

# SOUTHERN UTAH Woodturners



American Association of Woodturners Chapter Since May 2010

September 2023

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## **From the Office of the President--**

**Hello fellow club members,**

**First I want to thank Bill Vincent for stepping in to run the meeting in my absence. The club wouldn't run without him so a big thanks.**

**Secondly I want to thank Kirk DeHeer for coming down and doing another excellent demonstration on very short notice. I know we all enjoy Kirk's skill, turning tips and humor.**

**Thirdly I want to express the clubs thanks to our secretary Jim Pope for agreeing to be the coordinator for the upcoming " mini-symposium" at our next meeting in October. We will have several turning stations so there's lots of opportunities for our members and students to learn new skills and refresh some old ones at each different turning demonstration station.**

**With our experience from the last symposium in April, there won't be a raffle or show and tell so that we can get right to the lathes. Lunch will not be provided .**

**On another note, the members of this outstanding club turned and donated 25 items for the Canyon Creek Services auction and fundraiser. Thanks to all who contributed, with special thanks to Will Arcularius and Roger Bender for the coordination of receiving, lasering and delivery of the turnings.**

**Lastly, many thanks go to Leon Olson for preparing the newsletter each month. They have been terrific! See you all in October, and until then, safe turning.**

**From the Secretary--**

**What he said and we still need members to step up and demo at the October meeting.**

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 2023, to Glenn Pearson at the address on the application so he may update our records for the membership roster.

**The demos of the month: Kirk DeHeer Spindle turning**



**Discussing blanks and grain orientation for**



**Properly cut shavings cut with a spindle roughing gouge after the blank is round**

**Cutting beads and coves with a spindle gouge**



**Cutting the leaves/needles of a Christmas tree with a skew**





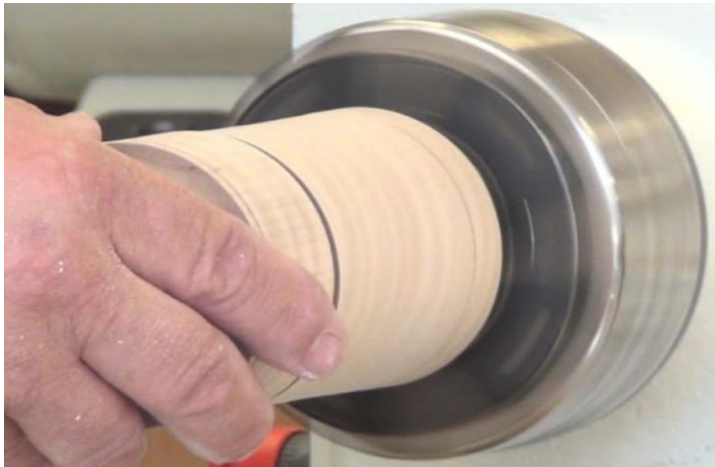
**Discussing how to make a box**



**Turning end grain smooth and clean with a spindle gouge**

**Checking the fit of the hollowed lid with the box**

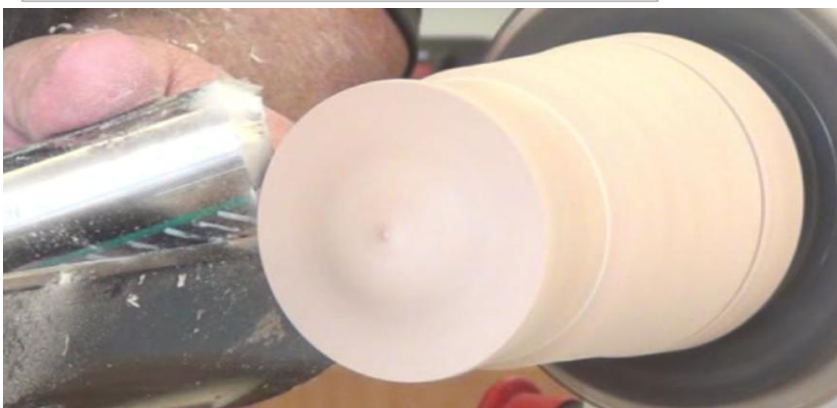
**Hollowing the box. First he drilled a hole in the center with a spindle gouge. Then he rough hollowed the box cutting from the hole out to the wall. Last, he finished hollowing the box with a scraper.**



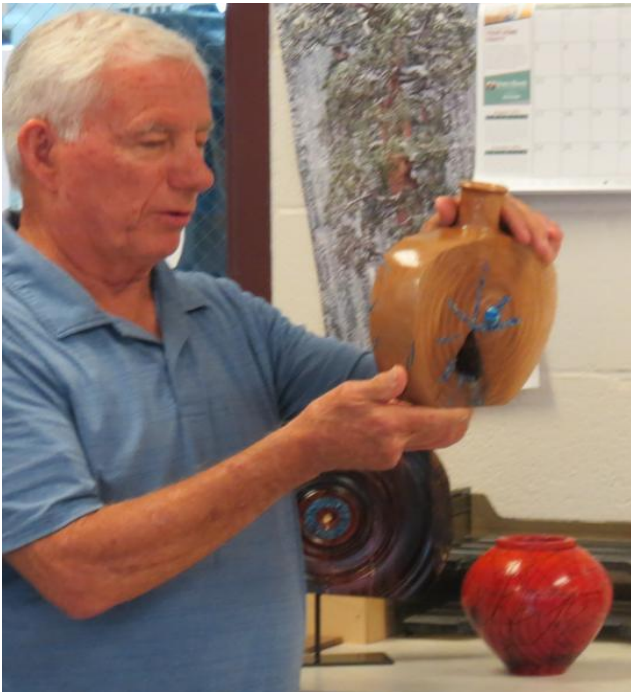
**Cutting the outside of the box and lid**



**Finish cutting the bottom with the box on a jam chuck. Note the ring which lifts the box from the surface it sits upon.**



# Show & Tell



**Joe Peacock with two pumpkins, cocobola platter, honey locust bowl, sycamore vase with blue inlay, dyed ash vase and an ornate turned and carved vase**

**Karl Bradshaw with three pens and a rolling pin**





**Jack Gunn with a lidded segmented vase**



**Bill Vincent with a tamarisk bowl and another bowl made from a "really nice wood"**



**Jim Pope with a basket illusion bowl made by Jerry Keller**



**Jim Pope with a toothpick holder and an angled open segmented bowl**



**Leon Olson with bird houses with bases**



**Ken Kofoed with a dark oak vase with an open segmented feature ring and a tamarisk bowl with a feature ring and a segmented lip**

**Reiner Jakel with two walnut natural edge bowls and a small cherry bowl**

**Mike Russell with seven pens**





**Steve Ashworth with a maple bowl with multiple beads on the rim**



**Steve Ashworth with an aspen bowl turned by Will Arcularius**



**Don Wilson with a natural edge bowl, a segmented bowl with resin, a juniper/cedar cross section clock with resin and a platter with LED lights embedded in resin**







**Vernile Prince with a bowl made with skewers laminated together with resin and two small bowls. One with resin.**

**Sunny Johnson with a small platter and a lidded bowl**



# GALLERY



**Joe Peacock**  
Two pumpkins, ornate turned and carved  
vase, dyed ash vase, sycamore vase with inlay,  
honey locust bowl





**Joe Peacock  
Cocobola platter**



**Karl Bradshaw  
Three pens and a rolling pin**



**Jack Gunn  
Lidded segmented vase**



**Bill Vincent**  
A tamarisk bowl and another bowl  
made from "a really nice wood"



**Jerry Keller**  
Basket illusion bowl



**Jim Pope**  
Angled open segmented bowl and a toothpick holder



**Leon Olson**  
Bird houses with display stands

**Mike Russel**  
Seven pens





**Ken Kofoed**  
Dark oak vase with open segmented  
feature ring and a tamarisk bowl with  
segmented lip and feature ring





**Reiner Jakel**  
Two walnut bowls with live edge and  
a small cherry bowl



**Will Arcularius**  
Natural edge aspen  
bowl



**Steve Ashworth**  
Maple bowl with  
multiple beaded  
rim

**Don Wilson**  
Shallow bowl with LED lights  
embedded in the center with  
remote control and a small live







**Don Wilson**

**Juniper/cedar cross section clock with resin and a segmented bowl with resin**





**Vernile Prince**  
two small bowls, one with resin,  
and a bowl made with skewers  
laminated with resin

## Tool shapes #2

As a machinist I cut many different types of plastic, each with their own cutting characteristics. We usually had to flycut the plastic to a given thickness before we machined the part we were making. Sheets of plastic can vary in thickness substantially. The flycutter tool geometry was usually similar to a roughing gouge and would cut similar shavings. One exception to that was acrylic. When we flycut acrylic the flycutter tool was like a scraper. The face of the tool had no bevel, it was vertical or 90 degrees to the surface being created with just enough clearance angle on the bottom of the cutter that it would not rub the material. The shape of the cutter was a large radius. For other plastics, like polycarbonate or nylon, the face of the cutter had a bevel and we used a very small radius so that the chips/shavings were small. The reason we could have large shaving when cutting acrylic is that the chips/shavings would simply disintegrate into dust or close to it. There was no danger of the chips/shavings being one long continuous piece like polycarbonate or nylon. We also had to take light cuts or we would simply shatter the acrylic.

So why am I discussing this. A student at Cedar High had an acrylic pen blank. When he tried to cut it, he simply put a roughing gouge into the blank as if he was cutting wood. The result was that he shattered the blank. Some of the casting resins would do the same thing. Other resins would cut more like polycarbonate or nylon. The safest cut when cutting a new material is a very light cut. If I tried to cut snakewood or cocobolo like aspen, I would have a very bad experience. Cutting acrylic with a gouge and taking a heavy cut is probably not going to work well. I say probably because we occasionally got extruded acrylic rod which cut more like polycarbonate.

As turners we cut several materials that require specific tool geometry like acrylic, tagua nut, extremely dense woods and highly figured woods. If anyone wants to try turning a tagua nut, let me know I have lots of them.

A student at Cedar High was turning an extremely figured piece of aspen and after getting it round had to grind it to the shape he wanted because of the issue of tear out. It was unusually hard and cross grained. The school does not have any negative rake scrapers. In fact, it only has two scrapers and they are for curved surfaces like the inside of a bowl. Use the best tool you have for the material you are trying to turn. Practice cutting a scrap of the material before you try to turn the real blank.

## WHY WE LIVE IN SOUTHERN UTAH



Duck Creek Pond  
Glen Pearson Photos

### *Attendees to regular meeting January, 2023*

Lyman Abbott, Steve Ashworth, Roger Bender, Jeff Blonder, Karl Bradshaw, Gordon Card, Barry Gray, Les Gray, Jack Gunn, Ross Henshaw, Lavar Hadley, Chad Humphries, Reiner Jakel, Sunny Johnson (student), Ron Kirchen, Ken Kofoed, Karl McMullin, Leon Olson, Joe Peacock, Glenn Pearson, Jim Pope, Vernile Prince, Mike Russell, John Spevak, Bob Stringham, Bill Vincent, Eric Walker, Noel Wells, Su Wells, Don Wilson.

Guests: Ray Alvey, Royce Jolley

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](mailto: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](mailto:fishlakelumber@infowest.com)



**The Foundation**  
 of Valley View Medical Center

**SUU** SOUTHERN  
 UTAH  
 UNIVERSITY

LEARNING LIVES FOREVER

**NEVINSTOOLS.COM**  
 508.846.4512

CANYON CREEK SERVICES




**MOTION**

Dennis Gledhill  
 Customer Service Representative  
[dennis.gledhill@Motion.com](mailto:dennis.gledhill@Motion.com)

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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](mailto:mikestoolandnail@yahoo.com)  
[www.mikestool.com](http://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](http://mikestool.com) You need to be careful to get it exact. There is another website that is one letter different.