

Finger Lakes Woodturners

A Chapter of The American Association of Woodturners



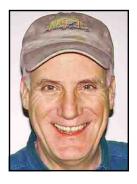
Pg	Contents					
1	From the Chair by Jim Echter					
3	Summary of April Meeting Demon- stration, written by Mike Brawley					
5	 The Importance of Sharpening by Jim Hotaling Woodturning Limerick by FLWT's Poet Laureate I 					
6	FLWT Makes Donations to the Rochester Philharmonic by Bruce Trojan					
7	The Turning Center by Bruce TrojanThanks to Helpers by Ward Donahue					
8	 Finding Centers for Turning by Jim Hotaling Don't Forget Monday Morning Mascot by Lou Stahlman 					
9	Lost and FoundSummary of Bowl Turning Workshop by Bill McColgin					
10	 Treasurer's Note Thank You to Rockler & Buffalo Store Manager Ed Jolls Thank You to Isaac Heating and Air Conditioning 					
11	 FLWT & RWS Woodturning Events of Interest Regional and National Woodturning Events of Interest 					
12	Mentor ContactsFLWT 2010 Board of Directors,					
13	Photos from April 2010 Meeting Vase Challenge & Show and Share					

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 May meeting, the last of this season, will be held at the Isaac Heating and Air Conditioning University classroom, 180 Charlotte St, Rochester, 14607. For more information, go to http://fingerlakeswoodturners.com/

From the Chair

by Jim Echter

Fellowship and the love of working with wood - these are the common bonds for those of us who are woodturners. We have such a fantastic and diverse membership in the Finger Lakes Woodturners Association that has really bonded



us over that last several years. However, we also enjoy the same bond with other AAW members across the country. Last week, I unexpectedly had to go to North Carolina to help out a family member. I arrived on Sunday and that night I was reading the local Wilmington newspaper when I spotted a little write-up for the Wilmington Area Woodturners Association meeting the following Saturday. Unfortunately, I was going to be driving back home that day so I wouldn't be able to attend the meeting which was in the afternoon. I decided to call the contact person in the article anyway and connected with John Still, the President of WAWA. It just happened that they were having their Board meeting the following day and he invited me to join them and to go out to lunch with the group. It was fascinating to have a conversation about how we

run our club meetings and events and how they run theirs; what our challenges were; and what has been successful. WAWA draws its members from all over North Carolina. Some members travel close to two hours just to attend their monthly meetings. That's a strong bond if I ever saw one! Participation in the AAW really is the "glue" for our local chapters and is what bonds us together. So if you're traveling this summer, be sure to take your AAW member list with you.

From the Chair (cont'd)

You may just stumble on an opportunity to meet other like minded folks who will gladly meet you and provide their local knowledge of an area. I look forward to my next visit to Wilmington and attending a WAWA meeting. Maybe I'll even get to put on a skew demo for them.

We have an exciting meeting planned for May 20th. Shirley Robbins will be doing a demo on "Inside Out" turning. You can make some really interesting projects with this technique. It is also very well suited for those of you who own mini lathes. This month's Challenge Project is to make a honey dipper. We'll soon be able to tell the bowl turners from the spindle turners with this project. Hint - You might want to sharpen your parting tool to pull this project off. As always, remember your Show and Share projects and your spin tops for the kids.

I want to thank Ed DeMay and Jeffery Cheramie for putting on last month's demo on Ornamental Turning. It is so different from normal woodturning that it was really fun to see. We apologize for not having a video camera so everyone could see close up the action of their MDF Rose Engine Lathes. We have a project planned for the summer to try to address that issue. The club owns a set of "spy" cameras and a switch box. We just need some folks to rig them up on the lathe.

The club needs your help over the summer. As I mentioned in my earlier email message, even though we won't have any more meetings until September, there are club activities that go on during the summer. The club needs members to help out with the following activities:

- 1. National Speaker Selection Committee (no, they don't just show up...)
- 2. Build a lathe video camera set-up for the club lathe (help make our demos even bet-
- 3. Build a chip shield for the club lathe (for safety and to keep the mess down for faster cleanup)
- 4. Purchase a sound system for the club (so we can all hear better)
- 5. Purchase and set-up a storage cabinet (tool chest) for tools, sound equipment, grinder, etc. (we need a place to store our stuff)
- 6. Nomination committee for new Board Members (we need to keep the club going)
- 7. Minor Bylaw changes / review for our 501(c)3 filing (required by the Feds)

As I mentioned in my email message, I regrettably will have to step down as the club President next year due to all my other commitments. Per the club bylaws, nominations will be taken at the October meeting, a vote will be conducted in November and the transition will take place at the December Christmas party. I will happily stay on as a board advisor to ensure a smooth transition. Please think about who you would like to nominate (yourself included) to fill two Board seats and a couple of advisor positions. It is time for some new members to participate on the board. That helps to keep the ideas fresh and flowing. Bruce Trojan and Ralph Mosher recently stepped up to fill Board positions and they've had a really positive impact on the rest of the team with their ideas and suggestions. Feel free to talk with me or any board member or advisor about the details of our positions.

Please join or renew your AAW membership if you haven't done so yet. They recently implemented a tiered membership fee structure. You can lower the cost if you get the journal delivered electronically vs. a print version. Remember, the AAW provides us with our club insurance, 6 wonderful magazines each year, and will keep you informed about this year's symposium in Hartford, CT, the closest it will ever be to us. Start making plans to attend the event if at all possible. It is sensory overload for turners.

I look forward to seeing everybody at the May meeting! If not, have a wonderful summer. As always, keep your bevels rubbin' and the chips flying...

April Demonstration: Ornamental Turning

Summary by Mike Brawley

Photos by Dave Smith

Presenters: Jeffery Cheramie and Ed DeMay provided a great introduction to the relatively complex subject of ornamental turning. Their discussion covered a bit of



Some of the infinite number of patterns that can be cut



One of the variety of cams



history, a variety of lathes, and a review of the various lathe components. In addition to many pieces of their work, they each brought and demonstrated their Magill rose engine lathes. They also extended a cordial invitation to any of us who may be interested to join them in their pursuit of ornamental turning.

What is it?: Ornamental turnings are generally made on special lathes using a variety or cams, cutters, and index plates to achieve intricately cut designs. (See Photos) These lathes can vary in complexity from a simple router and jig to the intriguing, but somewhat mind numbing, designs of the late 19th and early 20th centuries. The work is rather loosely divided between that done with rosettes or cams, known as a rose engine work, and that done with index plates.



Ed and his machine

History of Ornamental Turning: Ornamental turning apparently has its origins in mid 16th century Europe where

mostly ivory turnings were made for the aristocracy. From the late 18th century to the early 20th century the family of John Holtzapffel developed and sold high end ornamental lathes in London. These lathes are considered to be among the best ever made. Most are in museums and



Jeffrey and his machine

those that do come on the market command prohibitive prices.

Lathes: In addition to the Holtzapffel lathes, lathes by Lindow-White, Mandala, and Magill were discussed. The Lindow-White and Mandala machines appear to be well made at base prices around \$3,000. There are also apparently many upgrades which can substantially increase the cost.

Jeffery and Ed's Magill lathes were discussed in more detail. These lathes can be purchased as a kit or built from plans available on the Ornamental Turners International web site.

April Demonstration: Ornamental Turning (cont'd)

Head Stock: The headstock is constructed to pivot at its base, on an axis parallel to the spindle. There is an interchangeable rosette, or cam, on one end of the spindle and a chuck to hold the work on the other. The spindle is turned slowly by a hand crank. The rosette rides against a fixed rubber, or cam follower, which causes the spindle and the work to oscillate relative to the

fixed cutter. Note that the work also rotates as the crank is turned. The design is determined by the shape of the rubber as well as the shape of the rosette. Jeffery's machine included an index plate on the spindle behind the chuck.

Chucks: Both of these machines were equipped with conventional four jawed chucks. More complex machines might be equipped with more complex chucks. Elliptic or eccentric, for example. There was a brief mention of a pen chuck which is used to give some indication of how a particular setup on a rose engine might work out. It consists of a platen which is held in the chuck and a pen which is mounted in the tool holder. The pen then scribes a pattern on the platen.



Belt driven fly cutter on Jeffrey's machine in action

Cutting Frames: The actual cutting on these machines is generally done by a small high speed fly cutter. For most rose turnings, the cutter is a 60 degree point, but other shapes (rod cutters) can be used. The cutter normally spins horizontally on a vertical shaft, but this too can be varied. The assembly holding the cutters is referred to as a cutting frame. On Ed's machine the motor driving the cutter is fixed to the cutting frame while on Jeffery's machine, it is attached to an overhead arm (See Photo). This latter arrangement is meant to facilitate changing various cutting frames. Note that cutting frames too can become much more complex and that historically, they would have been powered by a treadle.

Cross Slides: The cutting frame is generally mounted to a tool post on an x-y table or cross slide. These items are readily available machine tools of varying quality. There was a discussion of the need for accuracy and the elimination of backlash.

Rose Engine Work vs. Index Work: In rose engine work, the work moves relative to a stationary, although spinning, tool. Only after the work is cranked thought one complete revolution of the rosette is the cutter moved and the process repeated. On index work, the work is held stationary and the tool is moved to do the cutting. After the cut is made, the tool is withdrawn, the work is re-indexed, and the cut repeated.

Materials: Historically, ornamental turning was done in ivory. Today, tropical hardwood such as Macassar ebony and rosewood are preferred, although Ed has achieved good results with cherry and walnut. Some of Jeffery's work was done on relatively thin laminations of contrasting

woods. It was noted that most of the cutting is done into the end grain of the wood.

Many thanks to Jeffery and Ed for a great



Some of the many beautiful objects you can make with an ornamental turning machine

April Demonstration: Ornamental Turning (cont'd)

References

Organizations:

- American Association of Woodturners (AAW) has various articles on how to make different things and ideas for turning different items.
- Ornamental Turners International (OTI) is an AAW chapter dedicated to ornamental turning.
- The Principles and Practice of Ornamental or Complex Turning, by John Jacob Hotzapffe (Long, hard to read, and boring unless you like this stuff).

Web sites:

- Modern Rose Engine: http://themodernrose.com/
- Lindow White: http://www.roseengineturning.biz/
- Jon Magill's Instructions and others: http://www.ornamentalturners.org/index.php
- Mandala Rose Engine: http://www.mandalaroseworks.com/

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- Jon Magill's Instructions and others: http://www.ornamentalturners.org/index.php
- Mandala Rose Engine: http://www.mandalaroseworks.com/
- Ornamental Turning by J.H. Evans (Better read but still not good).
- Ornamental Turning by T.D. Walshaw (Modern book with good info).

The Importance of Sharpening

by Jim Hotaling

At the April Board of Director's meeting, there was considerable discussion concerning the importance of the correct sharpening of turning tools. There is no doubt that lathes, chucks, grinders, etc, are important for the turner but sharp tools can't be over emphasized. They are necessary if the turner ever hopes to reach any degree of turning proficiency. Learning to sharpen correctly will go along ways towards giving you an above average turning skill-set.

When beginning to learn sharpening techniques, you can practice movements with the grinder off. This allows you to get the feel for the proper rotation of the tool without having to grind away the tool unnecessarily. I believe the above holds true whether or not you use a grinding jig or sharpening free hand.

At the conclusion of our board discussion, we agreed to list mentors who would be willing to help you learn how to sharpen most of your turning tools. Consult page 12 of this newsletter to find a listing of "sharpening" mentors.

He's Back for a Visit!

In the absence of FLWT's Poet Laureate I, Poet Laureate II has been writing the limericks the past few months. But now, Poet Laureate I has returned! After living amongst goat herders and turning wood bowls on a yak-powered lathe in the Himalayas for most of this past year, FLWT's Poet Laureate I is back visiting. Since he couldn't turn while the Yaks were feeding, mating and taking care of other business, he used that time to write some new limericks.

Woodturning Limerick

by the FLWT Poet Laureate I

There was a woodturner named Jerry Who turned apple and maple and cherry So many great pieces And his fame still increases No wonder he's always so merry

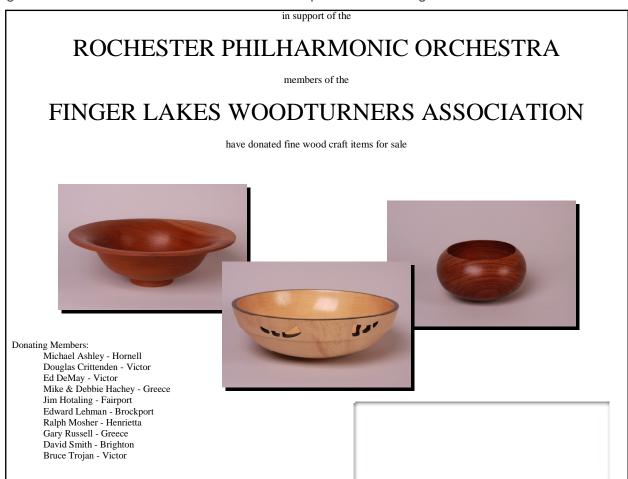
Finger Lakes Woodturners Association Makes Donations to **Help Rochester Philharmonic** by Bruce Trojan

Many thanks to the FLWT members who donated pieces to sell at the RPO "Symphony Showhouse" to be held at The Cottages at Malvern Hills in Pittsford beginning May 22.

Donating members are Michael Ashley, Doug Crittenden, Ed DeMay, Mike Hachey, Debbie Hachey, Jim Hotaling, Edward Lehman, Ralph Mosher, Gary Russell, Dave Smith and Bruce Trojan. Included in the more than 55 donated pieces are Pens, Wine Bottle Stoppers, Bowls, a Salad Bowl with Utensils, Candle Stick Holders, Letter Openers, a Platter, a Vase, a Candle with a Turned Base, and a Cowboy Hat with a Stand. The pieces are priced from \$8 to \$150.

RPO POPS conductor Jeff Tyzik and his wife Jill were blown away by the quality, uniqueness and amount of work delivered to them. They expressed their gratitude and asked me to convey their thanks to our entire club. I asked to have a framed flyer, shown below, displayed along with our work to promote our club and it's support of the RPO.

Symphony Showhouse is a bi-annual event. This year it's being held at two new houses (called "Duet of Homes") at The Cottages at Malvern Hills, located on the corner of Thornell Road and Rt. 64. It is a three week event that begins May 22 and runs through June 13. Rochester's finest interior designers will display their artistry in each room of the homes. Hours are Tuesday through Thursday 9:30 - 3:00 and 6:00 - 8:30, Friday through Sunday 9:30 - 4:00. Private group tours can also be scheduled. Tickets are \$15 advance and \$18 at the door. The proceeds from ticket sales and the sale of donated items will benefit the RPO Educational Programs. More information can be seen at www.rposhowhouse.org.



Bruce created the flyer above to be displayed with FLWT's donated works at the RPO fundraiser

Last March I had the pleasure of visiting the Turning Center in Philadelphia, PA. Walking into the Turning Center is like walking into one of the finest small art galleries



Turning Center Gallery

of the world. Only all of the art there is of the turned wood variety. Every well known turner is represented with at least one piece and in many cases, multiple pieces. For me, it was like walking into a dream. It's a representation of Who's Who of the woodturning world! I had seen many magazines and books with photographs of great work, but to see so much great turned work in all its physical splendor was truly a pleasure and an experience I will be sure to duplicate every time I get to Philly.

The Turning Center is the creation of a

fine gentleman by the name of Albert LeCoff. He has created a place where the general public can see where the world of woodturning has come from and gone in recent years. He's also done so much more. In creating the Turning Center, Albert has also created a place for collectors to discover and purchase turned wood art. In addition, he's created the International Turning Exchange, where each year, four turners from around the world are selected for an eight week residency to learn from and share with one other their talents and experiences.



Albert LeCoff



The Turning Center Store

There are two gallery rooms and a store where books and turned items are for sale. Albert's staff includes Ron Humberton. Director of Exhibitions and Collections and Will Jordan, Director of Development.

I highly recommend a trip to the Turning Center, 501 Vine Street, Philadelphia, PA for every one of our club members. It's an experience, as a wood turner, you will definitely want to have. If you're like me, you will find it interesting, exhilarating, mind opening and most importantly, fun!

Thanks to Helpers at our Meetings

by Ward Donahue

I'd like to thank the folks who volunteer to help out at our meetings. I don't have a list of all those who worked this past season but at our last meeting, Walter Ballard, Frank Carrado, and Harvey Festenstein did clean-up. Charlie Bartholomew worked the door and Mike Brawley took notes of the demo. Many thanks to all our volunteers who make our meetings go so smoothly!

Finding Centers for Turning

There are various methods for finding the center of square and round stock that you want to turn. Wood turning catalogs have many fixtures that can be purchased for \$10.00 - \$15.00 that can help find centers guickly. I'm always on the look-out for firewood that will produce several dowels. A method that I use (see photo) employs washers, disks, etc, to maximize dowels from a particular piece of wood. I then band saw the pieces and chuck them in my lathe. Fender washers in various sizes are great as they have small center holes, which enable me to prick punch the center easily. I'm sure there are other approaches to finding the center of odd shaped wood, but this method works for me.

by Jim Hotaling



Jim uses a variety of different diameter washers to lay out dowel stock

Don't Forget!

- Make tops over the summer break and bring them to our September meeting. We want to see them flowing in!
- Renew your AAW membership
- Make plans for the June AAW Symposium in Hartford, CT, the closest it will ever be to us. See page 11 of this newsletter for more details.

Monday Morning Mascot

by Lou Stahlman

I go to a Weight Watchers meeting every week. Monday morning. 0945. Most often, about 20 people. 19 females and me. What a deal !!!!! Just me in a room full of caregivers. They fret when I'm not there, laugh at my jokes no matter how many times I've told them, give me new recipes to try and on and on and on.

Handing out awards is always a high point of the meeting. Apparently, they all love awards and clap enthusiastically when one of us loses 5 pounds or so. And that is where I come in......

There is special recognition given to a person who has lost 20% of their starting weight. Without promise or guarantee, I turn a small box to be given to the 20



The incentive awards Lou makes. Turn the page to see the Weight Watchers surprise inside!

percenter at the next meeting. Just large enough to hold comfortably a small appropriate surprise. Brings down the house every time and I'm immediately acclaimed the sweetest, most adorable, clever and funny old man they have ever seen.

Try it sometime---has worked for me---every time.

WARNING: The downside is that at least one person will look at me with disbelief in her eyes and ask "Did YOU make this?" I wish they wouldn't act that surprised.

Monday Morning Mascot (cont'd)



Lou's Weight Watchers incentive surprise

Lost & Found

If you left a "Shop-Smith" skew chisel at the sharpening workshop, please contact Ed Lehman (637-3525) so he can return it to you.

Bowl Turning Workshop

by Bill McColgin

Leaders





Ralph Mosher

Ed DeMav

The 2010 FLWT Intro to Bowl Turning Workshop was held on Sat., April 17th at the lovely home and great workshop of Ralph and Barbara Mosher. The four lucky students not only learned about bowl turning, but also got to see wonderful examples of Ralph's bowls, both those on display in his home and others in progress.

Ralph and Ed had clearly done a lot of advance preparation work. Four mini lathes were already set up around the shop. Mahogany blanks with waste glue blocks had been prepared in advance, along with jam chucks on faceplates for finishing the bowl bottoms. Ralph and Ed began by placing a blank between centers and demonstrating the cuts used to shape the outside of the bowl. This included

forming the outside of the bowl foot and shaping the waste block to fit a four-jaw chuck. The students then turned the outside of their own bowls with guidance and hands-on instruction from Ralph and Ed. Everyone had brought sharp bowl gouges, as requested, but it was interesting to see slight differences in the shapes of the cutting tips. Ed and Ralph reground one gouge to improve its shape so we could see how it was done. Everyone finish-sanded the outside of their bowls using Ralph's power and manual sanding techniques. The bowls were then reversed and placed in four-jaw chucks for hollowing. Ralph demonstrated the techniques for hollowing, including hollowing part way and finish-sanding that portion before continuing, thereby reducing distortion of the bowl shape and minimizing wall thickness variations. One participant brought a bowl from home that had distorted during turning. Ralph was able to fix it. Watching this process was as informative as seeing a bowl turned perfectly the first time. Ralph also told us the secret formula for his renowned bowl finishes. However, we cannot reveal those details here. (Psst, See your FLWT Handbook.)

It was a full day and a great workshop. We learned a lot and everyone came away with a nice bowl. Expect to see them at our upcoming meeting. Our special thanks go to Ralph Mosher and Ed DeMay for all their work in making this a terrific workshop!

Treasurers Note by Ed DeMay

Starting January 2010, I will present the Treasurer's report at each monthly meeting. If any member wishes further details of our accounts, I'll be happy to oblige if you contact me.

FLWT Thanks Rockler, a 2009 / 2010 Season Sponsor!



- FLWT members (must show membership card) receive a 10% discount.
- Excludes sale items, power tools & Leigh jigs, CNC, Festool, and Rockler Gift Cards.
- Valid at Buffalo, N.Y store only.
- Not valid with any other coupon or offer.

FLWT Thanks Isaac Heating & Air Conditioning

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!



FLWT & RWS Woodturning Events of Interest

Date		Event	Location / Time	Pre-Mtg Show & Challenge Share		Demo / Topic
May 2010	20	FLWT Turning Mtg Isaac Heating & Air Conditioning Classroom 6:00 - 9:00		6:00 - 6:45	Make a honey dipper	Inside Out Turning presented by Shirley Robbins
	25	FLWT BOD Mtg	TBA 7:00 - 9:00			
Jun thru Aug		Summer Break				
Sep	16	FLWT Turning Mtg	TBD	6:00 - 6:45	TBD	TBD

Regional & National Woodturning Events of Interest

2010		Event	For More Information		
May	20	At Rockler's Buffalo store. Sorby Tool Woodturning Demonstration. Two Sessions: 1 to 4 PM and 5 to 8 PM. Chris Pouncy, internationally known turning demonstrator will be using the new Sorby Sovereign tool system. Event is free but seating is limited so call to reserve a seat. 25% discount available on all Sorby products on this day only.	Tel: 716 631-8922 or http://www.rockler.com		
Jun	18-20	This is "The Event!" 24th annual AAW symposium, including Chapter Collaborative Challenge 2010, Connecticut Convention Center, Hartford, CT. Friday, June 18 - Sunday, June 20. Covers a huge range of exciting topics with major presenters / demonstrators including: Trent Bosch, Jimmy Clewes, Nick Cook, Cindy Drozda, David Ellsworth, Michael Fortune, John Jordan, Bonnie Klein, Alan Lacer, Mike Mahoney, Binh Pho, Graeme Priddle, Betty Scarpino, Dick Sing, Mark St. Leger, Curt Theobald, Keith Tompkins and many more!	http://ww.woodturner.org/ sym/sym2010/		
Aug	20-22	Chicago Woodturners Turn-On, Chicago 2010, our 2nd Midwest woodturning symposium. Featured demonstrators include Jimmy Clewes, Don Derry, Cindy Drozda, David Nittman, Binh Pho, Dick Sing, and Malcolm Tibbetts.	http:// www.chicagowoodturners. com or email: Paul Shotola		

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	Sharpening, bowl turning, dust collection
Ward Donahue	334-3178	334-3178	wddonah@frontiernet.net	Sharpening, spindle & hollow turning, coring
Jim Echter	377-9389	377-9389	jechter@rochester.rr.com	Sharpening, spindle & faceplate turning
Jim Hotaling	223-4877	223-4877	jhotaling2198@aol.com	Christmas ornaments
Ed Lehman	637-3525		eljw@rochester.rr.com	General turning
Ralph Mosher	359-0986	359-0986	2rmosher@rochester.rr.com	Faceplate turning, bowls
Dale Osborne	(315) 524-7212	(315) 524-7212	dborn3@rochester.rr.com	General turning
Tom Pedlow		237-3962	tcp1@frontiernet.net	General turning
Shirley Robbins	(315) 945-3363	(315) 573-7228	srobbins002@yahoo.com	Inside out decorations
Lou Stahlman	248-2097	248-2097	Istahlman@rochester.rr.com	Cutting wood correctly, General turning
Erwin Tschanz	271-5263 (Dec – Mar)	271-5263 (Dec – Mar)		Sharpening, 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 handson sessions over a lathe. The exact nature is up to you and your mentor. If you feel you could benefit from mentoring, contact an appropriate volunteer mentor above to determine if he or she is a match and available.

FLWT 2010 Board of Directors

Position	Name	Home Tel	Cell Tel	Email
President / Chair	Jim Echter	377-4838	704-7610	jechter@rochester.rr.com
Vice President	Jerry Sheridan	494-1889	738-4159	sheridanjerry@yahoo.com
Treasurer	Ed DeMay	924-5265	406-6111	edemay@rochester.rr.com
Secretary	Bruce Trojan	742-3915	261-7230	trojanbd@frontiernet.net
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Advisors	Rich Connelly	889-4996	943-7397	rconnell@rochester.rr.com
	Ward Donahue	334-3178		wddonah@frontiernet.net
	Ralph Mosher	359-0986		2rmosher@rochester.rr.com
	Jim Hotaling	223-4877		jhotal2198@aol.com
	Gary Russell	227-8527		cngrussell@rochester.rr.com
	Mike Hachey	723-1395		hacheymd@aol.com
	Debbie Hachey	723-1395		hacheymd@aol.com

April Vase Challenge & Show and Share

Photos by Dave Smith



Finger Lakes Woodturners http://fingerlakeswoodturners.com/



Finger Lakes Woodturners

http://fingerlakeswoodturners.com/