



GOLDEN HORSESHOE WOODTURNERS GUILD

150<sup>th</sup> Chapter of the AAW

# THE CHIP FLYER

## Golden Horseshoe Woodturners Guild Newsletter

No. 96

March 2005

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### Program Night

- 17 Mar John Calver, of the Thames Valley Woodturners in London will demonstrate fluting techniques on platters and bowls.
- 21 Apr Andrew Turnbull, one of our own members "Therming: not for the faint of heart"
- 19 May Competition, Speaker to be announced.
- Mike Brazeau

### Jimmy Clewes Demonstration

**Friday, April 29, 2005, 7 PM**

**Knights of Columbus Hall, Burlington**

**J**immy Clewes is British turner with a formal education in furniture design and 20 years of practical experience in the aspects of woodworking. He is an instructor for Craft Supplies UK as well as teaching woodturning at various levels in his own studio.

More information about Jimmy can be found at

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

**J**ohn at Woodchuckers [www.woodchuckers.com](http://www.woodchuckers.com) is covering the fee for the demonstration. John will have copies of Jimmy's new DVD/Video "Turnaround" available at a good price. There will be a \$5 charge at the door to cover our rental cost for the hall and anything collected above that will go to our guild programs.

Mike Brazeau

### Hands On

- 10 Mar** (Think Tank) Bring your turned pipe, yes, the kind you smoke. This is rather unusual, but that is the "raison d'être" for the Think Tank". You can search the internet, it has lots of info on turning pipes, including shapes. We might even try them out with some good tobacco.
- 14 Apr** (Demonstration) Robin Le Sage will demonstrate how to make mosquito houses. Bring your tools if you want to give it a try.
- 12 May** (Think Tank) How many music instruments can you make using a lathe and a little bit of wood? Stick, maracas, musical bowl, flute, drum, Crum Horn? Bring your creation and we can try it out.
- 09 Jun** (Demonstration) To inspire you for the summer, and the Think Tank in September, Kevin Gillespie will show us his technique on lidded boxes.
- 8 Sep** (Think Tank) Bring your lidded boxes, big, small or round.
- 13 Oct** (Demonstration) Dave Page will show us how to make one of his best crowd pleasers, a top and launcher. Another great idea for Christmas.
- 10 Nov** (Think Tank) This is turning into some kind of a tradition, bring your latest Christmas ornaments ideas to inspire your compatriot.

Robin Le Sage

## President's Message

Once again I speak proudly of the capabilities demonstrated by our members and the strength of our GHWG. At our February Hands-On, Joanne Hallman came to the evening more than thoroughly equipped to teach about turning Wine Bottle Stoppers. She must have had over twenty blanks prepared for wine stoppers and gave a tremendous instructional session. After Joanne finished, it was good to see members take the initiative and started turning. Many times we have had a midi lathe available during Hands-On and it has sat there unused. I think that the format of the evening set a precedent that is worth picking up on. Hands-On is intended to be a less formal evening, where you can learn from trying in the presence of others and just picking up information through conversation. If you can think of other projects that can be completed in a reasonably short time, and would allow some others to immediately do, please pass the

information along to Robin Lesage.

The presentations on finishing conducted by Eugen Schlaak, Glenn Mott and Malcolm Cumming were nothing short of fantastic. Each of them came fully prepared with lots of props and a seemingly endless amount of knowledge to pass on to us in a relatively short time. I know we went past a few people's bedtime, but it was an excellent evening. I am looking forward to seeing the results on the Show & Tell table soon.

Our Spring Competition is coming up in May. For those that are new to the guild and competitions, don't hesitate to ask any of the executive or other members about it. Full details are elsewhere in this issue. Lets all get our best efforts started so we can make it difficult for the judges and look forward to a good showing.

Mike Brazeau

## Protecting Personal Information

The Golden Horseshoe Woodturning Guild, as an organization, has an obligation to its members to protect their personal information. This is good policy, but it is now also the law. In order for us to comply, we need to have a written policy, which will govern the use and distribution of personal information. The following is the policy adopted by the executive. If you have any concerns with this please see Al Murphy.

The GHWG collects personal information for the purpose of distributing the Chip Flyer and keeping members informed about activities at the Guild. This information includes name, address, phone number and email address.

This information will only be used for official GHWG business by the Executive

and will not be distributed outside the general membership. The membership secretary will maintain this information for 2 years after your membership has lapsed. A list of previous members will be maintained for historical purposes. By providing us with this information, members are granting permission to use this information only for the above stated purposes. You can opt out of the general distribution list by advising the membership secretary of your wishes, in writing. Anyone can access their personal information for the purpose of updating and correcting it. Complaints can be addressed to the membership secretary about the collection and use of this information.

Al Murphy

## [GHWG Market Place](#)

### **FOR SALE—Ken Goldspink 519-396-3787**

Collection of American Woodworker Magazines: Issues start with #24 Feb 1992 through until issue #82 October 2000. (Issue #48 Buyers Guide 1996 is Missing) Each issue cost \$4.95 Cdn, 57 issues now for sale at \$100.00 Cdn.

**E-mail: [kengold@bmts.com](mailto:kengold@bmts.com)**

2005-04

### **FOR SALE— Guy Mechan 905-336-8549**

Carbatec Lathe with ¼ HP motor 2 live centres and mandrel, 6" tool rest, drill chuck, \$200.00

Record CL-3 lathe with bowl turning attachment, mounted to workbench \$1,000.00

Woodturning blanks, various hardwoods such as walnut, cherry, mulberry maple etc

2005-04

### **FOR SALE—Ken Goldspink 519-396-3787**

Ryobi Variable Speed Plunge Router. 1.3/4hp Model # RE 175. This router is as new having never been used. Also included with the router is a router table top insert made by the Rousseau Company which is still in its sealed plastic packing complete with the installation kit. The insert measures 9"x12" and is made of 3/8" thick super strong phenolic. The original sales price of \$49 99 is still attached. The Router and Router Table Insert are yours for a total of \$100.00.

**E-mail: [kengold@bmts.com](mailto:kengold@bmts.com)**

2005-04

The Marketplace Column is a free service for all Guild members. Woodturning, woodworking or related items are welcome for the Sale and Wanted Sections. Contact: Frank Luet at [frank.luet@sympatico.ca](mailto:frank.luet@sympatico.ca) or phone (905) 847-7339. Items appear in this column for two consecutive months, or extended by request. If you sell your item, please let us know

## [Christmas Toy Donation to McMaster Children's Hospital](#)



*Robin Le Sage, Leonard Kaufman  
and hospital staff  
with the GHWG Toy Wagon*

## [Raffle Table Annoucement](#)

**F**or every item that you bring for the monthly raffle table you get a chance to win a 20\$ Dollar gift certificate from the sponsor of your choice.

### **Sponsors**

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**D**on't forget to bring good sound wood, magazines, books, tools, finishing products etc. Always the same great price 1 ticket for 2 dollars or 3 tickets for 5 dollars. The proceeds help to pay the rent for your club, thank you and good luck

**W**e received a letter of thanks from the hospital, I have reformatted it slightly and included the verbatim text on page 10 of the newsletter.

Frank Luet

Robin Le Sage

## Rules and Prizes

### GHWG Spring 2005 Competition

All entrants must submit an entry form together with \$5 for each entry to the competition chairman, at least 1 week before the competition is to be judged.

1. A piece which has been entered in another guild competition or any Provincial, National, or International competition is not eligible for entry in a G.H.W.G. competition.
2. An entry must have been completed no more than 1 year prior to the date of entry of the current G.H.W.G. competition.
3. A competitor may enter 1 or more pieces in any one class.
4. In any one competition a theme or terms of reference will be established and all entries must meet the requirements of the theme and terms of reference.
5. If desired, entries may be accompanied by an approx. 1" x 3" place card which indicates the title of the piece. Such a card showing "Untitled" would be accepted as the title. There should be no identification or name of the participant either on the place card or on the actual piece. If the name of competitor is signed on the piece, the name must be covered or the piece will be disqualified.
6. Each entry will be assigned a competition number and be exhibited in the appropriate class.
7. A competitor who is unsure of which class to compete in, should consult with the competition chairman, before completing the entry form.
8. All entries must have been substantially turned on a lathe. Finishing should be of high quality and may include dye, stain, paint, lacquer, oil, wax or any other suitable finishing product.

#### Awards

|                     |     |       |
|---------------------|-----|-------|
| <b>Novice</b>       | 1st | \$ 50 |
|                     | 2nd | \$ 30 |
|                     | 3rd | \$ 20 |
| <b>Intermediate</b> | 1st | \$ 50 |
|                     | 2nd | \$ 30 |
|                     | 3rd | \$ 20 |
| <b>Open</b>         | 1st | \$ 50 |
|                     | 2nd | \$ 30 |
|                     | 3rd | \$ 20 |

**Turner's Choice** - \$ 50 Open to competitors from all classes **as selected by GHWG members in attendance using a ballot.** (Only one Turner's Choice would be awarded)

**Creativity Award** - \$ 50 Open to competitors from all classes. To be selected by the judges for the piece showing the highest degree of creative use of the wood characteristics and other materials if used, finishing techniques and overall design.

**Josh Pichanick award for Most Promising Novice** - \$50 Selected by members of the GHWG in attendance by ballot. (Only one Josh Pichanick award will be awarded)

Judges appointed for the competition would determine the winners of the awards for all classes. If there are not enough entries in each class, the number of prizes may be reduced at the discretion of the competition chairman.

## SPRING 2005 COMPETITION ENTRY FORM

Date of competition: May 19, 2005

### Theme of competition:

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 there of.

Name: \_\_\_\_\_

GHWG Membership # \_\_\_\_\_

Date: \_\_\_\_\_

There are 3 classes for entry. Please check the class you are entering.

NOVICE (Turning 2 years or less) \_\_\_\_\_

INTERMEDIATE (Turning more than 2 and less than 7 years) \_\_\_\_\_

OPEN (All are free to submit an entry) \_\_\_\_\_

**Note: Any member that has won a competition class, automatically moves up into the next competition level.**

**Entry fee:** The entry fee for each piece entered is \$5.00

This completed entry form and the fee must be submitted and in the hands of the competition chairman by May 12, 2005

### Competition Chairman and Adjudicator:

Kevin Gillespie Tel. 416-238-5418 [kagillesp@yahoo.ca](mailto:kagillesp@yahoo.ca)

### George Daer Retires from Executive

George Daer has resigned as Treasurer of the guild effective March 2, 2005. Fortunately for us, George recruited an able and willing member to take his place. John Dabbs has been appointed Treasurer by the Executive. I and my fellow executive members will miss George's contributions to the guidance of our guild. In addition to being very competent at keeping our financial resources in order, he had a great deal of excellent input into the various activities of our meetings and workshops.

Mike Brazeau

### Cyclone Project

I am investigating the possibility of having a sheet metal fabricator build me a dust separator cyclone. There could be some pricing advantages to getting many of these built. These are not complex items to build, but arriving at the "right" dimensions and configuration may be difficult. I am at a very preliminary stage right now, so I can't even give you a target price. If there isn't enough interest or savings I won't proceed. If you are interested please get in touch with me.

Al Murphy  
[amurphy8@cogeco.ca](mailto:amurphy8@cogeco.ca)

## [Making Simple Turning Tools](#)

There are simple tools that anyone can make. Some people use concrete nails, allen wrenches and such, but I suggest that using “drill rod”, which is high speed steel, can be quite satisfactory and not too expensive. With some experience you should be able to make some really nice tools.

You need to visit an industrial supply house or metal supplier (look in the yellow pages and make a call). Ask what kind of drill rod they have and they will answer with O1 (oil hardened) or W1 (water hardened). These are the most common and cheapest. This is usually available in many diameters. I have found the most useful sizes are 3/16”, 1/4”, 3/8” and 1/2”.

A good tool to start with is a scraper. You can grind a flat on the round bar and shape it to suit your application (or copy one of the pictures in those glossy catalogs). Cut it to length (a hacksaw or grinder will do), and heat treat it. What you need to do is heat the cutting end to red hot. Depending on the size you can use propane, but it will take a while to get it hot enough. Then quickly dunk it in either water or oil, depending on the kind of tool steel you bought. Once you have done this, the end is very hard, like a drill bit. It is also very brittle. In order to keep the hardness and eliminate the brittleness, we “temper” the steel. This means that we heat it for a period of time, hold and slowly cool it. Typically 500F for 1 hour. I usually don't do this, since I am only hardening the cutting edge and not the whole tool. Now you can hone the edge, make a



*A Selection of Home Made Tools*

handle, and put it to the test. You might have to tweak the shape to get the performance that you desire, but hey, that's creativity!

This is a very simple explanation of a very large and complex technology. Any time you work with steel there are risks. If you are unfamiliar with heating steel to these temperatures, or don't have a safe facility to do this, then obviously don't risk burning your shop down.

Al Murphy

## [Ontario Crafts Council](#)

We received a request for the Ontario Crafts Council to publish the following description and invitation. We think it would be of interest to some of our members.

The Ontario Crafts Council is a dynamic, not for profit, arts service organization dedicated to cultivating a thriving craft community and the prominence of fine crafts within today's culture. Programs and activities are supported through memberships; individual, corporate and foundation donations and sponsorships; proceeds from the Crafts Council's exhibition and retail location, The Guild Shop; and the Ontario Arts Council.

Applications are now being accepted for the Ontario Crafts Council's annual Awards & Scholarships program. \$12,270 is available in the form of awards, scholarships and supply grants to Student and Craft Professional members of the OCC (new members are welcome to join with their applications).

Applications can be downloaded from:

[http://www.craft.on.ca/info/pdfs/OCC\\_Awards\\_Appl05.pdf](http://www.craft.on.ca/info/pdfs/OCC_Awards_Appl05.pdf).

In addition to applications for awards and Scholarships, Affiliate members, Chairs of OCC committees and Board members are encouraged to submit nominations for the John Mather Award for service to crafts over an extended period. The information about this award appears on the last page of the application.

For more information call 416-925-4222 or email: [awards@craft.on.ca](mailto:awards@craft.on.ca).

To learn more about Ontario's crafts community, visit

[www.craft.on.ca](http://www.craft.on.ca)

Deadline for applications and nominations is Friday, April 15, 5pm.

Frank Luet

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## Longworth Chuck Addendum

Over the last couple of months we have described one method of making a Longworth style chuck. We have a couple of points we would like to add.

1. The style that was described uses 6 grippers, this means that the 360 degrees of a circle is divided into 60 degree angles. Instead of using a compass you can use a protractor.
2. You don't need to use six grippers you can go with five or even four, just change the angle that you use to divide the circle up with.
3. Items to make grippers from can come from Home Depot, Rona or just about any hardware store. You can have several different sizes by using the rubber protectors that go on chair legs. Purchase wood dowel to fit in the center and finished them off on the lathe. 1/4" cap screws or furniture screws with a hex head on it can also be used to fasten them to the circles.
4. The finger holes should be close to the outer edge of the top or first plate (1/4" thick). Put them as close to the outer edge as possible without weakening the plate. 3/4" of an inch is ok. Make sure they fit your fingers comfortably. Larger is not a good idea.
5. The 6 gripper system can weaken the chuck depending on the thickness of the material you use. Tom has used the 4 gripper system for 3 yrs and has not had any problems, even with 16" bowls. The extra work may not be worth it. Your choice

Frank Luet  
Tom Hurst

## Lee Valley Turner's Smock

We designed this three-quarter length smock primarily for turners. The 65/35 poly-cotton blend sheds chips well but is light and cool. It features a wrap-around neck with hook-and-loop closure, roomy full-length sleeves with elastic cuffs, waist-cinch side tabs to keep the smock away from work, and a two-way zip front closure that lets you unzip the bottom for comfort when crouched or sitting. Highly practical for all power woodworking operations, it has reinforced pencil pockets on each arm and large patch pockets on the back for calipers and a rule.

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## MEMBERSHIP RENEWALS

A reminder to all active members. GHWG membership dues are **DUE NOW!**

Thanks to this year's membership renewal draw, on time renewal of dues was greatly improved over previous years. Thank you to everyone who have paid their dues.

However, many members have yet to renew for 2005. If you haven't renewed your membership for 2005 and wish to remain in the guild, please do so ASAP. According to the guild bylaws if dues are not received prior to 31 March then the \$10.00 Initiation fee for new members will apply.

Dues are \$40.00. You can pay at the next GHWG meeting or mail a cheque payable to GHWG to the address below.

Paul Rapattoni  
1985 Brampton St.  
Hamilton On.  
L8H 3S7

## Adding a Cyclone and Tube Filters to a Stock Dust Collector

Neil Seely had been convinced of the benefits of a cyclone separator and increased filter area, his challenge was to retrofit the new equipment to his 1HP Delta collector. This is an excerpt from the article he wrote about his experiences. His main considerations were to maintain portability and minimizing the volume taken up in his small shop.

The motor/blower was mounted directly above the cyclone and the six tube filters located along two opposite sides of the unit, 3 to a side. He included a drop down dustbin platform that eliminated the need to lift the heavy motor assembly when dumping the collected dust. He used acoustical foam and baffles to reduce the noise produced by the system. This was important since the unit was always used in close proximity to where he was working. The whole unit was also broken into smaller sub-components so that they could easily fit through a door. This had the added benefit of making construction easier, however the unit was also harder to keep air tight since an air seal had to be provided at each separation point. Leaks on the intake side would reduce collector efficiency while those on the discharge side would lead to dust in the air, negating the benefits of the system. Neil used birch veneer plywood mostly because it looked good. Slightly more than one  $\frac{3}{4}$ " sheet and three  $\frac{1}{4}$ " sheets were used.

When designing your system keep in mind any special requirements or limitations that are specific to your situation. For example, because Neil's ceilings were low he only had enough vertical space to allow the use of a 5 gallon bucket. Since he knew he would be emptying the bucket frequently he built a spring loaded platform that kept the bucket in solid contact with the bottom of the cyclone yet was easily released for convenient emptying. The 5 gallon container was adequate for most

uses but needed to be emptied frequently whenever he was planing.

Another thing to watch out for is to be very careful when mounting the cyclone. Any dents or fasteners driven through the metal will disrupt the smooth flow of swirling dust, thereby reducing the efficiency of the cyclonic action. He mounted the top and bottom of the cyclone in chamfered holes and then sealed the gap with silicon caulking. Closed foam tape was then applied to the bottom of the cyclone platform to seal the connection to the bucket. For an airtight seal at the two openings between the blower platform and the case he routed  $\frac{1}{4}$ " grooves and filled them with sealant. Once the sealant was dry he trimmed it about  $\frac{1}{32}$ " above the wood.

Even though Neil wears ear protection while using his power tools he felt it would also be a good idea to reduce the amount of noise produced by the dust collector. The best way to reduce noise is to keep it inside an isolation box. Lining the box with acoustical foam cuts down on the sound transmission significantly. Unfortunately with a dust collector the main conductor of sound is air and you must have an inlet and exhaust hole for the air. The cyclone acts as a partial muffler for the intake. And the case acts as an isolation box for the cyclone. The blower exhaust is muffled by the swirl box and by the air plenum which is at the back of the case. The air plenum was lined with acoustical foam so that by the time the sound waves get through the plenum, wend their way past the filter manifold and thence to the tube filters, they are a lot quieter.

Excerpted from an article by Neil Seely

*To be continued next month*



McMaster  
Children's Hospital

January 13, 2005

Len Kaufman  
Golden Horseshoe  
2104. Silwell Court  
Burlington, ON L7P 3P9

Dear Len & Golden Horseshoe:

Thank you very much for thinking about our pediatric patients and for your generous donation of wooden toys and other gifts. We know how much this was appreciated by the children.

It is difficult for children to be hospitalized and we strive to normalize their lives while they are here through play, education and peer interaction. It is through involvement such as yours that all of this is made possible.

On behalf of the children, their parents and staff, please accept our sincere appreciation.

Sincerely yours,

HAMILTON HEALTH SCIENCES

*Affiliated with the Faculty of Health Sciences, McMaster University*

## [Golden Horseshoe Woodturners Guild Executive Contacts 2005](#)

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