

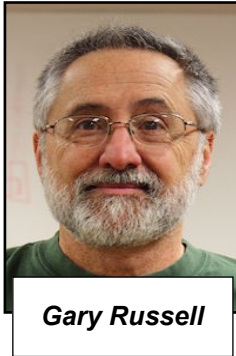


Finger Lakes Woodturners

A Chapter of The American Association of Woodturners



Presidential Mumbblings—May 2016



Gary Russell

This month's meeting will be the last meeting of the year for us. Hope everyone had a good year. I know I did despite my anxiety about becoming Club President. Help from the other Club officers made this transition easy. People, holding an office is not all that hard. So, when it comes time for a new officer, think about volunteering.

Last month Jamie Donaldson, our spring national turner, did an outstanding job conducting the demos and workshop. That means that this month's challenge project will be a winged bowl, and I know you all can make one now. I can't wait to see them. And this month Albert Filo will be showing us how to do spirals on a bowl. I think that this will be very interesting and informative. Albert always does an excellent job.

The Byron-Bergen school aid project has wound down now. Once more, the program was a huge success especially after receiving the AAW grant for new equipment. The kids and mentors enjoyed themselves immensely. Hopefully some of the students will continue on with some turning. Thanks to all the mentors for their contributions and time.

According to Lee Spencer our United Way donations were well received, and the auction went very well. He did not have a total of money received from the donations, hopefully he will have that by our meeting.

Thank you everyone for your participation. I'm looking forward to next year's event and hope that it will be even better.

There has been some interest shown for developing an outreach focus group. We should be able to get this started by the first part of next season. We could have a positive direction for an outreach program for charity work, community education programs and Club showcases/exhibits soon thereafter. Hopefully this will also help foster new memberships. We need about two more people to step up and help with this; so if you can help, please let me know.

This summer when its raining or you're not doing anything, remember to do some tops. We are going to try better this years numbers. The kids will love them, and it will keep you in top notch form.

See you at the meeting and if not, have a great summer.

FLWT meetings are held from 6:45 to 9:00 PM (pre-meeting Show and Share starts at 6:00 PM) on the 3rd Thursday of the month each month. Our meetings are held at the Isaac Heating and Air Conditioning University classroom, 50 Hollender Parkway, Rochester, NY 14615 . For more information, go to <http://fingerlakeswoodturners.com/>.

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Jamie Donaldson Friday Night Demo By Bruce Imprey



In April, FLWT hosted demonstrator Jamie Donaldson from Kentucky. Jamie's specialty is winged bowls. That is in general bowls turned incorporating the original corners of the square blank. Jamie is a frugal Scotsman and doesn't like wasting money, so he finds a use for these corners. He can't tell you how he came to start this technique, but like me he got his start turning in shop class and later came back to it when he happened to acquire an old Craftsman lathe much later.

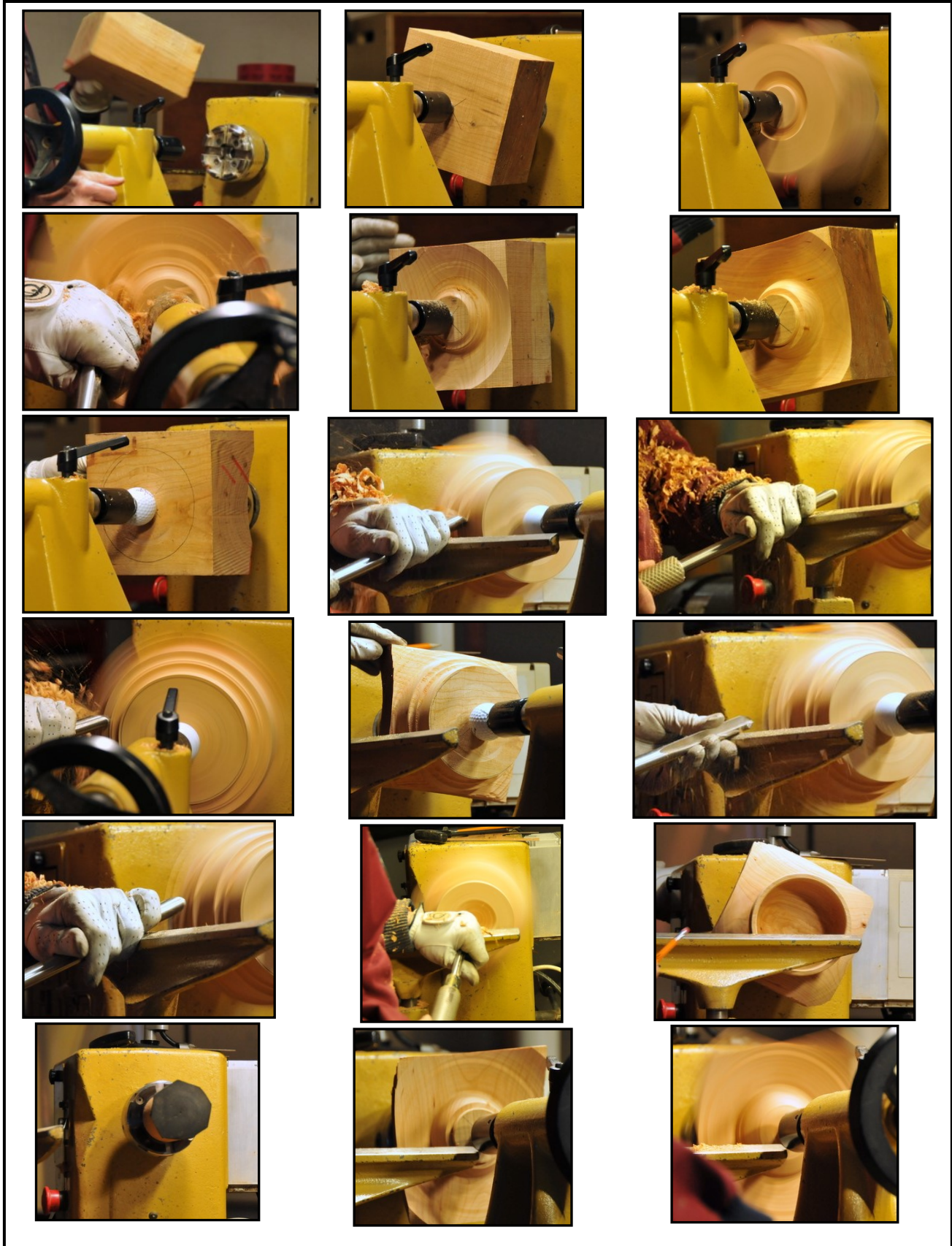
There are basically three steps to the winged bowl. Step 1 is to rough out the underside with a tenon and the general shape of the bottom of the bowl. Initially the blank is held against a chuck by the tailstock fitted with a golf ball. A live center like the Oneway is easier to do this with. Open the jaws of the chuck to the OD of the chuck to get more friction. Don't make a knuckle buster by going out past the OD. The tenon to be cut is for a compression grip by the chuck. Compression is preferred as it is safer. The tenon doesn't have to be shaped like a dovetail, straight works. Make it with a parting tool. The swept back bowl gouge is Jamie's weapon of choice, ground at 60°. Jamie does a lot of things "bout-right" but the angle on the gouge is 60°, not 58° nor 62°. Doug Thompson sells unhandled lathe tools with superior steel <http://thompsonlathetools.com/>. The rings of the wood are best shown if the pith direction is toward the bottom of the bowl, and centered if possible.

You know O'toole's Law, right? O'toole is the one that thought Murphy was an optimist. Murphy's Law is "If it can go wrong it will." O'toole's Law is "It's already gone wrong. You just don't know it yet." There are "easy cuts" and "hard cuts". The hard cut is into end grain and that will beat you up. A Robust tool rest is preferred, with hardened drill rod for the working surface. A 1/2" and 5/8" gouge is a working pair, two of the five essential tools. A detail gouge with 30° grind is used to cut a sharp shoulder. The Detail Gouge has more mass under the cutting edge than a spindle gouge. The Hunter #5 is a secret weapon and it is not a scraper. Present it at 45° to cut. Lacquer (gloss) cut with 10% Acetone is used as a sanding sealer in tear out areas. There just isn't any lacquer like Deft. A couple of coats will do for a nice finish. Just wipe off the excess each coat. With this finish the wood still looks and feels like wood, not plastic. Do good tool work and start sanding with a higher grit. Sandpaper is not a cutting tool.

Step 2 is hollowing the inside of the bowl and sanding. A bead of CA glue along the edge helps prevent chipping. Jamie uses a 2" mandrel on an angle drill for sanding. vineswoodnwonders.com Go through the grits; 100 (if you must) 220, 320, 400. The mid grits are unnecessary. A "portable compressor" made from a length of tubing with a turned mouthpiece helps clear the dust from the bowl without blowing it all over the shop. 3M Trizact automotive pads, Newwax car polish, Renaissance Conservators wax. It's wonderful when a customer picks up your bowl and claims that it is "as smooth as a baby's butt". Get the underside of the wings as smooth as you can before reversing. In Step 3 use a jam chuck to finish the bottom of the bowl and turn away most of the tenon. Jamie showed us how to customize a Philips head screwdriver for cutting down the tenon. The last nub can be removed off the lathe with a fishtail chisel. Cleanup this area on the drill press with a sanding drum. Remove any evidence of how the bowl was attached to the lathe. Don't leave the edges of the wings at the original angle from the blank, shape them square to the wing surface. Otherwise the wings appear thicker than they are. Aniline dyes are not colorfast as we once thought. Transtint is (Woodcraft or Rockler). Jamie uses diluted black Transtint on highly figured wood, usually maple. Put a finial on it and double the price!

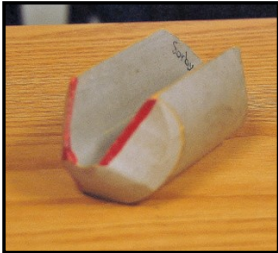
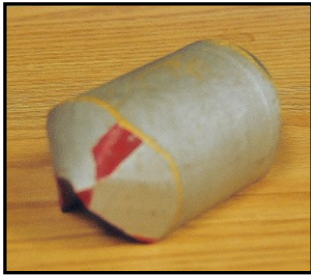
The side ground bowl gouge was popularized by David Ellsworth, who got the idea from Liam O'Neal. Use a jig like the Oneway Wolverine to sharpen it. Drill an indexing hole in the pocket of the jig with a 3/8 bit so that the jig does not wander around. Accurate repeatability is the goal in sharpening. In the workshop I got to use a CBN wheel for the first time, and Jamie showed me how to refine the shape. I brought a 3/8 gouge to the workshop, to which I was told my tool was too small for the job. Hey, I thought we were doing miniatures.

Jamie Donaldson Friday Night Demo
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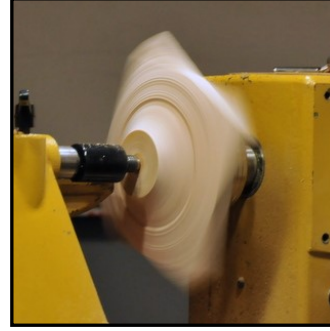
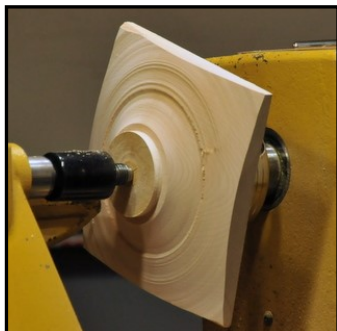
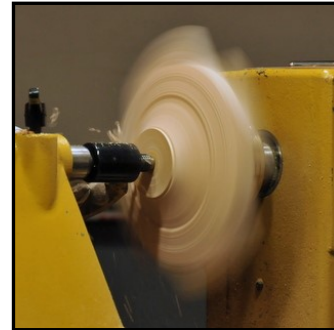
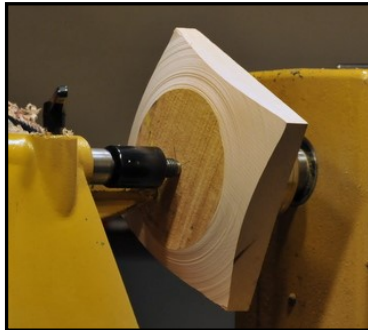
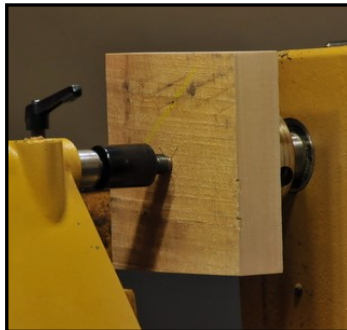


Jamie Donaldson Saturday Demo

Grinding Points and Modified Screwdriver Bottom Tool



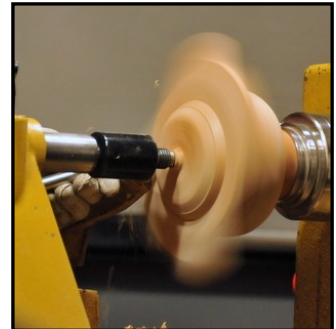
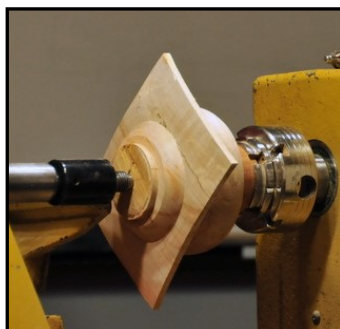
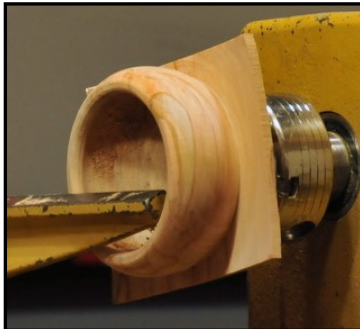
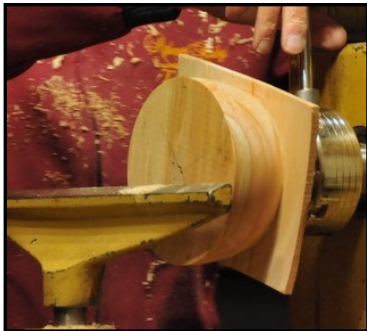
Winged Bowl #1 Demo



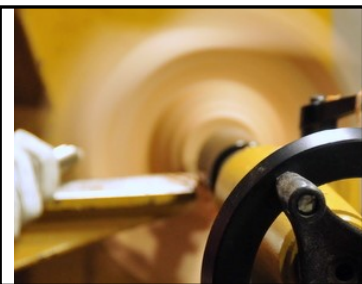
Jamie Donaldson Saturday Demo
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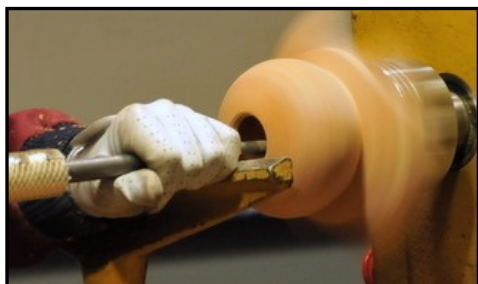
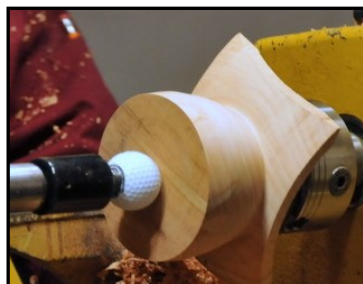
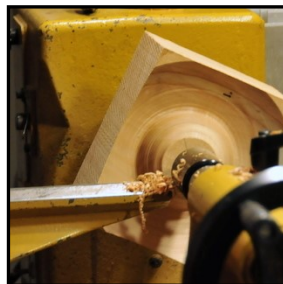
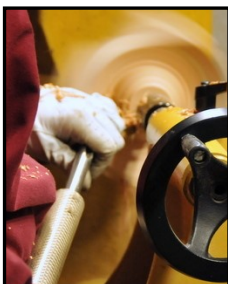
Winged Bowl #2 Demo



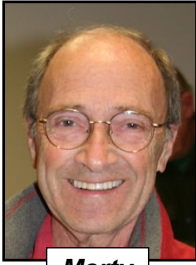
Jamie Donaldson Saturday Demo
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Winged Bowl #3 Demo



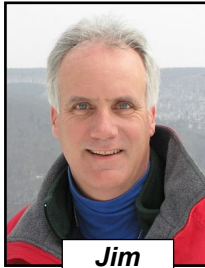
Members Show and Share



**Marty
Chatt**



**David
Gould**



**Jim
Echter**



**Gary
Russell**



**Denis
Caysinger**



**Barry
Rosenberg**



**Harry
Stanton**



Members Show and Share (con't)



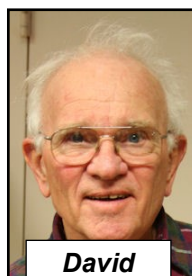
**Terry
Lund**



**Harry
Beaver**



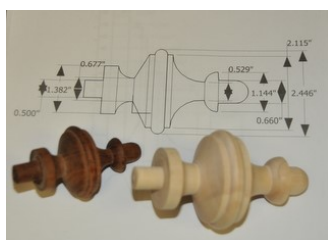
**Bruce
Impey**



**David
Schwardt**



**Dave
Gilbert**



Visit to OneWay Manufacturing, April 11, 2016 By Gregg Miller

Stratford, Ontario, Canada is a relatively small town that is home to the renowned Shakespeare Theatre Festival every year. It is also the home of OneWay Manufacturing. On our way home from a recent visit with our son and daughter-in-law who reside in Utica, Michigan, we were able to take a tour of OneWay's facility. If our travels take us close to the location of major woodworking manufacturers whose tools I use, my wife is very tolerant of my little "side trips" to take tours that may be available to us. Having called ahead to arrange this tour, Cindy Clay was our guide. I asked her how long it took for her to learn the manufacturing process, and discovered that she is one of the owner's three children. Consequently, she learned from a very early age, what the business was all about. By the way, OneWay is still a family-owned operation with Cindy's father still very active in the daily operation of the business, and their employee base is 60. My knowledge of machine shops is limited, having only toured Lie-Nielsen in Warren, Maine. (Of course, I'm not counting furniture manufacturing tours like Stickley, Audi, and Company.) Therefore, I was amazed and very impressed by OneWay's shop layout, organization, most of all – how clean the shop actually was. They not only make their lathes, and accessories, but they're also a "job shop" for other outside clients. Cindy wove our way through rows of machinery – precision metal lathes, along with spot-welding and robotic welding stations. We were shown raw materials to finished products at numerous locations. Lathe components including the ways, banjos, legs, bed extensions were easily identifiable. Chuck bodies that had completed the precision machining were ready for nickel plating. We even saw jaw sets that were machined, but hadn't yet been cut from their blanks for use on the different chucks that they were matched to. OneWay does their own powder coating as well. You have to remember that OneWay is also a custom shop. Their lathes are made to customer specifications based on the submitted order forms. So, bed length, leg height, motor power requirements, etc., are all incorporated into the finished product. Likewise, the accessories are produced with the same standards, as evidenced by their ISO-9000 rating.



EVENTS AND MENTOR CONTACTS

Local and National Woodturning Events of Interest

Year/Date	Event	For More Information
June 9-12 2016	AAW Symposium—Atlanta, Ga	www.woodturner.org/

Mentor Contacts¹

Name	Phone	Email	Turning Skills / Specialty
Mike Brawley	755-2714	mbrawley@rochester.rr.com	Design Principles, Spindles; Bowls and Platters; Sharpening
Ward Donahue	334-3178	wddonah@frontiernet.net	Spindles; Hollowing; Coring; Sharpening
Jim Echter	377-9389	jechter@rochester.rr.com	Spindles; Sharpening; Faceplate turning
Jim Hotaling	223-4877	jhotal2198@aol.com	Christmas Ornaments
Ed Lehman	637-3525	eljw@rochester.rr.com	General Turning
Terry Lund	455-2517	terry.lund@gmail.com	General Turning; Dust Collection Design and Installation
Ralph Mosher	359-0986	2mosher@rochester.rr.com	Bowls; Faceplate Turning, Sharpening
Erwin A. Tschanz	271-5263	TschanzLandscape@aol.com	Historical; Bowls; Plates; Goblets; Boxes; Bone; Antler
David Gould	245-1212	d2sGould@aol.com	Bowls; Plates; Hollow-Forms
Terry Lund	455-2517	terry.lund@gmail.com	General turning
Gary Russell	353-3148	cngrussell@gmail.com	General turning, bowls, ornaments, finials

1. Here's a great way for you to improve your turning skills. FLWT has award winning and expert turners who, at no cost, are willing to share their expertise one-to-one with other club members. A mentoring relationship might be as simple as getting a mentor's advice in a one time conversation. Or, it

might include regular hands-on sessions over a lathe. The exact nature is up to you and your mentor. If you feel you could benefit from mentoring, organize your thoughts about your needs and contact an appropriate volunteer mentor above to determine if he or she is a match and available. ♦

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