



The Turning Point

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Bravery Bead Boxes



*The next meeting of the Nova Woodturners' Guild is at
Lee Valley Tools
100 Susie Lake Crescent, Halifax, N.S.
NOTE DATE: March 18, 2019. 6:15 p.m.*



The next meeting will feature
Jigs, hacks and tips
BRING YOURS TO THE MEETING!!!
Bring in your competition entries

The President's Message March 2019**Gary Landry**

First off I must make up for a bad memory at the February 25th meeting. I forgot to mention that we are in the search of a new venue for our Summer Social/BBQ. After several very successful annual events at Ted Monk's house (profuse thanks to Ted and Debbie for being such great hosts) we are asking each and every one of you to suggest/volunteer a new venue for this summer. Ted and Debbie are taking a very well deserved break from the hosting duties and, I imagine, are looking forward to being guests rather than busy hosts. This event is a great opportunity for members and their significant others, to meet and greet others in a more relaxed and less time constrained manner. Please send suggestions to any of the exec through the contact list on our website (or directly if you have our personal email addresses).

Also, you may have noticed a different floor layout at our February meeting. Only a few chairs were put out in advance of the doors being opened. This was in an effort to allow more ability to roam about and meet other members during our pre-meeting social time. All the chairs covering the floor impeded this so our plan now is to put out only a few chairs for those who have mobility or health issues. Then about 15 minutes before the formal meeting members will then go to the chairs on the cart(s) and take one for their personal use and placement. This also allows those members who wish to stand, and perhaps get a higher perspective on our presentations, to do so. Any feedback on this plan is welcome.

The next issue is our annual Turning Competition. Please refer to the info on the website and in this newsletter for dates for competition pieces to be dropped off at Lee Valley. All information about the competition rules as well as the two required forms can be found under the 'documents' folder on our website. Please use these forms and not ones saved from previous years as there may have been important updates since you made your copies. More information can be obtained via our Chair – Competition Committee (Dave McLachlan) by email or in this newsletter.

Finally, soon we all will be receiving an email from Dave McLachlan asking for volunteers to staff the demo booth at Lee Valley during their Celebration of Woodturning Event at the store. Timing coincides with the dates of our annual competition while our competition pieces are on display in the store. Please consider taking a shift at our booth. The only thing we, and Lee Valley, would ask is that you actively turn something during your shift and not just talk to visitors. If the best way for you to do this is to show up in pairs (one turns and one talks to visitors) then that is perfectly acceptable. This is an outreach effort to attract people to try woodturning, and perhaps recruit new members as a result. The active turning of wood is our greatest advertisement.

Keep turning and stay safe.

Gary Landry

****THE MARCH MEETING ON “JIGS, HACKS AND TIPS” IS DESIGNED TO HAVE ANY AND ALL MEMBERS BRING IN THEIR JIGS, HACKS AND TIPS – BRING YOURS!!!!****

President **Gary Landry** Opened the meeting at 6:45 pm; with 30 members present

Announcements:

- **Brian Larter** has name tags for several members who have recently joined the Guild
- **David McLachlan** announced that there was Fun Turn wood available for pick up at this meeting. Fun Turn pieces are due back at the May meeting.
- Annual Turning Competition:
 - Rules, Guidelines and entry forms are all available on the Guild website.
 - Lee Valley is again hosting the annual turning competition as part of their *Celebration of Turning*. Dates have been set for this year's competition as follows:
 - Entries can be dropped of starting at the March Guild meeting (March 18th). The deadline for entry drop-off is **6pm March 23rd** at the Lee Valley Store
 - Awards will be presented April 13th starting at 1:00pm in the Seminar Room at Lee Valley
 - We need volunteers to staff the demo table during the run of the Competition show. This is a great opportunity to connect with potential new members for the Guild and the table will be staffed from Mar 25th to April 12. **David McLachlan** will be compiling the roster for demonstrators, so please let Dave know which days / times you can staff the table
 - **David McLachlan** is chairing this year's Competition, but need some assistance with some tasks. These include:
 - Set Up – registering the entries and setting pieces in display cases
 - Photography support – fetching and returning pieces during the photography day
 - Judging Support – retrieving entries for the judges and returning them to the cases following judging

Please let Dave know if you can help out for a few hours to support the competition

- **Ted Monk** offered to coordinate a bulk purchase of the Abranet™ abrasives. We will order large rolls of various grits and make them available as “kits” of several grits. More information will be emailed to members shortly.

Main Presentation: Finishing Well – Richard Ford and Yogi Gutz

Richard Ford gave an overview and demo of the techniques he uses for finishing wood and acrylic. Detailed instructions are available on the Guild website in the “Documents” tab.

Finishing Wood

- Finishing techniques and materials are continually changing and evolving as people develop new products and try applying finishing techniques from other disciplines to woodturning. So, what was ‘correct’ a few years ago may have changed in the interim.

- **Critical Point:** - in order to get a top-quality finish, you must have a good surface on which to apply your finish. Any imperfections or problems with your surface will be more obvious when you apply finish.
- Richard showed his surface preparation process using a small bowl in Butternut:
 - Once he has made the final cuts with a gouge, he uses a negative rake scraper to remove any tool marks and refine the final shaping
 - The scraper is sharpened on a diamond plate, first the top surface, then the bottom surface. This raised a tiny burr on the edge which does the actual scraping giving very fine cuts.
 - Take your time with the scraper – you can't rush it to get a smooth surface.
- Next comes sanding.
 - Richard uses Abranet™ abrasives. It is abrasive bonded to a mesh that provides a very consistent grit size and the mesh allows rapid clearing of dust so it does not clog quickly.
 - Start with 180 grit if you have a good surface from the cutting tools
 - Apply sanding sealer – Richard uses Pledge™ floor finish as a sealer.
 - Rub in with a paper towel – this helps to push the sealer into the pores of the wood
 - Buff with the lathe running at high speed (1500 to 2000 rpm) to dry the sealer
 - Next sand with 240 grit
 - After sanding with any grit, turn the lathe off and sand the surface by hand with an orbital / circular motion. This helps to remove any concentric scratches from the lathe sanding
 - Next, Richard applies *Ford's NovaSilk* sanding & polishing paste, applying a thick coat with the lathe off.
 - Turn the lathe on and buff with a clean paper towel. Applying pressure helps to build heat helping the finishing paste to seep into the wood and helps to break down the abrasive in the paste.
 - Turn the lathe speed up to 1500 rpm and continue to buff. The abrasive in the paste breaks down becoming finer and finer as you go, resulting in a very smooth finish.



- Once buffed and dry, just about any finish you want to use can be applied over *Ford's NovaSilk*. Richard normally applies "Two Minute" Finish, which is a 50/50 mix of Shellac and boiled Linseed Oil
 - Apply a heavy coat of the finish and let it soak in
 - Turn the lathe on and run at 1500 to 2000 rpm
 - Buff with a clean paper towel and let the heat build up as it dries
 - You can apply a second coat if desired by adding more finish to the paper towel just used.
- If you are planning to buff the finished piece with a buffing system (eg. the Beall system), you need to let the finish fully cure (about 1 week) before buffing so that the buffing process does not damage the finish
- To turn the bottom of a bowl, Richard uses a jam chuck that is donut-shaped so that contact is made along the circular 'top' of the donut. This surface is covered with a layer of closed cell foam (also called craft foam). Cuts in the rim of the foam allow it to adjust and move without wrinkling. A screw set in the centre of the jam chuck (with the head set below the 'top' will hold the foam in place when a hole in the centre of the foam is popped over the head of the screw. The bowl is held against the jam chuck with a "soft touch" live centre, made with a wood or plastic spindle set in the live centre of the tail stock.



Finishing Acrylic

Richard demonstrated how he finishes acrylic with a spindle turned acrylic knob for a bottle stopper:

- Most of the turning and shaping of the acrylic is done using a "flat-topped" gouge. It can be used like a spindle gouge, or if used flat with the cutting edge horizontal, it cuts like a scraper



on your acrylic piece.

- Shape your piece to the desired profile
- Once the final shape is achieved, it is time for sanding:
 - Richard uses Abranet™ and wet sands using water with a little dish detergent in it. This keeps the friction down and controls dust
 - Sand to 1000 grit, wiping the piece clean with a wet paper towel between grits
- Once sanded, apply a polishing paste. Richard uses his own *Ford's CrystalBlack* paste. As you buff with *Ford's CrystalBlack*, the abrasive breaks down becoming finer and gets to near a 10,000 grit size. The result is a glossy smooth finish

Cyanoacrylate (CA) Finish for Pens

Yogi Gutz demonstrated how he applies a Cyanoacrylate (CA) glue finish for pen bodies. The CA finish gives a very hard, durable surface that resists damage from skin oils and other compounds.

- To use a CA finish, you need:
 - Thin CA glue
 - Non-stick pen bushings (eg. made from UHMW plastic)
 - Paper towel
 - Micromesh™ Abrasive set
- Safety is important as CA glue fumes are toxic. Make sure you have proper personal protection equipment including:
 - Latex or nitrile gloves
 - Face shield
 - Respirator (with cartridges for organic vapour)
 - A fan to remove fumes from the work area
- Sand your pen body to 800 grit before applying the finish



- With the lathe running a slow to medium speed, put 2 – 3 drops of thin CA glue on a folded paper towel and apply with a single wipe moving the paper towel in *one direction only*
- Let the glue dry for a couple of minutes, or you can use accelerator
- Apply 8 to 12 coats in this manner, wiping one coat left to right, then the next coat right to left
- Apply CA glue in a single pass only – don't move paper towel back and forth or it will adhere to your pen body as the glue dries
- Once the CA finish is applied, if needed you can sand with the finest grits of Micromesh™, but if you have applied the finish carefully you can go straight to polishing
- Polish the finish using Hut™ Plastic Polish, or you can also use polishing compounds made for the automotive industry. (Hut™ polish is often sold for removing the foggy bloom from the plastic covers of car headlights).

Raffle Results

John Ashton won a pair of wood blanks; **Edmund Benoit** took home some maple blanks; **John Ashton** won again taking home a turning book; and **Henderson Allen** added a turning book to his library.

Show & Tell

Dianne Looker presented her project for the '2x2' challenge – a pair of small bowls, each with a pair of chopsticks. The bowl rims and chopsticks were decorated with pyrography designs.



Harold McLellan showed off a small box in Cocobolo with a brass threaded union, and a pen made with the "I Love Dogs" kit done in Kingwood.



Calum Ewing presented a turned birdhouse in Pine made from a 12 stave cylinder assembled using birdsmouth joints to form the body.



Meeting wrapped up at 8:45pm

Library Report

Jim Diamond

Peter Nicholl: Woodturning (Jun 2017, Jan 2018)
Peter Nicholl: Journal of the AAW (Feb, Jun, Dec 2017)
Brian Sharpe: Woodturning (Apr 2017, Jan 2015)

From members

Bravery Bead Boxes from Richard Ford, Lowell Jenkins and Edmund Benoit





Nine “Bravery Bead Boxes” created by Gordon Marshall.



New video links

Dave McLachlan writes about a large scroll chuck that might be of interest to members. See:

https://www.youtube.com/watch?v=FZCu9KGDBZo&feature=push-d&attr_tag=Fwob6SAzqS11vMK%3A6

Anyone looking for a really large chuck might want to consider the one described in the url, above. In Canada, Ken Rude, Branches to Bowls Ltd, Calgary, carries the Vicmarc line. Ken@branchestobowls.com

The **video link to February’s presentations** is at this URL:

https://www.youtube.com/channel/UCDew6OLJ4PFL2kOcfX-iu6w/videos?disable_polymer=1

Calendar of Events

Date	Subject	Location
September 17, 2018	Financial statement Review Lathe & Workshop Setup & Maintenance Bill Luther	Lee Valley Tools, 100 Susie Lake Crescent
October 15, 2018	Sharpening Turning Tools, Steven Zwerling	Lee Valley Tools, 100 Susie Lake Crescent
November 19, 2018	Fitting Boxes: Lids & Liners Steven Kennard	Lee Valley Tools, 100 Susie Lake Crescent
December 10, 2018	Christmas Social	Halifax Specialty Hardwoods, 112 Bluewater Rd. Bedford
January 21, 2019	"2x2" challenge due Jigs for Segmented Turning Dave McLachlan	Lee Valley Tools, 100 Susie Lake Crescent
NOTE DATE!!! February 25, 2019	Finishing Well: Finishes and Sanding Richard Ford	Lee Valley Tools, 100 Susie Lake Crescent
March 18, 2019	Jigs, Fixtures, Hacks & Tips All members present	Lee Valley Tools, 100 Susie Lake Crescent
April 13, 2018	Awards Day Lee Valley	Lee Valley Tools, 100 Susie Lake Crescent
April 15, 2019	Software for Turners Steven Parsons / Gordon Marshall Show & tell – competition pieces	Lee Valley Tools, 100 Susie Lake Crescent
May 13, 2019	Bandsaw Epoxy Inlays Dianne Looker	Lee Valley Tools, 100 Susie Lake Crescent
June 17, 2019	AGM	Lee Valley Tools, 100 Susie Lake Crescent

Nova Woodturners' Guild – 2017/18 Executive

Our e-mail now reflects a more consistent method of communicating with the various officers in the Nova Woodturners' Guild. The recipients will change as the need arises but a note sent to the president will go to whomever is president at that time. All the following addresses should be followed by @novawoodturnersguild.com to send mail to that person

Position <address>@novawoodturnersguild.com Name Chairperson

ADDRESS

Executive executive (sends the message to all positions on the list)

President	president	Gary Landry	
Vice President	vice-president	Bill Maes	
Secretary	secretary	Calum Ewing	
Treasurer	treasurer	Dave McLachlan	

Members at Large	members-at-large	Bill Luther	
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Committees

Library	library	Jim Diamond	C
		Richard Ford	

Website	webmaster	Richard Ford	C
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Membership & Promotion	membership-chair	Brian Larter	C
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Newsletter	newsletter	Dianne Looker	C
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Competition		Dave McLachlan	C
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Guild Photographer		Chris Palmer	
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Fund Raising		Norm Jolivet (Raffles) Yogi Gutz	
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Nominating		Bill Maes	C
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