



Finger Lakes Woodturners

A Chapter of The American Association of Woodturners



From The Chair – February 2012



Mark Mazzo
FLWT President

Sometimes you just have to take a step out of your comfort zone...in your woodturning efforts, I mean.

Sometimes we get stuck in a rut and our skills stagnate. When we go into our shops and turn, we do things the same way and we create the same

projects – and for many of us, our spouses may cringe at the site of yet another salad bowl! However, all it takes is a small effort to try something new and the doors to skill improvement and new creations are blown wide open.

This month is a perfect example and an opportunity to learn and try something that I'm sure many (including myself) have not tried before. This month we have FLWT Vice President, Bruce Trojan demonstrating the turning of an offset platter. This will be an interesting process to see and learn and it will create a project that is definitely a step beyond the ordinary! Platters can be useful and decorative and they offer the opportunity to even do some embellishment, if you are so inclined. Bruce will be turning the bowl portion of the platter in an offset orientation so we will all have the chance to see what special considerations have to be given to that situation – a unique balancing act, to be sure. I am looking for-

ward to seeing how this is all done. I'd invite you all to watch, ask questions,

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 each month. Our meetings are held at the Isaac Heating and Air Conditioning University classroom, 180 Charlotte St, Rochester, 14607. For more information, go to <http://fingerlakeswoodturners.org/>.

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ward to seeing how this is all done. I'd invite you all to watch, ask questions,

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From the Chair

by Mark Mazzo

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learn the process and then try these new techniques for yourselves. You never know what you can do until you try – more importantly, you never know what you will learn until you try something new! If you embrace this challenge, I'm sure we'll have a great selection of examples of this project to view at our next meeting.

On another subject, as I write this, it has been a full year since I stepped into the FLWT Presidents role. Together with the new Board of Directors, we have worked to bring the membership a great selection of demonstrations and workshops including two outside national speakers. We applied for and won an AAW grant and purchased new library materials and two new mini-lathes, we created an entry and won a division of the AAW chapter Collaborative contest, we have a new web site and we are closing in on submitting our application to become a certified 501 (c)3 charitable organization. I hope that you are happy with the things that we've been doing with the club and I invite you

to share your comments, critiques, and suggestions with me or anyone on the Board of Directors. We'll do our best to address your concerns and/or incorporate your ideas into the clubs operations.

Just a reminder, we have extended the collection of gifts for CP Rochester and Isaac Heating & Air-conditioning. It is really important for us to give back to these two generous organizations. I am sure that you all appreciate the great meeting and workshop locations that they provide to us, free of charge. Now, it's our turn to say thank you. Make a pen, bottle stopper, ornament, or small bowl, etc. as a token of your appreciation to them for what they offer to us. It is really important for us to make a good showing here! Please bring your gifts to the February meeting and we will make arrangements to deliver them to both CP Rochester and Isaac Heating & Air-conditioning.

Until then, keep turning and keep learning!

--Mark ♦

The February Challenge Project

By Ralph Mosher

Photos by Ralph Mosher

The "Challenge Project" for February is to turn a hand held mirror. Mike Hachey gave an excellent step by step demonstration on how to complete this project. In addition, the following two articles give a tutorial of Mike's procedure with photographs of each step along the way. So, armed with the "how to" of this project, incorporate your own ideas and creativity and give it a go!

Here is a photo of one of Mike's finished hand held 5 inch mirrors.



Turning a 5 Inch Hand Held Mirror...Mike Hachey *By Mike Hachey*

Photos by Ralph Mosher

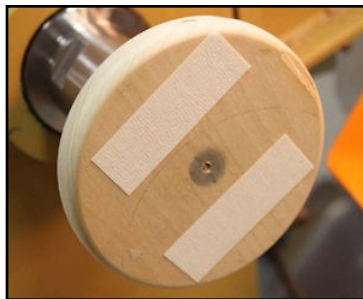


Mike Hachey

Mike Hachey was this month speaker on how to make a hand held mirror with a 5 inch beveled glass insert.

Mike states a hand held mirror is not only a great functional and practical gift, it is also easy to make and requires only moderate turning experience.

Leftover scrapes from other non-turning projects are what Mike uses for



Face plate mounted disk (waste block) with double sided tape for holding work piece (Photo by M. Hachey)

these projects. Although a vacuum chuck system could be used, double sided turners tape can be substituted and works great. Use only double-sided tape made for especially for wood turners.

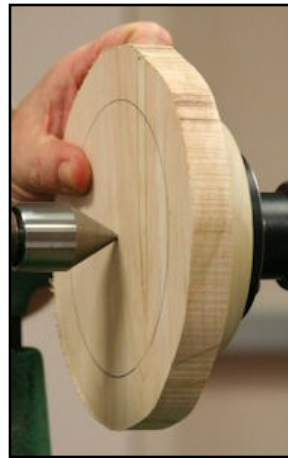
Only three pieces of hardwood are required for this project:

- 1) 1 inch by 5 inch roughly rounded disc (waste block)
- 2) 3/4 inch by 7 inch roughly rounded disc (mirror Base)
- 3) 1.5 X 1.5 X 7 inch piece (mirror handle)

The two discs should be sanded on both sides and rough cut with either a band saw or scroll saw.

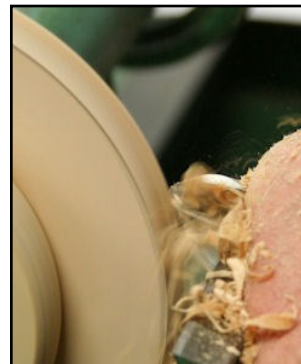
The prep work Mike did prior to the

demonstration was to: 1) attach the 1 x 5 disc onto a face plate (for safety use a minimum of 6 screws), 2) mount the face plate on the lathe and turn the disc down to approximately 4 1/2 inches and 3) attach 2 pieces of double sided turner's tape to the waste block.



Mounting the mirror base on the waste block with the aid of the tail stock to center and support the work

Mike marked the center of the 7 inch disc on the side that will receive the mirror glass. Then using the Tail Stock to help center and support the wood, attach the 7 inch disc to the tape, centering the disc on the waste block.



Truing up the edge of the mirror base

He turned the lathe speed to a medium speed and using a bowl gouge he trued the edge and created a rounded edge disc about 6 1/4 inches wide.

Mike slowed the lathe down and used a 2 1/8 inch Forstner Bit,

(Continued on page 4)

Turning a 5 Inch Hand Held Mirror...Mike Hachey *By Mike Hachey*

Photos by Ralph Mosher

(Continued from page 3)



Drilling with the 2 1/8 inch Forstner Bit

mounted in a Jacob's Chuck, to drill an opening about 3/16 inch deep. He then increased the lathe speed and using a bowl gouge, created a recess opening slightly less than 5 inches wide. He used a Square Nose Scraper to widen the hole to 5

inches and also smooth the bottom of the recess. A skew was used to create a shallow trough for the silicone adhesive squeeze out.



Jig to drill 3/8" hole in the side of the disk to accept the handle

While it is still mounted on the lathe, Mike uses a shop made jig, held in the tool rest, to drill a 3/8 inch hole in the side of the disc to hold the mirror handle.



Increasing the recess opening with a bowl gouge



Handle blank mounted between centers



Turning desired handle shape

The next step is to mount the handle blank between centers and using a roughing gouge and a spindle gouge create the desired shape. Turn a 3/8 inch tenon about 3/4 of an inch long.



Using a square nose scraper to smooth the bottom



Creating a shallow trough for the silicone adhesive



Turning and measuring the handle tenon

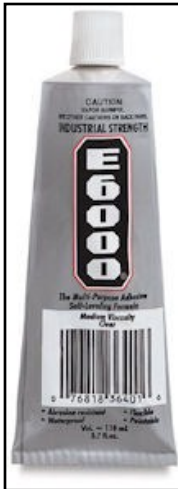


The back of the mirror is decorated off the

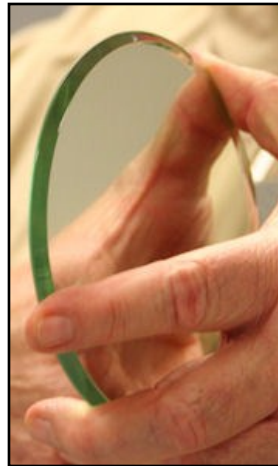
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Turning a 5 Inch Hand Held Mirror...Mike Hachey *By Mike Hachey* *Photos by Ralph Mosher*

(Continued from page 4)



**E6000
Adhesive**



**Mike holding a
Beveled mirror**



The final product

The final step is to add 3 coats of your favorite finish to protect the finished project.

Mike assembles the mirror by gluing the handle into the mirror base using TITEBOND III glue. The beveled glass is attached to the mirror base using silicone adhesive or E6000 adhesive. ♦

lathe. Mike frequently uses birds, butterflies and flowers to enhance the mirror.

Turning a 5 Inch Hand Held Mirror...Mike Hachey

By Robert McFadden
Photos by Ralph Mosher



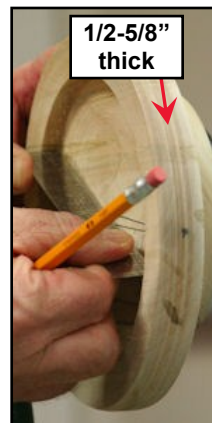
**Mirror holder
Cross grain turning**



**Handle
Spindle turning**

Mike Hachey did a great job of demonstrating the process of making a fine hand mirror. Here is a project for beginner and experienced turner alike. It combines elements of spindle turning and cross grain turning plus room for creative decoration and precision crafting. The tips listed here can make a big difference even though they may not show in the photos.

Mike's project was



**Check recess
for flatness**

built around a 5 inch diameter mirror and a tube of E6000 adhesive available at Woodcraft. Your choice of wood can also make a big difference in the final outcome.

In the process of turning the mirror holder surfaces flat and parallel, it should end up 1/2 to 5/8 inches in thickness.

In making the recess for the mirror it should be absolutely flat and of a depth that leaves the edge slightly proud of the mirror surface. The inside edge of the relief should be undercut slightly to prevent adhesive squeeze out and allow for wood movement. A straight edge of about 4 1/2 inches long cut from

(Continued on page 6)

Turning a 5 Inch Hand Held Mirror...Mike Hachey

*By Robert McFadden
Photos by Ralph Mosher*

(Continued from page 5)

a thin piece of wood can help in determining flatness.



Decorative handle

The handle can be as plain or as fancy as you like. After turning the 1/4 inch tenon, it should be undercut slightly to help the handle flow into the wood of the mirror holder. When fitting the handle, carve away the portion of the tenon that protrudes above the mirror seating recess and glue in place.

You may want to put your favorite finish

on the rim, the back and the handle at this point.



If all has gone well, spread a thin surface of the adhesive in the center 2 1/2 inches of the holder and press the mirror in place with a light pressure.

Get your gift box and wrapping and address the card. What a nice project.

Thanks, Mike. ♦

Big Free For All !!!

By Lou Stahlman



Lou Stahlman

Big Free For All !!!

At the February meeting, look around the Show And Share area.

Several free packages will be available!!!

For example, there will be four packages of ready-to-turn bottle stopper blanks. The wood will be cocobolo with a 3/16" birch dowel glued in place. The corks required are also included. Just stick 'em in a collett chuck and have at it. When completed, they might make a wor-

thy donation to CP Rochester or Isaac Heating.

In addition, there will be a number of 3" sanding discs, velcro backed and in grits from 80 to 600. Help yourself but don't be a jerk and take them all.

Finally, there will be a dozen or so birdseye maple pen blanks. Dimensions are 6" X 3/4" X 3/4". You will need these after you complete the pen turning workshop and half the people you know will be clamoring for one of your creations.

Most of the above are donations from Dave Smith's wife, Liz. She must like us almost as much as Dave did. Thanks, Liz.

♦

Egg Hollowing Project

By Harry Beaver

Photos by Harry Beaver



Harry Beaver

My Egg Hollowing Project
H. N. Beaver,
January 2012

My tools: lathe with chuck, drive & live center; Ellsworth bowl gouge; parting tool; knife; mallet; wood glue.

Select a block about 5"x2.5"x2.5" having the grain run "crossways". Using course grained wood (growth rings) will help hide a glue line. The sample here is Black Locust. Mount on lathe between centers, round it, and cut a **tenon on each end**.

Remove from lathe and split it across its axis. I use a thin knife and mallet, trying to **follow a growth ring**, even if it is not exactly perpendicular to axis.

Mount one piece in chuck. Cut the



Block with "crossways" grain



Turn round with tenon on each end



Split across axis with knife



Split at growth ring



Shape the first half



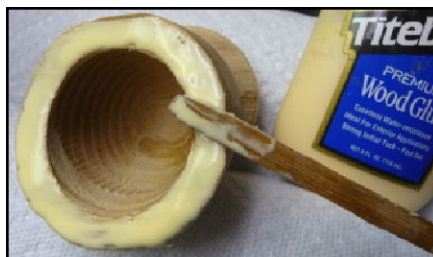
Hollow the first half



Shape the second half



Hollow the second half



Add glue

exterior shape, **leaving it about 1" thick at tenon**, and also leave it thicker at its rim (where will be glued back together). Hollow the piece, as if it is a tiny bowl, leaving wall thickness about 3/16", but **thicker at rim**.

Mount the other piece and turn it the same way; then **clean any bits of wood at the glue edges**.

Add glue and fit both pieces together in-line on lathe as evenly as possible. Use the tail-stock center to press against the 2nd piece's tenon.

When dry, do turning of egg

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Egg Hollowing Project

By Harry Beaver

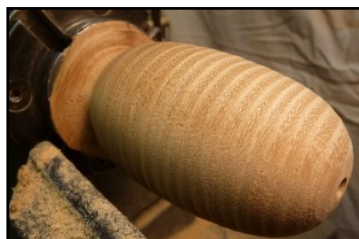
Photos by Harry Beaver

(Continued from page 7)



Turn egg shape

shape, trying to conceal the glue line, while remembering how much wood you can safely remove.



Finish turning, sand and part off

friction polish.

Lastly, finish turning the head stock end and part off the piece. Sand, then apply polish on this end.

Part off the tail-tenon and finish that end. Then drill a hole in tail end on center, about 3/16" D, to mimic the "hollowing tool entry hole".

DONE! Unless deception is your goal, in which case make a miniature "hollowing tool" to accompany the piece. (It does help to convey the thought that it was hollowed out....for a little while) ♦

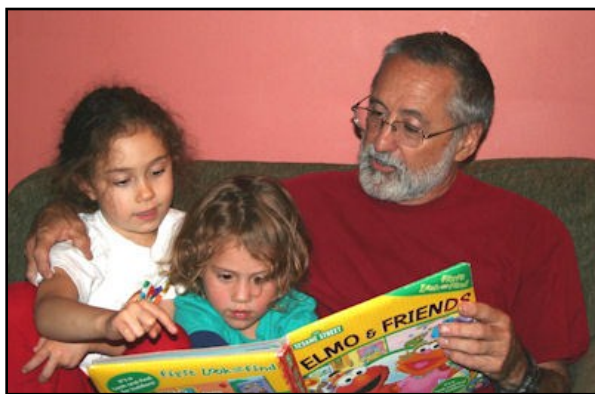
I do finish sanding, then apply MYLAND'S



The "Deception" with the miniature hollowing tool

Library Notes

From the Librarian – Gary W. Russell



Grandpa with Cassie and Cecilia

There were a multitude of non-returned library items last month--the worst since we began the library. What really bothered me was that **no one** bothered to contact me to say they couldn't make the meeting or would like to renew the item or whatever. Granted I did not personally e-mail everyone reminders before the meeting, but I shouldn't have to hold member's hands. Remember, library items are loaned out a **month** at a time. The library

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Library Notes

(Continued from page 8)

is small, and for this many items to be hoarded is not fair to other members. Since we began the library, there have been so many diligent members using it that January was very disheartening. Please remember to return your items on time either personally or via another member or contact me to make other arrangements.

On to new topics. Last month we had a new donation from Erwin Tschanz, **Rude Osolnik: A Retrospective**. This is a short booklet showing a number of color pictures of his work with a short biography. It is even a signed copy, if anyone is interested in that sort of thing. Lee Spencer donated another great video of our December demo on hollow turning by Mark Mazzo. Just a reminder that Lee

From the Librarian – Gary W. Russell

does this on a monthly basis for us, and I have nearly all of the past monthly demos in the Library. So if you missed a meeting, it's here. Because there are quite a few of these, I don't generally bring them to the meetings for loaning out unless requested. Thanks Erwin and Lee.

I will continue to bring new items and a good selection of DVDs to each meeting for loaning out. If anyone would like a specific library item, please contact me to make sure that I bring it to the meeting. With prior notice, you may also browse, borrow or return items at the Library which is located in my home. A complete list of library materials is located on our web page.

Donations are always accepted. ♦

Longworth Chuck



Roger Coleman

My thanks go out to Mr. Marty Chatt for writing a very detailed plan that was published in the November 2011 FLWT Newsletter regarding how he built a Longworth Chuck. As a result, I was also able to build a copy for myself.

I used the 3 1/8 inch faceplate that came with my RIKON mini lathe, wood screwing it to the inner disk. It would have been better to follow Marty's lead and glue a 1/2 inch block on the inner disk, use brass inserts and metal screws to secure the faceplate. This would enable one to un-

*By Roger Coleman
Photo by Roger Coleman*



*Longworth chuck by
Roger Coleman*

screw the faceplate, use it for another purpose then re-attach it without weakening the attachment and have it still be true. My faceplate has become a permanent

part of my chuck, and I will need to purchase a replacement.

I made a circle cutting jig for my plunge router out of a 3/8 inch plexiglass and fol-

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Longworth Chuck

By Roger Coleman

(Continued from page 9)

lowing the rest of Marty's instructions was a breeze.

When I reversed the outer disk, the chuck no longer ran true. I took off the faceplate, drew a 3 1/8 inch circle around the center, and then re-attached the faceplate in the circle... true!

Also, upon reversing the outer disk I realized that with a bowl or plate in the chuck, that if I were to have a catch the chuck would tighten. This was not planned, but I will not challenge the unplanned outcome.

Thank you again Marty.

Roger Coleman ♦

"Ask Woodie"

By Woodrow (Woodie) Turner



Woodrow (Woodie) Turner

Dear Woodie,

When making pens, I've been using a shellac-based, friction finish, but after a while it wears away, and the pen clip interferes with refinishing. I'd heard of using super glue as a finish, but I only succeeded in gluing my

fingers to the pen. What do I do now?

-Stuck Up

Dear Stuck,

With pen "in hand," you were at least able

to write for help. It *could* have been much worse. You might have glued yourself to your lathe! In the experienced words of Rich Harrell, "Never glue yourself to anything that you can't carry.*" So, get yourself some debonder. It may save your hide. I find that acetone also works if you give it time. You can get acetone at paint stores or even as certain fingernail-polish removers. But do get something. And keep it within reach!

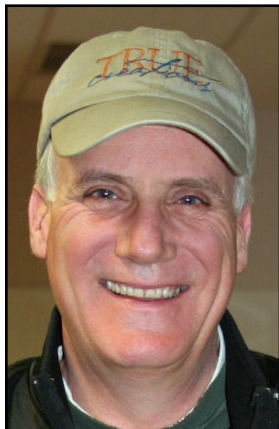
-Woodrow Turner

**American Woodturner's Tips for Turners*, (The American Association of Woodturners, Shoreview, MN, 2001), p. 37.

-Woodie Turner ♦

Take A Look At This!

From Jim Echter



Jim Echter

Remember Lou Stahlman's presentation "Proportions and Profiles" from February 17, 2011? Well, Jim Echter has pointed out a significant oversight on Lou's behalf regarding the 13th Century Italian mathemati-

cian, Fabonacci! Did you know our fine feathered friends knew of the Fabonacci sequence? The proof is right here. Believe it or not! Take a look...just click on the following link: <http://www.flickr.com/photos/28248015@N08/6269377951/> Who knew! ♦

From the Publisher

By Ralph Mosher



Ralph Mosher

A note of thanks to the contributors of this issue of the *Finger Lakes Woodturners Newsletter*. Mark Mazzo for *From The Chair*, Mike Hachey and Robert McFadden for their articles covering Mike Hachey's January demonstra-

tion, Lou Stahlman for the "Big Free For All", Harry Beaver for writing about his "Deception", Gary Russell for the *Library Notes*, Roger Coleman for writing about his experience making a Longworth Chuck, and Jim Echter for the update about Jackson Saw and discovering the Fabonacci Pigeons all over the Internet!

Thanks again to all of you for your input! ♦

Jackson Saw Has Moved

By Jim Echter

Jackson Saw has moved from its long time State Street location to Henrietta. The new address is:

Jackson Saw
3255 Brighton Henrietta Townline Road
Suite 103
Rochester, NY 14623
585-546-7485 (same phone number)

One Day FREE Robert Sorby Event

Sponsored by:

Buffalo, NY 14221

Rockler Woodworking and Hardware
5085 Transit Rd

Call (716) 631-8922 to Reserve your Seat

Sorby One Day Event



ROBERT SORBY FREE WOODTURNING TOOLS DEMONSTRATION



WEDNESDAY 2/22/12
1PM - 4PM & 5PM - 8PM

- ✔ A member of staff from the Robert Sorby factory in Sheffield, England will be here to give advice on different aspects of woodturning including demonstrations on new products as well as established favorites.
- ✔ Bring in a turning tool and have it sharpened by the demonstrator!
- ✔ Special Pricing on All Sorby Tools the Day of the Event!

RESERVE YOUR SPOT TODAY!

FLWT Thanks Rockler Woodworking and Hardware **a 2011 / 2012 Season Sponsor!**



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- Valid at Buffalo, N.Y store only.
- Not valid with any other coupon or offer. ♦

FLWT Thanks Isaac Heating & Air Conditioning



ISAAC
Home Energy Performance
When you need HOME EFFICIENCY, we'll be there!

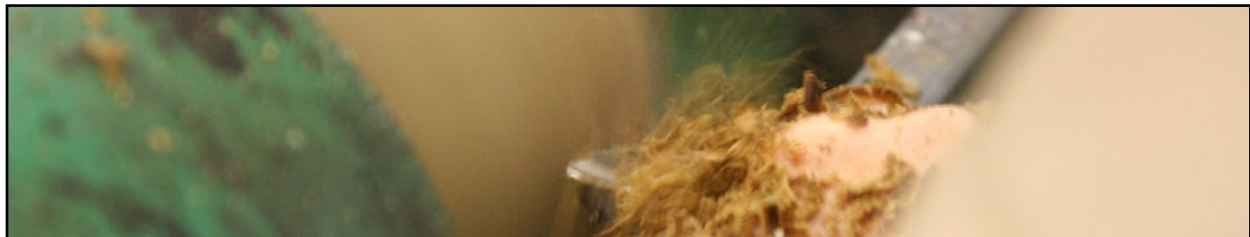
Acheive greater home comfort while lowering your energy bills!

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180 Charlotte Street, Rochester, NY 14607

FLWT thanks Isaac Heating & Air Conditioning and Lee Spencer, VP of Finance, for their generosity in letting FLWT use

the "Isaac University" facilities for our meetings! ♦

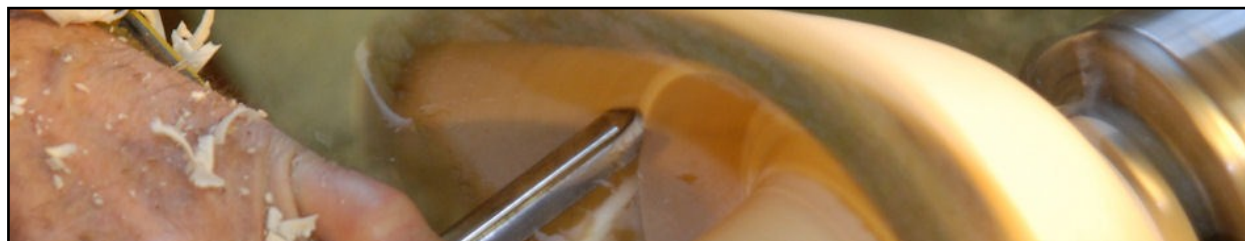


Calendar of FLWT Woodturning-Events 2010/2011

Date	Event	Location / Time	Pre-Mtg. Show & Share	Challenge	Demo / Topic	
Feb 2012	16 th	FLWT Turning Mtg.	Isaac Heating & Air Conditioning Classroom 6:00 - 9:00	6:00-6:45	Make a hand held mirror	Bruce Trojan Off Center Platter
	21 th	FLWT BOD Mtg.	TBA 7:00 - 9:00 PM			
Mar 2012	15 th	FLWT Turning Mtg.	Isaac Heating & Air Conditioning Classroom 6:00 - 9:00	6:00-6:45		Ed Lehman Bud Vase or Functional Item
	20 th	FLWT BOD Mtg.	TBA 7:00 - 9:00 PM			

FLWT Board of Directors 2011 - 2012

Position	Name	Home Tel	Cell Tel	Email
President / Chair	Mark Mazzo	265-4002	978-1926	mark@mazzofamily.com
Vice President	Bruce Trojan		261-7230	trojanbd@frontiernet.net
Secretary	Bill McColgin	586-1417	402-0967	mccolgin@rochester.rr.com
Treasurer	Harry Stanton	315-986-1548	455-6035	harry_c_stanton@yahoo.com
Librarian	Gary Russell	227-8527		cngrussell@rochester.rr.com
Newsletter Publisher	Ralph Mosher	359-0986		2rmosher@rochester.rr.com
Advisors	Jeffery Cheramie			
	Jerry Sheridan	494-1889		sheridanjerry@yahoo.com



Local and National Woodturning Events of Interest

2011		Event	For More Information
March 31st April 1st 2012		Totally Turning Symposium Saratoga Springs City Center, Saratoga Springs, NY	http://www.totallyturning.com/
April 2012	20th 21st	Andy DiPietro Friday Evening Lecture Saturday Demonstration	TBA
June 2012	8th- 10th	2012 AAW Symposium San Jose Convention & Cultural Facilities San Jose, California	http://www.woodturner.org/sym/sym2012/

Mentor Contacts¹

Name	Day Tel	Eve Tel	Email	Turning Skills / Specialty
Doug Crittenden	924-5903	924-5903	cleo99@frontiernet.net	General turning
Ed DeMay	406-6111	924-5265	edemay@rochester.rr.com	Bowl turning, dust collection
Ward Donahue	334-3178	334-3178	wddonah@frontiernet.net	Spindle & hollow turning, coring, sharpening
Jim Echter	377-9389	377-9389	jechter@rochester.rr.com	Spindle & faceplate turning, sharpening
David Gould	245-1212	245-1212	D2sGould@aol.com	Bowls, plates and hollow-forms
Jim Hotaling	223-4877	223-4877	jhotaling2198@aol.com	Christmas ornaments
Ed Lehman	637-3525		elijw@rochester.rr.com	General turning
Ralph Mosher	359-0986	359-0986	2rmosher@rochester.rr.com	Bowl turning, Boxes, Sharpening, Tool control
Dale Osborne	(315) 524-7212	(315) 524-7212	dborn3@rochester.rr.com	General turning
Erwin A. Tschanz	271-5263 (Dec – Mar)	271-5263 (Dec – Mar)		Historical, bowls, plates, goblets, boxes, bone, antler

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. ♦

January Challenge Project...Hollow Forms

Photos by Ralph Mosher



January Show and Share

Photos by Ralph Mosher



David Seward



Gary Russell



Travis Koschara



Ed Lehman



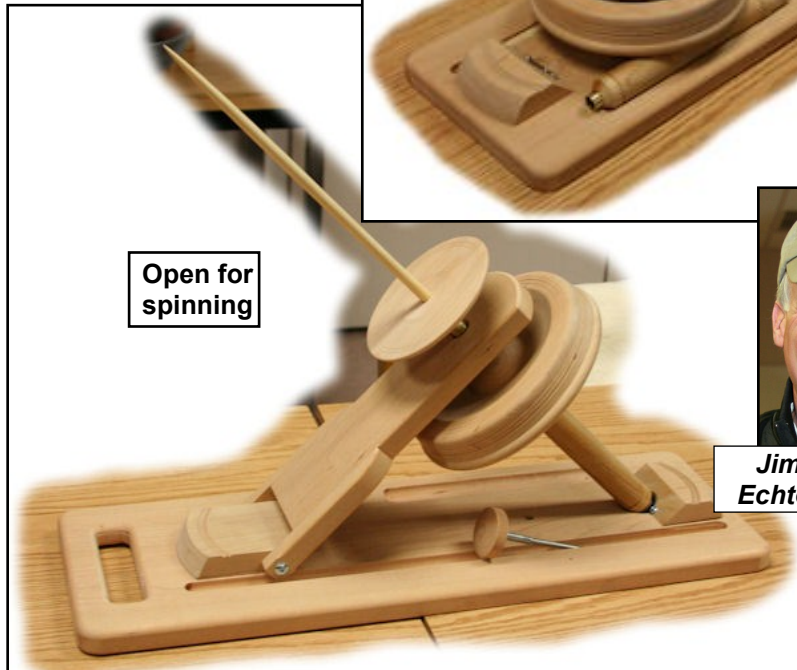
Tool Handles by Jim



Collapsed for portability and storage



Jim Hotaling



Open for spinning



Jim Echter

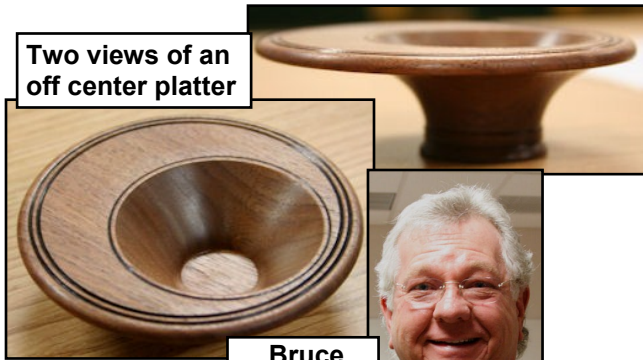
Two views of Jim Echter's True Creations Kick Spindle - Model II

(continued on page 17)

January Show and Share

Photos by Ralph Mosher

(continued from page 16)



Two views of an off center platter



Bruce Trojan



Ralph Mosher



Rose engine enhanced ornaments



Mark Mazzo



Mike Hachey



David Lowry



Roger Coleman



Charles Bartholomew



Bottle stopper detail



Jeffery Cheramie

