

UTAH WOODCHIPS



Message from the President

March - 2007

On February 6th we met at Ben Lomond High in Ogden where Mike Hyer demonstrated a square bowl. He brought several examples of his work and explained about tree growth. For his demo Mike used Purple Heart for the first time and decided it is not at the top of his favorite woods list. Check out the full story inside. Great job Mike.

The third Thursday training at Woodcraft, we discussed a number of chucking methods, many of which included components you make yourself. It was a very educational evening.

Coming up on March 6th we will gather at MacBeath where Jim McBride will demonstrate a threaded, lidded box. We will follow up on the third Thursday training with threading. It will include an opportunity to try it yourself, so come join us. In April we will be back down at Timberline in Orem where Lynn Jacobson will demonstrate segmented turning. Following we will be at MacBeath Hardwood in May with Joe Wagner demonstrating and then the club picnic at Craft Supplies in June.

Craft Supplies made a positive change in the certificates they provide us for our turner's challenge. We now have a few \$10.00 gift certificates to pass out instead of one \$15.00 certificate. Thanks for the fabulous support Craft Supplies USA!

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 for the event.

On 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 lunch will be provided.

Finally, don't forget the symposium coming up June 21- 23. You will want to register for this right away because there are only 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)

Mar 6th - MacBeath Hardwood

1576 S 300 W - SLC

Apr 3rd - Timberline

1402 W. Center - Orem

May - MacBeath Hardwood

1576 S 300 W - SLC



Mike Hyer demonstrates
for us!

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

Mike Hyer — Square-Edge Bowls

Mike Hyer is a great young man, a fine wood turner and may be the youngest active member of our club. He is 19 years old and has been turning for about 2 years. He is a student at Weber State University and began his demo tonight by sharing some basic principles he has been studying in his college Botany classes. He talked about the growth and structure of wood, including the reasons for the difference between the densities of different woods. He talked about the orientation of the wood fibers, and how a given cut will take place based on different woods, tools and grinds. He emphasized the need to understand what is happening so we can use the right tool, the correct cut in the correct place.

Mike chose to do a Purple Heart square edge bowl as his turning demo. He gave credit to Stewart Batty for the negative rake scraping techniques he demonstrated. To get good sides on the square edge piece, Mike uses a jointer to straighten one side of his blank, and then used a good miter gauge on the table saw so he has good flat true edges. He makes sure that the edges are prepared just how he wants them before mounting. He mounted the blank on the screw chuck using a 3/8" hole and brought up the tail stock using just a cup center with no point to avoid making an indentation he would have to remove later. He formed his spigot for his scroll chuck, and then tried several tools to decide which tool to use. He decided that on this wood, a traditional grind bowl gouge was the best choice. Once the spigot was done, he turned the piece around, and mounted it in his chuck. He dove in to remove the inside with his bowl gouge. He then moved to a scraper to true up the face. He made very fine cuts with the Scraper, and then went back to a bowl gouge to form the shape. Mike told us that it is his opinion that when doing a square edge bowl, it is the outside flat edge where a pleasing transition will either take shape or not and he concentrates on that first. Mike cautioned us to be very careful to avoid the tendency to touch the outside square edge while it is turning or it will be very painful. He suggested that you not try it, but if you do, he bets you will only do it one time! Mike hates to sand, so he uses a very sharp tool especially on his final cut! Once he is happy with the inside, he moved on to the outside. He made the initial shaping arts with a gouge, and moved to a scraper. Once he is happy with the shape, and achieves the best cut he can get, he starts sanding. He begins the sanding process with the lathe off supporting the back of each corner with his fingers, using standard power sanding technique, starting with 150 grit. He goes through 240, 320, and 400. When he is happy with the corners he starts the lathe and he moves to the inside, again going through the grits. He then turns the bowl around again on a wood friction block inside the bowl mounted in his chuck. Mike cautioned us again to be careful of the now sharp edges or you might cut yourself! He finishes the back side with light cuts and then sands. His finish of choice is a home made oil finish made by mixing walnut oil with mineral spirits and urethane oil. He soaks the finished piece and then wipes off the excess and polishes with wax.

Thanks for a great job Mike!

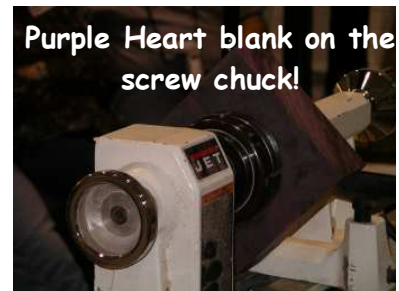
A great crowd gathered
at Ben Lomond High



Dave getting the meeting
underway



Purple Heart blank on the
screw chuck!



Forming the tenon

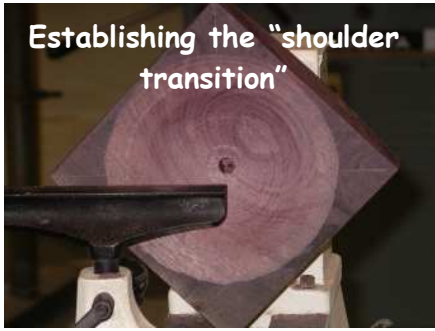


Shaping the back, or
bottom of the bowl



Blank is reversed now
opening the bowl

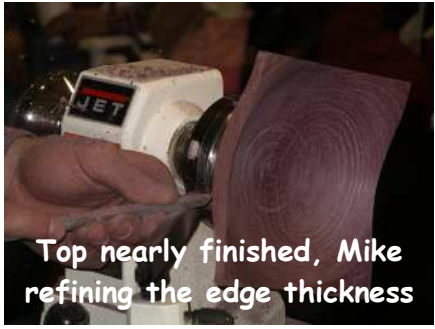




Establishing the "shoulder transition"



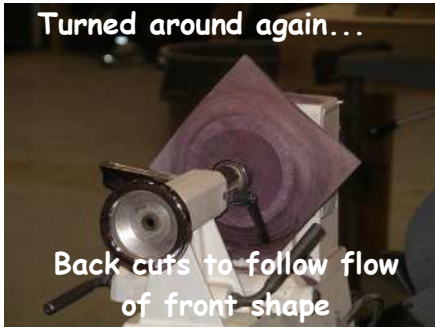
Hollowing...



Top nearly finished, Mike refining the edge thickness



Corner sanding done with lathe stopped



Turned around again...

Back cuts to follow flow of front-shape



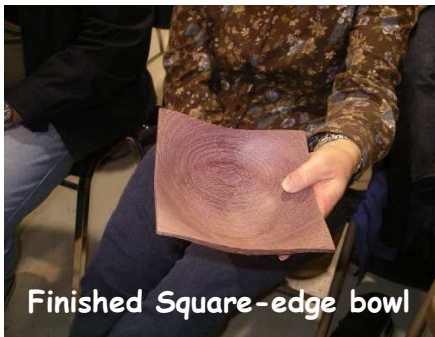
Final cuts on the base



Sanding the corners of the back with lathe stopped



Finish sanding the base



Finished Square-edge bowl



A small sample of some of Mike's square-edge work

Utah Woodchips

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

utahwoodturners.org

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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 1st of each year:

\$25.00 full year

\$20.00 three quarters

\$15.00 half year

\$10.00 last quarter

Spouse \$10.00

Training Meeting
3rd 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

Feb (for Mar. meeting)

Large salad bowl

Mar (for Apr. meeting)

Bird house

Apr (for May meeting)

Threaded box

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.

