



GREATER VANCOUVER WOODTURNERS GUILD

CHAPTER 130 OF THE AMERICAN ASSOCIATION OF WOODTURNERS



Table of Contents:

Editor's Notes	2
It's Our Turn	3
A Closer Look	4
Focus On Fundamentals	6
Beads Of Courage	7
Turning Pepper Mills with Claudia Hawyard	8
Instant Gallery	9
Present's Challenge Gallery	11
Turning 101	12
Calendar of Events	13
GVWG Officers, Appointees & Volun- teers	14

Special points of interest:

- Next Meeting:
Wednesday,
June 22 at 6:30
PM, Sapperton
Hall, 318 Keary
St, New West
- Main Event:
Bruce Campbell –
Applying Metal
Foil to Wood
- FoF Speaker:
Marco Berera –
Skewing Around
- Food Providers:
Kees Hof
Dan Hogan
Donna Holmquist
Dennis Houle
Bill Howorth
Keith Hudson
- Greeters:
Keith Evans
Steve Fairbairn
Bill Fowle
Cathy Friesen
Dan Gadassi
Michael-Robin
Gardner
- President's Chal-
lenge June:
Platters
- President's Chal-
lenge September:
TBA

Editor's Notes

Bruce Campbell

It has been a busy month for the Guild with the opening of our Its Our Turn exhibition at The Gallery in Queens Park. Read below about the opening and the impact our demonstrations had on the public. One of the pieces in that show is the feature of the Closer Look column and our usual Focus on Fundamental column deals with sanding techniques. And we record the excellent presentation on Pepper Mill turning from Claudia Hawyard.

Just a reminder that the Presidents Challenge this month is "Platters". The summer challenge will be announced at the meeting.

The annual AAW Symposium, held in Atlanta this year, has come and gone. As an AAW Board member, Art Leistman attended as did several other members. If you want to know more chat with them at the meeting.

The remains of Don Hoskin's wood cache will be at the meeting and will be raffled off in the usual way. Be sure to bring your loonies and toonie so you can get in on the action.

The Beads of Courage campaign continues and is gaining momentum. Review the article below for more information.

And finally, just a reminder that this is our last meeting until September, 28th. I hope everyone has a safe and shaving-filled summer.

Bruce Campbell Robert Carlson

Bruce Campbell, editor and Robert Carlson, publisher

*Front Cover:
Steve Hansen
Totem*

It's Our Turn: The Art of the Turned Wooden Form

By Cathy Friesen

On Wednesday, June 1st our exhibit at Queen's Park kicked off to a great start with a well-attended opening at the Gallery in Queens Park. Gallery staff did a great job of setting up the display in a way that complimented our pieces within the limited space available (see photos).

The June 4th demonstrations in the nearby Bandstand were very popular thanks to all our volunteers who demonstrated turning, embellishing and chatted with spectators about the craft. Children were given the opportunity to help build whistles which they then took home. Before long whistle toots could be heard from all over the park. The weather looks like it will cooperate for our final demonstration day on June 18th.

The GVWG Exhibit at the Gallery at Queen's Park continues until 5:00 p.m. Sunday, June 26th. It's a wonderful opportunity to show your family and friends what the art form and our guild are all about. We hope you find some time to come and check it out.

For more information you can visit the gallery website at <http://artscouncilnewwest.org/category/gallery-exhibit/>

For those turners who have submitted pieces to the show, don't forget to come to the gallery between 5:00-6:00 p.m. on Sunday, June 26th to retrieve your art work.



A Closer Look

by Bruce Campbell

Steve Hansen entertained us recently with his “Turning Frog” where we were introduced to his innovative and imaginative turning process. But I was quite unprepared for the piece that he submitted to our It’s Our Turn exhibition earlier this month. The nearly five foot totem-like yellow cedar sculpture is in four parts, each turned on multiple axes and expertly finished. Most turners can usually take one look at a piece and know how it was done. That is not the case here. The ingenuity needed to make this piece is clearly outside the mindset of most turners.

In a way, how a piece is made is quite irrelevant. But, in this case I felt compelled to ask Steve for more details as we take a closer look at this remarkable piece.

The begin, the piece of wood has a bit of history. Well known Squamish Woodturner, Martin Thorne retired and sold off his extensive wood cache. Steve purchased the yellow cedar log for this piece from Martin. That was several years ago so I am sure that the log sat in Steve’s shop while he pondered what to do with it.



(a)

Step 1 – Steve split the log in two and then mounted it between centers on his home-built lathe using face-plates to hold it together. (Fig (b)) Note the quintessen-



(b)

tially Canadian curling rock handle on the tailstock. He turned and sanded the entire length and then parted them into the four sections of the piece. (Fig (c) and (d))



(c)



(d)

(Continued on page 5)

(Continued from page 4)

Step 2 – Now Steve brings out the big gun – a complex cross bar contraption with sliding end brackets that grip the wood at a 90 degree angle to the original rotation. (Fig (e),(f),(g)) He uses this configuration to turn the back of each piece pretty well in the center of mass. But then he manipulated the pieces off this center and even pitched them in order to create new centers for

each of the features. The face is probably the most complex where three highly eccentric centers were used to create the mouth and the eyes. Notice the weight attached to the far end of the cross bar to act as a counter-balance. All tooling and sanding for each of these areas needs to be completed before going on to the next part.

Once the pieces were turned they were skillfully assembled on to a large wooden disc and the now infamous “hair” was added.

Even knowing the process for making this piece I remain in admiration of the composition and expression shown in the work.



(e)



(f)



(g)

Free Lathe

Small lathe for free for whom ever wants it.
Step pulley has some damage and needs to be clamped at the end.

Contact Ron at ron.hadar.ca@gmail.com



FOF: Fundamentals of Sanding

by Bruce Campbell

Reviewing back issues of our newsletter I found a number of excellent articles on sanding and I recommend a quick review of them if you are interested in improving your results. What I present below is some rehash and some personal ideas added in.

Woodturners have somewhat more sophisticated needs for sandpaper than do other woodworkers. We want flexible, waterproof, and consistent abrasives. For this FEPA grade abrasives work very well (see our Sept 2002 newsletter for a more complete discussion of abrasive grades <http://gywg.ca/docs/Newsletter2002/Sep2002.pdf>) Hermes J-Flex is one abrasive that meets all our needs. It is cloth-backed and comes in 10 yard rolls 2" wide. Another is SIA foam-backed abrasives that come in sheets. Both may be used for wet sanding with water or oil. For finer abrasives (600 grit and higher) consider sheet goods from automotive suppliers used when repainting cars. They can be excellent quality and reasonably priced but are usually paper-backed and not applicable for sanding with water or oil.

Sanding can be a daunting task but it can be made much easier with four principles:

- Start with the "right" grit
- Use the 50% RULE of sanding
- Clean between grits
- Don't use worn-out abrasives

Start with the "right" grit: The "right" grit is that grit that will smooth the surface to a uniform surface in the shortest time. We could choose to always start with 220 grit but if the surface is very rough it could take weeks and many sheets of abrasive to get a uniform surface. But, using 80 grit that same surface could be uniformly smooth in 60 seconds.

Use the 50% Rule: Once a surface is uniformly

smooth it is time to go on to the next grit. The popular 50% Rule says the next grit should be no more than 50% finer than the last grit. For example, if the last grit was 100 then next grit should be no finer than $100 * 1.5 = 150$ grit. The 50% rule cannot be followed exactly because grits are not made in the exact increments dictated by the rule. So we take the "closest" grit instead:

50% Rule – 100, 150, 225, 337, 505 Nearest fit – 100, 150, 220, 320, 400

50% Rule – 80, 120, 180, 270, 405 Nearest fit – 80, 120, 180, 240, 400

I find it more effective to take smaller steps in the lower grits rather than following the maximums that the 50% Rule suggests. My preferred steps are 80, 100, 120, 150, 200, 320, 400. Note that I have added 2 grits taking 7 steps instead of 5 as shown above. Yet, I find I can move more quickly through those grits to get to the final sanded surface.

Clean between grits: During the sanding process pieces of abrasive break off from the backing and get mixed in with the sanding dust. If these are not removed before going on to the next grit they will continue to scratch the surface as the next grit is used resulting in a much inferior finish.

To clean between grits first stop the lathe and then wipe the surface with a clean, damp cloth or tack cloth. If you have a compressor you can blow the surface clean instead.

Don't use worn-out abrasives: English woodturner Stuart Batty says, "Use sandpaper like someone else is paying for it." Once the particles get dull the abrasive will no longer "cut" the surface and you end up burnishing the surface. Check the abrasive regularly and watch the dust coming off the surface. If the paper clogs or dust no longer plumes off the surface that part of the abrasive is spent and it is time to move on. Once all of the areas of that piece have been used throw it away and get a new one.

(Continued from page 6)

Wet Sanding: An effective way to control dust when sanding is to wet sand. This can be done with water or oil. Simply “wet” the surface and sand as usual. I keep a soft wire brush on hand to brush out the slurry from the abrasive. I also keep a pot of water/oil at the lathe and dip the abrasive in it frequently. When using water I tend to stop dipping the abrasive after 220 grit and allow the surface to dry. And when I have reached 400 I will wet the surface and let it air dry completely. Then

I do the final sanding starting at 400 and continuing to the desired grit.

One note about wet sanding - once you start using oil you will need to settle with an oil-based finish at the end. Using water leaves you with the option to use any finish.

I hope these quick suggestions help you to improve the results you get from your sanding. And always remember that once it is done no one but you knows what grit you started at.



Great News For Beads Of Courage

We now have our funding done for BC Children's Hospital.

After a few setbacks with funders from Victoria dropping out, we were able to find funding from an established BC company and family. Documents are not public yet but we are proud to have them on board. More on that soon.

The Miracle Weekend Telethon on Global last week will be the last one you see without children wearing beads. This new year, BOC will be touching the hearts of 750 children and their families at BC Children's. This is where the Greater Vancouver Woodturners Guild can share in touching these children's hearts by making bowls to store their beads in.

The bowl should have approx. 6 inch by 6 inch volume. Can be any shape you create.

Remember that we have to safeguard the children's health so we cannot use Tung / Walnut / Teak oils as a finish unless we final coat them with Wipe On Poly / Lacquer / Varathane / etc. Also remember these will be handled by children and their siblings so they need to be “sturdyish”.

What is made in BC, now stays in BC.

After several discussions with BOC in the USA, we now do not have to send bowls to Alberta. Now everything we make here will go to BC Children's. We need to make bowls for the official launch at the hospital. Everyone can bring bowls to the guild meetings and during the summer I can even pick them up. From experience the hospitals already doing BOC already do not want numerous turners showing up randomly. They only want dedicated people that know the procedure.

I was thinking that we do a two person tag team at first so people know what doors to use, what hours to show up, who to see etc, then one drops back and let a new bowl contributor be the second person. Then repeat this so any bowl contributors that want to deliver bowls,



Beads of Courage at the Atlanta Symposium

have a chance to. That is my hope anyway.

Kurt Hertzog sent me this picture of the Symposium in Atlanta. Over 800 bowls were collected for BOC in the USA. Note some are even actual square boxes.

Bowl Donations

Don't forget to fill out your donation forms so if a child wants to send you a thank you note, it can get back to you.

The form is at the link;

<http://www.beadsofcourage.ca/artist-donations>

Happy Turning For A Cause

Turning Pepper Mills with Claudia Hawyard

By Bruce Campbell

Claudia is a long-time member of the Guild and is a commercial woodworker. She is a frequent participant in the famous Circle Craft Christmas Show and her work can be found in various shops around the lower mainland. The topic of her excellent presentation was turning pepper/salt mills.

Turning pepper mills is a fun project for any turner but the process takes on a new dimension when you are doing it for commercial sale. The finish must be durable and Claudia emphasised the three "S"s – Shiny Stuff Sells.

When turning more than one mill it pays to purchase top-end tools and to create jigs and patterns to speed up the process and minimize waste. Also, an underpinning of safety needs to infuse everything we do.

Claudia pointed out that she purchased several very good Forstner bits of the size she needed rather than using those in a set. They simply work better. She also elected to use more expensive ceramic mechanisms in her pieces. Again, because they work better and last longer. They also have the advantage to being rust-proof so they will serve both as salt and as pepper mills.

For her demo Claudia used straight-grain maple but favours highly figured maple in her commercial products. She starts off mounting the work between centers, roughs it round with a bowl gouge and cuts a tenon on each end. She then lays out the joint, often using one third for the top and two



thirds for the body and then parts the pieces on that line. Starting with the instruction that come with the mill mechanism, she has worked out a drilling sequence that allows her to be both efficient and safe.

Here is what Claudia wrote in the AAW Forum recently:

After several mills I've learned a couple of tips. Drill the main shaft to 1" only then enlarge the opening slightly just to fit the plastic insert. The 1 1/16" they suggest gives too much slop. I found it an interesting exercise to drill out a scrap piece of wood according to the directions then cut it in half lengthwise. That way you can see what is happening when you insert the mill. I've made a tool to cut a groove for the tabs to sit in. I've also had problems with the plastic tops coming loose and the aluminum shaft snapping when the customer used hard sea salt. You might also check out www.crushgrind.ca There are some good directions on that website.

Claudia showed us two designs, one where the top and bottom are turned separately and another where they are joined together and turned at the same time. She prefers the second method as she can quickly see that the top and bottom are nicely matched. The other method requires some trial and error to get the same harmony between the pieces.

The central drive post of the CrushGrind mechanisms must be cut to length to assemble and Claudia showed us a simple jig for calculating where to cut the post. After that, it is time for finishing which she does off the lathe with many coats of hand-applied WipeOn Poly.

Many thanks to Claudia for her informative and well-organized demo even with the burden of leaving a key bit of hardware at home.

Instant Gallery

May 25



Jay & Lin Mapson - Vine Rim Bowl - 8 in x 2.5 in - Maple - WOP



Chris Stiles - Wing Bowl - 17 in x 2 in - Oak - Tung Oil



Jay & Lin Mapson - Bird Bowl - 7 in x 2.5 in - Maple - WOP



Jay & Lin Mapson - Spatula - 11 in - Cherry - Tung Oil



Chris Stiles - Travel Mug - 3.25 in x 7.5 in - Cherry - WOP



Jim Johnson - Beads of Courage Box



Keith Hudson - Bowl - 5.75 in x 3 in - Black Locust & Yellow Plastic - Saman Varnish



Keith Hudson - Bowl - 9.25 in x 2.25 in - Maple Burl - Saman Varnish

Instant Gallery

May 25



Pat Driscoll - Bowl - 6.75 in x 6 in - Berlinia - WOP



Pat Driscoll - Vase - 3.75 in - 5.25 in - Dogwood - WOP



Pat Driscoll - Bowl - 6 in x 4.5 in - Dogwood & Resin - WOP



Pat Driscoll - Bowl - 4.5 in x 4 in - Dogwood & Resin - WOP



Marney Smithies - Pen - Plum - 2 Part Wax



Pat Driscoll - Vase - 5.625 in x 7.5 in - Berlinia - WOP

Present's Challenge Gallery



Jay & Lin Mapson - Spatula 2 - 11 in - Cherry - Tung Oil



Bruce Campbell - Vessel - 6 in x 7 in - Arbutus - Ink

Turning 101



Cathy Nakagawa - Gavel - Maple - Walnut Oil

Home Built Lathe for Sale

Built by Ed Pretty and was his main lathe before he bought his Oneway.

Asking \$360

Contact Ron at ron.hadar.ca@gmail.com



Calendar of Events 2016

Date	Time	Location	Event
Jan 9	9AM – 4PM	KMS Tools	Turning 101 – TBA Instructor: TBA
27 Jan	6:30 P.M.	Sapperton Hall	Club Meeting FoF – Bruce Campbell – All About Tools Main Speaker - Barry Wilkinson – Square Bowls
Feb 13	9AM – 4PM	KMS Tools	Turning 101 – cancelled due to Hasoluk Demo Instructor: TBA
Feb 20	9AM – 4PM	Sapperton Hall	Michael Hosaluk – all-day demo
Feb 21	9AM – 4PM	KMS Tools	Michael Hosaluk – hands-on class
Feb 25	6:30 P.M.	Sapperton Hall	Club Meeting FoF – Jay Mapson – Turned Boxes Main Speaker – Bob Askew - Nutcracker
Mar 12	9AM – 4PM	KMS Tools	Turning 101 – Turning Fruit Instructor: TBA
Mar 12	9AM – 4PM	Sapperton Hall	Steven Kennard – all-day demo
Mar 13	9AM – 4PM	KMS Tools	Steven Kennard – hands-on class
Mar 23	6:30 P.M.	Sapperton Hall	Club Meeting FoF – Ed Pretty – Holdling with Jam Chucks Main Speaker - Bill Fowle – Putting a picture on Wood
Apr 09	9AM – 4PM	KMS Tools	Turning 101 – Turning a Fruit Dish Instructor: TBA
Apr 27	6:30 P.M.	Sapperton Hall	Club Meeting FoF – Al Cusworth – Tenons and Recesses Main Speaker - Steve Hansen - Turning with Frog
May 14	9AM – 4PM	KMS Tools	Turning 101 – Turning a Desk Clock Instuctor: TBA
May 25	6:30 P.M.	Sapperton Hall	Club Meeting FoF – Peter Blair - Sanding Main Speaker - Claudia Haywood - Peppermill
May 28	9AM – 4PM	Sapperton Hall	Kurt Hertzog – all-day demo
May 29	9AM – 4PM	KMS Tools	Kurt Hertzog – hands-on class
May 29	6PM-7PM	Gallery in the Park, Queens Park	drop-off of Gallery pieces
June 1	6PM – 8PM	Gallery in the Park, Queens Park	It's Our Turn, Opening Reception
June 1-26	Wed-Sun	Gallery in the Park, Queens Park	It's Our Turn exhibition. Bring your friends and family
Jun 9-12	All days	Atlanta, GA	30 th AAW Annual Woodturning Symposium
Jun 22	6:30 P.M.	Sapperton Hall	Club Meeting FoF – Marco Berera – Skewing Around Main Speaker – Bruce Campbell – Metal Leaf Gilding
Sept 24	9AM – 4PM	Sapperton Hall	Michael Blankenship – all-day demo
Sept 28	6:30 P.M.	Sapperton Hall	Club Meeting FoF – tba Main Speaker - tba
Oct 8	9AM – 4PM	KMS Tools tentative	Turning 101 – tba Instuctor: tba
Oct 26	6:30 P.M.	Sapperton Hall	Club Meeting FoF – tba Main Speaker - tba
Nov 12	9AM – 4PM	KMS Tools tentative	Turning 101 – tba Instuctor: tba
Nov 23	6:30 P.M.	Sapperton Hall	Club Meeting FoF – tba Main Speaker - tba

Special points of interest:

- Next Meeting:
Wednesday, June 22 at 6:30 PM,
Sapperton Hall,
318 Keary St, New West
- Main Event:
Bruce Campbell –
Applying Metal Foils to Wood

FoF Speaker:
Marco Berera –
Skewing Around
- Food Providers:
Kees Hof
Dan Hogan
Donna Holmquist
Dennis Houle
Bill Howorth
Keith Hudson
- Greeters:
Keith Evans
Steve Fairbairn
Bill Fowle
Cathy Friesen
Dan Gadassi
Michael-Robin Gardner
- President's Challenge June:
Platters
- President's Challenge September:
TBA

GVWG Officers, Appointees & Volunteers

President:	Bill Fowle	604.466.2150 president@gvwg.ca
Vice President:	Dan Breck	604.597.0027 communications@gvwg.ca
Secretary:	Des Wilson	secretary@gvwg.ca
Treasurer:	Barry Wilkinson	604.536.6870
Members At Large:	Tom Byrom Brian Lunt Claudia Hayward Bob James Cathy Nakagawa John Spitters	604.929.1766 604.942.3928 604.462.7597 778.783.0098
Educational Coordinator:	Larry Stevenson	604.940.9760
Librarian:	Gerry Vickers	604.463.0760
Food Chief:	TBD	
FOF Coordinator:	Phil Vetra	604.530.5158
Turning 101:	Gerry Vickers	604.463.0760
Newsletter:	Editor Bruce Campbell	604.944.3028 editor@gvwg.ca
	Publisher Robert Carlson	604 430 1866
Digital Photography:	Dennis Cloutier	
Webmaster:	Steve Hansen	604.585.0638 webmaster@gvwg.ca

