

THE CHIP FLYER



Golden Horseshoe Woodturners Guild - Burlington, Ontario

From the President's Notebook

Life is hectic these days getting ready for our family Thanksgiving and fitting in as many of the hockey activities that I can of three grandsons playing Rep at the AE level. I am managing to squeeze in a few hours of turning once in a while and still at the planning stage of a piece or two of Treen for the President's Challenge at our October meeting. It will be done! This past weekend, a half dozen of us enjoyed the day at Applefest at Ireland House Museum in Burlington. There were lots of young families and the Spintops and mushrooms produced were cherished by lots of little ones. The general consensus was that we should participate again next year if invited.

I would like you to consider membership in the American Association of Woodturners if you have not already joined. There is

now a Green Digital form of membership at a reduced rate of \$43 as compared to \$58 for Canadians. Membership is no longer on a calendar basis but is on a rolling 12 months. The higher fee includes 6 printed copies of the American Woodturner as well. Both levels allow on-line access to all past copies of the journal. I am finding that as I use the on-line access it is a lot easier than searching my bookshelves for an article I remember from the past or an idea I am researching. The next symposium is to be held in Tampa, FL in late June next year. Symposia are an incredible experience that many of our members have enjoyed and no doubt willing to discuss with you. Flyers will be available at the member table at Hands-On and our regular meeting or you can simply go to <http://www.woodturner.org> and sign-up.



Mike Brazeau

Andy has been working on program for next year and things are falling nicely in place for the winter and spring program. We will announce details at the October meeting as well as more details on the Woodturning 101 Program.

Pens for Canadian Peacekeepers

By Matt Mackinnon

With Thanksgiving upon us, it's seems like a good time to stop and reflect on all the good things we take for granted. Good food and merry conversation with our friends and family we have around us. And it got me thinking about the Canadian Troops that don't get to spend this Thanksgiving here as they are deployed around the world to try and bring some semblance of what we have to others.

continued on page 3...

Coming up

See ghwg.ca for more details

Oct 18:

Frank Ditomaso will cover Christmas ornaments, to begin the race into the holiday season.

Nov 15:

Doug Magrath will cover the topic of turning burls.

Multiaxis Turning with Peter Rand...

What an evening...

Peter took us through an introduction to multiaxis turning and the area that he has found most interesting. We normally turn between centers and turn the material down until it is balanced. For Peter, he is enjoying working with the centers, yes more than one, which are away from that balance point.



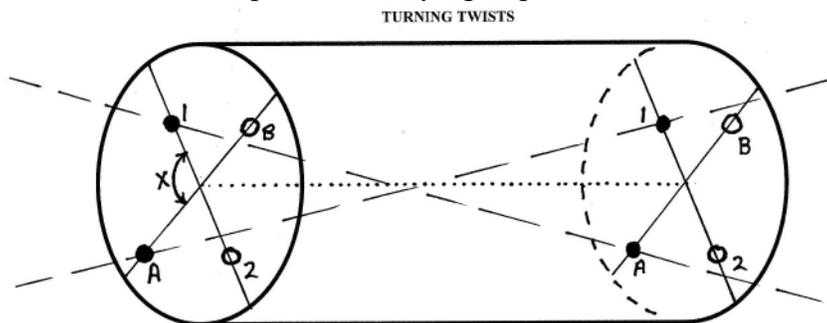
He demonstrated how with 2 centers on each end that are a bit off set from each other, how the tool cuts a curved surface on the work piece even as you move it straight across the tool rest. He showed how the surface changes as the pair of centers move relative to each other. When you start to understand the relationship between the offset centers, you can then plan the final twisting shape.



He then also tried to describe the same process, but with more than 2 offset centers. He brought in a number of great examples that were made with 2 or 3 centers. He talked about the process, where you are cutting away material as a ghost rather than solid material. If you cut far enough you can get down to a solid surface, but then the final resulting shape is a circle.



Peter described the process for trying to plan the direction of the curved surface via the below diagram.



If one end is marked with centers 1 & 2, and the other with A & B, you can plan the final twist in the surface by the angle between segments joining the points if they go through the center point of the piece.

If you start with centers 1 (left end) with A (right end), and then remount the blank between 2 (left end) and B (right end), then the resulting surface will be counter clockwise. If you start with A (left end) and 1 (right end), then the resulting surface will rotate clockwise. If you do not cross the centers, so 1 to 2 and then A to B, then you do not end up with a twist in the surface, but you will have multiple straight surfaces.

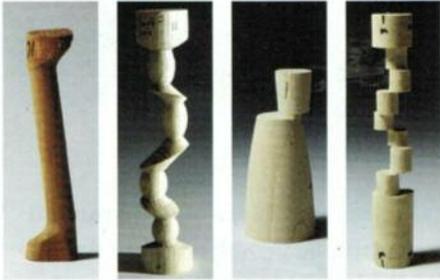
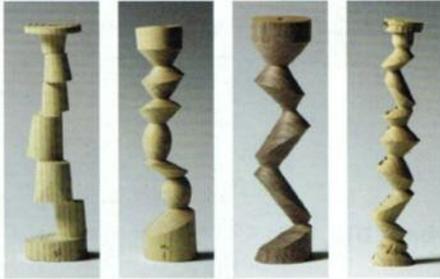
The closer the center 1-2 and A-B are to the center of the blank, the resulting surface will be very rounded and closer to a circle. As those center move towards the outer edge of the blank, the resulting surface shape has a much broader curve, more lense shaped.

The key to getting the twist is that the axis of 1 (left)-A (right) and 2 (left)- B (right) MUST NOT intersect within the blank, or you will end up with a circular surface.

Peter has not been alone in trying to figure out the results of using various offset centers. A well know turner in the USA, Barbara Dill has spent a number of years trying to explain the various possible results of offset turning. Below is a diagram of examples that she explained in the Dec 2011 AAW America Woodturner magazine. In Barbara’s table, Peter is enjoying the lower left quadrant.

Thanks for the informative demo Peter, it offered loads of ideas for us to try out.

Multiaxis Conceptual Model

| Variables | Arc Type | Circular Type |
|---|---|---|
| <p>Parallel Axis (Does not cross center axis)</p> <p>Other variables Profile: straight, curved, or V cut, symmetry, depth of cut</p> <p>Axes: number of axes used, the many options of axis placement, distance of new axis from center, various ways to connect the axes, the axes used to combine a spindle to another separate element</p> <p>Wood: size and shape of wood</p> |  |  |
| <p>Twisted Axis (Crosses center axis)</p> <p>Other variables Profile: straight, curved, or V cut, symmetry, depth of cut</p> <p>Axes: number of axes used, the many options of axis placement, distance of new axis from center, various ways to connect the axes, the axes used to combine a spindle to another separate element</p> <p>Wood: size and shape of wood</p> |  |  |

From the Dec 2011 Barbara Dill Article in American Woodturner Issue Vol 26 #6

...PensForPeaceKeeping continued from page 1

I know we have all heard of pensforcanadianpeacekeepers and the great work that Jim Shaver is doing to send pens to our troops abroad along with a letter thanking them for giving service to our country. I thought it might be a good idea for us at GHWG to make up some pens to send to them. I got a bunch of 7mm slimline style pens from Rockler, Lee Valley, and ??? in a box when I bought a used lathe this week. There is around 20 pen kits that I will bring with me to the next GHWG meeting, and it would be nice if some of you pen turners could take these kits and make pens for this great cause. I know that Jim needs more turners to get pens for our forces. Any help is much appreciated.

Out and About...

By Geraldine Kelter

The 155th Lincoln County Fair (Beamsville Fair to many folks), closed its gates for the last time this year. GHWG participants enjoyed great learning and good food throughout the weekend and the wandering public asked many, many questions.



Tom Wharrick brought his reliable stands so we could give 4 lathes (two Delta Variable-speed lathes and one of the new Generals and Tom's Jet) the weekend warriors' workouts. Andy DiTomaso provided demos on wine bottle stoppers, advice and a peek at some new toys. Every day a surprise! Peggy Wharrick joined us Friday evening through Saturday, turning and selling tops.



On Saturday, Charles Jordan dragged out Roy Cousens who was encouraged to produce a really respectable bowl under the mentorship of Charles and the crew. I daresay Roy is glad he picked up that gouge after all. New member (after the Fair) Gwynn Parry supervised from the observers' gallery. Jim Rix brought his Captured Stars jigs and tools, fooling around with that challenge for the duration of the day.



Sunday brought Derek Dix out of the woodwork to throw some woodchips into the air. A collection of bowls, spoon rests, wine bottle stoppers, tops, mushrooms and stars grew on the display table as the weekend progressed. All digits remained intact and shields protected our eyes so we didn't need the only piece of equipment left in the closet – the First Aid Kit. Fortunately, we had one on site, borrowed from a vehicle.

Thanks to Mike Brazeau and Matt MacKinnon, the equipment required was removed from our closet and re-stored a week later at Hands-on.

For Sale....

King Extendable Mobile Base, new in unopened box. Bought one too many a few years ago.



- Minimum Square Dimension: 11" x 11"
- Maximum Square Dimension: 35.2" x 35.2"
- Minimum Rectangular Dimension: 17.1" x 11"
- Maximum Rectangular Dimension: 51" x 19"
- 500 lbs. max.

Normally sells for about \$55.00 incl. tax., now **\$35.00**

Contact: Mike Brazeau, mjbrazeau@sympatico.ca
905-659-5260

On the Turning Calendar ...

Over the next few months, there are a number of great chances to see talented turning demonstrators and pieces to get your creative juices in gear if you want to travel a bit.

- **Oct 18-21, 3rd Segmenting Symposium** (http://segmentedwoodturners.org/assets/2012_brochure.pdf) in Lake Tahoe, Nevada

- **Jan 25-27, 2013, Hamilton Woodworking Show** (<http://www.hamiltonshows.com/>) in Hamilton, Ontario



- **Jan 26-27, 2013, 25th Tennessee Association of Woodturners Symposium** (<http://tnwoodturners.org/symposium/>) in Franklin, Tennessee



- **Feb 1-3, 2013, Florida Annual Woodturning Symposium** (http://www.floridawoodturningsymposium.com/Florida_Woodturning_Symposium/FWS_Home_Page.html) in Eustis, Florida (about 50km north of Orlando)

- **March 23-24, 2013, Totally Turning 2013** (<http://www.totallyturning.com/>) in Saratoga Springs, New York

- **April 26-28, 2013, Southern States XIII Woodturning Symposium** (<http://www.southernstatessymposium.org/>) in Cartersville, Georgia (about 50km north of Atlanta)

- **May 16-18, 2013, Utah Woodturning Symposium** (<http://www.utahwoodturning.com/symposium/general-info>) in Orem, Utah



- **June 28-30, 2013, 27th AAW International Woodturning Symposium** (<http://www.woodturner.org/sym/sym2013/index.htm>) in Tampa, Florida

For Sale....

SHOPSMITH MARK V Classic Woodworking System, Model 510. **\$750.00 or best offer.**

Date of manufacture: 1990.



Large 1 1/8 hp motor.

Includes all standard accessories for the 5 basic ShopSmith functions:
Table Saw, Drill Press, Disc Sander, Horizontal Boring and Wood Lathe.

The equipment was purchased new in 1990, is essentially unused and is in mint condition. Includes the original complete Operating Manual and project instructions. This is an excellent, multipurpose woodworking machine for an outstanding price. The equipment is located in St. Jacobs, near Waterloo, ON.

For further information and/or to view the equipment, please contact:

John P. Phillips @ 519-821-9302

Woodturning 101...

By Andy DiTomaso

We have gotten a good response to the Woodturning “101” program. A few people who wanted to sign up were confused as to how it will work so we will try to explain it. We have assigned a maximum of 3 students to each group, with a new group starting each month. Over the course of the program, as each group moves through, they may have a different instructor each month. You are assigned to a group in a first come first serve priority.

To get the most out of the lessons, students should bring their own turning tools during these lessons to become familiar with them. There are five lessons over-all, with one lesson each month. After each session the instructor will sign off that each student has acquired the skills to advance to the next lesson. If the student has not completed the project, the student needs to finish it at home and bring their finished piece back the next month to show that instructor so that level can be signed off. The program starts out fairly slow and accelerates to lesson five. This assumes the students are using their new found skills at home and improving their tool control as the program goes along. The cost of the program will be \$25 for the five lessons to cover the wood blanks. Once the students have successfully completed all five lessons, they will receive a diploma from the program. Here is a list of what all five lessons will consist of...

Lesson “1” - Sharpening

Students will bring their own turning tools to learn how to sharpen them. If your tools are dull that is OK. You will want to feel the difference of using a dull tool and one that is properly sharpened for the job. The recommended tools to bring are: roughing gouge, spindle gouge, bowl gouge, skew and a parting tool.

Lesson “2” - Spindle Turning

Students will bring their roughing gouge, spindle gouge and parting tool and will be supplied with a wood blank roughly 2x2x12”. They will be taught to rough the blank out to a cylinder using a roughing gouge, then learn to use a spindle gouge to make coves and beads. The first project of the series will be making a Candlestick.

Lesson “3” - Spindle Turning using the Skew

Students will bring their roughing gouge, parting tool & skew and will be supplied with a wood blank roughly 2x2x12-15”. You will learn to turn the blank into a cylinder and then be taught smoothing cuts, taper, beads and coves using the skew. This month's project will be a Spurtle. In case you do not know what is a Spurtle, it is a Scottish porridge stirring stick but can also be used for stirring soups, pasta, stir fry's, etc. You can look it up on the internet for design ideas.

Lesson “4” - Bowl Gouge

Students will bring their bowl gouge and parting tool and will be supplied with a wood blank approximately 8” dia. x 2” thick. You will learn mounting and chucking techniques and to shape the outside and inside of the blank. This lesson's project will result in a finished Platter.

Lesson “5” - Bowl Gouge Hollowing

Students will bring their bowl gouge, spindle gouge and parting tool and will be supplied with a blank approximately 3x3x5”. You will learn to use the bowl gouge to round the blank into cylinder and then to hollow out an end grain turning. The parting tool will be used for creating tenons for jam chucking and to part off the lid and base. At the end of this lesson you will have finished a lidded box.

Group “1” Students are:

Jack Dossett #581, Roy White # 619, Bill Felker # 464
 Lesson “1” Oct. 11, 2012
 Lesson “2” Nov. 8, 2012
 Lesson “3” Jan. 10, 2013
 Lesson “4” Feb. 14, 2013
 Lesson “5” Mar. 14, 2013

Group “2” Students are:

Carl Thomson # 608, Ken Bonnewell # 603, Viola Duff # 630
 Lesson “1” Nov. 8, 2012
 Lesson “2” Jan. 10, 2013
 Lesson “3” Feb. 14, 2013
 Lesson “4” Mar. 14, 2013
 Lesson “5” Apr. 11, 2013

Group “3” Students are:

Al Pentland # 610, Richard Speir # 625, Roy Couzens # 601
 Lesson “1” Jan. 10, 2013
 Lesson “2” Feb. 14, 2013
 Lesson “3” Mar. 14, 2013
 Lesson “4” Apr. 11, 2013
 Lesson “5” May 9, 2013

At this point we have not scheduled Group “4” but will be giving notice to students that have signed up when we are sure of the dates.

If anyone has any questions regarding “Woodturning 101” please contact Andy DiTomaso @ 905-973-4966 or email: andydito@gmail.com

Out and About...

From: Amaral, Valerie
 Sent: Tuesday, October 02, 2012 2:49 PM
 To: mjbrazau
 Subject: **Museums of Burlington-Applefest** Thank you

Hello Mike,

We are writing to express our most sincere thanks for your participation during the Museums of Burlington’s Applefest Fall Fair. This year, Applefest was a wonderful success with record breaking attendance almost doubling from previous years. We are happy to report Applefest Fall Fair experienced continued growth in adding new partners and participants this year in addition to returning favorites. Community participation really helps in the success of the event. Each year The Museums of Burlington continues to advance its mission of being a premier cultural heritage destination that inspires and engages people through interactive educational programming, cultural exchanges and strategic partnerships. It is with the help of the community that we are able to do so.

Please visit the Museums of Burlington Facebook page and view pictures from the day. Who knows you may be spotted:

<http://www.facebook.com/media/set/?set=a.10151039712502143.419798.14389272142&type=1>

Valerie Amaral
 Special Events Assistant.Museums of Burlington.



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- SecretaryLen Kaufman
- Member at LargeDon Andrews, Noel Beach & Norm Deneault

If you think you have a way with words, we could use your skills and talents. You may have a number of interesting techniques and tips you could turn into an article for the Chip Flyer. If you are interested, contact Lloyd at web@ghwg.ca.

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