



Northern Rockies Woodworking Guild

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NRWG.org

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Officers

President

Jurgen Weiel

Vice President

Jarred McDaniel

Treasurer

Boyd Carson

Secretary

Dean Center

Next Meeting

Tuesday, April 10

7 pm

Bozeman High
Wood Shop

Topic

Fixing Wood to the
Lathe (face
orientation)

Minutes of the last Meeting

The meeting was called to order by President Jurgen Weiel. Gary Guest and Glen Baker were guests for the evening.

Treasurer's Report

Boyd advised that we have \$1760 in the bank and about 35 paid members this year.

The April demo topic has changed and will be "Options for fixing wood to the lathe," with a focus on face grain/cross grain/bowl blank mounting. This demo will feature stations at which different parts of the topic will be featured, so everyone will be able to get up close and see the techniques being shown.

Dean asked any member who does not have a name tag, or whose name tag needs to be replaced, to contact him at Secretary@NRWG.org.

We had a very well supplied show and tell, and once again, I didn't win the raffle.

Dean Center
Secretary



Announcements

Utah Woodturning Symposium, Provo/Orem, UT. May 10-12. This is our 'local' regional symposium and as always features an excellent roster of regional, national and international demonstrators, Hands-On sessions, student workshops, an Instant Gallery, and an auction. It's lots of fun, as well as very educational. Highly recommended. (utahwoodturning.com)

AAW International Symposium, Portland, OR. June 14-17. This is the biggie and nearly in our own backyard. (OK, but you can almost see the backyard from the top of Homestake) (woodturner.org)

J. Paul Fennel will be presenting at a workshop at the Chinook Woodturning Guild in Lethbridge, Alberta in May. There will be a one day demo May 19 and a one day hands-on the next day. (chinookwoodturning.org)



More Show N Tell



DEMO: Bowl From a Board

by Jim Palakovich

Jim gave a remarkable demonstration on how to turn a section of board into a bowl. He cut 2 circles with 45 degree edges out of the board, then stacked and glued the two cut-outs underneath the main piece, to make a 3 layer blank, tapering just like a half log. He then mounted the blank and turned a square edged 'Saturn' bowl.

To help us understand how to orient the grain in the layers, he prepared a 'board' with half maple and half walnut, producing a clear and dramatic illustration. This is probably the segmented bowl with the fewest pieces ever. I apologize for the poor description of his process--you had to be there and see it for yourself.

Since there is very little material at the junction of the layers, great care and thin cuts are required in turning the bowl. As a result, this is probably not an ideal project for new turners.



Missing Digits

by Jim Rendle

In July 2018 I cut the index finger off my right hand, and at the club's January 2018 meeting, I gave a short talk about my accident and the steps I'm taking to avoid a repeat. Since then quite a few members have approached me with their own horror stories, about how they too lost body parts while woodworking.

I have been asked to write a short article each month about safety in general, and the particular steps I am taking as a novice wood worker to improve processes in my workshop. As an Industrial Engineer for more than 40 years with experience in workplace design, ergonomics, and safety, I hope to perhaps to bring some ideas / perspectives that prevent one of you suffering my fate.

So, for those of you who heard my presentation in January, please bear with me while I recap for the 70 - other people on the mailing list.

The Accident

I was really enjoying my beautiful new Shop Fox band saw. I even advised my wife that if she ever needed to saw something, then she should use the band saw, as I felt it was the safest tool in the workshop. Little did I know! A week later I was cutting a bowl blank. The blade on the bandsaw was very blunt and I was pushing really hard. I looked up for a moment to talk to a friend and suddenly the blade came flying through the rest of the blank and cut my finger off.

There were two key contributing factors to the accident:

1. I was distracted and looked away from the job in hand, and
2. I was using too fine a blade for cutting wet wood.

I had learned the gospel of wood turning at the club meetings. "ABC" - "Anchor", "Bevel", and "Cut", and it struck me that I should have an ABC for safety if I was ever going to get the courage to return to the "bloody" band saw:-

"A" = Attention, "B" = Basics, "small c" = consequence, and BIG "C" = Continuous improvement.

"Attention" - Pay attention and avoid distraction while working a machine. I no longer work on a machine while helping someone else in the same workshop. I stop what I am doing and concentrate on helping them. I no longer look up when someone walks into the workshop, or when my wife asks a question, or brings in coffee. I stop the machine or finish the operation first.

"Basics" – Attend to the needs of the machine for the job in hand. I took off the OEM blade which came with the band saw, which had 8 teeth per inch, and was totally blunt. I hung it on the wall as a permanent reminder and trophy. I bought two new quality blades, one for flat work 6 TPI, and one for cutting turning blanks in wet wood, 3 TPI. I am now proficient at changing them and adjusting the guides, although I do try to batch jobs to reduce the number of changes.

"consequences" – my finger was re-attached and is doing as well as can be expected. Accidents hurt, and often result in loss of function and even disability. and they can be very costly.

“Continuous improvement” – As a result of this accident, I have made many changes in my workshop to reduce risk. Some of these will be outlined in future chapters but for the band saw I have made a circle jig, a flat work sled, a cross cut log sled, and a number of pusher tools. This has given me the confidence to get back into the saddle, so as to speak, and use the bandsaw with less trepidation.

The next Article will be shorter, I promise.

Take care of your digits

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