

November 2022

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of
OTOW Woodshop

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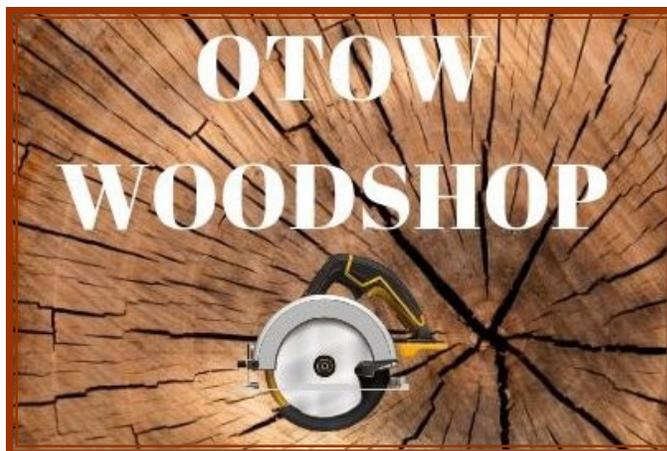
Welcome to the ***OTOW Woodshop Quarterly.***

OTOW Woodshop information and activity.
Our plan for this and subsequent issues
is to use the following format:

- Comments from club officers and committee leaders
- Shop safety/activity
- Shop Demonstration and Information (videos/classes)
- Feedback from our members
- Woodshop tip—"how to do it tip"
- Featured Project and/or Article

This is a work-in-process publication — we look forward to any
comments and/or suggestions, you may have.
Please use this websites "Contact Us" page for your feedback.

*Publishing team:
Ed Casper, Ed Glynn & Susan Yenne*



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Message from the Woodshop President



From the President's Trestle board

We've done quite a bit in the Shop since the last newsletter!

Several pieces of new equipment and cabinets have been installed, some of which should be highlighted in other articles in this edition. You've no doubt learned of them from Board Meeting minutes or a visit to the Shop so I won't expound here. I'll leave that for Larry's Upgrades Committee report.

Looking forward:

1. Please plan to attend our Annual Member meeting on Thurs, Dec 8th (10:00 AM in the H&R ballroom)

You should've had that date on your calendar since mid December LAST year.

I certainly don't want a repeat of last year's non-meeting because we were 1 short of a quorum, so it's ALL HANDS ON DECK, please.

2. Elections will be held at the Annual Meeting which means that the Nominating Committee will call for nominations in early November.

A list of basic duties for each position is provided on following pages.

The Nominating Committee will also post it on our web site along with a short "bio" and photo of each candidate.

Remember, our Club is a volunteer run organization, including the officers. PLEASE CONSIDER STEPPING UP to fill one of these very important positions. THE SHOP CAN'T OPERATE efficiently without a full slate of officers. If you need more info about what a particular position entails, drop me an email or give me a call.

***Bob Wilkes,
President***

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Board Member Duties

As elections are nigh, I thought it might be a good idea to recap the duties of the Board positions. The basics are, of course, outlined in our By-Laws (* below), but there is more to it than that.

The Board, in general

- * Provide leadership to advance the capabilities, maintenance, and operation of the Wood Shop.
- * Develop policies required for the safe and effective administration of the Wood Shop, subject to Board approval. Serve as 'Crew Chief' of a Shop Cleanup Crew, cleaning the shop on a rotating, 7 week, schedule.
- * Perform "Other duties as assigned".

President

- * Preside at all Board & General Membership meetings.
- * Appoint chairpersons of the Standing (Functional) Committees.
- * Be an ex-officio member of all Standing Committees.
- * Has the authority to approve expenditures up to \$400 per month.
- * In the absence of the Treasurer, execute the duties of the Treasurer.
- * Communication with OTOW Management on matters pertaining to the operation of the Wood Shop.

Communicate w/ Standing Committee chairs to ensure their work is viable.

Review instances of errant behavior of members and act on the same.

Prepare Board meeting agenda and optionally, prepare Power Point slide show for Board meeting.

Dispatch membership email as required, particularly Board meeting notice and agenda.

Coordinate w/ Treasurer to update and review Financial Forecast.

Follow up with w/ assigned individuals on Board actions.

Appoint Nomination Committee.

Schedule & Call the annual meeting.

Receive and act on requests from members and others. A wide range of topics here, including A How do I join@, A I need help with a project@, A I think we oughta,,@, Long-term storage and Large Scale Project requests.

Prepare Newsletter article.

Vice-President

- * Assume duties of President, as required.
- * Be an ex-officio member of standing committees.
- * Perform other duties as assigned. (Currently includes chairing the Upgrades Committee)

Secretary

- * Record and promptly publish minutes of Board and Membership meetings.
- * Maintain the administrative records of the Wood Shop.
- * Coordinate with the Treasurer to ensure proper processing of new member and membership renewal data and funds.
- * Handle all correspondence for the Wood Shop to include notifications for Board and membership meetings.
- * Maintain a liaison with the OTOW Point of Contact to ensure member access information is current.
- * Coordinate with the Treasurer to ensure that all governmental filings are processed in a timely manner.

Board Member Duties cont. next pg

Board Member Duties cont. from prev. pg

Treasurer

- * Have charge of all funds: receive and deposit dues, donations, and other income and pay all bills.
- * Keep a record of all financial transactions.
- * Present a monthly financial statement to the Board and an annual report at the annual meeting.
- * Has the authority to approve expenditures up to \$200 per month.
- Present the Shop's financial records to the Board or an ad-hoc Audit Committee for annual audit as requested by the Board.
- Coordinate with the Secretary to ensure that all governmental filings are processed in a timely manner.

Member-At-Large (MAL)

- * Participate in Board meetings.
- * Lend comment and expertise, to ensure safe and orderly operation of the Shop.
- * Provide advice and guidance to members using the Wood Shop.
- * Provide assessment of member's use of the Wood Shop when using the Shop.



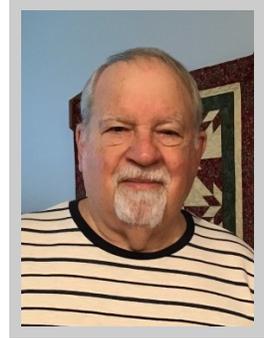
***Here's an opportunity to give back
to the OTOW Woodshop***

***Join a cleaning and maintenance team today. It's easy and fun.
Every Thursday a team will completely clean the shop from top
to bottom (about one hour for a group of six).***

***Stop in the shop and add your name to
the white board posted by the entry
door and set yourself up to be a part of
what makes this shop one of the best in
this state.***

Shop Maintenance - Upgrades

We've done quite a lot this year to improve the Shop...A new chop saw, two new air filters, a new sign-in kiosk, installed washable vac filters and a storage rack, two lathes, upgraded lighting over the lathes, and a new lathe tool storage cabinet.



Larry Huffman

AND we've got several items on our "wish list" for future improvements:

- Update the lathe accessories, including refurbishing the Lyle Jamieson hollowing system.
- Upgrading lathe tool rests and basic turning tools, including a set of carbide cutting tools.
- Replacing the cutters in the joiners with helical cutterheads to improve their performance of our joiners.
- Rework and reorganize the basic hardware area. This won't be a hardware store, but will provide some very basic items for emergency situations.
- Provide a compressed air source in the sanding and lathe areas. We would sell the existing compressor and replace it with a much quieter California Compressor.
- Replacing the 19" bandsaw with a 20" 5 HP unit with a better fence system And better performance

We are restricted by our budget and space, of course. However, if you have any suggestions on equipment that may need to be replaced or items that you would like to see added to the shop please email me at lhuffman668@gmail.com.

Larry Huffman,

Equipment Maintenance



David Keitz
Education Chairman

Repairs

Routine maintenance continues at a normal pace. Only a few pieces of equipment have needed repairs that kept them down for more than a few days. Most of the downtime is waiting for or trying to locate needed parts.

Thanks

A member, Eric Sandberg, has repaired or made replacement parts for the shop for some years, now and he deserves our thanks for saving the club a lot of down time and money for costly machine replacements. Another new member, Mike Caron, has done a great deal of work both in repairs and in helping make rearrangements and improvements like the recent lathe area restructuring to accommodate the new Harvey lathe.

Push Sticks

The shop has moved away from the use of push sticks in the shop in favor of the use of push handles. This is being communicated via email and a short video. Push sticks have been removed from the shop. Two members, Jim D'Anna and Mike Custard, have created an inventory of push handles in two sizes with two heights of 'feet' for everyone's use. There are currently thirteen push handles in general use in the shop. Be sure to check the condition of these handles before using them as they are sometimes damaged in use. They will be surveyed periodically and new or refurbished handles will be put out to replace the damaged ones.

Post the Problems

Remember to put a note on the white board near the door if a piece of equipment needs adjustment or repair. We will do our best to get the condition corrected promptly.

If you would like to help in this work, contact me.

Shop Housekeeping

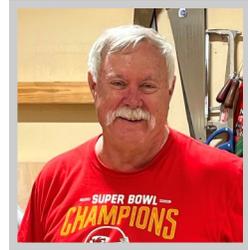
Ever wonder why the woodshop always looks soooo clean? Well, once a week a group of 5 or 6 woodshop volunteers work together to clean it up. Brian Frees is the committee chairman and every week he has a group leader—this weeks leader was Jim Nicolson. The team leader works with the volunteers to get the job done in a speedy and thorough process. Usually it takes about one hour for the team to perform all the necessary tasks.

In general, the clean-up process involves the following:

- Empty 10 wet/dry vacs
- Clean filters using water or air as required
- Replace some filters
- Empty Miter Saws and Saw Stops particle collectors
- Test Saw Stop vacuums
- Sweep and dust the shop
- Place clean-up debris outside for Friday pick-up



Brian Frees



Jim Nicolson



This weeks volunteers

*Watch the crew in action
2 minute version
Click here*

<https://youtu.be/OtPxr7D-ksg>

Equipment Tip for the quarter 20" Planner

**Powermatic 20" Surface Planner
209HH top of the line for general use.
20" wide boards**



Some of the features/highlights of the Powermatic:

- Used to reduce thickness of wood boards, also good for removing glue, pitch, paint, finishes and evening slightly uneven boards
- Smaller cuts result in smoother finishes
- The planner provides better results than the drum sander
- One revolution of table adjustment is approx 1/16"
- Recommendation - normal cut - half revolution
- Recommendation - maximum cut - one revolution
- Vacuum is on separate switch—make sure it is on when planning

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Excellent videos are posted on the woodshops website.
Check out the **Education Page (Videos)**

Powermatic video link: [SP-1 OTOW 20" Surface Planer Care/Use](#)

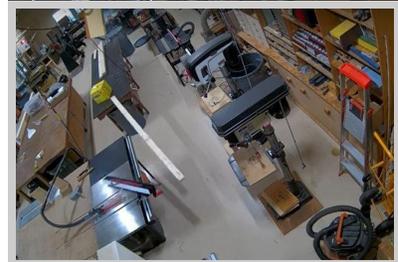
Safety Tip **Table Saw Kickback**

Table saw **kickback** is by far the **most dangerous** event that can occur on a table saw. Without proper care, you can get hit with a flying piece of wood or get severely hurt by a spinning blade. It is **extremely important** that **you** do everything possible to prevent kickback from happening.

A recent woodshop incident caused a **2X4X8 to travel 28ft** before hitting and damaging another piece of shop equipment.

Click this link to view the explanation of how this occurred:

<https://youtu.be/mYjzOAYbd2Y>



The following video explains how and why kickback occurs

From our Education pg [TS-2 Table Saw Preventing Kickback](#)

How do You Prevent Kickback on a Table Saw?

- Use a *Living Knife* —The first and most important way to avoid kickbacks.
- Use a *Push Handle or Push Block*
- Take the Right Position - A meaningful way to avoid table saw kickback is to position your body correctly.

*Check out additional videos posted on our website listed under **Education***

Table Saw

[TS-0 SawStop Orientation](#)

[TS-1 Table Saw Safety Tips](#)

[TS-2 Table Saw Preventing Kickback](#)

[TS-3 SawStop Table Saw Fundamentals](#)

[TS-4 SawStop Myths](#)

Sounding Board

OTOW Woodshop Club Member
John O'Brien received
Masters Award in Woodworking



Barbara O'Brien

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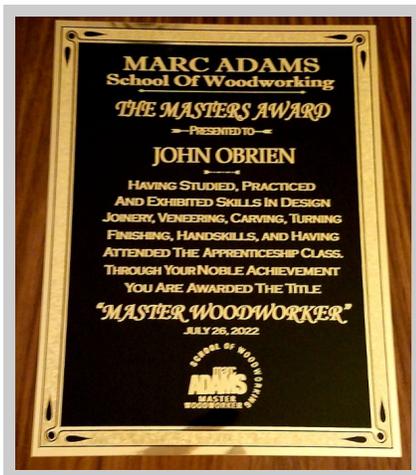
I am PROUD to announce that my husband John O'Brien has completed the prestigious Masters Award in Woodworking this Summer. This award culminates a multi-year commitment to learning fine woodworking from the best instructors in their field. The MASW Masters program is the most recognizable and credible woodworking certificate program in America which involves completing about a dozen week-long classes in all the various woodworking techniques. There have been less than 500 of these awards given out since the program's inception 30 years ago.

John asked that I include a link to this woodworking school that he spent so much time at.

<https://www.marcadams.com/masters-program/>

John received this award which he proudly displayed in his office next to the marquetry panel of Micky Mouse that Marc Adam's gave as a gift. Also shown is the engraved plaque that will be attached to the Wall of Masters that can be seen in the background.

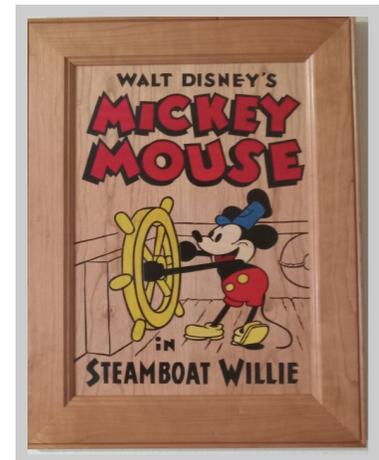
I just wanted to clear up the questions on his award and describe it so that our family and friends know all about his achievement. John says he is not done learning yet but he has checked off a huge item on his bucket list.



Masters Award



Marc Adams presenting
award to John



Mickey Mouse
Marquetry Panel gift

Editors additional comments.

Link to Marc Adams School website

[Programs – Marc Adams School of Woodworking](#)

Link to video tour of schools 6000 sq ft facility—check It out —quite impressive!

[Marc Adams School of Woodworking Tour 2018 - Bing video](#)

Education



David Keitz
Education Chairman

Turning Sessions

The latest series of turning sessions was concluded on October 18th. There were 8 participants who attended one three-hour session a week for six weeks with some homework done between sessions. A simple spindle turned item (twig pot) and a bowl were completed by each participant. Thanks to Mike Custard, Steve Warren and John Meeka for their help in this initiative. Another series is planned for the Spring.

Equipment Orientations

A series of equipment orientation sessions for the major pieces of equipment in the shop is to begin late in November. These sessions last two to three hours and most include some hands-on activity. They are for experienced and new woodworkers. Watch your email for a notice on how to sign up for these helpful sessions. SawStop table saw orientations are offered continually, every other Wednesday at 3pm. It is strongly recommended you attend one of these sessions before using the SawStop saw, even if you are experienced. Sign up for one on the shop Calendar on the website.

Video Library

Our library of locally made videos continues to grow. Ben Jernigan continues to perform a valuable service for the shop by shooting and editing our videos. Some are about current learnings and others cover routine use of our specific equipment or furnishings. They are all posted on the Education page of the website. If you are new or need a refresher, they are a good first step. If you have suggestions or would like to help with our education activities, contact me.

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Featured project

By Susan Yenne

Why buy a cabinet when you can make one?

With \$1,200 and 200 volunteer hours, the OTOW Woodshop has a new 8-by-4-foot cabinet to house lathe tools and maintenance supplies.

The idea started about three years ago with Dave Keitz, who asked the board for money and approval to replace a 30-year-old cabinet “that had become inefficient.”

With approval, he spent about 40 hours on the computer designing the cabinet – down to 1/32nd of an inch – and rounded up volunteers: Bob Kraus, Ben Jernigan, Bill Watts, Luke Mullen, Dave Keitz, Bill Cottrell.

Then came the shopping: 6 ½ sheets of ¾-inch plywood, 4 sheets of ½-inch plywood, hinges, full-extension ball-bearing drawer slides, various hardware, polyurethane and paint.



Bob Ben Bill W Luke Dave Bill C

“The cost of a sheet of plywood has shot up to \$80

for a ¾-inch sheet and \$65 for the ½-inch,” Keitz said. “The drawer slides were only \$7 a pair for 14 pairs.”

Work began in August and finished in mid-October. Various combinations of the volunteers would gather for 10 or 12 work sessions of three to four hours – although at least one went on for seven hours.

The team used a table saw, hand-held router, panel clamps, nail guns, gage blocks, straight-edge rulers, hand drills, router table, shelf pin drilling jig and lots of big clamps.

The cabinet has glued dado joints with some nail gun nails – except the back is dadoed in and screwed to the sides, top, bottom and cross shelf support pieces. The drawers are glued dado and rabbet joints with the bottoms glued and nail-gunned on.

There are 84 wooden pieces in the drawers and only nine pieces in the cabinet, not counting six adjustable shelves in the top section.

Were there alterations to the plans?

Cottrell remembers making double pulls for most of the 14 drawers only to discover a wider, centered pull worked better on the wide drawers.

When the 650-plus-pound cabinet was nearly finished and shoved into place, the shop area was reorganized for a new lathe and they found a better place for the cabinet – and added wheels to make future moves easier.



**Why buy a cabinet when you can make one?
continued**



Kraus became the group's troubleshooter. Watts spent a lot of time on getting the drawers together – a very precise operation. Jerrnigan was especially involved in the final assembly. Mullen was the main one to polyurethane the cabinet before paint. Keitz's wife, Jan, did most of the painting.

And who chose the paint color?

The group considered many colors, and Keitz ended up choosing a neutral brown.

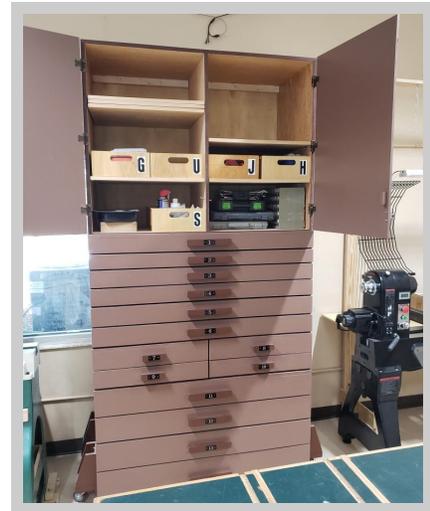
"Anything else on something this big would dominate in the shop," he said.

Once assembled, painted and moved to its new location, they realized the backside looked unfinished to anyone looking in one of the windows. Thank goodness they put on wheels to move it forward for more painting.

The best part of the job? "Getting done

"Testing drawers – and having a perfect fit."

"Just the joy of working together."



But there is an option for a little more work on it. The doors on the upper part of the cabinet look a little bare.



Woodshop President Bob Wilkes would like to have a contest to decorate the two doors. Wood would be the obvious choice for decor – but nothing too heavy that would pull on the hinges.

See next page for more contest info:

Shop Contest

After the new cabinet was put into place, several members commented "Looks great, BUT the upper doors are too plain."



My first thought was to create two 'wave edge' picture frames and mount a photo or poster in each. Nothing ornate, outrageous, or intricate. Maybe something like this:

***Let's make this a contest.
Send me your ideas.
I'll consolidate them and let the Board decide.
No prizes, mind you, just bragging rights.***

Bob Wilkes,

Each door measures 23 3/4" w x 31 1/2" h (clear of the latch)
The 'Index' sheet currently taped to the right door is temporary.
Commercially available poster sizes 24" w x 36" h are available for about \$15 and can be cut to fit.



***For more information
about the shop***

*Check out the website
www.otowwoodshop.com*

*questions/comments/
suggested topics/ projects etc
send them to us via the
"Contact Us"
page of this website*

(Important—Please include your phone number along with your name)

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Don't forget

***Annual Woodshop
Member Meeting
Thurs, Dec 8th
Meeting & Election of 2023 Officers
(10:00 AM in the H&R ballroom)***

*all Woodshop members are **encouraged** to attend*