



Newsletter

December 2012

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Upcoming Events

<MARCH 6TH>

General Meeting 7:00
pm.

Demo: <PEN TURNING>

<MARCH 9TH>

Coffee and Chips 8-noon
March 22nd - all day
workshop
Alan Carter - all day
demonstration
March 23rd

Dues Reminder

Dues are due! Please remit your dues of \$25.00 to the club treasurer,
Brian George if you haven't already.



Illustration 1: Rick Bauer makes an offer we can't refuse.

President's Corner

It was great to see so many people at the Saturday Coffee and Chips. I saw a few new members there too. Bob Eberhardt did a great job demonstrating the principles of bowl turning using a bowl gouge. It is important to watch the grain direction when using the bowl gouge. He also showed how to properly use a bowl scraper on the inside and outside of a bowl. After we finished Richard Golde began his beginner's class with three members who are progressing nicely.

Alan Carter Demonstration

We are getting the clubhouse ready for next month's demo with Alan Carter. The workshop sessions are sold out, but there is still room for the Saturday all-day demo. Alan will show how to make suspended vessels in his style. Most people are familiar with John Timmers' suspended vessels, so it will be good to see the process Alan uses to make his vessels. Alan shows how to make a suspended vessel, including the steps required to insure that the holes drilled in both the vessel and the supports are centered and square so the completed piece will stand correctly and everything lines up properly. Using a Powerpoint presentation, he describes the steps involved in establishing the correct placement and alignment of holes for support pins in other, more complex pieces. He also describes how to build a drilling fixture for the lathe to simplify the process. Students will learn how to "think outside the circle" to look at things more creatively.

Alan will also show how to make the split bowl vessels that have made him famous. Alan shows how to turn a shallow bowl that is then cut in half (or even quarters) and reassembled to make a new form. He shows the process used to accurately and safely cut the bowl in half to make the new vessel. He also shows how the tops are made for the vessels and how the vessels can be further enhanced with various texturing techniques. He discusses different methods of making bases for the vessels and top finial options.

This demonstration will be from 9:00 am - 3:30pm. Lunch will be the responsibility of the attendees.

Refreshments will be available. The cost is \$25 per person.

Feed My People

The club is in high gear making and collecting bowls for Feed My People's Empty Bowls event. I counted over 50 bowls at the clubhouse on Saturday. If you have bowls to donate contact myself at 834-1459 or Richard Golde at 839-8880. In Menomionie, call Dennis Ciesielski (233-0236) and he will collect your bowls.

President's update:

Show and Tell



Illustration 2: Dick - Pine Limb Bowl



Illustration 3: Dick - Spalted Maple Vase



Illustration 4: Dick - Spalted Maple Bowls



Illustration 5: Dick - Spalted Maple Bowls



Illustration 6: Dick - Butternut Bowl



Illustration 7: Orville Bierman - Candle Holder



Illustration 8: Orville Bierman - Christmas Ornament



Illustration 9: John Layde - Open Segmented Vessel



Illustration 10: Fred Steffens - Fishing Lures



Illustration 11: Laverne Schulz - Vase



Illustration 12: Jeff Fagan - Ornament



Illustration 13: Jeff Fagan - Ornament



Illustration 14: Jeff Fagan - Pen



Illustration 15: Jeff Fagan - Vessel



Illustration 16: Jeff Fagan - Vase (artfully awry)



Illustration 17: Vase with Contrasting Band



Illustration 18: Cup and Ball Toy



Illustration 19: Bowl - I really like the defects in the wood



Illustration 20: Shallow Bowl

Monthly Demo



Bob Eberhardt presented this month's demo on tool sharpening. First and foremost, ensure that the wheel you are mounting is structurally sound, on an unmounted wheel tap the wheel with a non-metallic object such as the handle of a tool in each quadrant. A pinging sound should be the result. If only a dull thud is produced then there is likely a crack in the wheel. Discard it. There is a paper blotter on either side of the grinding wheel. These need to be kept intact to avoid metal on metal. Metal on metal creates vibrations which can lead to the wheel cracking. Always wear safety glasses.

Grinding wheels can be made from several materials. The traditional grey wheel glazes over quickly, the abrasive surface wears to the texture of river rock. It can work alright for soft steel but not on high speed or powdered steel. When the wheel loses its abrasive abilities the tendency is to push harder which generates more

heat. Too much heat can crack a wheel. Don't grind aluminum because the resulting powder can clog the wheel, also producing too much heat and causing cracks. Most grinding wheels are made of aluminum oxide, the difference is in the binding material. A strong binder, like in the grey wheel, doesn't allow the wheel to release the grit before it wears down. The strength of the binder is represented by a letter from E through Z. E is very soft while Z is very hard. Counter-intuitively for hard materials a softer binder is used. A white wheel is friable, meaning that the grit fractures. This is good for high speed or other hard steels because the fractures present a new grinding surface so less dressing is required. The middle of the range, I or J, is good for high speed steels. Aluminum oxide is not hard enough to sharpen powdered steel tools, a diamond wheel is recommended. Other materials are ceramics.

Wheels also come in a variety of grits, 60-80 is good for general purpose sharpening of a wood turner's tool. Bob for the most part uses an 80 grit ceramic wheel.

Grinding can be done wet or dry. Dry removes material quickly but produces a lot of heat. This isn't a problem for high speed steels but if carbon steel turns blue its temper is lost. Wet grinding is much slower, doesn't produce as much heat and also yields a keener edge. Carbon steel produces a large quantity of sparks while high speed steel produces less in comparison.

A typical speed for a grinder is 3600 rpm.

A good sharpening jig is a good idea for sharpening your tools. A couple of models are the One Way Wolverine sharpening jig and vari-grind attachment or the Penn State Industries 4 piece precision sharpening system.



Here Bob is sharpening a roughing gauge using a standard grinding platform. First, with the grinder off, he sets the platform so that the wheel meets the tool with at the desired bevel angle. The 'V' pocket jig could be used for the same purpose. For tools with a side grind, such as bowl or spindle gouges a vari-grind or fingernail jig is helpful. When grinding tools with a side grind first the side grind is set, then the pocket jig slid out to make the bevel angle. An iteration or two here should be sufficient to get good results. In order to avoid removing too much



material from the bevel the side grinds should be completed first, then in a single pass, sharpen the bevel. To maximize the life of the tool (or minimize the amount of metal being ground away) it's important to always have the same amount of tool sticking out from the vari-grind, such as 2". Read your tools documentation to find their recommendation. A good practice is to drill a 5/8" hole in a piece of wood to the proper depth and use that to set the tool in the vari-grind.

For most purposes the grind produced by a grinder is good enough, for very fine finial or other detail work honing, or refining the edge can be beneficial. Bob fine tunes with a Tormex grinder but a honing wheel with proper compound can make a very keen edge. Remember that when the honing wheel has to spin away from the edge or the honing wheel will just be shredded.

Some rough estimates for bevels for various tools are 45 degrees for a spindle gouge, 60 to 65 degrees for a bowl gouge. On a scraper the burr does the cutting.

Board of Directors Meeting Minutes

Chippewa Valley Woodturner's Guild
Board of Directors Meeting Minutes

[<JANUARY 6TH, 2013>](#)

Treasurer's Report (with Rich Thelen filling in for Brian George)

- \$5746.00 in checking account.

Richard Golde reported on the beginning woodturner training classes:

- 4 beginning students
- \$15.00 fee for handouts, he will talk to Bob Eberhardt to see what handouts he uses, the ones Richard has are the instructors training materials.
- Tom Schye asked about finding wood donors for classes.

John Layde (Program Director)

- John Timmers will be our March demonstrator (now Fran Passe demonstrating pens)
- Demos for coffee and chips?

Rich Thelen (President)

- March Alan carter - day long workshop - 100 dollars
 - What tools etc needed?
 - Community cable does video
- WWE Presenter vote breakdown
 - Mike Jackofski: 19 votes
 - Kurt Theobold: 18 votes
 - Alan Carter: 13 votes
- Feed my people.
 - Richard Golde inquired on how many bowls - Match university ~ 200?
 - Heather Pearson, a liaison from Feed my People will visit us tonight
- AAW insurance
 - \$425 for a chapter under their coverage
 - covers AAW and non-AAW members
 - Possible second choice insurer \$100 to \$150. Only AAW members are covered
- WWE
 - Curt \$700/day plus expenses
 - Mike \$650/day plus expenses

Tom Schye (Tool Master)

- Expenses for a drill for sanding (\$38) and a light for the lathes (\$14)
 - Both approved by vote

Richard Golde is looking for input on possible demos

- Tom would like a demo on chainsaw safety and maintenance

This report was recorded by John De Ryckere (Secretary) and is presented as a record of the board of directors' meeting of January 6, 2013.

General Meeting Minutes

Chippewa Valley Woodturner's Guild
General Meeting Minutes

<JANUARY 6TH, 2013>

Meeting called to order by Rich Thelen

- Dues are due, \$25.00 yearly
- Tonight's demonstration is by Bob Eberhardt
 - Tool sharpening
- Introduction of our guest, Heather Pearson from Feed my People
 - (715)864-2644, personh@uwec.edu
 - previously she was a board member, now she is a volunteer
 - she has been involved with the organization for 7 years
 - Collects 6 million pounds of food and distributes to pantries across 14 counties
 - Their annual fund-raising drive, Empty Bowls
 - \$8.00 for a meal, \$18.00 for a meal and a bowl
 - Hand-crafted bowls made by local artisans
 - potters, wood turners
 - wooden bowls are the most sought after
 - This year it's on March 7th at the Florian Gardens
 - www.fmpfoodbank.org/ for details
 - \$42,000 raised last year
 - 1000 bowl goal
 - Some bowls will be selected for the silent auction fund-raiser
 - A better job of highlighting the contributions of wood turners will occur on the web site
 - Bowls will be collected by Rich Thelen, Richard Golde and Dennis Cieselski (Menomonie)
- Bob Eberhardt did his demonstration on sharpening
- Rick Bauer auctioned off wood
- Dennis Cielsielski has organized the guilds library

This report was recorded by John De Ryckere (Secretary) and is presented as a record of the general meeting of January 6, 2013.

Classified Ads

Tom Frank has a Sears Craftsman 1 ½ HP 10" table saw for sale. It comes with an extra fence. The motor was replaced several years ago and has less than 2 hours use on it.

Tom can even deliver, \$100.00

(715)579-7111

Bruce Lindholm has a Craftsman 10" Miter Saw with a 2 HP motor for \$100.00. He also has a Delta 12" Lathe, model 46-700. It's overall length is 54". The price is \$100.00.

(715)836-7375

Alan Carter will be at our club house on March 23rd for an all day demo. The demo starts at 9:00 am and ends at 3:30 pm. The cost to attend this demonstration is \$25.00. No reservations required. Bring your own lunch.

Coffee and Chips



Illustration 21: A bustle of activity at the Coffee and Chips



Illustration 22: Fred Steffens sharpens his scraper

Board Members

Rich Thelen - President

Brian George - Treasurer

Tool Director - Tom Schye

Secretary - John De Ryckere

Librarian - Dennis Cielsielski

Keith Jones - Vice President

Richard Golde - Education Director

John Layde - Program Director

Jim Gobel - Webmaster

CVWG Mentors

<u>Name</u>		<u>Willing to help with:</u>		<u>Name</u>		<u>Willing to help with:</u>	
	Richard Golde doc54701@yahoo.com 715-839-8880	Basic turning, Bowls	Richard also offers his shop to those who don't have a lathe yet.		Brian George captainbg@gmail.com 715-834-8749	Basic turning Natural Edge Bowls Peppermills	
	Rick Bauer pbrook@nelson-tel.net 715-672-5407	Hollow forms Bowls			Barry Grill bgrill@hotmail.com 715-568-4586	All aspects of turning Basic Hollow forms Bowls	
	Bob Eberhardt ple13@charter.net 715-835-7300	Basic turning Bowls Sharpening			Fran Passe franpasse@yahoo.com 715-672-5762	Pens	
	Bruce Scherlin bscherlin@centurytel.net 715-878-9490	Pens			Ron Bartz rbartz@charter.net 715-723-6343	Stacked ring bowls Basic bowl turning Spindle turning	
<p>A guild mentor is a member willing to share their turning knowledge with other members of the guild Feel free to call a mentor for your turning questions or for one on one help with your turning.</p>							