



Long Island Woodturner's Association
Newsletter

April 2023 Issue

Featured Speaker: Alan Straton

Inside-Out Turning



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.

May 20: Les H

June 17:

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



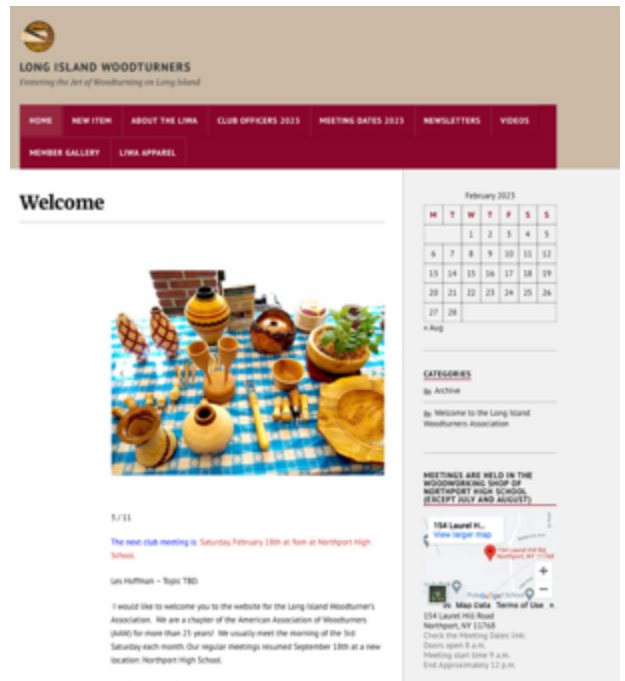


Summary of Meeting

David Storch Beginner's Workshop was held April 22. As Barry writes in his column ([E Presidente](#) - A Message from our President) below, it was a very successful event. Here's a link to the video (courtesy David Storch): <https://youtu.be/AfwVk9v-8NY>

Some notes of interest:

- Our July BBQ at Bob Urso's home will be on July 22 (new date)
- Jodi and Ken mentioned that to avoid CA staining on turned pieces, first spray the piece with a diluted (10 parts shellac to 1 part alcohol). This creates a barrier on the wood to prevent the CA glue from staining it). "Wood Hardener" was also discussed.
- 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



Good and Welfare

We have 78 members, 62 fully paid.

Welcome to our newest member: Andrew from Franklin Square.

We held a raffle, followed by Show and Tell.

Member Vote

Last Month's vote was not tabulated due to technical difficulties

This Month: **How many hours per week do you devote to your turning hobby?**

LIWA.Newsletter@gmail.com



A few words from the Chairman of The Board:

When the Chairman Speaks Does Anyone Listen?

Ken Deaner

I have unfortunately had to attend too many funerals of Club members, friends over the past year. I wish that all of you could have known such wonderful turners as Carl Saenger, Bob Fentress, Richard Barth, Joe DeMaio, Norm Abrams, Charlie Panzner, Bob Widder, Bob Storch and the list goes on. They were Board members, Presidents, Vice Presidents secretaries, treasurers, librarians, and active in helping the Club develop and grow. I thank them for their service and for helping me become a better turner.

Little could they imagine over 30 years ago when twelve attendees at a meeting was considered a great accomplishment that we would still be around in 2023. Fifty attendees are not unusual now. We have accomplished so much. Our Website, Newsletter and Club have blossomed. We are fulfilling our mission statement to expand woodturning education on Long Island. Hopefully sometime in the future when woodturning is mentioned no one will ask “What is that or what is a lathe.”

Outreach to the community is important. Getting youngsters involved in turning in addition to sports and video games is important. Artificial Intelligence should not replace arts and crafts. It is vital that our Club remembers what the founders of the Club did for us and that we continue their legacy.

Ken Deaner

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## El Presidente - A Message from our President

### Barry Saltzberg

Last Saturday (as I write this), we had our second beginner's workshop. It was well attended by both students and teachers, and the students left with a project they made themselves (with some help, obviously). One thing I noticed - hardly anyone was wearing any kind of dust mask! Not even the semi-useless ear loop type! And everyone was doing some sanding.



As most of you know, I've developed a pulmonary condition, most likely from wood dust in the air. Its not only from the stuff you can see floating in the air, but the stuff too small to see that can get into your lungs and cause irreparable damage. If it hasn't happened to you, you are fortunate, but that doesn't mean it won't.

Do yourselves a favor: protect your health by wearing a mask that is certified for use in dusty conditions. Also, get yourself a powered face mask. There are many types on the market. Some have a powered filter that you wear on a belt and connects to the face mask by a hose; and some are self-contained in the face mask. They all blow filtered air down the front of the mask so you can breathe filtered air easily. Yes, they are all pricey, but dirt cheap compared to what you will pay in terms of your health and longevity.

When I go down to the shop, the first thing I do is put on a dust mask, that I wear whatever I'm doing. If I'm turning, I switch to a powered helmet / face mask. Yeah - it's closing the barn door after the horses have gone out, but I don't want the condition to get any worse than it is.

PLEASE - protect your health and, actually, your life, playing it safe by using PPE (personal protective equipment) and RPE (respiratory protective equipment).

Happy and safe turning -

Barry

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What You Can't See CAN Hurt You (Health and Safety Report):

Dust shouldn't be a Must! Dr. Jodi Gingold, Club Safety Officer

As a retired pulmonologist, I think I can help you with prevention of future health issues due to our wonderful hobbies. The most important thing I can say is to think about what happens in our shops. Dust. Lots of it. When the wood chips are flying everywhere, I'm sure you've noticed dust even in the far reaches of your shop. WEAR A MASK at all times in the shop. When you are sweeping you are stirring up dust. When you are turning dry wood, there is a lot of dust.

Certain species of wood can be toxic. Spalted wood can be toxic. If you get used to wearing a mask in the shop you will find that you cough less, and experience fewer sinus issues. If you have ceiling mounted air filter, although noisy, USE IT. It will help eliminate the dust in the air. When you see how much dust settles on every surface, just imagine that settling inside your lungs. We use the 3M N95 dust mask that fits tight to your face as it is recommended by NIOSH. Home Depot carries HDX Particle N95, a box of 30 masks for \$34.98.

While working at the lathe you should also use a vacuum. When working with lacquers and other chemicals the half face respirator mask is good. It is also made by 3M. The filter cartridges on the sides of the mask are replaceable.

NOISE! I have noticed that many of our members are using hearing aids. Years of loud noise can damage your hearing. For those of you who haven't experienced hearing loss, there may still be time. USE hearing protection. We use 34 - 35 dB range hearing protection earmuffs when using the table saw, band saw, chain saw, drills, etc. If turning something big is making a lot of noise, we use it then also. If the earmuffs don't fit under your face shield, at the very least, use ear plugs. Loud noise above 120 dB can cause immediate harm to your ears.

In the workplace, the National Institute for Occupational Safety and Health says the recommended exposure limits for noise is 85 dB. Prolonged exposure at this level can cause hearing loss. In fact, noise levels above 70 dB can cause tinnitus (ringing in the ears) and noise-induced hearing loss. Keeping noise exposure under the 70 dB level can help prevent hearing loss. I tested the noise levels using various tools in our shop (including the ceiling mounted dust filter and the vacuum) and measured generally above 75-80 dB. So, if you are working for 3-4 hours, this is considerable. You can download a free app to your phone called *"Sound Meter"* to measure noise levels in your shop. Is your eyesight important to you?



We all know to use a full-face shield while working at the lathe. There are times to consider using safety goggles. When carving with power tools for example, a lot of dust is released. I find that little particles get into my eyes. Dust can cause eye infections or scratched corneas. I use safety goggles. Eyeglasses are not sufficient eye protection at the lathe, while carving or sanding. Goggles and a respirator are also helpful against the burning sensation when using CA glue. The CA glue is toxic.

Every shop should include an emergency kit. It should contain sterile gauze, bandaids, alcohol swabs and antiseptic ointment. It would be nice to have an eye wash station, but you can buy saline solution for eye wash online or in any pharmacy.

Safe turning everyone!

Jodi

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## 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>

In keeping with our newsletter theme. this month we discuss keeping your shop clean (from American Woodturner vol 36, no 1:





## From the Benefit of Experience

# CLEAN YOUR SHOP!

Dale Larson

### DALE LARSON'S SHOP TRUTHS

SHOP TRUTH 1: Space is valuable.

SHOP TRUTH 2: Any horizontal surface will collect stuff.

CONCLUSION: Get rid of any tools and wood you know you will never use again. Don't hang on to them "just in case."



As I write this, I am in the process of helping yet another family clean out the shop of an older woodturner who has passed away. About once every year or two, I get a call like this from a friend in the woodturning community: "Can you come help clean up and sell Dad's woodturning equipment?"

I am happy to help friends, but in doing so, I have learned some hard lessons. At the top of the list: Clean up and organize your shop now, so your poor family won't be stuck with the job when you go to that big woodshop in the sky. They won't know which pieces of equipment are valuable and which are junk. They won't know which pieces of wood are prized timbers and which are firewood.

### Shop stories

Here are some quick stories that will illustrate the point.

When a crew from Cascade Woodturners cleaned out Dale Hastay's one-car-garage-sized shop, the first thing we did was take five 55-gallon barrels of sawdust/chips out of the shop. Then we took many wheelbarrow loads of firewood out to the neighbor's woodpile. Only then did we finally have room to move around in the shop and evaluate Dale's equipment and wood supply.

Recently, I helped Harold Enneberg's family clean out his shop. Harold died at age 94, and he kept turning right to the end. His shop contained sixty years' worth of old tools and wood. What had value and what was junk? The family had no idea. Suddenly, we were in the position of organizing a sale of his tools and wood, despite being in the middle of a global pandemic.

In Harold's shop, when an old tool died, it was just pushed into a corner of the shop. But really, why keep it? Junk wood was piled up all over, with some beautiful, valuable wood under it. If you can't see the wood, you don't know you have it. Trust me, you will forget about a beautiful piece of wood if it is buried somewhere in the shop.

My good friend Malcolm Zander in Ottawa told me that several years ago, he looked around his small shop and saw several floor-standing tools that he hadn't used in years. He sold them and freed up more space for his current work. He has never regretted selling the tools.



American Woodturner February 2021





## FEATURE

I had the pleasure of visiting Dale Nish at his home many times during the Utah symposia. Dale was one of the great leaders of woodturning in the world, a wonderful woodturner and educator. He had access to the top woods of the world through his family business, Craft Supplies USA. In the hall just outside his shop, he had shelves of rosewood burl, tulipwood, and many other beautiful woods. But in one corner of his basement shop, there was a cavalcade of firewood that took up a huge amount of space. Dale hadn't seen the bottom of this pile in many years. Why did he keep all this wood? He had the same sickness we all do: he thought he might use it one day. But the cost was high, as he was never able to use that part of his shop for anything productive.

Bob Tuck, a founding member of the Cascade Woodturners (Portland, Oregon) and a longtime woodturner and teacher, called me about six months before he died and asked for help cleaning out his two-car garage/shop. A crew from our chapter spent a whole day cleaning out the shop. There were many bags of sawdust and an entire pickup truck full of firewood. Bob had access to the best woods available—why did he take up valuable shop space with junk wood? It's because he had the same sickness we all do—we worry unnecessarily that we'll run out of wood, and we convince ourselves that someday, we might just use that piece of wood for something! You simply have to get over this mindset and get rid of the wood you will never turn.

Bob also had more than 500 turning tools, some in drawers that hadn't been opened in thirty years. When I came home from organizing the sale of his tools, I went through all of my own tools and gave a bunch of them to my chapter to auction off. It's simple: Keep the tools you use and get rid of the rest. (The AAW has a tool bank and at many of its Symposia collects used tools for donation to various programs.)

The best story is about my friend Bob Mach. About four years ago on a Saturday about 6:00 p.m., I got a call from Bob's wife Barbara. She said, "I have some bad news. Bob died about 2:00 p.m. this afternoon." Without missing a beat, she continued, "Can you come over here and clean out his shop?" Bob had been ill, so his passing was not unexpected, but I almost said, "Do I have to pull Bob out of the way first?"

Barbara was so overwhelmed by the mess Bob had left that the first thing on her mind after he died was to clean up his shop. I asked how her calling me came about. Barbara explained that she and Bob had previously discussed it. She had asked him what to do when he died, and Bob had said, "Just call Dale Larson." Barbara told me, "He died, and I'm calling you." Thanks, Bob.

Bob's garage shop was stuffed from floor to ceiling with wood and tools, and it was a tight trail to move around in there. He had collected lots of old cheap bench-top tools, and he kept boxes and boxes of wood—mostly domestic hardwoods but also some beautiful exotics that were buried. It took a big crew from our chapter a whole day just to move the wood and tools out of the shop in order to determine what was worth selling.

Three years ago, I helped Wally Dickerman's family clean out and sell Wally's tools and wood. Wally served on destroyers in the Pacific during WWII. He was 94 years old and doing gallery-quality work right to the end. Wally had it figured out: He kept only the tools he used, all good tools, and the wood he actually needed. Thank you, Wally.

### Don't wait to clean up

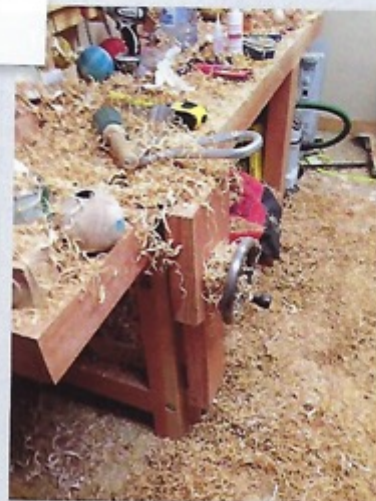
Do yourself and your family a favor—clean out your shop. Get rid of the wood chips and scrap that amounts to firewood. Get rid of the tools that are broken or that you no longer use. Free up that space for what you are doing now. You'll be more productive.

Organize your wood so you can see what you have. If you can't see it, you might as well not even have it.

A clean shop is just more fun to work in, more conducive to being productive, and much safer from a wood dust

and fire hazard point of view. Use that shop vac to clean your shop more often than once in a while. Install a good dust system. Get your shop organized. Be nice to your family (and friends who will have to clean up your mess). And finally, don't call me when you drop dead. ■

*Dale Larson has been turning bowls for forty years. He is a founding member and past president of the Cascade Woodturners in Portland, Oregon. Dale served on the AAW Board from 2009 to 2014, both as symposium chair and president.*







## 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 Paul Permacoff's two-car garage shop.













## Main Event

Featured Speaker: Alan Stratton



To watch the entire presentation: <https://www.youtube.com/watch?v=Zsv2vIx28qo>

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

Check your 4/15/23 email from Jim for the password.

As a bonus, Alan provided the following added information:

For the sled plans, visit: [www.AsWoodTurns.com](http://www.AsWoodTurns.com)

An addendum follows



## Requirements - Table Saw Bevel Cuts

### Inside Out Three or Six Staves

1. Adjustable sled riding miter slot.
2. Adjustable depth stop to ride opposite slot.
3. Table saw rip fence parallel to blade.
4. Gauge block with kerf cut at 60 degrees.
  - a. Same thickness as sled.
5. Digital magnetic blade gauge.
6. Saw throat insert that allows tilt.
7. Scrap flat board(s) with parallel sides

Steps:

#### 1. Preparation

- a. Calculate key measures.
  - i. Board width plus 1" or more for clamping.
  - ii. Distance from fence to blade.
- b. Verify sufficient board width & prepare stock to uniform thickness.
- c. Set saw blade angle to 60 degrees using digital tool.
- d. Rip 1<sup>st</sup> side at angle.
- e. Set depth(width) stop.
  - i. Gauge block to indicate saw blade.
  - ii. Ensure parallel to blade using saw rip fence and scrap board with parallel edges.
  - iii. Stack boards edge to edge as necessary.
  - iv. Cinch stop.
- f. (optional) Use cutoff to enhance zero clearance saw plate.
  - i. Double stick tape.

#### 2. Cut #1

- a. Clamp project wood to sled.
- b. Remove depth stop.
- c. Slow & steady to avoid burn marks.
- d. Allow saw to stop.

#### 3. Cut #2

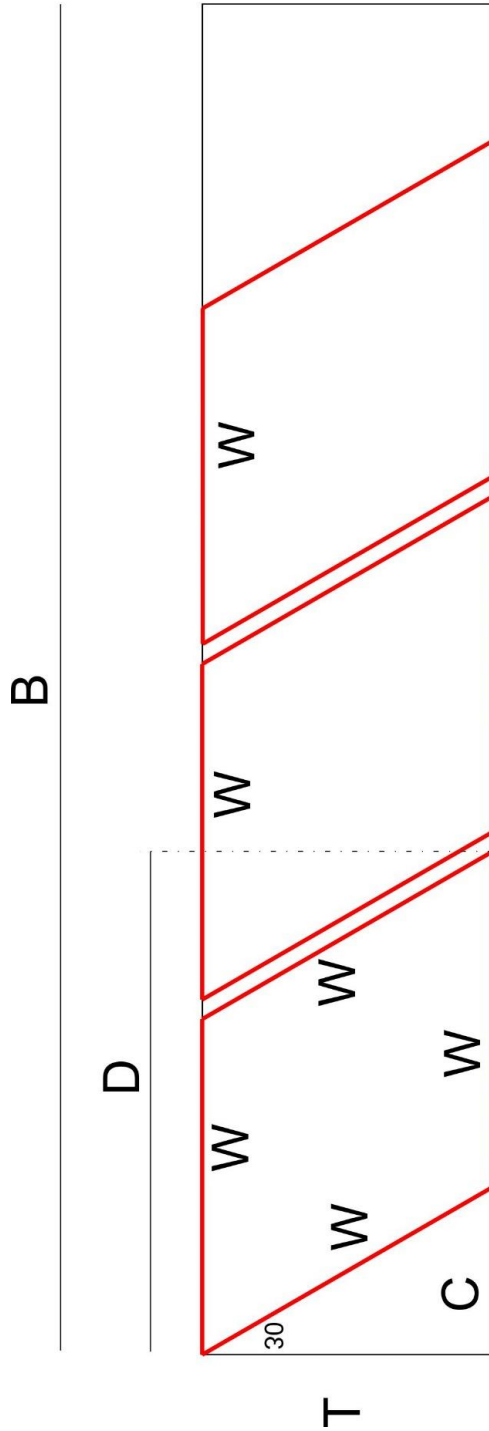
- a. Replace the depth stop without adjustment.
- b. Re-clamp project wood against depth stop.
- c. Remove depth stop.
- d. Slow & steady to avoid burn marks.
- e. Allow saw to stop.

#### 4. Cut #3

- a. Replace the depth stop without adjustment.
- b. Re-clamp project wood against depth stop.
- c. Remove depth stop.
- d. Slow & steady to avoid burn marks.
- e. Allow saw to stop.

5. Continue three more times for a 6 stave project.





$T$  = Thickness of board  
 $B$  = Width of board  
 $W$  = Side of parallelogram (rhombus)  
 $D$  = Distance from depth stop to Cut  
 $C$  = Offcut Width

$$C = \tan(30) * T$$

$$C = T * .5774 = \underline{\hspace{2cm}}$$

$$W = T / \cos(30)$$

$$W = 1.1547 * T = \underline{\hspace{2cm}}$$

$$B = (1.1547 + 1.1547 + 1.1547 + .5774) * T$$

$$B = 4.0415 * T \text{ plus 2 saw kerfs plus clamping margin}$$

$$B = \underline{\hspace{2cm}}$$

$$D = C + W \text{ or}$$

$$D = 1.7321 * T$$

$$D = \underline{\hspace{2cm}}$$

Trigonometry Review  
 $\text{adj/hyp} = \cos(30) = .8660$   
 $\text{opp/adj} = \tan(30) = .5774$   
 $\text{opp/hyp} = \sin(30) = .5$