

SOUTHERN UTAH Woodturners



American Association of Woodturners Chapter Since May 2010

AUGUST 2023

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From the Office of the President--

Hello fellow woodturners,

The meeting was lightly attended and those who were there were treated to two demonstrations. Leon Olson demonstrated and discussed chucks, various collets and showed how he turns fine finials. Following him, Jim Pope demonstrated using shop made mandrels and turned a birdhouse ornament.

As a club we decided to participate in the first annual Chamber of Commerce Christmas festival on November 25th. It involves the club setting up a booth and selling ornaments and other small items turned by the club members. All proceeds go to the club will be donated to our charity of choice. Roger Bender is the point person on this project and will present more details at the next meeting.

Canyon Creek Services, formally Womens Crisis Center, made a presentation about all of the services they provide and thanked the club for our donations of money and also the turned items the members donated to their Gala last year. Several members agreed to turn a donated item to be auctioned at the Canyon Creek Services gala in October. The items are due at the September 9th meeting to allow for final prep and engraving, so volunteers, let's get turning.

We hope to have a professional turner at the September 9th meeting so stay tuned for further.

Take care, turn safe and turn often.

From the Office of the Secretary--

The tamarisk removal operation has been on hold for the summer , but scheduled to start again in October. Barry Gray is still a contact person and should have an update at next meeting.

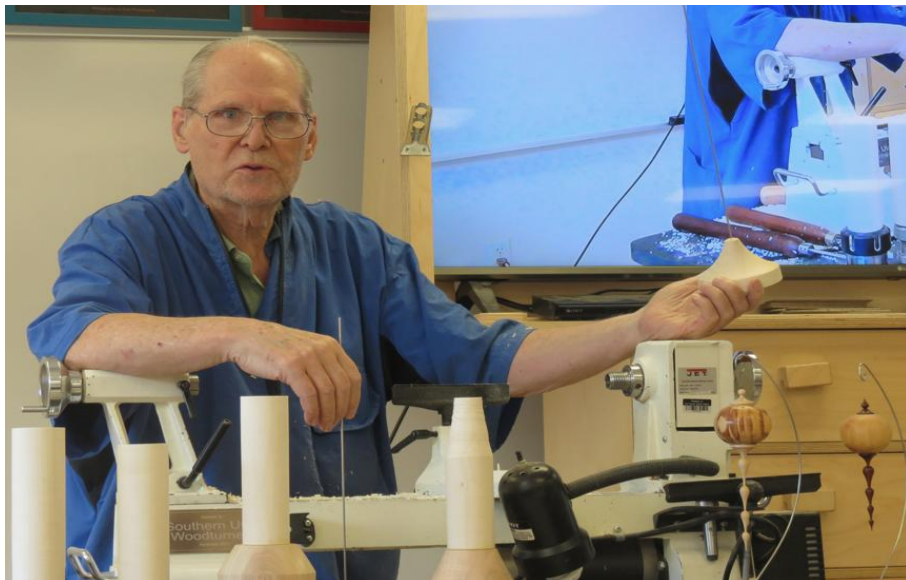
There's still a number of members that have not paid their dues for 2023. If you wish to continue as a member, your dues will have to be current by October 1 of 2023.

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 demos of the month: Leon Olson making Christmas ornaments and Jim Pope making bird houses



Six ways to mount ornaments blanks on the lathe. Two Christmas ornaments hanging on display bases. The silver maple finial blanks are oversize to keep the finial rigid while turning. As each section is turned to shape, it is finish sanded. Turning the undercut to match the round bulb with a tenon to glue into the bulb. Do not attempt to turn the bulb absolutely round. A base with stainless steel welding rod, will be bent to shape on a bending fixture. A piano wire hook will be bent to shape on another bending fixture.





Jim with an expanding mandrel for holding the bird house blank on the lathe with another expanding mandrel for holding the roof in his hand. Mounting the bird house blank and turning it to shape. There is another mandrel for drilling the opening and the hole for a landing perch made with a round tooth pick.



Turning the roof and screwing an eyelet into the roof



Show & Tell



Mike Russell with a figured maple bowl turned by Phil Stivers and a smaller maple turned by Mike

Don Smith with a segmented lidded vase , colored with India ink pens



Jerry Keller with an inside outside beaded illusion hollow form





Jeff Blonder with a tall segmented vase made with walnut, maple and mahogany



Vernile Prince with a silver maple lidded vase

GALLERY



Phil Stivers, from San Diego, figured maple bowl and a smaller maple bowl turned by Mike Russel. Phil was giving Mike instructions on how to turn bowls.





Jerry Keller
inside outside beaded
illusion hollow form



Don Smith
Segmented lidded vase,
colored with India ink
pens



Jeff Blonder
Tall segmented vase made with
walnut, maple and mahogany



Vernile Prince
Silver maple lidded vase

Power sanding

Most of us have power sanders to use on the lathe. Generally, it is some kind of right angle drill motor with a three jaw chuck. It could be a right angle buffer with speed control. Right angle grinders do not work well because the rpm range is too high, both electric and air driven. Usually, we use hook and loop systems like Velcro sanding discs. We tend to push too hard or keep using the disc when the grit is worn out and generate too much heat which destroys the hook and loop and the sanding discs fly off. Yes, we get it to work but not without problems. There are better abrasive disc holding systems.

Recently my grandson came to visit. He wanted to turn different things like an offset bowl. In preparation for his visit, I went through my wood collection and got out different pieces of wood for him to choose from. I have had a large silver maple "burl" for at least ten years. It was a growth on the side of a big silver maple tree. When he saw the burl, that is what he wanted to use. Actually, there was no "burl" in the wood. It is extremely figured wood. The silver maple "burl" is soft and there is some spalt. When he turned the offset bowl, there was some deep tear out because the grain was going in every direction. After he had the basic bowl shape turned, I realized, after trying a variety of tools, that the only way he was going to get a surface with no tear out would be to grind it. It only took a few minutes until the first hook and loop sanding disc went flying. Over the years I have used a variety of systems for holding sanding discs. The hook and loop systems like Velcro are a relatively new way to hold the sandpaper. It is fast and easy to change the discs but there are better systems. I went through my collection of sanding disc holding systems and found what he needed. I have both the 3M Standard Abrasive TS and TR systems. The discs for the TR system included three inch sanding discs that allowed him to quickly get a perfect surface inside the bowl. He was then able to finish sand the surface by hand on the lathe.

Below I have photos of the 3M TS and TR systems. One disc holder is over forty years old. The TS and TR systems were not new systems when I got mine. Like every other system there are flaws. Those flaws only become apparent when sanding at extremely high speeds and sanding materials like steel. I used my holders in air driven die grinders at over twenty thousand rpm. If woodturners used a sander that ran that fast the sandpaper would quickly create a new shape, not simply make a surface smooth.

The TS and TR systems have become industry standards and there are any numbers of manufacturers making sanding discs that are compatible in a variety of grits. If you want a good price, you buy from twenty five to one hundred discs at a time. We buy hook and loop sanding discs the same way. You can buy the TR discs one at a time locally. I found them at an auto supply store. The least expensive way to buy the sanding disc holders and sanding discs is online. Be careful to get a medium hardness holder.

I have a pile of trashed hook and loop disc holders. It might be possible to remove the Velcro and replace it. I just buy new ones. The TR holders I have, have been used for hundreds of hours if not more and still work the way they did originally. I doubt I have one hundred hours of sanding in that entire pile of trashed hook and loop disc holders.

There is an article in the American Woodturner, issue Summer 2005 Vol. 20, No. 2, pages 19-21 titled "Soft Discs for Power Sanding" by Larry Genender. In the article he describes how to create soft discs using TR sanding discs as a base for soft sanding pads. He also describes a way to bond sandpaper onto the foam. OR, you can go to woodturnerswonders.com and order the Ultimate sanding kit in the 1 1/2", 2" or 3" and get the TR holder with foam pads with hook and loop for a lot less money.

3M TR or ROLOC Quick Change System



3M TS Quick Change System



woodturnerswonders.com

	<p>Save \$ 1.95</p>	<p>Save \$ 5.90</p>	<p>Save \$ 3.90</p>
<p>Ultimate 2" and 3" Sanding Kit</p> <p>\$ 69.95</p>	<p>Ultimate 2" + 3" Sanding Kit PLUS</p> <p>\$ 108.95 \$ 110.90</p>	<p>Ultimate 2" + 3" Sanding Kit with 2" and 3" Wonder Weave Sanding Discs</p> <p>\$ 82.95 \$ 88.85</p>	<p>Ultimate 2" + 3" Sanding Kit with 2" and 3" Purple Power Sanding Discs</p> <p>\$ 78.95 \$ 82.85</p>
<p>Save \$ 14.65</p> <p>Ultimate Sanding Kit + Super Sample Pack Bundle</p> <p>\$ 112.95 \$ 127.60</p>	<p>Save \$ 6.75</p> <p>Ultimate 2" Sanding Kit</p> <p>\$ 29.95 \$ 36.70</p>	<p>Save \$ 11.25</p> <p>Ultimate 3" Sanding Kit</p> <p>\$ 39.95 \$ 51.20</p>	<p>Save \$ 2.75</p> <p>Mini Ultimate Sanding Kit 1.5"</p> <p>\$ 15.95 \$ 18.70</p>



Ultimate Hex Sanding Bundle

\$ 44.95 ~~\$ 56.45~~



Roloc Foam Disc Holder, 1.5-inch

\$ 2.95



Roloc Foam Pad Disc Holder, 2-inch

\$ 3.95



Roloc Foam Pad Disc Holder, 3-inch

\$ 4.95



Roloc Mandrel Stem - 1-inch (30mm)

\$ 3.95



Roloc Mandrel Stem, 2-inch

\$ 6.95



Roloc Mandrel Stem, 3-inch

\$ 7.95



Intermittent Hook & Loop Pad, 2-inch

\$ 2.00



Intermittent Hook & Loop Pad, 3-inch

\$ 2.75



Sanding Pad Holder Repair Discs

\$ 8.95



Hex Shanks

from \$ 3.95



Knitted Wool Buffing Pad - 2" hook and loop mounting



Green Wave Sanding Disks, 2-inch (oversized) - Sample Pack

\$ 7.25



Green Wave Sanding Disks, 3-inch (oversized) - Sample Pack

\$ 7.50



Green Wave Premium Pack 1", 200 Disks

\$ 24.00 ~~\$ 32.00~~



Green Wave Premium Pack 2", 200 Disks

\$ 26.40 ~~\$ 34.00~~

WHY WE LIVE IN SOUTHERN UTAH



Globe Mallow super bloom
Glen Pearson Photos

Attendees to regular meeting September, 2023

Lyman Abbott, Allen Berry, Roger Bender, Jeff Blonder, Karl Bradshaw, Gordon Card, Kim Kristofferson, Joe DeLong, Les Gray, Jack Gunn, Ross Henshaw, Sunny Johnson (student), Jerry Keller, Leon Olson, Jim Pope, Vernile Prince, Mike Russell, Don Smith, Bill Vincent, Eric Walker, Chuck Zimmerman.

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

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NEVINSTOOLS.COM

508.846.4512



MOTION

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Customer Service Representative
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D: 435-705-7664

Motion.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.

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

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.