



Long Island Woodturner's Association
Newsletter

May 2023 Issue

Featured Speaker: Les Hoffman

Turned Bowls with Bases/Feet
And
A Look at the Drill Wizard



LIWA is a chapter of the American Association of Woodturners. Our purpose is to foster a wider interest and appreciation of woodturning on Long Island and in the Metropolitan area.



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Crystal Ball: Upcoming Meeting Schedule for 2023.

All meetings run from 9:00 am to 12 noon on the 3rd Sat of the month. Dates subject to change. Live meetings are held at Northport High School (154 Laurel Hill Road, Northport, NY) and are also available via Zoom. Links will be sent to all members in good standing.

June 17: Presentation by Titebond Adhesives

July 22: BBQ at Bob U (Note change of date)

Aug 19: Party at Steve F

Sep 16

Oct 21

Nov 18

Dec 16



Club Officers for 2023

President:	Barry Saltsberg	(516) 349-1914	woodartist@optonline.net
Vice President:	Paul Permacoff	(631) 261-7207	classakid@aol.com
Secretary/Newsletter:	Barry Dutchen	(516) 443 5342	bdutchen@gmail.com
Treasurer:	Mike Josiah	(631) 758-3309	mjosiah07@gmail.com
Chair of the Board:	Ken Deaner	(516) 239-7257	ggoosie@aol.com

Members at Large

Jodi Gingold (Photographer)
Les Hoffman
John Kowalchuk
Bob Lee, Webmaster
Jim Moloney
Pete Richichi

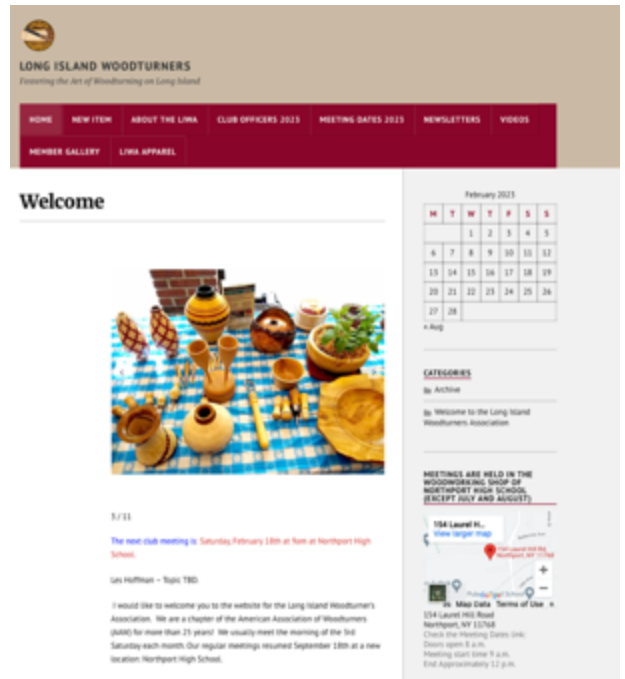




Summary of Meeting

Some notes of interest from Barry:

- Reminder: Please reach out to Jodi for any mentoring needs/offers.
- John K hosts a first Tuesday of the month turning workshop at his home shop
- See Barry S for access to our display cabinet space at the OBR for turnings you would us to display!
- Bob Lee continues to do an amazing job of updating and modernizing the website. See more on Page 8. Please visit our beautiful, revised website: LIWOODTURNERS.ORG
- Newsletter deadline for submissions is the first of the month.



Treasurer's Report:

Please send your dues check to Mike Josiah at 1 Cedar St., North Patchogue, NY 11772

New Member:

Tom McCarthy



Good and Welfare

The Club received a “Thank You” note from Bob Widder’s family.

Member Vote

*Last Month’s vote results on **How many hours per week do you devote to your turning hobby?:**
The average time our members spend per week in their shop is **15 hours***

This Month:

Do you consider yourself a NOVICE, INTERMEDIATE or ADVANCED woodturner?

LIWA.Newsletter@gmail.com

Overheard:

I tried to come up with a carpentry pun that woodwork. I thought I nailed it but nobody saw it.



A few words from the Chairman of The Board:

Thoughts of a Successful School Year 2022-23

Ken Deaner - Chairman Long Island Woodturners Association, Inc.

We have returned from strictly Zoom meetings to a hybrid model in which we are primarily meeting in person. We have had many wonderful demonstrations by our members, and guest professionals, in person and on screen. Our meetings are now recorded and available for review at home. Our website has taken on a new life and our newsletter includes helpful information, photos of our show and tell, and missives from our officers and board members.

Members can also have their workshops photographed and featured. We have performed community service by participating in the LI Woodworkers Show, and hands on instruction for Northport HS students and their parents. Members can display work monthly in the lobby showcase at Old Bethpage Village Museum. We offer hands on instruction at several members home shops as well as individual mentoring. We have been given the opportunity to take wood from the homes of members who have passed.

We have received generous donations from members who have retired from turning. We continue to have Picnics at several members homes during our summer recess. We can purchase turning equipment at a discount from several entrepreneurial members. What a wonderful hobby and proactive Club. We look forward to continued success in the coming school year. Enjoy your summer and I look forward to seeing you at our Club meetings at Bob's and Steve's homes in July and August.

Ken Deaner

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## El Presidente - A Message from our President

### Barry Saltzberg

This weekend was the AAW symposium in Louisville, KY. I don't think anyone from the Island attended in person. It's like... You can't get there from here! Actually, you can, but you'd need to take out another mortgage on your house to buy the plane tickets. There was another option to attend remotely. Jim Maloney took the initiative to honcho the group registration for both clubs (Thank you, Jim!). We needed 10 members to get the best registration price, but only 9 signed up. What to do? Mike Josiah suggested the 9 split the difference, to which all 9 agreed, and was still a much better price than the next best price. Problem solved.



I couldn't attend the whole thing due to prior commitments, but the demos will be available for some time afterwards, so I plan to be watching a lot of demos. Not all demos were available to those attending online.

When the AAW's equipment was working, the feed was good. Unfortunately, they had some problems with the sound. One demo had no sound, and they couldn't resolve the problem and had to scrub it.

One demonstrator was doing thin-walled bowls and went through the side wall. Now I don't feel so bad, having done that myself.

I'm sorry more members didn't avail themselves of the on-line option. I know I learned some things and got some useful tips. I also got some ideas for future projects. If nothing else, watching the pros teaches me techniques I might want to try to improve my own turning. I'm still new to this. I've only been at it for about 15 years, and I'm still learning.

Our next meeting is Saturday, June 17th. I hope to see you all there.

Be safe. Remember to use personal and respiratory equipment when you turn and have fun.

The Yarn Bowl

Happy and safe turning - Barry







## The Website Demystified

By Bob Lee

To access the main menu, select the three bars if the menu is not shown. This will occur with phones, iPads and low-resolution systems. If shown, click any of the items to see the new material.



The home page slide show now contains pictures of pieces from most recent meetings show and tell.

The sidebar or footer depending upon what device you use to access has been updated to have next 2-3 upcoming events listed

**Newsletters** can now be found by date or by topic. Any suggestions on how to improve categories appreciated.

- Basic bowl turning
- Feature and finishing enhancements
- Multi-axis and off-axis turning
- Segmented turning
- Holiday items
- Pen turning
- Hollow form turning
- Other Specialty, intermediate and advanced turnings
- Multi-piece assemblies
- Material suppliers



**Member Gallery** now has pieces from show and tell starting in Feb 2023. When this gets too large, we can break it out to have a dedicated page for each member with 10 or more pieces presented over the various meetings.

**LIWA apparel** is a link to where clothes can be ordered. If there are additional options or things we would want to buy, they can be added.

**Links and Video**'s will be merged and built out a bit further.

**New members** is a short summary for possible new or new members. This needs to have some visual content added. I'll rename to New turners as well.

**Special events** – currently the Storch workshop is highlighted. Any other thoughts?

**Professional turners** – links to websites of professional turners we have had since 2020

**Member only** area

Any suggestions for content or content can be sent to Bob at [rlee@liwoodturners.org](mailto:rlee@liwoodturners.org)



Show and Tell:





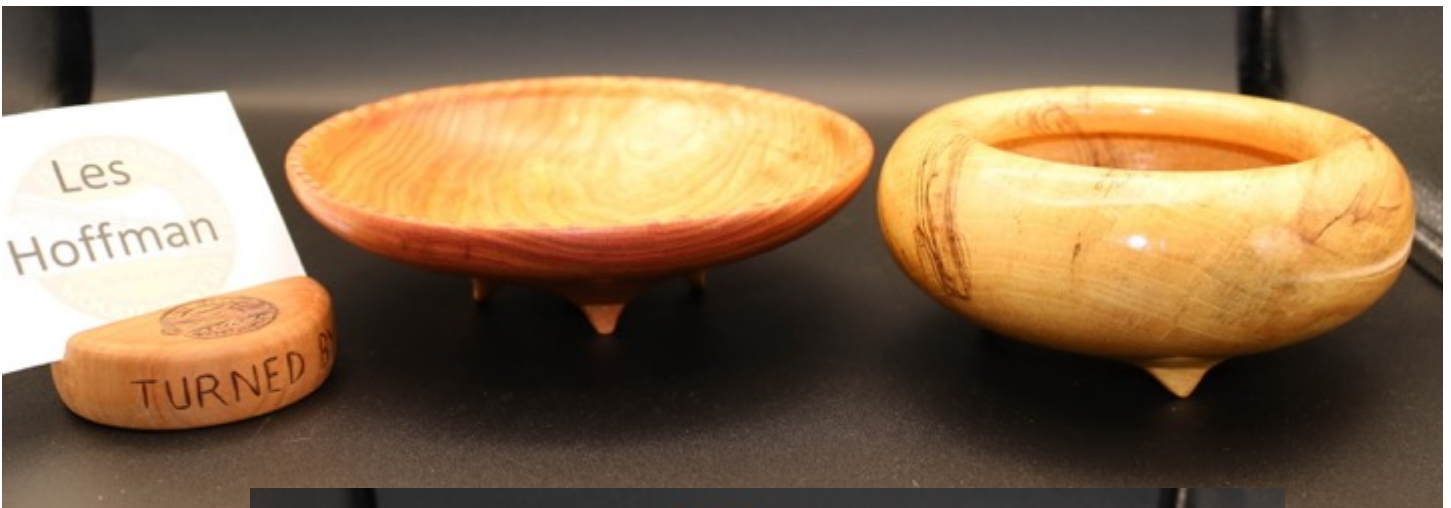


















## The American Association of Woodturners

Each month we select an article we believe may be of interest to our club members. These articles were first published in American Woodturner magazine, the Journal of the American Association of Woodturners and are republished by permission of the Editor of American Woodturner. We greatly thank Joshua for allowing us to use reprints from the magazine.

We strongly urge you to consider joining the AAW. By supporting our national organization, you also help our club. Here is a link: <https://woodturner.org>

This month (from American Woodturner): *Turning A Natural Edge Lidded Bowl*



# TURN A NATURAL-EDGE LIDDED BOWL

Andrew Potocnik



Turning a natural-edge bowl brings forth the joy of seeing a log or branch determine the final rim profile of what could otherwise be a simple round feature. Sometimes a bark edge or contrasting sapwood can make for a delightful perimeter on a bowl.

The high and low points of the bark edge will vary according to the diameter and shape of the log you use, but have you ever considered whether the same concept could be applied to a lidded container? The answer is yes, it can! It just takes a bit of lateral thinking and looking at material you

have on hand to make the most of wonders offered by logs you have in your “stash.”

I cut a small bowl blank about 3½" (9cm) in diameter for this project, which also meant I could incorporate offcuts from previous projects for the lid and maybe even the finial. Several years ago, I salvaged a section of red gum from local parkland after an unusually heavy downpour led to flooding well beyond anything we'd expected in our area. Red gum is a favorite of mine simply because I have access to both air-dried and “green” material. I source most seasoned wood

from fence posts, while fresh wood is available after storms or from arborists' trimmings, which are considered necessary in suburban areas. When turned green, the wood has a rich red color, which will endure provided you sand through to final grades of abrasive and then allow the finished bowl to distort as it dries.

The wood I selected had had plenty of time to dry, and I had ample time to contemplate its best use. This project was just what I needed at the time, so I carefully cut a section of the red gum for a suitable natural-edge bowl blank.

### Shape bowl profile

To begin, I drilled a 1" (25mm) hole into the top of my bowl blank and then mounted it in expansion mode on the stepped jaws of a scroll chuck (*Photos 1, 2*). Due to the small size of my bowl, this mounting provided ample grip, so I did not have to use the tailstock. But if you are unsure, it is best to use the tailstock for support as much as possible, so don't hesitate to bring the tailstock up—especially if your material is large or irregular in profile.

I removed excess material with a deep-fluted bowl gouge ground to a fingernail profile to arrive at a balanced profile (*Photo 3*). This tool grind allows me to use the gouge with a push cut, or rolled over on its side, it can shear-cut, as seen in this photo. This approach has the added advantage of not causing the bark edge to break free, which could result from a push cut.

While rough-shaping the form and foot, I realized I would need to fill some voids with cyanoacrylate (CA) glue, hardened with an accelerator (*Photo 4*). Then I could finalize the profile and foot, this time with a fingernail-shaped shallow-fluted gouge (*Photo 5*).

I like to create a definition line where the foot meets the body of the box, in this case with a round skew held flat to cut a neat "V" intersection (*Photo 6*). This element enables a clean break in meeting points once sanding is completed.

I hollowed the foot with a round-nose scraper (*Photo 7*). Then I sanded all of the outer surfaces of the box to 320 grit before adding a couple of V-grooves in the base with a diamond-pointed scraper (*Photo 8*).

### Reverse-mount the bowl

There are many ways you can reverse-mount and hold a bowl, ►

### Drill and mount



(1) At the drill press, the author uses a Forstner bit to drill a shallow hole in the bark side of the bowl blank. *Note: Workpiece is shown handheld for clarity only; always secure wood being drilled on a drill press with suitable clamps.*

(2) Mount the bowl blank on step jaws in expansion mode.

### Shape and fill



(3) The author begins shaping the outside profile of the bowl using a bowl gouge.

(4) CA glue is used to fill voids in the wood exposed by the shaping.

### Establish the foot



A shallow gouge and oval skew are used to form and define the bowl's foot.

### Complete the foot



The author uses a round-nose scraper to slightly hollow the foot, then adds some grooves for visual interest using a pointed scraper.



using a variety of chuck jaws; however, this time I opted to use a carrier, which required a carefully cut recess into which the bowl's base would be glued. The beauty of this method is that the foot will not need any further attention once the body of the bowl is completed.

I mounted a piece of scrap wood into a scroll chuck and turned a recess to neatly match the outer diameter of the foot. There are many tools you can use to create this recess; in this case, I opted for a square carbide cutter (*Photo 9*). I used a caliper to get the measurements right, but you

could simply use a ruler and pencil or dividers. The important thing is to sneak up on the fit, taking off very small shavings at a time until you achieve a snug fit. I don't recommend using just a "jam fit" since you will be making hollowing cuts inside the bowl. To secure the box to the carrier, I used hot-melt glue.

*Handy Hint:* Allow the glue to heat up to the point where it is dripping out of the gun, so it is very pliable. Next, warm the two surfaces that will be bonded with a heat gun so the glue will not harden as soon as it is applied, then very quickly push the wood into place and center it with the tailstock and live center. Rehearse this process and you'll get a suitable bond—and the box will run true in this mounting (*Photo 10*).

## Reverse-mount in a carrier



(9) A scrap of wood is held in the chuck and a shallow recess with straight walls formed. Then the author uses hot-melt glue to temporarily affix the bowl's base in the recess. Tailstock pressure is applied during gluing and the initial phases of hollowing.



10

## Hollow the bowl



11



12

(11) A gouge is used to begin hollowing. Take care to leave the bark edge intact. A flat "step," or shoulder, is formed just below the rim to later accept the lid.

(12) The author continues hollowing with a circular carbide cutter.

## Refine interior



13



14

(13) Using a round-nose scraper, the author supports the walls of the bowl with his fingers just below the bark edge.

(14) The interior is sanded, and the work removed from the lathe.

## Hollow the bowl

When hollowing the box, it is preferable to keep the tailstock and live center in place for as much of the process as possible. To prevent chipping of the bark edge, I used a shallow-fluted fingernail-ground gouge, working down to a shoulder on which the lid would eventually

## Transfer rim dimensions for lid



15

The required diameter for the lid is transferred from the bowl's rim shoulder to the lid material using a caliper.



sit (Photo 11). I used the pointed nose of the gouge to cut a small “V” where the two surfaces meet, so a crisp intersection can be kept even after sanding.

After hollowing farther with a gouge, I switched to a carbide-tipped “probe” tool, as shown in Photo 12. I then removed the core and tailstock and completed the interior with a round-nose scraper, before sanding to 320 grit (Photos 13, 14).

With the bowl completed, all that was needed was to release it from the carrier. You may be able to simply pry the bowl free using hand pressure, or reheat the glue with a heat gun to soften it and then use hand pressure to pry it free. Another method is to apply denatured alcohol to the glue to weaken the joint. Once the bowl is free of the carrier, simply peel off any remaining glue.

### Make a lid

I had already decided to use an offcut of mountain ash, another hardwood native to my neck of the woods. After mounting it in a chuck, I used a caliper to measure the opening inside the bowl and then transfer it to the lid (Photo 15). I then cut a tenon, allowing the lid to sit neatly inside the bowl.

I used a square carbide cutter to form a neat shoulder on the tenon and its adjoining surface (Photo 16). Then the lid was ready for the remaining inner surfaces to be shaped, sanded, and a couple of “V” lines cut with a diamond-pointed scraper (Photo 17).

With the lid sanded and reverse-mounted into another chuck fitted with jaws that provide ample grip without marring the surface, I shaped the top surface of the lid. An alternative method of holding the lid is to create a carrier similar to that described earlier.

I turned the top of the lid to a gentle convex curve, sanded it, and added a

“V” shadow line near the edge, again using the diamond-pointed scraper. I then drilled a small hole using a center drill held in a drill chuck mounted in the tailstock, in preparation for a finial to be made and fitted (Photo 18).

Choosing just the right finial is difficult for me. I often look for an organic form, be it something I carve in wood or make from other natural materials. In this case, I wanted a finial that would capture irregular movement that melded with the natural bark edge of the bowl. So I returned to my box of material I’ve stored away for years, waiting for that “right” project, and chose some twisty stems.

Selecting appropriately shaped tips, I grouped three stems together, bonded them with CA glue, and trimmed the base to a rough diameter of  $\frac{1}{8}$ " (3mm). I then fitted the base

with a small rubber O-ring (Photo 19) and inserted the stems into the hole drilled in the lid.

### Final thoughts

I finished the bowl with wipe-on polyurethane. With this lidded natural-edge bowl complete, I was inspired to try the same concept using either a burl cap or an endgrain section of a log or branch. You could even use West Australian banksia nuts, much like Cindy Drozda has done to turn long-stemmed boxes. Whatever materials you choose, I hope you have fun trying your hand at this project. ■

*Andrew Potocnik lives in Australia and is a retired teacher of woodwork in secondary schools. He has published several articles in magazines in Australia, the U.K., and the U.S. Andrew was a demonstrator at the AAW International Woodturning Symposium in Kansas City, 2017.*

### Turn inside of lid



16



17

(16) Form a tenon in the bottom of the lid for a loose fit on the bowl's rim.

(17) The author shapes the underside of the lid and adds decorative elements.

### Turn top of lid, add finial



18



19

(18) With the lid now reverse-mounted in the chuck, turn, decorate, and sand it before drilling a hole to accept a finial.

(19) The author chooses some twisty stems for a finial, in keeping with the organic look of the bark edge on the bowl's rim.



## Shop of the Month

If you would like to have your shop highlighted in a future edition of the newsletter, let us know. Nothing must be changed (or even cleaned up). We can come to you to take photos, or just send your photos to us. We want to see big shops, small shops, purpose-built shops, basement shops. How you set up your shop. Creative ways you found to solve the space issues you encountered. Any questions? Talk to me at the next meeting, call or email me (Barry D) the email address and phone number in the Board members list above.

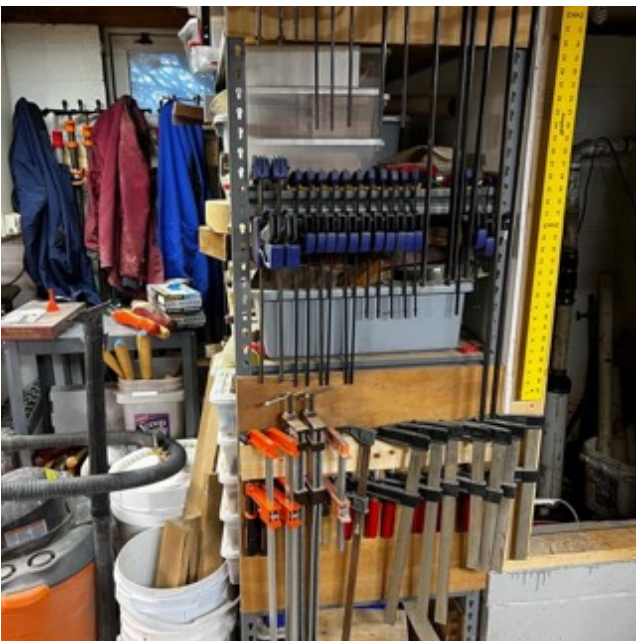
This month, we visit Mike Josiah's shop.

Mike says: the one thing I'd like to change now is the location of the band saw. For cutting bowl blanks its fine but anything else not so much.

All the benches, a good number of tools including the band saw and most of the dust collection pipes I picked up from companies either closing or changing what they do.

I have a cyclone dust separator tucked behind my dad's old Radial arm saw. Its working great! I have not had to clean the dust collector once in the 2+ years I've had it.

I've re-arranged things in my shop at least 3-4 times now as I either changed my mind or got new equipment. When you have metal dust collector pipes that can be a royal PITA to re-do especially when you seal up all the joints like I do. (Tape and caulk). So, when setting that up its best to try and allow for future changes/upgrades if possible



Clamps



Dust Collector



Epoxy Rack



Finishing-Epoxy Area



Lathe



Misc Tools







Saws



Tools – Sandpaper - Grinder



Work – Staging Bench



Workbench







## Main Event

Featured Speaker: Les Hoffman



To watch the entire presentation:

For all other presentations, go to our Links page at [liwoodturners.org](http://liwoodturners.org)

Check your email from Jim for the password.