

# UTAH WOODCHIPS



## Message from the President

May - 2007

April 3rd we gathered at Timberline Woodworkers Supply in Orem. We were fortunate to have Lynn Jacobson demonstrate many of the techniques he uses in the incredible segmented work he does. There was a great deal of information shared and there's much more to see inside. Thank you Lynn for a great job.

We followed up this past Thursday discussing and cutting staves for vases and pieces for a bowl from a board. Some took the opportunity to perform the first glue up steps. I think everyone has a good start on the segmented challenge coming up in June.

I took the opportunity while we were at Timberline to recognize Bob Carter for his role as President and all the work he has done in his years of service. There are so many others who actively support the club with their volunteer service. Thank you all who support the club's efforts.

May 1st we will meet at MacBeath Hardwood where Joe Wagner will demonstrate. Joe is a very talented wood turner with a wealth of knowledge and we are fortunate to have him so involved in the club.

Don't forget the third Thursday training and the club picnic at Craft Supplies in June.

There are three additional events coming up as well. On Saturday, May 19th, we are going to have a turnathon up at Mt. Green, like we have in the past. Pack up your midi lathe, tools and project wood, and join us for a fun day. If you don't own a midi, bring your tools and wood, as there are always extra lathes available. The club will provide lunch. Saturday, June 9th, Malcolm Tibbetts will put on a segmented turning workshop. We will meet at MacBeath at 9:00. The cost will be \$25 per person and will include lunch. Finally, don't forget the symposium coming up June 21- 23. You will want to register for this right away as there are only about 450 tickets and it always sells out early. Visit <http://www.utahwoodturning.com> for registration information.

Remember to do the turners' challenge each month. It's a great way to practice what we learn in the demonstrations and hone our skills. The best few (judged by me) will receive a \$10.00 gift certificate from Craft Supplies, USA. Any current member can enter.

*—Dave Best*

## Regular Monthly Meeting ( first Tuesday )

May 1st - MacBeath Hardwood

1576 S 300 W - SLC

June— 5th - Club Picnic

Craft Supplies USA

1287 E 1120 S - Provo

July - To be announced



Now accepting orders for the Utah Woodturners Symposium 2006 CD

2005 Utah Woodturners Symposium CD is still available

We also have CD's back to 1999

The CD is compatible with PC and Mac

Cost \$35.00 each and includes shipping

If you would like to buy a CD at the club meeting, they are available for \$30.00 by saving shipping costs

## Lynn Jacobson —

### Segmented Turning

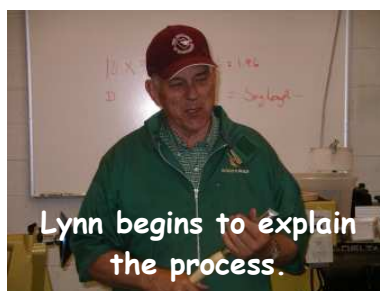
Lynn has been in the club for two years and really loves segmented work. Lynn takes much of his inspiration from Ray Allen's book on segmenting. He also likes Malcom Tibbets. Lynn told us the formula for determining segment length. It is diameter times pi equals circumference which is then divided by the number of segments to get the segment length. Lynn cuts his segments on his inexpensive Sears sliding miter saw. He sands every piece using a shop made "sled" to save his fingers, and checks the ring for daylight before gluing up. When he is ready to do a glue up, he lays out a piece of blue masking tape sticky side up on his bench and sets the segments on the tape heel to heel. He uses Tightbond 2 glue and applies glue to just one side of each segment and claims to have never had a single glue failure. Lynn is careful to skip the first and middle segment with glue so he can do a final sanding to insure perfect joints in every ring. He glues up each half ring and clamps them with large hose clamps. Someone asked where to buy those big clamps and Lynn told us he buys them at CalRanch. After the glue dries, he

then touches the half on each side of a running disc sander with 80 grit paper. That way the halves fits perfectly every time.

He likes maple and walnut among other woods. Lynn uses lots of black veneer for accent lines so he dyes his own using walnut veneer he buys at Timberline by soaking it in apple cider vinegar and steel wool. Lynn showed us several "fancy rings" that he calls the focus ring. Lynn likes to make his focus ring with lots of detail and sometimes many segments. You can see in the pictures, examples of Lynn's work, many of which are his unique designs. Some are very complex with lots of individual pieces glued up to form each individual segment.

When the rings are ready, he runs them through a surfacing sander to ensure uniform thickness, and a suitable gluing surface. He glues up the segment rings for each half on the lathe using a large blue anodized aluminum cone to center the rings. He then puts the rings in a shop-made arbor press to clamp them until the glue is dry. Lynn turns hollow forms one-half at a time, making sure that the diameters of each half are a good match. He then uses a spindle adapter on the tail stock to make sure they align as he works the outside profile diameter for a spot on fit. He works down the inside of one half and gets it down to the desired thickness, often 1/8 inch. To part off he uses a device called a bowl checker he bought at Craft Supplies. Lynn showed us a mandrel he uses for finishing which supports the rim of the opening, while sticking to the inside of the bottom with double stick tape.

His work is really amazing! Nice job Lynn!





Rings ready for glue up.  
Note focus ring at left.



Aligning rings on the lathe



One half nearly turned  
ready to be mated.



Test fitting the halves.

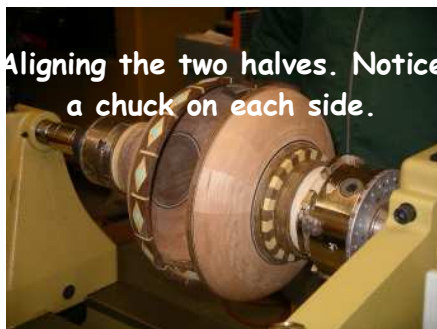


Lynn's finishing mandrel.

Note the double-sided  
tape on the end to stick  
to the bottom inside



Finishing the solid bottom  
ring or base.



Aligning the two halves. Notice  
a chuck on each side.



The two halves meet



Note the focus ring  
lower left



Examples of Lynn's amazing  
work

### Utah Woodchips

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2006 to 2009 Club Officers

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Utah Association of Woodturners

Be sure to look at our club shirts, hats  
and videos on our Club Website:

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

**Utah Association of Woodturners**  
**2276 E. Andermatt Circle**  
**Sandy UT 84093**  
**utahwoodturners.org**

**Utah Association of Woodturners**

The Utah Association of Woodturners was formed in 1988 and is a local chapter of the American Association of Woodturners

**Meetings** - first Tuesday of each month at various shops or wood stores that support our club

Refreshments 6:30

Meeting 7:00 - 8:45 pm

You are invited to attend and become a part of the group. For more information contact any club officer.

Dues begin July 1<sup>st</sup> of each year:

\$25.00 full year

\$20.00 three quarters

\$15.00 half year

\$10.00 last quarter

Spouse \$10.00

**Training Meeting**  
**3<sup>rd</sup> Thursday—7 pm**

Woodcraft Supplies  
 9891 S. 500 W.  
 Salt Lake City

Mt. Green Turnathon will be held on Saturday, May 19th. We'll begin around 9 a.m. Lunch will be provided. Plan on joining us for a fun day of turning together.

**Turners Challenge**

**Apr (for May meeting)**

Threaded box

**May (for June meeting)**

Segmented

**June (for July meeting)**

Square-winged vessel

Mark your calendars for Saturday, June 9th. A segmented turning workshop will be held at MacBeath with Malcolm Tibbetts. We will meet at 9 a.m. Cost is \$25 and includes lunch.

Sign-up soon.

