



# The Turning Point

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Member since 2012

*The next meeting of the Nova Woodturners' Guild is  
On Zoom  
**SUNDAY**, May 15, 2022. 1:00 p.m.*

*The next meeting will feature  
**Stephen Zwerling**  
On The Finer Aspects of Sharpening.*

## The President's Workshop May 2022

Gary Landry

*Stephen Zwerling will be demonstrating how to sharpen turning tools.*

It appears that there is less and less each month for me to discuss in these letters to the membership. Our lack of face to face meetings and the reduced numbers attending our Zoom-based monthly meetings is taking a toll. Oh well...strength in adversity!!

This month, we are going to have another IRD this month. **Stephen Zwerling** will be demonstrating how to sharpen turning tools. He will place more emphasis on the more difficult sharpening processes but will also touch on the simpler techniques. Think of square scrapers, parting tools and roughing gouges. This will be a LIVE broadcast directly from Stephen's shop. You will receive instructions to join the IRD from **Calum** in the days preceding our meeting and it will include information about who will initiate the Zoom session. If **Stephen** initiates the Zoom session we will lose connection when he logs off. IF THAT IS TO HAPPEN we will have a replacement Zoom link set up to finish our meeting. You will receive a separate link for this in advance that you can use to log back in and continue our meeting. All, or our portion, of this session will once again be sponsored by our member **Mark Hazen** via his Zoom account.

Bring some show and tell items to the meeting, or send photos of them to Calum in advance, and let us see what you have been doing over the past month.

Next month is our Annual General Membership Meeting.

That is about it. Turn some wood, make some shavings and please stay healthy

**Gary Landry** – President

## Show & Tell

### To Core or not to Core: (Said the Crow) - Richard Ford

Here are 2 halves of the same walnut log. The first cored for natural edge bowls and the second for standard flat top bowls. The largest natural edge bowl is 12", And the largest standard flat top bowl is 11"

This is bone dry walnut, very light, that **Dianne** had in her shop for a number of years. The OneWay Easy Coring System made this easy, it cut the walnut like butter.



Coring in this instance provides the potential of 5 bowls, instead of the 2 you would get if you just turned out the center, plus a lot less wood chips.

I don't want you to worry about picking these up **Dianne**, I found someone who is willing to take them off your hands and free up the space in your shop... ☐ ☐

### The old glue blocks back in service..

Here's a Resin & Walnut bowl I'm making with my granddaughter.

It's mounted on a glue block, I haven't used a glue block like this for at least 10 years, it was my goto method at one time. It still works well. (once I'd found my old electric frying pan for the hotmelt glue).

I have half a dozen faceplates like this small one with 1" X 8tpi threads and glue blocks attached. Recently I thought why not turn a dovetail on the outside concentric with the 1" X 8tpi hole to fit in my oneway chuck. Now I can use them on my Powermatic, or a smaller lathe with a 1" X 8tpi headstock...

**Richard....**

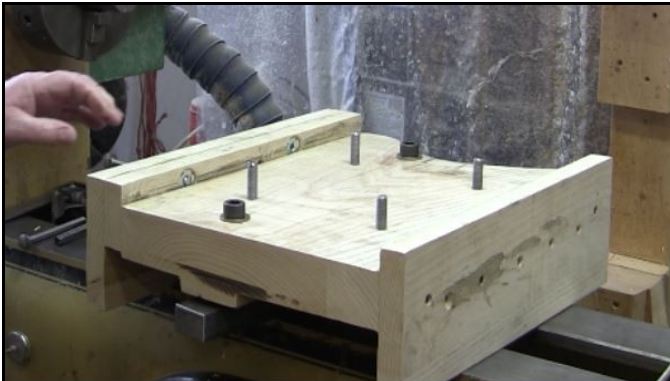
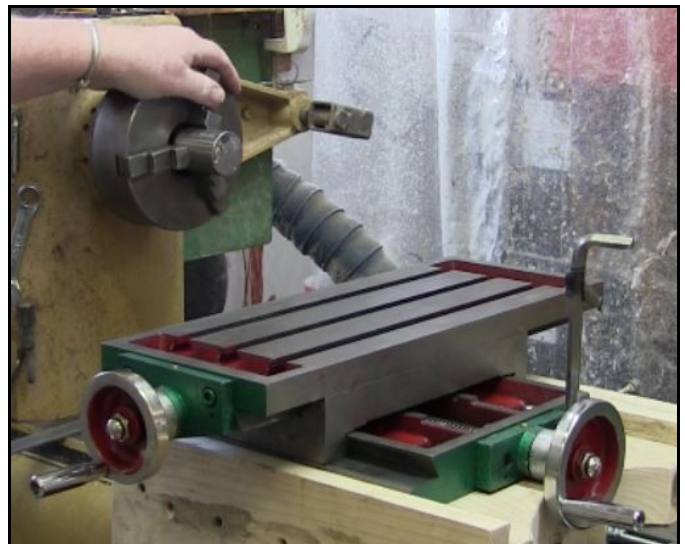
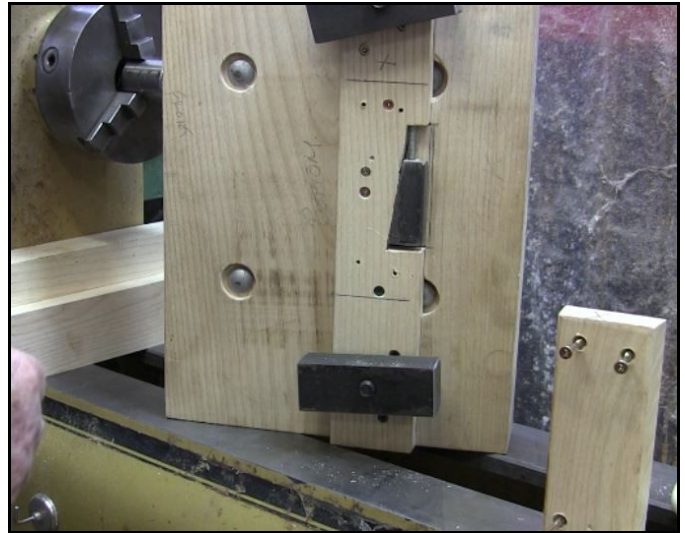
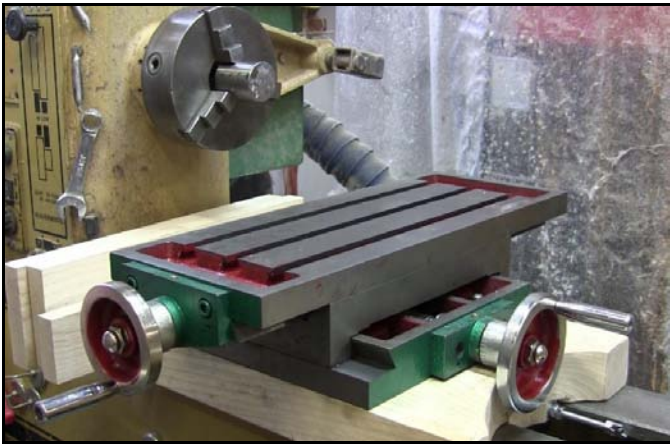


# Show & Tell

## Richard Ford

Inspired, Richard is in the process of mounting a cross-slide to his Powermatic. The job, so far, has included some minor modifications to the slide itself and a mounting system that eliminates side play as well as providing repeatable, secure mounting.

Further developments will include a tool post.



## Show & Tell

### E. Dianne Looker

#### Horizontal rhythm – a video of the kinetic structure.

Some of you might recall that I wrote about the **Women in Turning** (WIT) Exchange exercise I did last year, which I described in an earlier newsletter. And some of you have noticed that the WIT event was written up in a recent issue of the *American Woodturner*, published by the AAW. In that recent article they have a brief write up of all the projects and a photo of the project I did with **Andi Wolfe**. Andi Wolfe is a very talented artist – featured in the latest issue of the *American Woodturner*. I was honoured to have had the chance to work with her.

She has kindly made available a link to a youtube video of our kinetic sculpture in motion.,  
-Horizontal Rhythm

<https://www.youtube.com/watch?v=ZJ6RTTcvsSI>

Those are my “raindrops”; Andi did the rest – the idea, the design, the execution.... Enjoy!



### Don Moore



“Tides Turning” moorewood1@gmail.com  
[www.tideturning.ca](http://www.tideturning.ca)

Show & Tell

Zalman Amit





## Welcoming woodturners

*E. Dianne Looker, May 2022*

Woodturners are a welcoming lot. I learned this many times over in the many years I've been a woodturner. It was especially brought home to me a few years ago when I was on sabbatical in Victoria, BC. This was back in 2009-2010, and I was doing a fair bit of "flat work" back then and only just really getting into woodturning.

I had rented a house near where my sister lives, ensuring that the house had a large enough garage that I could set up a small woodworking shop while I was there. I was heavily into working with hand tools then (having taken several courses at **Rosewood Studios** in Perth, which I highly recommend - <https://www.rosewoodstudio.com/>). I took several hand tools with me and purchased a small, benchtop bandsaw. I searched out a local woodworking club and went to a meeting. They were a large, welcoming group, and at that first meeting asked if there were any new people present. I introduced myself, mentioning that I also did some woodturning. At the mid meeting break several people, headed by **Tim Soutar**, came up to me and said "we have a woodturning group – you should join it as well". And so I did.

I was at a distinct disadvantage however, as I had neither woodturning tools nor lathe with me. Not a problem, it seems. Tim offered me the use of his shop and tools. And I took him up on his kind offer. Then, when I made the occasional trek back to Nova Scotia to deal with graduate students, I returned with woodturning tools in hand.

About mid year, the group exec. made me an even more generous offer. They had a portable lathe which they took to occasional demos. They said I could take it and use it, and they'd retrieve it when and if they needed it for a demo. And so it turned out (so to speak) that I did more woodturning that year than I had done to date. And had a grand time of it.

Just recently (April, 2022) I undertook my first major trip since the pandemic started – and it included time in Victoria with my sister. She was looking for a large salad bowl to give as a birthday gift to one of her sons – a larger bowl than my lathe can accommodate. I had put her in touch with **Tim Soutar**, who makes and sells large bowls, and we arranged to see him when I was there. Check out his website: <https://www.timsoutar.com/>



It was wonderful to see him again, and my sister bought a lovely garry oak bowl. Tim, ever the generous soul, added a free smaller bowl – perfect for her granddaughter, daughter of the birthday son.

Tim and I reminisced about the year I was in Victoria, including a story about the first "shape challenge" I tried that the group there had organized. It was an ogee shape, smooth and flowing.





## Travels With Dianne

Keep in mind that I was still quite a novice then (and not too far beyond that now, truth be told!). They had laser carved templates that they gave to each of us and the goal, I was told, was to turn a bowl that was as close as possible to the cardboard template. Being mathematically trained and a bit of a literalist, I proceeded in my not very skilled turning to get as close as possible to the template. That to me meant a series of tangents. Straight lines, but hey, they touched the template in many places.... Tim had left me alone to turn in peace, but checked back to make sure I didn't need anything. And there I was proudly displaying my shape – a series of straight lines more or less following an ogee shape. The look on his face was something to see. Incredulity and disbelief writ large. "What are you doing, Dianne?!" "I'm getting close to the template", I announced confidently. "But, but, but..." he stammered. "It's supposed to be smooth" (making a smooth flowing motion with his hands). *Smooth. Smooth!* Oh, I thought. Well, they didn't tell me that, did they? ☐ ☐ So, smooth it became – and not touching the template at all. Bah, humbug, harrumpf!



And now we can have a good laugh at it, and I'm always glad to have a chance to bring joy and mirth into someone's life...

And it was ever so good to see Tim again and to be, once again, welcomed into his shop.





## Calendar of Events

Date	Subject	Location
September 19, 2021	Richard Ford Video presentation "Turn a Chess Piece"	Online via Zoom
October 17, 2021	Phil Rose presentation via Zoom Embellishing Techniques	Online via Zoom
November 21, 2021	Competition Show and Tell	Online via Zoom
December 19, 2021	"Things I Have Learned" Submitted videos	Online via Zoom
January 16, 2022	Richard Ford Making Birdhouses	Online via Zoom
February 20, 2022	Richard Ford Making Small Birds for Birdhouses	Online via Zoom
March 20, 2022	Dave McLachlan - Mandrels Types, Uses and Designs	Online via Zoom
April 24, 2022	Kai Muenzer. A Happy Box with Tilted Lid	Online via Zoom
May 15, 2022	Steve Zwerling Sharpening	Online via Zoom
June 12, 2022	AGM	Online via Zoom

(Third Sunday of the month, 1:00 pm.)

### On The Web

Our **Steven Kennard** is once again presented on the web.

<https://canadianwoodworking.com/profiles/steven-kennard/>



# Fun Turn Winners

**Jim Diamond**



**Norm Jolivet**



3 winners, each receiving -  
A **Halifax Specialty Hardwoods** \$25 certificate

**Gary Landry**

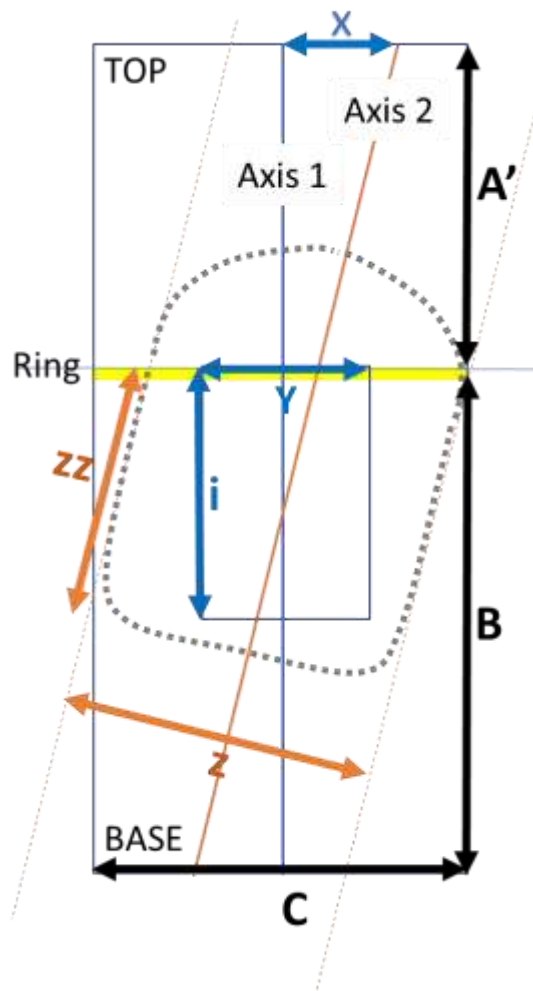
Instructions can be found at [https://www.pennstateind.com/library/BBAT\\_ins.pdf](https://www.pennstateind.com/library/BBAT_ins.pdf)



## Box with tilted Lid



The curious observer is invited to open lid from the box. A decorative ring enhances the tilted angle of the interface between the box and its lid. The inside cylinder of the box is turned along a tilted axis to the outside of the box. This project is an exercise in 'turning-to-numbers'.



The nomenclature in the text follows that of the sketch to the side. Dimensions and turning parameters for a box with tilted lid can be computed using the link for turners at

<https://kaimuenzer.com/Woodwork/tilted-lid-box-calculations-for-turners-happy-boxes/>. The dimensions of the demo/class box are based on the attached figures.

Select a dry square blank with the grain running along the long axis. The diameter should be about 30%-50% wider than the desired final box diameter. Select a tilt angle, 12 - 18 degrees work well for these boxes. Prior to turning, the blank is cut and a decorative slab is inserted at (B) and glued to both sides (carpenters glue). The direction of grain of the slab should follow the one of the blank.

Mark the center of the blank on the end-grain on both sides (1<sup>st</sup> axis). Mark the off-center for the direction of the 2<sup>nd</sup> axis on opposite sides (X) with a locating hole. As with spindle turning mount the blank along its centers (1<sup>st</sup> axis). As far as turning tools, use the same familiar gauges and scrapers as for a conventional box turning. Rough

the blank into a cylinder with at minimum a (C) diameter. Turn the spigots tailored to your jaw chuck at both sides. The spigots must not interfere with the marks of the off-center (2<sup>nd</sup>) axis. Mark a line parallel to the lathe axis across the decorative slab with a pencil and avoid erasing it(!). Part the blank between (A) and (B), just above the decorative ring into BASE and TOP.

Mount the BASE to your chuck. Clean the parting cut with your favorite tool and mark the inside diameter (Y). Core the inside to the depth of (I) and to the width of (Y). As with conventional box turning, the opening should be turned nicely square to allow a proper fit for the TOP later. Sand and finish the inside of the box.

Mount the TOP to your chuck and clean the parting cut. Turn a top that fits tight into the BASE.

Fit the TOP and the BASE at the pencil mark established earlier. Clamp the blank at the 2<sup>nd</sup> axis (X) with the TOP towards the drive side of the lathe. A small diameter step center drive works well for the offset clamping. Turn the blank aiming to be lathe parallel and without offset gap just around the width of the tilted opening of the box, highlighted by the decorative ring. End with a diameter of (Z) at the tail stock side of the opening.

You want to shape the TOP side so that the box opening, specifically the decorative ring, will be symmetric - after lifting the lid from the box. The final shaping cuts will be slightly above the decorative ring at its most drive center distant side.

Occasionally open the box and check for the symmetry of the ring. Establish the shape of the TOP along the entire width of the opening and leave the rest of the turning of the TOP for later.

The bottom length of the BASE is given by (ZZ) and measured from the drive center distant side of the decorative ring. Turn a spigot that fits your chuck just away from (ZZ) with space for parting the BASE later.

Chuck the box at the BASE with the TOP still attached and finalize the TOP. Sand and finish and part the box. Note that afterwards you will not be able to further turn the bottom of the BASE.

A decorative position at the TOP for mounting a separately turned knob or a finial is along the 1<sup>st</sup> axis of turning. You can find that position and optionally drill a small hole if you build and mount a jam chuck that fit the tenon of the TOP.

The description above assumes prior experience with box turning. Various techniques are available in classes and online with AAW. Enjoy the challenge!

# Dimensions for Box with tilted Lid - metric, inch

## Your box blank

Box Blank length, A+B	A+B	110 mm	4 5/16 inch
Box Blank, Outer Diameter C	C	75 mm	2 15/16 inch
Tilt angle , suggested range 12 - 22 degrees	Decisions	15 degrees	15 degrees
Wall thickness, min		5 mm	3/16 inch
Parting tool width		3 mm	2/16 inch
Box fitting tenon, length		9 mm	6/16 inch
Box Base height B [mm], $B > (A+B)/2$	B	67 mm	2 10/16 inch

## Calculations

TOP A' (length does not include width for parting and tenon)	A'	31 mm	1 4/16 inch
Insert maximum depth, i	i	36 mm	1 7/16 inch
Gap between both turning axis at both sides of blank, X	X	13 mm	8/16 inch
Inside diameter, Y	Y	47 mm	1 14/16 inch
Outside diameter, Z	Z	64 mm	2 8/16 inch
Minimum Box height, without lid, ZZ	ZZ	40 mm	1 9/16 inch
Recommended box height	H	63 mm	2 8/16 inch

## Nova Woodturners' Guild – 2021/22 Executive

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

<address>@novawoodturnersguild.com

<b>Position</b>	<address>		
<b>Executive</b>	executive (sends the message to all executive positions on the list)		
<b>President</b>	president (or) pres	Gary Landry	
<b>Vice President</b>	vice-president (or) vp	Bill Maes	
<b>Secretary</b>	secretary	Calum Ewing	
<b>Treasurer</b>	treasurer	Dave McLachlan	
<b>Director at Large</b>	director-at-large	Brian Sharp	
<b>Committees</b>			
<b>Library</b>	library	Jim Diamond Richard Ford	<b>C</b>
<b>Web Site</b>	webmaster	Richard Ford	<b>C</b>
<b>Membership &amp; Promotion</b>	membership	<b>Vacant</b>	<b>C</b>
<b>Newsletter</b>	newsletter (or) news	Norm Jolivet	<b>C</b>
<b>Competition</b>	competition	<b>Vacant</b>	<b>C</b>
<b>Guild Photographer</b>	photographer (or) photos	Chris Palmer	
<b>Fund Raising</b>	Raffles	Norm Jolivet Yogi Gutz	<b>C</b>
<b>Nominating</b>	nominations	Bill Maes	<b>C</b>
<b>Members Group</b>	members	30+ members	

To add or remove yourself from the group email: [webmaster@novawoodturnersguild.com](mailto:webmaster@novawoodturnersguild.com)

Note: to email all NWG members you must go via the club secretary.