

THE CHIP FLYER



Golden Horseshoe Woodturners Guild - Burlington, Ontario

From the President's Notebook

Our annual President's challenge is this month. By the looks of the show and tell table recently we should have some very outstanding entries this year. There is no entry fee and the winners, picked by their fellow turners, will be awarded ribbons for 1st, 2nd and 3rd in the open, intermediate and novice classes. The Doug Newlove trophy for the most promising novice will be judged by the executive.

We are planning a second workshop in October of this year featuring Jimmy Clewes. Due to scheduling problems our workshop will be held on Friday Oct 28th. Jimmy presents an outstanding workshop which will be of interest to the novice as well as the most experienced turner. The cost for the workshop will be \$ 40.00 and lunch will be included.

We are planning to hold two hands-on group workshops on Wednesday and Thursday Oct 26 and 27th. See Mike Brazeau to reserve a spot in one of these sessions. The cost for the hands-on is expected to be 135.00.

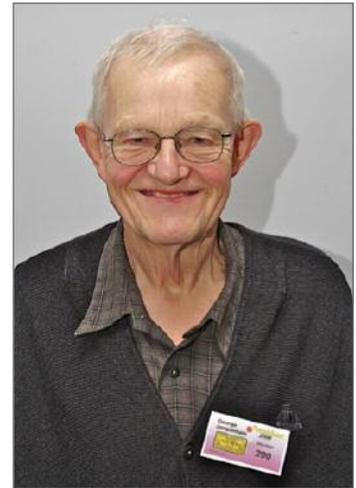
Our project to supply wig stands to cancer patients who have undergone chemotherapy is nearing completion. We have delivered or ready to deliver 145 stands towards our 165 wig stands for the Cancer Society. Hardware to attaching the spindle, top and bottom will be available at both the hands-on and

regular meeting. If you are unable to make a wig stand then bring the wood and someone will make one on your behalf so that you can be part of this project. There are 185 sets of attaching hardware that have been distributed to our members. If all the outstanding sets come in with wig stands we will exceed our goal.

A good collection of turnings were presented as the start of the red elm project. Thanks to all who have contributed their talents. The net proceeds of this project will be designated to enhance the demonstration program. Mike met with the representative of the Cedar Springs Community on April 26 and showed her what we had so far. She was really impressed with what we had accomplished to date. The first sale of items will take place on the July 1st Weekend, so there is lots of time to get work finished. Mike has more wood if additional people would like to participate. Contact him to see what is available.

Cindy Drozda has donated two of her pieces to the guild which we will raffle off starting in June with her finial box which she made at the main workshop and a finial she made at the hands-on. In September we will raffle her star box made at the workshop.

It is important to join the executive to provide continuity. The positions



George Jacquemain

of President and 1st Vice President will be open in 2012. The future of the guild is dependent on volunteers taking their turn on the board.

Coming up

See ghwg.ca for more details

May 19:

2011 President's Challenge turning competition

June 9:

Garage sale during hands on evening.

June 16:

Bob Fenn will demonstrate making wooden bracelets.

Staved bowls, April's demo by Frank Ditomaso...

Frank put on a very informative demo on putting together staved bowls. The project is great for just about any size lathe, even a lathe with a minimum speed that may not work very well for a rough section of log. These bowls can be made up of a single species of wood, or built up of a few species just like other segmented work.

And just like other segmented bowls that make use of flat material, cut and glued up to make blanks, this is a good chance to clean up all those left over boards



from your flat work days. Unlike those other segmented bowls, you do not need to build up several layers to give your piece the depth. These pieces use the width of the board to give you your final height. A cut off sled will help make light work of the pieces in the preparation.

The sled should allow the table saw blade to safely cut at 22.5 degree angle if you want 8 segments in the bowl. The stop block should be set-up to cut the segments the correct width for your bowl. To make a 6 1/2" bowl, the segments need to be about 2 5/8" wide. When making up the cut off sled, use some scrap

material to cut up and assemble into the bowl shape to ensure that blade is at 22.5 degree's. If it is not, your joints will not close tight and when you turn the final shape, you will have gaps and possibly a failure in the bowl, sending the pieces across the shop.

After all the final pieces are cut, the rough fit them together, and then lay them out belly down edge to edge. Apply a couple of bands of strap tape to help hold the pieces in place after you put glue on all the seams. Since you are working with end grain on all the segments, do not be shy on the glue. A good quality



PVA glue will have enough open time to allow you to work to get all the joints lined up. Put a thick coat on all the seams, and let it sit for a minute or so, and then look to see if you need to apply more. The end grain will draw in more glue than side grain, and you do not want the joints to be too dry.

Once the glue is on, then start to wrap the staves into a circle (barrel) shape, using the tape to help align and hold the segments. Once they are closed up, add a large band clamp to help draw the joints together while the glue sets up overnight. Do not just walk away once the band clamp is on. Take this opportunity to align the segments so that they are all even across the top and bottom of the piece, this will make turning it much easier once it is dry. Frank took and made a clamp from 2 boards and a long bolt to help hold the staves in line as they dried.

Once the barrel is dry, after about 24 hours, you are ready to start to turn it. To hold it on the lathe, make use of a wooden face plate with a 1/4"-1/2" tenon cut on the face. The tenon should fit tightly inside the end of the barrel. The portion of the barrel that you put on





the tenon will end up being the top of the finished bowl, so take a minute before you put the blank on the face plate to make sure that you have the bowl the right way around. With a snug fit on the inside, add several dob's of hot melt glue around the outside of the blank to glue it to the face plate. The hot melt glue will not allow for any heavy cuts, but should hold the blank in place while removing the corners and allow for the blank to be removed from the face plate once the first stage of turning is complete. If you like, you can add a scrap piece to the tail stock end and push it in place with the tail stock to help support the blank for this part of the turning.

You do not need to turn the sides all the way down to the face plate, that part can be cleaned up once you do the final turning on the top. Use your favorite tool to



begin to cut the inside end of the blank. This will be the bottom of the finished piece. Before you get the walls turned down close to final thickness, add a small rabbet to the inside lip. This is where you will insert the bottom.

To make the bottom, put a new piece of material that will become the bottom on the lathe. Fastening it to a glue block on a face plate is a good way to do this as you can then part the piece off the waste block when you are all done. Turn a tenon on the piece that will be inserted into the barrel so that it fits snugly into the rabbet. Once it is ready, take a minute to do some sanding before putting the pieces together as it will be easier now as you can get your hands in there.

Once sanded, apply your favorite PVA glue to the tenon and press it in place on the bottom of the bowl and set it aside to dry.

Once it is dry, you can use a hair drier or heat gun to melt the hot melt glue on the face plate on the other end of the blank to remove it. Now you have the bowl with the bottom attached and the outside rounded, ready for final turning. Install the bottom face plate on the lathe and finish cleaning up the outside by removing the corners that had the hot glue on them.



Now you have a blank that can be turned to any finished shape that fits within the width of the sides. You do not want to be making a funnel at this stage. Take your time and take light cuts and create your bowl. Once it is turned and sanded, apply a couple of coats of finish and you have a great bowl to put to use.

By: Lloyd Butler



Special thanks to Peter Wright for the photos



The President's Challenge Competition Rules, May 19, 2011

1. There are three classes for the competition defined as follows:
 - a) Novice Class: A beginner turner who has been turning for 2 years or less. If a novice turner wins 1st prize in a GHWG competition, that competitor must move to the Intermediate Class.
 - b) Intermediate Class: This class will include any turner who has turned for more than 2 years. If an Intermediate competitor wins 1st prize in a GHWG competition, the competitor must move to the Open class.
 - c) Open Class: This class is open to any competitor who wishes to enter a more skilled competition.
2. A piece that has been entered into another guild competition or any provincial, national or international competition is not eligible.
3. An entry must have been completed no more than 1 year prior to the date of entry of the current GHWG competition.
4. A competitor may enter 1 or more pieces in any one class.
5. In this competition there is no entry fee.
6. The piece entered must not have the competitors name or any other identifying mark on the item or on any card indicating the title. If the piece is signed the name must be covered or the piece will be disqualified.
7. Each entry will be assigned an entry number and exhibited in the appropriate class.
8. A competitor who is unsure of which class to compete in, should consult with the competition chairman.
9. All entries must be turned and may be either functional or totally non-functional (artistic). Finish should be of high quality and may include dye, stain, paint, lacquer, oil, wax or any other suitable finishing product. Similarly various artistic techniques including carving texturing, metal leaf and acrylic fabric paint etc may be used.
10. Theme: This will be an open competition in that any wood, domestic or exotic, or a combination of them may be used. Laminated or Segmented wood may be used. The entries submitted may be any form or shape, functional or artistic or any combination thereof.
11. If desired, entries may be accompanied by an 1 x3 place card which indicates the title of the piece.
12. The judging of this competition will be done by ballot cast by the Guild members present at the May meeting.
13. Prizes will consist of 1st, 2nd and 3rd place ribbons for each class.
14. A trophy named in honour of Doug Newlove will be presented to the most promising novice entry as judged by the executive.



You Asked For It...

Some of you have begun to submit suggestions to the Suggestion Box. I thought it best to start to write them down so you can see some of the great ideas suggested. When ever you have any idea that you feel would be good to see on Hands-On night or as a full demo please feel free to add it to the suggestion box. We will be trying to accommodate as many as we can over the coming year. Here are some received so far in no particular order....

- 1) Seeing a design in green wood by looking at grain patterns. - Cutting up a large log into different vessels - Identification of local woods.
- 2) Making your own special tools. (already scheduled for Sept hands on) - Jigs and fixtures. - Modified lathe gadgets.
- 3) The usual ones which we already do. Natural edge bowls / lidded boxes / hollowing techniques - Finials - Square turning - spheres .
- 4) Inlay work./ CA glue
- 5) Deep Hollowing with Oneway laser guided deep hollowing system or similar system.
- 6) Booking out a lathe and an instructor for an evening to work on a special skill.
- 7) Wood storage - Preparation - drying.
- 8) Cube bowls - glue ups for shapes
- 9) More on pens and wine stoppers.
- 10) Selling turnings
- 11) Turning different fruits.

#6 got me thinking about beginning a mentorship program in the Fall and look to leave a lathe or 2 available on Hands-on night for anyone who wants to reserve a lathe with a mentor for an evening one-on-one. We will likely look at setting up a sign-up sheet for you to explain what instruction you would like and if there is someone in particular you would like to mentor you. This is your opportunity to get something you want help with. It can be a project your working on that you bring in with you. It maybe something to start fresh with.

By Brian Book



June 9 – Guild Garage Sale...

We have had several requests for it again, so here we go. Bring in tools / machinery / wood / anything relating to woodworking that you may no longer use and wish to sell or exchange. You price your items, and you get the proceeds. You may want to label your items to make it easier to find the seller. The guild is holding this to help the membership. It puts together those who have things that they may want to get rid of, with members who may be looking for specific items.

KAURI WOOD (*Agathis australis*)

I recently visited New Zealand. A few years ago I bought some Kauri wood from a place I found on the internet there to make a chalice for my brother-in-law who is a priest with the Anglican Church in Ontario. The idea of a chalice made from 45,000 year old wood appealed to him for his communion services..

Buried just below the surface of the ground and preserved in the water of peat swamps in northern New Zealand, the wood from Kauri trees has neither petrified nor turned to coal. This underground resting place, sealed from the air, became a perfectly balanced cocoon that preserved the giant trees.



When the Brits first sailed to NZ, one of the first ships lost its masts in a storm. It limped to NZ, and replaced the English oak masts with Kauri. Kauri grows very straight, without imperfections or knots, for most of its height. When they sailed back to England, they sold their new masts at a great profit, and repeated the trip over again. There is now more Kauri wood and furniture in Europe than in New Zealand.



Unfortunately, the Kauri had almost become extinct because of the European settlers, and only several hundred remain today. It is now illegal to remove them.

The wood in the trunk is very plain, straight grained and of a light brown colour. The root ball and the top of the trunk give the interesting grains. Kauri wood only warps only very slightly as it dries.



From the trees, Kauri gum was also harvested to make varnishes, lacquers, glue etc. It naturally bled from the sides of the trunk and would fall to the ground and become buried over time. Harvesting it from the swamps which held the old fallen trees by the settlers was also a major industry. The term “gum digger” referred to those working in the swamps, not to early dentists. They would also make cuts in the sides of the trunks to encourage gum flow but this was discontinued when it was discovered the trees became infected.

By Peter Midgley



For more information on Kauri:

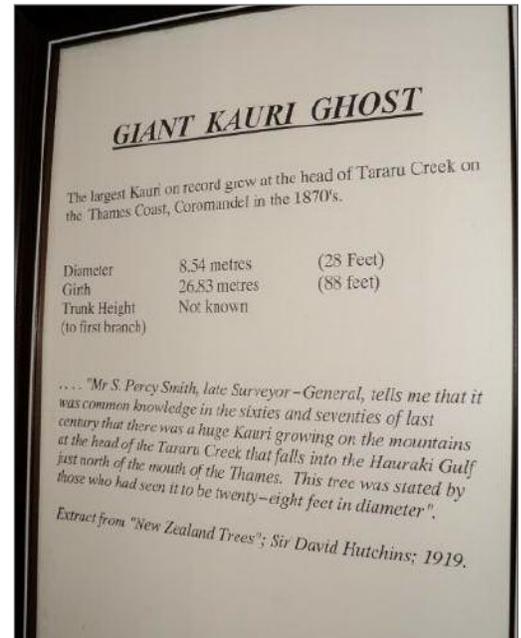
<http://www.kauri-museum.com/>

<http://www.ancientkauri.co.nz/>

<http://www.ancientwood.com/>

<http://www.doc.govt.nz/conservation/native-plants/kauri/>

KAURI WOOD continued...



The kauri tree, *Agathis australis*, is New Zealand's largest and most famous native tree. The kauri is a type of conifer or pine tree which grows in the subtropical northern part of the North Island.

Ancestors of the kauri first appeared in the Jurassic Period 190 – 135 million years ago. The kauri – podocarp (cone bearing) – hardwood forests are among the most ancient in the world.

The largest kauri in existence is Tane Mahuta (Maori for 'Lord of the Forest'). Tane Mahuta is 4.4 metres in diameter and 17.7 metres to the first branch. The Kauri Museum, Matakoho has displays showing even larger trees which were growing in the past.

The oldest tree is estimated to be 2,000 years old. This is Te Matua Ngahere (Father of the Forest) in Waipoua Forest. Larger trees from the past were even older!

Executive Committee:

- PresidentGeorge Jacquemainpres@ghwg.ca
- First VPMike Brazeaufvp@ghwg.ca
- Second VPPeter Hydesvp@ghwg.ca
- Web site and Chip FlyerLloyd Butlerweb@ghwg.ca
- MembershipTim Hendrymembers@ghwg.ca
- Hands OnMorley McArthurhands-on@ghwg.ca
- TreasurerGeraldine Kelter
- SecretaryLen Kaufman
- Exec. AssistantMalcolm Cumming & Norm Deneault
- Member at LargeBrian Book

Grinder station

'Round the ~~water cooler~~....

Well do you have your contest entry all finished ready for May 19 ? Heard a committee has been arranged to organise and run the evenings proceedings.

Also heard that there is a serious search under way for replacement officers on the executive. Both George and Mike are really serious about stepping down in January and now's the time to step up and get involved. If you need to know the club Constitution and Bye-Laws they are available on our web site at the bottom of the Contacts page.

Some things heard in passing.

- New set up for the lathes for hands on. 2 will be mounted on the rolling carts to be a bit more stable. More to be done later.
- Some discussions on improving the video set-up for demos.
- The Suggestion Box on the Membership table has been really welcome. Lots of good input and generating plenty of discussion at exec level. Look for some to be fulfilled in the next year.
- There could be a demonstrator exchange programme set-up with other clubs in the area. If you would like your name to be added to a list of GHWG members willing to participate let the exec know.

Looks like Spring just might be here so how about making some dibbers and other garden accessories for SWMBO and get in some extra lathe time.

Keep your tools sharp and the wood spinning!!!

Chipmaker

Out and About...

2011 Made of Wood Show (<http://www.madeofwoodshow.com/>)



Morley McArthur and Russell Norman put pieces into the gallery to be judged and displayed for the event from April 23 to May 15, while Peter Hyde and Andrew Turnbull have stepped up to do some demo's at the All Things Wood Weekend May 13-15 .

All the categories had a single top piece, no second place in this show. In the Woodturning category, *Russell's Southwestern vase took the top spot*. The other pieces were done by Morley and Bernie Hrytzak from the Thomas Valley Woodturning Guild in London.

Friday afternoon (May 13, 2 p.m. to 6 p.m.)

Morley McArthur - Coring and other stuff
Jim Lorriman - Stick vases

Saturday morning (May 14, 10 a.m. to 1 p.m.)

Jim Lorriman - Platters
Lesley Kelly - Dry wood block
Morley McArthur - TBD

Sunday morning (May 15, 10 a.m. to 1 p.m.)

Peter Hyde -TBD
Lesley Kelly - TBD
Jim Lorriman - Stick vases

Saturday afternoon (May 14, 1 p.m. to 5 p.m.)

Andrew Turnbull - Pens
Lesley Kelly - Platters
Jim Lorriman - Stick vases

Sunday afternoon (May 15, 1 p.m. to 5 p.m.)

Randy McCleod - Deep Hollowing
Peter Hyde - TBD
Jim Lorriman - TBD

Coming Events ...



AAW 25th Anniversary Symposium

St. Paul, MN - June 24 - 26, at the St. Paul RiverCentre.

<http://www.woodturner.org/sym/sym2011/>

Symposium fees are:

- Through May 15, 2011: \$250 for members and \$310 for non-members
- After May 15, 2011: \$300 for members and \$360 for non-members
- After June 13 and onsite: \$350 for members and \$410 for non-members
- For cancellations through May 15, 2011, a \$50 processing fee will be deducted.

After May 15, the registration fee is not refundable

Many areas at the Symposium are open to the public, and do not require registration. These areas include the Instant Gallery, Trade Show, all of the Special Exhibits, and the Educational Opportunity Grant (EOG) auction. The banquet requires a ticket, but after the banquet, the doors will be opened to the public, so galleries and collectors who may not want to attend other symposium functions can bid on EOG auction items.

For Sale...

VARIABLE SPEED WOOD LATHE-14" X 43" – \$299

CRAFTEX-B2338

- swivelling head stock
- 14" over the bed
- 43" between centres
- tail stock travel - 2.25"
- variable speed - 600 - 2400 rpm
- motor -3/4hp, 110 volt
- morse #2 taper in head and tail stock

Contact: Mike Telega

(Niagara on the Lake area)

E-mail mtelega@talkwireless.ca



Chip Flyer Sponsors....

EXOTIC WOODS Inc.

New Location as of June 2, 2009

TEL - 905.335.8066 FAX - 905.335.7080 EMAIL - info@exotic-woods.com

www.exotic-woods.com

5225 Harvester Rd.
Burlington, Ontario L7L 5L4

The Finest in Imported and Domestic Wood

WOODTURNING SUPPLIES

All the popular products of Craft Supplies of Derbyshire England are now in Canada.

- * Lathe and Carving Tools
- * Exotic Woods
- * Chucks & Lathe Accessories
- * Pen, Pencil, Jewelry Parts

Send for a catalogue today
WOODCHUCKER'S SUPPLIES
1698 Weston Rd
Weston, Ontario, M9N 1V6

E-MAIL sales@woodchuckers.com
1-800-551-0192 local 416-241-8654

william wood-write
A PENTURNERS PARADISE

Canada's premier one-stop shop for pen turners.

To Order:
On-line: www.penblanks.ca
Call toll free: 1-877-585-0403

Ask us for a free catalogue!

www.penblanks.ca

Duke Electric (1977) Limited
986 Barton Street East,
Hamilton, Ontario, L8L 3C7
*AC/DC Motors and Controls
Sales & Service*

Ph 905-547-9171 Fax 905-544-1522
<http://www.dukeelectric.com>
10% Discount with this Ad

TEGS
TOOLS AND MACHINERY

www.tegstools.com

Moishe Chaimovitz (moishe@tegstools.com)
Eli Chaimovitz (eli@tegstools.com)
1104 Barton St. E.
Hamilton, ON L8H 2V1
Bus: 905.545.5585
Fax: 905.545.1590
Toll Free: 866.462.TEGS (8347)

Gabe Chaimovitz (gabe@tegstools.com)
1361 Rymal Rd. E.
Hamilton, ON L8W 3N1
Bus: 905.388.0784
Fax: 905.388.9745
www.tegstools.com

Here are some links to stores on the internet. They are clickable in the PDF document.

These links are also available on the web site.

Supplies...

- » [Woodchuckers, Toronto](#)
- » [Lee Valley Tools, Ottawa](#)
- » [Jacques Coulombe Woodturning, Montreal](#)
- » [William wood-write, Cambridge](#): pen supplies
- » [Quiet Fire Designs, Courtenay](#): Calligraphy pen nibs and holder
- » [Penn State Industries, USA](#)
- » [Craft Supplies USA](#)
- » [Woodcraft, USA](#) (ask about shipping via [Canada Post](#))
- » [Arizona Silhouette, USA](#)
- » [Augum's Pen Works, USA](#)
- » [The Golden Nib.com, USA](#): pen & shaving supplies
- » [THO Game Calls, USA](#): Wild game calls

Finishes...

- » [Wood Essence, Oakville](#)
- » [Montana Colors, USA](#)
- » [General Finishes](#)
- » [Claphams Beeswax](#)

Tools...

- » [All-in-One Tools, Mississauga](#)
- » [Busy Bee Tools, Mississauga](#)
- » [Tegs Tools, Hamilton](#)
- » [Normand, Mississauga](#)
- » [Karmans Tools and Supplies, Kincardine](#)
- » [Welbeck Sawmill, Durham](#)
- » [Oneway, Stratford](#)
- » [Thompson Lathe Tools, USA](#)
- ** [Thompson Lathe Tools, Canadian retailer](#)
- » [Monster Lathe Tools & Accessories, USA](#)
- » [VEGA Tools & Accessories, USA](#)

- » [McMaster-Carr, USA](#): handles, knobs, fasteners
- » [Global Tooling, USA](#): Carbide cutters, "Byrd"

Shelix

- similar to [Easy Rougher](#) bits
- » [Carbide Depot, USA](#): Round carbide cutters

Blades...

- » [R & D Bandsaw, Brampton](#)
- » [GRS Tools, USA](#): burrs and power carvers

Sandpaper...

- » [Royce Sales, St. George](#)
- » [Stockroom Supplies, Lowbanks](#)
- » [Industrial Abrasives, USA](#)
- » [VincesWoodNWonders.com, USA](#)
- » [The Sanding Glove, USA](#)

Wood...

- » [Exotic woods, Burlington](#)
- » [The Wood Shed, Smithville](#)
- » [Artistic Wood and Tool Supplies, Toronto](#)
- » [McQueen Custom Cuts, Welland](#)
- » [A & M Wood Specialties, Cambridge](#)
- » [Dupuis Sawmill, Grimsby](#): custom milling

Misc...

- » [UC coating, USA](#): anchorseal
- » [Wooden Wonders, USA](#): Cyanoacrylate (CA) Glues
- » [Chef's Specialties, USA](#): Pepper mill parts
- » [Feather Duster Depot, USA](#): feathers for dusters
- » [Metal Pen Blanks, USA](#): M3 Metal Blanks
- » [Ruth Niles Bottle Stoppers, USA](#): Stainless Steel Bottle Stoppers
- ** [Ruth Niles Bottle Stoppers, Canadian retailer](#)
- » [FloralTrims.com, USA](#): Artificial Decorative Birds
- » [Plastic World, Toronto](#): Plastics and Resins
- » [P&A Plastics, Hamilton](#): Plastics and Acrylics
- » [Rio Grande, USA](#): Burrs and wire, Jewelry findings
- » [Pen Kit Bushings and Tube sizes](#): Pen Kit References for Bushings and Tubes
- » [Rubber Chucky.com, USA](#): Rubberized wood chucking additions