, Jeff Blonder, Karl Bradshaw, Ken Carter, Ross Henshaw, Reiner Jakel, Jerry Keller, Ken Kofoed, Karl McMullin, Leon Olson, Joe Peacock, Glen Pearson, Jim Pope, Dylan Reber, Scott Richey, Don Smith, Bill Vincent, Eric Walker, Susan Wells, Chuck Zimmerman.

Students: Jared Barlow, Sunny Johnson, Sean Lovell

Visitors: Rori Clark, David Haney, Brody Jensen, Ethan Johnson, Allan Niles

Dedicated to promoting woodturning in Southern Utah through
educational demos, classes & fellowship between members.

"Learning Through Turning"

Turn Often & Turn Safe

Meeting the 2nd Saturday of each month

Visit our website at :

<https://www.southernutahwoodturners.com>

Email-- suwtclub@gmail.com

ITEMS FOR SALE BY MEMBERS

Please submit items for sale to Leon Olson (leonolson@aol.com) before the 15th of the month to be included in the newsletter. Include SUWT Newsletter in the title of the email

FOR SALE

Fishlake Lumber Co.
 Rough Sawn Lumber Specialists
 Full Line of Building Supplies
 Ace Hardware & IFA Dealer

435-438-5454
 800-304-5454
 Fax 435-438-5477
 1627 N. Hwy. 357
 P.O. Box L
 Beaver, UT 84713

Lynn Anderson
<http://fishlakesawmill.com>
fishlakelumber@infowest.com



The Foundation
 of Valley View Medical Center

SUU SOUTHERN
 UTAH
 UNIVERSITY

LEARNING LIVES FOREVER

NEVINSTOOLS.COM
 508.846.4512



MOTION

Dennis Gledhill
 Customer Service Representative
dennis.gledhill@Motion.com

3284 E. Deseret Drive, Suite 15
 St. George, UT 84790
Motion.com

P: 435-705-7660
 D: 435-705-7664

FREE ESTIMATES ALL BRANDS

Mike's
TOOL & NAIL LLC
 CONSTRUCTION SUPPLY
 Sales • Service • Fasteners

Mike Finn
 Owner

635 W. 2675 N.
 Cedar City, UT 84721

Ph: 435-531-0077
mikestoolandnail@yahoo.com
www.mikestool.com

Motion Industries is near Costco. They sell belts and bearings among other things. This location is a sales office but they gets things quickly.

Mike's repair is not far from Canyon View High School but it is on the north side of the freeway. There is a road under the freeway from the school. The website is mikestool.com You need to be careful to get it exact. There is another website that is one letter different.