



# Finger Lakes Woodturners

A Chapter of  
The American Association of Woodturners



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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://fingertlakeswoodturners.org/>.

## From the Chair

*by Jim Echter*

10/5/10



It sure was great to get the new season of the Finger Lakes Woodturners Association kicked off last month! There was a full house at the meeting and Ralph Mosher put on a wonderful demo on turning balls. We had a guest visitor from Georgia that happened to be in town on business and heard about our meeting. We also had two teenagers that just started recently turning and had made some nice pens with the help of one of our members. The show and share was very inspiring. It was fun to see what folks had made over the summer. The willow burl challenge had some really neat objects too. I know for me, the Challenge and Show and Share are my favorite part of the meetings. Very inspiring!

I have had the opportunity to spend a great deal of time this past month looking at dull and improperly sharpened tools owned by several turners. I have also been doing research on the different sharpening methods available,



*A new season for FLWT at the great Isaac University facilities*

from dry grinders, wet grinders and belt systems for an article I'm working on for the AAW journal. Needless to say, if you are just starting out in woodturning, you will get frustrated if you have dull tools. So you really need to learn how to sharpen your tools. It does not really matter what type of sharpening system you own or use, you just need to learn how to use it! After all, the wood does not care how the tool was sharpened, whether it is hollow ground or flat ground, honed or not, it just needs to have the tools sharp so they cut and don't tear the fibers.

One of the key advantages of belonging to the FLWT is all the knowledge in this group. If you add up all the man years of experience sitting at one of our meetings, it amounts to hundreds of years of woodturning experience. There are all sorts of opportunities for you to learn how to properly sharpen and use your tools and, yes, that even includes the dreaded skew! Last weekend we had a Sharpening Workshop and a Top-A-Thon. The club also has a mentoring program. If you volunteer for the board or some committee and get to know some of the other members, you will find that woodturners are a sharing bunch of folks. I guarantee if you ask any other member for advise or help, they will be more than happy to assist you or introduce you to one of the club experts that can assist you or answer your question. So, my recommendation is for you to take advantage of all the opportunities to learn. Participate and get involved, you will become a better turner.

I look forward to seeing everyone at our October 21st meeting. Our Challenge Project is to turn a ball. They are fun to make and look great displayed in one of your bowls. Remember that the purpose of the Challenge Projects is to get you to try something new; to get you out of your comfort zone and to get you standing in front of your lathes. These are meant to help you learn. I know the very first time I turned a ball I started with a 3" diameter blank and ended up with a 1" diameter finished ball. I may have been disappointed with the size, however, I learned the process and made the chucks so my next ones were successful and much faster to make.

Keep your bevels rubbin'  
Jim

## Poet Laureate

*Poet Laureate I*

FLWT's **Poet Laureate I**, is back for a visit! His water-powered mini lathe business turning Bharal hair curlers from indigenous pine trees has taken off. So much so that it enabled him to take some time for a visit and this months limerick. Thanks **Poet Laureate II**! Great job.

*To a child, a top is a treasure  
Bringing smiles and fun beyond measure  
So start turning today  
What more must I say  
You will find it to be a great pleasure.*



## The October Challenge Project

The "Challenge Project" for October is to turn a sphere. Harry Stanton and Ralph Mosher gave us a preview at the September FLWT meeting. Harry used his lathe expertise to turn a sphere from a willow burl for the September "Challenge Project" while Ralph honed his turning talents for the "How to Turn a Sphere" demonstration.



### A photo recap on sphere turning



## "How To Turn a Sphere" a Demonstration by Ralph Mosher

*By Harry Stanton  
Photos by Rich Connelly*

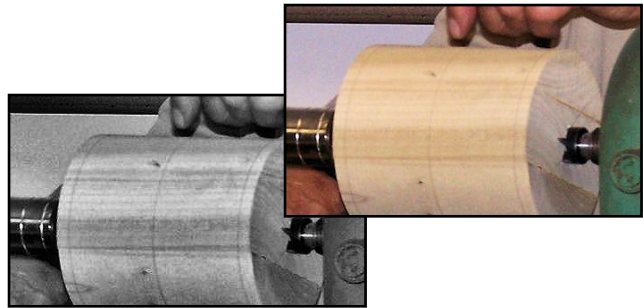
Great demo! Ralph Mosher put on a fantastic sphere turning demonstration at the September FLWT meeting. As he put it, sphere turning is "not for the faint of heart." Starting from a pre-turned cylinder, Ralph showed us how to make a sphere in easy steps. Start by making sure your lathe centers line up well and making a drive cup chuck (this can mount in a scroll chuck) and a cup adapter for a live center. The roughed out sphere will be friction mounted between these centers after roughing out between centers.



# **“How To Turn a Sphere” a Demo by Ralph Mosher** (cont'd)

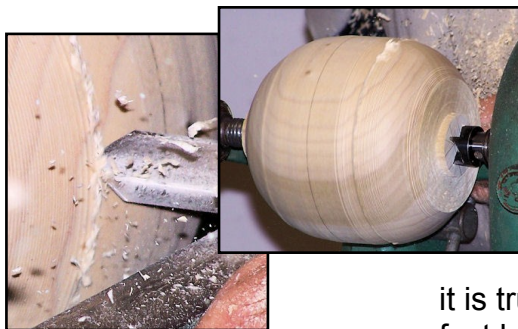
*By Harry Stanton  
Photos by Rich Connolly*

- 1) Cut cylinder to length of diameter of sphere except at center ends.
- 2) Mark center "equator" on cylinder.
- 3) Rough turn sphere, leaving center a touch large.
- 4) Mount between cup centers with equator line parallel to lathe bed.
- 5) Carefully turn off "nubs" and turn sphere to "ghost" of equator line - good light helps.
- 6) Rotate 90 degrees and finish turning.
- 7) Start sanding and continue rotating sphere, turning off small amounts and sanding as needed.



Cylinder showing sphere equatorial and radii lines  
Black and White enhanced to show lines more clearly

Ralph recommended the bocce ball article on Alan Lacer's website ([alanlacer.com](http://alanlacer.com)) and Barbara Crockett's



Rough turning Sphere

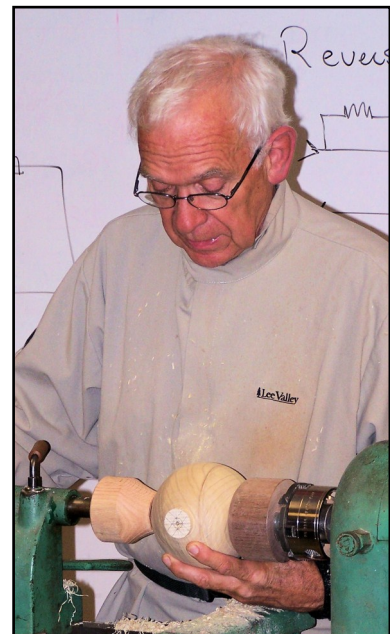
write-up on the [Woodturningonline.com](http://Woodturningonline.com) site. The *American Woodturner Journal* from August 2010 also has a sphere turning article. While

it is true that turning a perfect looking sphere and making cup centers to do so is "not for the faint of heart,"



Fitting head stock cup to rough turned sphere

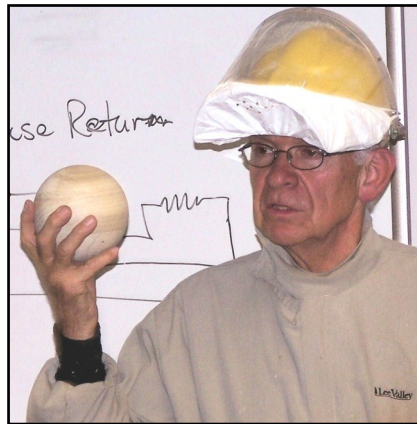
consider trying a more "rustic" sphere for the challenge project. Find a piece of FOG wood (found on ground) and turn a sphere using your regular drive and live centers. This will of course leave marks from the centers, but still demonstrates the process. Actually it is easier to re center the sphere with the points of the centers on the equator line than with the cup centers because you can



Position the rough turned sphere between the cup centers with the equatorial line parallel to the lathe bed. A "ghost" image of the sphere will be revealed when the lathe is turned on. Carefully turn this "ghost" image away to the equatorial line.

## “How To Turn a Sphere” a Demo by Ralph Mosher (cont'd)

By Harry Stanton  
Photos by Rich Connolly



The final 5" diameter Sphere!

put the points right on the line. It is not hard to do, and it is interesting to see how the geometry of rotating the equator circle 90 degrees generates a sphere. The result looks pretty cool, and is fun to roll around.



Harry's 2" Ball from FOG wood

Carefully define the final “Sphericity” of the sphere with several random repositioning's within the cups. Cut away the “ghost “ image and lightly sand with each reposition.

Defined by Wadell in 1935, the sphericity,  $\Psi$ , of a particle is the ratio of the surface area of a sphere (with the same volume as the given particle) to the surface area of the particle where  $V_p$  is volume of the particle and  $A_p$  is the surface area of the particle<sup>1</sup>

$$\Psi = \frac{\pi^{\frac{1}{3}}(6V_p)^{\frac{2}{3}}}{A_p}$$

1) <http://en.wikipedia.org/wiki/Sphericity>

## “Ask not what FLWT can do for you”

By Lou Stahlman

And so, my fellow Americans: ask not what your country can do for you — ask what you can do for your country. John Kennedy 20 January 1961

And so, my fellow woodturners: ask not what FLWT can do for you — ask what you can do for your club. Lou Stahlman 22 September 2010

Within the next few months, FLWT will begin another season. New leaders, new challenges, new opportunities, new friends and a continuing need for first-class volunteers. If you have ideas on how the club should be run, on how our money should be spent, on what speakers we should hire, on who should demonstrate what and when, what the challenge projects are, then serving on the Board of Directors would be a blue-chip way to put those thoughts into play. In addition to working with people of similar interest, you get to see different shops from which you can steal good ideas for use in your own circumstances. Can't beat that.

If the Board Of Directors is not your cup of tea, that's fine. But volunteer for something, anything. Do something that will make all the other members glad you are one of us. There are many paths each of us can follow in making FLWT a better place for our being a member. Here are just a few---be the doorman at a monthly meeting, cleanup after the meeting or after a workshop, help set-up or tear down equipment at the monthly meeting, write an article for the Newsletter, write a summary of the monthly demo and on and on. And you don't have to volunteer for the same job all year long---volunteer for a particular meeting or workshop. No matter what your choice, make it NOW!!!

Lou Stahlman  
10/7/10

**Ornamental Turning Symposium 2010**

I recently attended the 2010 Ornamental Turners International Symposium in San Jose California from Sept 17 to Sept 19. The symposium is run along the lines of the AAW Symposium except for this one is held every two years. OTI also moves this event around the country and in 2012 it will be held in Scranton Pennsylvania the Home of Lindow White Rose Engine Lathes ([www.roseengineturning.biz](http://www.roseengineturning.biz)).



**Joshua Salesin Pagoda**

The symposium speakers came from as far away as England and New Zealand. OTI has approximately 235 members of which 80 attended for the three days. Numerous turners were members of AAW and used both Plain and Ornamental Turning Topics covered in the demos; maintenance of cutting frames, materials, cutting tools and sharpening, oval chucks and making a variety of objects. Nick Edwards from the Society of Ornamental Turners in England spoke

and had a power point presentation about Cataloguing the Ornamental Turning Collection at the London Science Museum. Thousands of original items from Holtzapffel family collection and other manufacturers both turned items and the lathes that made them were donated

*By Ed DeMay*



**Chinese Ball on a Pedestal**

to the Museum. Members of Society of Ornamental Turners finally received permission to assist the curators in documenting the items and machines, a job that will take many, many years. Others spoke with media presentations of their work and how they became interested in Ornamental Turning.

There was a vender area and instant gallery. The work was overwhelming both in the quality and types of work produced, Ornamental Turning is a cross between some plain turning and working more along the lines of a metal lathe. In plain turning the work revolves at a relatively high speed and the tools are manipulated by the turner. With Ornamental Turning the work revolves on a moveable head stock (rocking motion following a pattern or rosette) very slowly, many times only 2 or 3 rpm's and the cutter, turns at high speed- thousands of rpm's.

The cutter is moved in thousandths of an inch and very intricate patters are produced.



**Dave Lindow  
Demonstrating**



**Square and Oval  
Lidded Boxes**



**Lidded box by  
Ken Newton,  
New Zealand**



**Small Bowls by  
Joshua Silesian**

It is great to see that there are people who want to keep this ancient craft alive and using those 17 Century techniques that are the ones still being used today. For anyone interested check out <http://www.ornamentaltturners.org/>. There is a gallery of work and photos of the symposium will be posted. At both of the websites listed above there are links to more Ornamental Turning websites.....enjoy.

If any one is interested in learning more about ornamental turning let me know and we can set aside a night, even if you do not have a lathe, and I will share what I have learned. If there is enough we can perhaps do something monthly.

Lastly Margarete and I added more time and toured some of California and parts of Nevada. Lots of Dry country and  
L A R G E Trees .....wonderful weather and a great Vacation.



So much wood so little time

**Ball Cutting Jig For a Lathe**

*By Dave Smith*

*Photos by Rich Connelly*



The ball cutting jig shown in the photo is designed to turn nearly complete spheres on a lathe by an operator who can rotate the jig's cutter, which is mounted on an adjustable arm or slide, over an arc of almost 360 degrees.

Typically, a wood blank is mounted on a screw chuck in the lathe with the pivot point of the jig's arm positioned directly beneath the center of the blank. As the operator rotates the jig's arm in a series of horizontal sweeps, he (she) successively adjusts the cutter closer to the blank until it is completely spherical or the specified spherical radius is achieved. The advantages of using the jig are that it's a fast and easy way to turn a quantity of balls to a consistent diameter. The disadvantages are that the balls will have a mounting hole in them and they will have a scrapped finish, which is often poorer than can be achieved by a skilled hand turner.





## Note from the Editor

In Jim Hotaling's article in the September FLWT Newsletter "Turning Demo at St. John's Meadow" part of the last sentence was omitted. It should have read "Forty-three people were in attendance - one of them being a local wood turner, Al Vincent, who will be turning ninety shortly." I apologize for this omission.

## 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 Woodworking and Hardware

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## 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!



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# Clarification on AAW Membership Requirement and Insurance Coverage

The FLWT Board of Directors

October 3, 2010

There was some confusion at the September 2010 meeting on the requirement of belonging to the AAW to be a member of FLWT and insurance coverage. Let us apologize in advance if we upset or confused anyone. Our intent with this memo is to clarify information so everyone has the same facts and can make informed decisions as to what organizations they may or may not want to participate in. Since the September meeting, Debbie and Mike Hachey volunteered to investigate, more thoroughly, the AAW insurance policy for our club with John Hill, the AAW Board Advisor that leads the insurance efforts for the organization. Their findings were discussed by the FLWT BOD and some organization policy clarifications were made by the Board.

Here is a summary of the policy clarifications and insurance coverage:

Policy -

- 1) The Finger Lake Woodturners Association **is** a Chapter of the AAW.
- 2) Membership in the AAW is **encouraged** but **not** required for members of FLWT. Many local AAW chapters require membership in the AAW. The BOD of FLWT decided that we would not make this a requirement for membership in the FLWT.
- 3) The Board of Directors Officers must be AAW members, Board Advisors are not required to be AAW members.
- 4) The AAW offers many benefits to anyone interested in woodturning including:
  - a. Liability insurance for members involved in club activities.
  - b. Tenant Legal Liability for property damage at club meeting locations.
  - c. A world class magazine, available in print or in digital format.
  - d. An annual symposium.
  - e. A wonderful web site with a fabulous member's forum, access to 25 years of journals and an inspirational photo gallery.
  - f. An annual resource book.
  - g. An annual membership directory.

Insurance –

- 5) To quote John Hill: “**All AAW members and chapters are insured against any claims brought against them for bodily injuries that they may cause while performing the duties of the chapter.**” To be protected against a claim by this insurance policy should you injure someone while doing something for the club at a club event, you need to be an AAW member. The injured party bringing the claim does not have to be an AAW member or even a club member.
- 6) You **DO NOT** have to be an AAW member to be part of hands-on workshops, attend demonstrations, meetings or any club sponsored event. However, if at a club sponsored event, a Non-AAW member who is

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## **Clarification on AAW Membership Requirement and Insurance Coverage** (cont'd)

*The FLWT Board of Directors*

performing a function for the club injures someone and the injured person brought claim against the non-AAW member, the non-AAW member who caused the injury is **not** protected by the AAW liability insurance. In other words, if you are not an AAW member and injure someone, you are on your own if a case is brought against you.

- 7) The limits of this liability are \$1,000,000 per occurrence and \$2,000,000 aggregate total per year.
- 8) The second part of the AAW insurance policy is Tenant Legal Liability, which is liability coverage for damage to property the club uses for meetings, whether leased or donated. This covers the FLWT use of the Isaac and CP Rochester facilities.
- 9) Any activity, in order to be covered, needs to be published (have a paper trail) as a club activity. As examples, our workshops and classes are published to the membership by email, posted on the website and printed in the newsletter. Open shop events at a member's shop need to have an email message sent to the President (or another designated individual) and forwarded on to the membership so a paper trail is established.
- 10) Here is a link to an AAW journal article regarding the insurance, if you wish to read more: [http://www.woodturner.org/org/mbrship/insurance/liability\\_2009.pdf](http://www.woodturner.org/org/mbrship/insurance/liability_2009.pdf)

The bottom line is, although there are many advantages to belonging to the AAW, **it is not a requirement** for belonging to FLWT and participating in any events the club may have. You just need to be aware of your insurance risk.

When forming the FLWT, the Board determined that insurance was a requirement. The quickest and easiest way for us to obtain insurance was to leverage the previous efforts and significant purchasing power of the AAW, which is why we chose to be a Chapter. In that light, if any member or group of members would like to investigate obtaining our own club insurance policy and the costs associated with that, the Board will gladly review the findings and the effect it will have on the annual dues and share that with the members for their evaluation and comparison.

We hope this clarifies any questions you may have on AAW membership requirement and the club insurance policy.

## Calendar of FLWT Woodturning-Events 2010

Date	Event	Location / Time	Pre-Mtg Show & Share	Challenge	Demo / Topic
Oct 2010	16	One day event Sharpening workshop (Morning) and Top-a-Thon (All Day)	CP Rochester Gym 3399 Winton Road South, Henrietta, NY	Sharpening Workshop in the morning \$2.00 fee to help offset the wear and tear on the sharpening system. All day Top-a-Thon to turn tops for The Golisano Children's Hospital. As people sharpen their tools they can use them to make tops.	
	21	FLWT Turning Mtg	Isaac Heating & Air Conditioning Classroom 6:00 - 9:00 PM	6:00 - 6:30	Turn a Sphere Hollow Ornaments by Bruce Trojan
	26	FLWT BOD Mtg	Bruce Trojan 1164 Wellington Dr Victor, NY 14564 7:00 - 9:00 PM		
Nov 2010	6	Jim Hilberger Demonstration from The Buffalo woodturning club	Isaac Heating & Air Conditioning Classroom 180 Charlotte St Rochester, NY 10:00 AM-1:00 PM	He will show us his "production" techniques for turning small craft show items and special tools he makes to easily turn the items. There is a \$5.00 fee for this Demo	
	13-14	(Sat) Making tools for hollowing an ornament (Sun)Workshop to make the ornament	CP Rochester Gym 3399 Winton Road South, Henrietta, NY	The Saturday making tool workshop will be able to accommodate 10-12 people. The Sunday workshop will be limited to 6-8 people depending on the number of lathes that will be available.	
	18	FLWT Turning Mtg	Isaac Heating & Air Conditioning Classroom 6:00 - 9:00	6:00 - 6:45	Turn an Ornament "Turning and Piercing" a thin wall vessel by Mark Mazzo
	23	FLWT BOD Mtg	TBA 7:00 - 9:00 PM		
Dec 2010	16	FLWT Christmas Party 6:00-9:00 PM	Pieters Life Center 1025 Commons Way, Rochester, NY	6:00 - 6:45 PM	Pierce an Ornament or Bowl Gala Event!
	23	FLWT BOD Mtg	TBA 7:00 - 9:00 PM		

## Local and National Woodturning Events of Interest

2010		Event	For More Information
Oct 2010	23	Acrylic Pen Seminar Rockler Woodworking and Hardware 9:30 AM to 12:00 5085 Transit Rd Buffalo, NY 14221	<a href="http://www.rockler.com/retail/buffalo-new-york-hardware-store.cfm">http://www.rockler.com/retail/buffalo-new-york-hardware-store.cfm</a>
Dec 2010	3-4	RWS Binh Pho: National Lecture and Workshop	<a href="http://www.rochesterwoodworkers.org/home.aspx">http://www.rochesterwoodworkers.org/home.aspx</a>
March 2011	26-27	Totally Turning Symposium City Center Convention Center Saratoga, NY	<a href="http://www.totallyturning.com/">http://www.totallyturning.com/</a>

## Mentor Contacts<sup>1</sup>

Name	Day Tel	Eve Tel	Email	Turning Skills / Specialty
Doug Crittenden	924-5903	924-5903	<a href="mailto:cleo99@frontiernet.net">cleo99@frontiernet.net</a>	General turning
Ed DeMay	406-6111	924-5265	<a href="mailto:edemay@rochester.rr.com">edemay@rochester.rr.com</a>	Bowl turning, dust collection
Ward Donahue	334-3178	334-3178	<a href="mailto:wddonah@frontiernet.net">wddonah@frontiernet.net</a>	Spindle & hollow turning, coring, sharpening
Jim Echter	377-9389	377-9389	<a href="mailto:jechter@rochester.rr.com">jechter@rochester.rr.com</a>	Spindle & faceplate turning, sharpening
Jim Hotaling	223-4877	223-4877	<a href="mailto:jhotaling2198@aol.com">jhotaling2198@aol.com</a>	Christmas ornaments
Ed Lehman	637-3525		<a href="mailto:eljw@rochester.rr.com">eljw@rochester.rr.com</a>	General turning
Ralph Mosher	359-0986	359-0986	<a href="mailto:2rmosher@rochester.rr.com">2rmosher@rochester.rr.com</a>	Faceplate turning, bowls
Dale Osborne	(315) 524-7212	(315) 524-7212	<a href="mailto:dborn3@rochester.rr.com">dborn3@rochester.rr.com</a>	General turning
Tom Pedlow		237-3962	<a href="mailto:tcp1@frontiernet.net">tcp1@frontiernet.net</a>	General turning
Shirley Robbins	(315) 945-3363	(315) 573-7228	<a href="mailto:srobbins002@yahoo.com">srobbins002@yahoo.com</a>	Inside out decorations
Lou Stahlman	248-2097	248-2097	<a href="mailto:lstahlman@rochester.rr.com">lstahlman@rochester.rr.com</a>	How to cut wood
Erwin A. Tschanz	271-5263 (Dec – Mar)	271-5263 (Dec – Mar)		Historical, bowls, plates, goblets, boxes, bone, antler

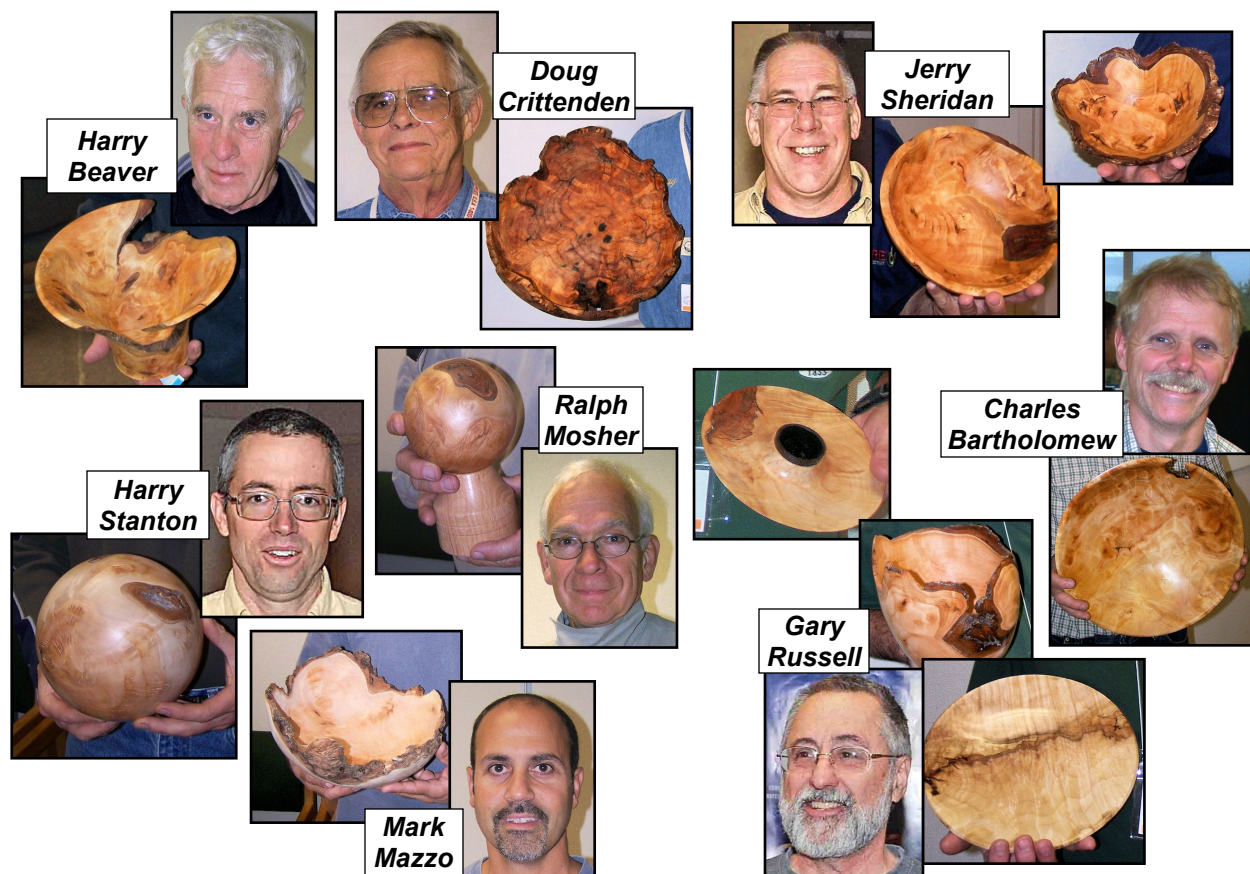
**1. Here's a great way for you to improve your turning skills.** FLWT has award winning and expert turners who, at no cost, are willing to share their expertise one-to-one with other club members. A mentoring relationship might be as simple as getting a mentor's advice in a one time conversation. Or,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

## FLWT Board of Directors 2010 - 2011

Position	Name	Home Tel	Cell Tel	Email
President / Chair	Jim Echter	377-4838	704-7610	<a href="mailto:jechter@rochester.rr.com">jechter@rochester.rr.com</a>
Vice President	Jerry Sheridan	494-1889	738-4159	<a href="mailto:cgs1122@hotmail.com">cgs1122@hotmail.com</a>
Secretary	Bruce Trojan		261-7032	<a href="mailto:trojanbd@frontiernet.net">trojanbd@frontiernet.net</a>
Treasurer	Ed DeMay	924-5265	406-6111	<a href="mailto:edemay@rochester.rr.com">edemay@rochester.rr.com</a>
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	Debbie Hachey	723-1395		<a href="mailto:hacheymd@aol.com">hacheymd@aol.com</a>
	Jim Tallon	217 9779		<a href="mailto:jtallon@frontiernet.net">jtallon@frontiernet.net</a>

## September Challenge Project —Turn something from a burl

Photos by Rich Connelly



# Show and Share

Photos by Rich Connelly



**Denis Caysinger**



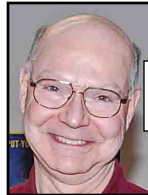
**David Gould**



**Craig Manelius**



**Jacob Manelius**



**Bill McColgin**



**Dave Smith**



**Dave's hand crafted Tail Stock for use with the McNaughton Bowl Saver System**



**Ralph Mosher**



**Charles Bartholomew**



**Lou Stahlman**

**Collaborative Project  
Lou Stahlman  
Segmented Ring  
Ralph Mosher  
Sphere**



**Gary Russell**

