

April 2020

Social Distancing Edition



Meet My Lathe

Because we are not meeting for the foreseeable future we will use our newsletter as a means of interacting with each other by introducing a new segment called “Meet My Lathe”. Here are some of the lathes that I have received so far.



Ray Case

German manufactured Stratos CO230 220V. 16” over the bed and up to 36” over the lower extension. The extension normally mounts on the right end to lengthen the bed.



Steve Bietau

My Powermatic 3520b doing what it does best, creating shavings!



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Meet My Lathe



Ross Hirst

This Jet 1642 is my big lathe. It's the same as the club lathe, only older.

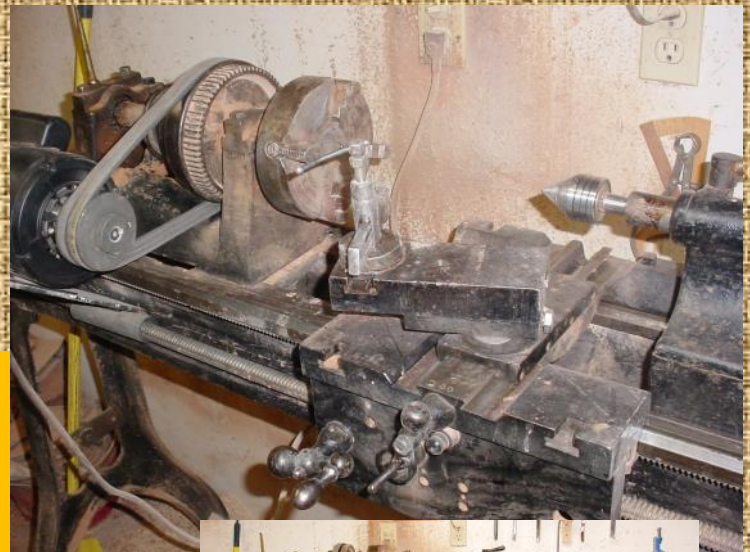
This is my little Delta midi. I bought this mostly for pen turning but use it for a lot of other projects. It's great to have more than one lathe so you can have multiple projects going.

This is an Oliver that was manufactured in 1930. It has grease zerks and oil cups. These days I use it mostly for buffing.



Victor Swartz

It was built as a metal lathe but I have used it successfully for over 50 years. There are absolutely no markings on the lathe to indicate make but I believe it to be a South Bend from about 1895. I have a picture of Orville Wright working on a lathe in his bicycle shop in the 90's and mine looks very much as his. The chuck is marked "W. E. Whiton Mach. Comp, New London, Conn, Pat. Sept 13, 1887, but it has an improvement that was patented in 1890. The tool holder is an Armstrong from the mid 90's. I bought this lathe in the late 1960's for \$15. I think I take the prize for using the oldest lathe in our club.

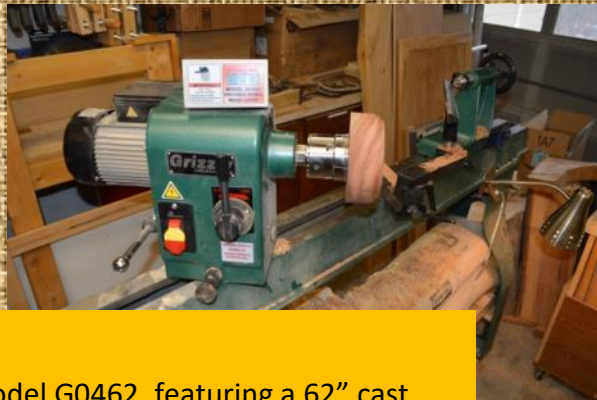


Meet My Lathe



Karl Dean

It is a Grizzly Industrial Model G0462, featuring a 62" cast iron bed, digital speed readout and a full swing-away head. I have added 240 lbs. of ballast and the frame is bolted to 4 - 1/2" I-Beam risers (I'm 6'5" tall, so this improves my work zone considerably). My current project, shown on the lathe, is an African Rosewood bowl. I won the 6x6x2 inch blank at one of our monthly meeting raffles.



Terry Schmidt

This is my Jet 1642 lathe. I purchased it about 8 to 10 years ago from woodcraft. It replaced an old Sears lathe that I purchased when I was in high school. It has been a real improvement and has allowed me to do much more than I could have ever done with the Sears lathe. If I was to advise anyone on a lathe purchase I would highly recommend one that has a variable speed control.



Meet My Lathe

Joe Davis
Powermatic 3520



Barbara Drolet



April 2020

The Call of the Lathe



Hello all.

I hope and pray that each of you are doing well in the midst of these trying days. Isolation and lack of normalcy can affect each of us in many different ways. Please hold on to the hope that one day we will be back together and experiencing our club meetings with new found excitement.

Our hobby is uniquely suited for this current turn of events. We still have the ability to use our lathes in the privacy of our own homes and unless you don't have any wood you should be able to turn to your hearts content. I find turning can be very therapeutic and often is a nice break from the world around us. So, "Dr. Ray" is giving out a prescription for unlimited turning rights to all club members. If any other family member has problems with that then please don't have them call me, because I might be to busy in my shop to take the call.

Actually, I work for a place that is considered critical and have been working overtime. Many of you might be in similar situations and are feeling the strain of this season. So thank you for your time and service doing whatever it might be.

At some point we will see a decline and a loosening of the restrictions currently in place. Once the board feels it is safe and appropriate to meet again, we will resume with

our club meeting. As you have seen already in this news letter, we are still striving to stay in contact and maintain some level of connection with each other. You will see some new things in the newsletter such as "Meet My Lathe" and we will be showing some of your turnings you are producing at home during this time. If you have suggestions for additional items for the newsletter please send them my way and we will consider them. It was suggested that we try some kind of virtual meeting but at this time we do not have the time or the expertise, besides that might mean that a few of the members would still have to get together. With the current stay at home order we have decided not to pursue this for now.

Again, I would encourage everyone to check out the AAW videos or YouTube has hundreds of excellent ones as well.

Finally, if for some reason you are in need of any kind of assistance that you think the members could provide, please do not hesitate to contact me and we will see what can be done for our fellow brothers and sisters.

"Turn what you Love and Pass on the Love"

Ray Case—President

Club Minutes

Mar 7th 2020

President: Old/new Business: Continuing and new members were encouraged to get their \$35 membership dues paid to Ross Hirst for 2020. Benefits to members include the monthly meeting, skill enhancement sessions, access to the free library, the monthly newsletter, access to mentors and discounts at many woodworking vendors.

The SAVE farm is looking for some volunteers and possibly some part time paid employees to help with building bee boxes.

Members are encouraged to learn something new or expand your skills by taking advantage of the Club's mentoring program. This program utilizes the vast array of expertise available within the club. If you would like to be a mentor or be matched with a mentor, please see the Club's VP, Robert Kloppenborg.

The transfer station in Manhattan often will notify Ray when wood is dropped off in case it is of interest to wood workers/turners. Ray will send out emails to the membership to let them know about such opportunities.

Reports:

VP and Secretary: No reports

Treasurer: Dues are due for 2020. New members will receive a laser carved FHWT name tag for free. The treasury balance to date is \$5315.

Operations: Steve Bietau reminded members that the Club would be participating in the "Meet the Makers" public demonstration event held at the Manhattan Discovery Center on Monday March 9th.

Programs: Matt Monaco is confirmed for April 3-5. He will demonstrate decorative effects on bowls and boxes. Check out his website at monacobowls.com to get an idea of the expertise Matt has. He will do bowls for the Friday workshop and boxes for the Sunday workshop. He will likely do a combination of them for the Saturday Club demonstration. On Saturday, we will have Show & Tell as usual and then go right into the demonstration by Matt. This will be followed by a pizza lunch (donations welcome) and then an afternoon demonstration. We will need to be finished by 3:00 pm. Friday and Sunday workshops at Tom's shop will cost \$75/person. This will cover the cost of the

workshop and the wood blanks. There are a couple spots still left for the workshops. Additional lathes are being identified so that 8 can be accommodated. Workshop attendees should bring their own tools and lunch.

We need a demonstrator for May. Following the May meeting we will have our 5th Anniversary gathering. As in previous years, the Club will furnish the meat and members will be asked to bring a dish to share. Families are welcome!

Raffle items won this month by participating members included Woodcraft Supply certificates, redheart wood block, a diamond sharpening stone, Doctors Woodshop high build friction polish, abranet abrasive set, and the grand prize was an inertia sander.

Demonstration: Tom Boley gave an excellent demonstration on how to turn the oval vase which he brought to Show & Tell in January using a vacuum chuck. Vacuum chucks are very convenient for mounting almost-finished work to remove tenons, re-mounting a piece of work after having removed the tenon, and reducing constraints of how work is held on the lathe which can open up a few different avenues for experimentation. Tom provided pertinent information on what equipment is needed, potential vendors and approximate pricing, and how to configure the vacuum chucking system. He used the vacuum chuck to hold a round blank to shape one side and then reversed it to duplicate the shape on the other side. When that was completed, he mounted the piece on a screw chuck to hollow out the top a little bit and a Jacobs chuck to hold a Forstner bit to drill a hole for a glass vial. He then used a box scraper to slightly enlarge the hole to fit the vial and mounted the vase on the cut-off section with a 1/4" dowel. You can find much more information on vacuum chucks by doing a quick search in AAW Resources (woodturner.org).

The next meeting is April 4th.

Barbara Drolet—Secretary

Board Meeting

Mar 7th 2020

Minutes

Attendees: Ray Case, Barbara Drolet, Ross Hirst, Dennis Biggs, Steve Bietau, Tom Boley, Bob Holcombe

IT: The Club pays for both .com (\$35.98) and .org (\$41.98) names and there is a fee for hosting the info on the website (\$359.76) and the SSL renewal (\$159.88). The total is \$598.42 to continue as we are for two more years with a 25% discount for doing so. The board approved this expenditure. Tom would like someone else to take over management of the website. This involves updating the calendar with skill enhancement and 'you gotta eat' dates, uploading the latest newsletter and updating info regarding the next program demonstration. Ray and/or Bob will ask Ned Gatewood who has shown some interest.

Matt Monaco is confirmed for April 3-5. He will demonstrate decorative effects on bowls and boxes. He will do bowls for the Friday workshop and boxes for the Sunday workshop. He will likely do a combination of them for the Saturday Club demonstration. For Saturday, the Club will order pizza and will ask for donations from members. Ross will donate bottles of water. We will need to be finished by 3:00 pm. It was decided the workshops will be \$75/person with 8 people maximum per workshop to be held at Tom's shop. Additional lathes are being identified so that 8 can be accommodated. Workshop attendees should bring their own lunch. Tom will help get wood for the workshops. It was decided he would get poplar for box and bowl blanks. The extra \$5 per person (\$75 not \$70 as proposed last meeting) will cover the cost of the wood. Ned will be hosting Matt at his home. In recognition of this generosity, the Board agreed to offer Ned free attendance to one of the workshops of his choice.

Skill Enhancement is struggling with attendance. Several

thought occasionally we could do a more directed SE session. A suggested topic or maybe aligned with that month's demo. The club could cover the wood but encourage members to bring their own. Tom suggested having a stock of bowl blanks and spindle blanks available. Ray suggested having a set of 5 skills to cover throughout the year. Tom and Dennis will work on a list of specific skills for the year.

Mentoring program is not really active. The Club VP used to keep track of what equipment everyone has and a list of willing mentors. That way one-on-one mentoring could occur. Is there still interest for that within the club? The board will ask Robert to start lists of equipment (lathes, sharpeners, band saws, shop vacuum systems) as well as members willing to be mentors.

Vendor discounts: the board will ask Robert to compile a list of vendors who are willing to give members a discount in exchange for contact information.

Ross has a current membership list. At the time of the meeting there were 46 paid members.

Club equipment purchases: The club is purchasing a 6" short tool rest. The board agreed to purchase a handheld microphone.

The next board meeting will be in May.

Meeting adjourned.

Barbara Drolet—Secretary



Programs

Flint Hills Woodturners Calendar of Events

Upcoming demos:

Tom Boley will give the March demo on making a beautiful unusually shaped vase with the assistance of a vacuum chuck.

I hope that the club is ready for our professional weekend with Matt Monaco from Springfield, MO in April. We still have room for more members to sign up for the workshops on Friday and Sunday.

As al-

ways

please con-

sider volunteering and also if you have ideas for demonstra-

Mar 7th	Monthly Meeting Tom Boley Vac	Go
Mar 16th	YA	
	Skill Enhancement 7:00-9:30pm	Red Oak Hollow Lathe Works, Wamego
Apr 4th	Monthly Meeting Matt Monaco	Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan

Until further notice all club functions have been cancelled. Please follow the recommendations from the state and local officials.



Home Gallery Show and Tell



Victor Swartz

This is my version of a French glass vase. Lower body is maple; dark green upper body/neck is rainbow poplar. Rim and narrow center line are sapele; square base is sapele and black limba. Handles, narrow leg and toes are walnut; fleur de lis is an ink jet transfer.

This plate is 12" made of flame box elder from Georgia. I think the worms are all dead or moved out.



David Delker

Maple plate with aged copper finish. Diameter is 7.5 inches.

Bottle stopper made with bocote wood.

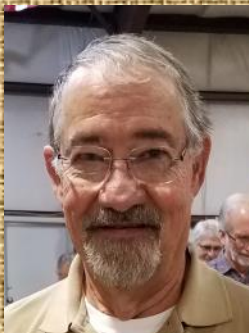
Princess pen made with pink ivory wood.

Home Gallery Show and Tell



Terry Schmidt

I was inspired to make this walnut bowl from a picture in the August AAW magazine. As usual it does not match the one in the magazine. My project was to have two rows of walnuts but after accomplishing one row I decided not to stretch my luck with my first try. My challenge was how to turn the nuts after flattening the nut and gluing them to the base. I learned quickly that glue will not hold unless the nuts were secured by a segmented ring so I sanded the tops of the nuts flat and glued the segmented ring in place. When I completed the bowl I decided to make a lid. A nut for the handle seemed to make the container complete.



Dennis Biggs

I wish for all FHW members to be safe and well in these unusual times. I thank you all for your friendship and miss our times together. As you can see, I have been busy in my seclusion.



Home Gallery Show and Tell



Joe Davis

Spalted Maple bowl 12" diameter

Kentucky Coffee Tree natural edge bowl 9"

Community Involvement



Flint Hills Woodturners volunteers: Ross Hirst, Karl Dean, Tom Boley

Monday, March 9, Flint Hills Woodturners took part in the "Meet the Makers" series at The Flint Hill Discovery Center. The demo took place from 10:00 am- 5:00 pm and was staffed by the following club members: Tom Boley, Jerry Connery, Karl Dean, Ross Hirst, Bob Holcomb and Ross Hirst.

Peter's Corner



Using a Router to Decorate Bowls & Platters

I was inspired by what Joe Davis shared with the Club at the February meeting on indexing and, after making my own Lexan indexing systems, I combined some techniques that John Lucas wrote about in the February 2020 *American Association of Woodturners* magazine in his article on p. 26 to decorate a wide-rimmed bowl.

I have a Jet 1642 lathe and a Bosch "Colt" 1.25 hp router that I used for this project. Working from the examples built by John Lucas, I made a 22" x 11" working table to which I mounted a 1" metal post that fit the Jet banjo. In Figure 1, I show the underside of the table. I used a 3/4" threaded pipe mount and machined the pipe diameter to fit the banjo.

Figure 2 shows how the table fits in my banjo. The arrow in the figure points out a 1 1/4" PVC pipe section that I use as a "shim" to set the correct height for my router. The center of the router in its mount on the table should line up with the center of the lathe when I have this shim installed. You will note that I mounted a 3/4" x 1.5" fence on the left edge of the table that acts as a straight edge against which the sled will slide.

Figure 3 shows how I mounted my Bosch router onto a small "sled" (the ruler is for scale). Figure 4 shows the sled from the side. I made the sled from a 9" x 4" x 1/2" sheet of A-faced plywood to provide a smooth surface so it slides easily on the table. The seat for the router is made from 3/4" oak that I glued into rabbets on the plywood. The metal straps were made from 1/16" x 1/2" aluminum sheet with a 1/2" foam pad glued on, and the straps are held in place with 1/4" x 20 screws threaded into threaded inserts in the oak seats.

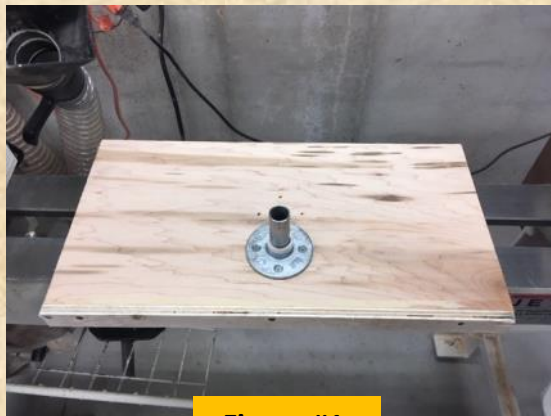


Figure #1

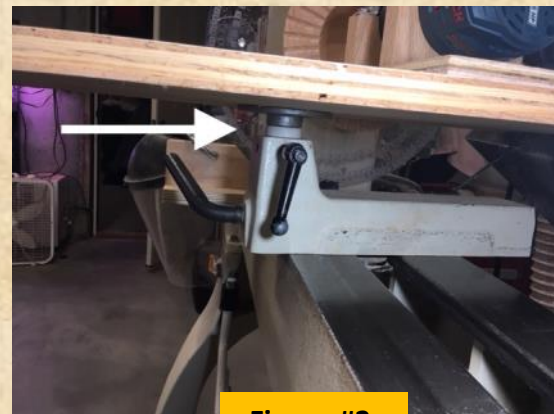


Figure #2



Figure #3



Figure #4

Peter's Corner

The bowl I made was from coffee wood, is 7" in diameter, and about 2.5" deep. The bowl blank was mounted on a chuck, turned to finished dimensions, and sanded to 600 grit. I left the bowl edge at 1/4" thick, since I planned to router cut the edge. Figure 5 shows my indexing wheel (with both 3° and 5° markings) mounted on the lathe spindle and the bowl mounted on the chuck. I use a rubber gasket between the Lexan indexing wheel and the steel chuck to be sure the chuck is nice and tight against the wheel and cannot spin loose as you advance the router, which applies some torque to the piece as it cuts (I learned from experience). The indexing wheel stop is on the left side of the photo (Joe's design). In this figure, you can see that I have adjusted the table fence to be perpendicular to the rotation axis of the bowl.

In Figure 6, you can see a close-up photo of the router being set to the proper depth of cut. I made a shim of 1/8" lumber, shown between the arrows, that I put against the table fence and adjusted the router so that its rotation axis was parallel to the lathe axis and the point of the router bit was touching the work surface. The shim was removed when I made the cuts (see Figure 7). Note that the router sled was made with two wood screws that I used to set the depth and parallelism of the router axis.



Figure #5



Figure #6

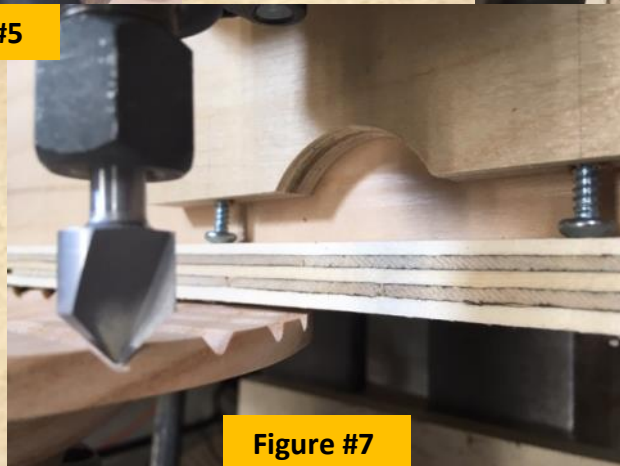


Figure #7

Peter's Corner

The final bowl is shown in Figure 8. I used a 10° index pattern on this piece, which gave me 36 grooves in the bowl rim. I selected this index based on the bit I was using, the width of the cut, and how much wood I wanted between each cut – nothing magic here. A larger diameter bowl might look better with a smaller index angle. A careful reader will notice the small crack at the bottom of the bowl that occurred during sanding of the piece, so this will just be a demo bowl.

The technique for routing the bowl follows the standard router practice of moving the cutting surface into the work from left to right, which applies torque in the downward direction to the piece on the left side (thereby loosening the chuck). You can plan for this by using a set screw in your chuck mount if you have one.

When making the cuts, I only use the router on the left side of the piece, routing from the outside edge in towards the center, but you could cut all the way across the piece, realizing that you may have tear out at the edges. This will vary with wood and grain direction, so tread lightly. You'll also want to be aware of wood scorching by your bit, so practice on similar wood with various router speeds and rates of cut before working on your piece.

A few words about safety. A router mounted in this manner presents a hazardous working condition that requires your attention. My Bosch Colt has a manual switch, not a "dead man" switch that some routers have. In my case, I switch the router off after each cut before adjusting the piece to the next index point. Since the chip shield is not in place on this router as it is mounted, I wear a face shield when making cuts since the chips do fly right back at you! As a final precaution, I wear ear protection when using a router, too.

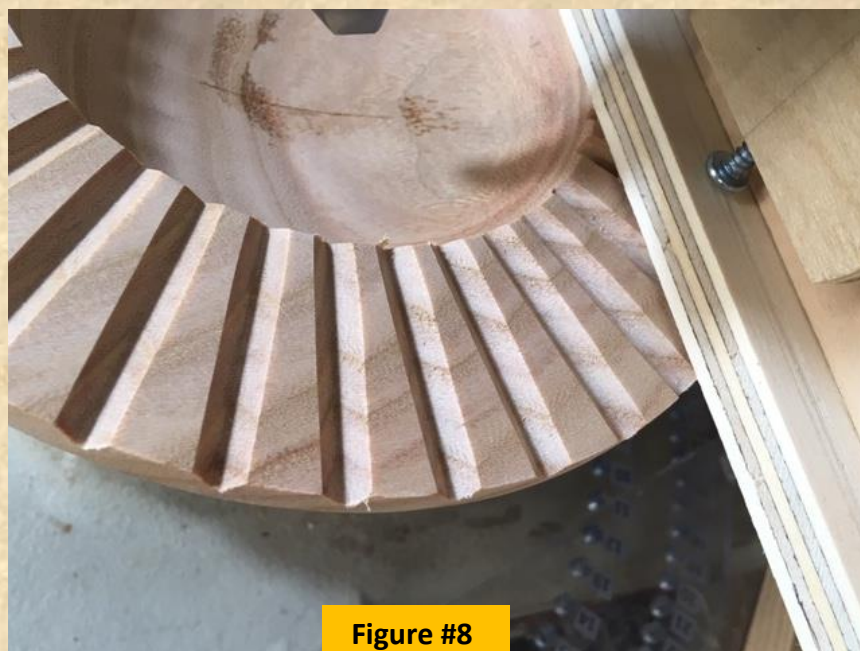


Figure #8

Some of my Favorite Tools

By: Ned Gatewood

Oh, My Aching Back – No More!

If your wood turning projects begin with a log and a chainsaw, then you too probably know what a pain in the back it is to spend a few hours sawing a log with a heavy chainsaw while the log is on the ground. Bending over while sawing is just a big pain. But no more!

Here's a simple tool that takes an hour or two to make from scrap lumber, and it gets those logs up off of the ground to a height that makes them easy to work with when sawing. Take a look at the picture below. The design can be flexible, but just make sure the tool's height is comfortable for you. Whatever metal fasteners you use to hold it together (screws work well), make sure they are not near where the chain saw will be cutting. I made mine from 2 x 6's, but practically any size lumber will do. And this stand is no place to be overachieving as it will likely spend its days in the rain and sun, and with use it will soon be cut-up beyond recognition, so leave your aesthetic senses at the lathe. Go ahead and cobble one of these together – it will take only a couple of hours - and your back will be glad you did.



Flint Hills Woodturners is a 501(c)(3) non-profit composed of individuals who are interested in learning and promoting the art of turning wood. Formed in March 2015 for hobbyists in the Flint Hills region of Northeast Kansas, the club welcomes all interested people to visit our meetings to get a sample of this inspiring hobby. You will find warm people from novice to expert willing to share with you. Flint Hills Woodturners is a chapter of the American Association of Woodturners (AAW).



President

Ray Case

president@flinthillswoodturners.org

Vice President

Robert Kloppenborg

Secretary

Barbara Drolet

Treasurer

Ross Hirst

Program Director

Dennis Biggs

Operations

Steve Bietau

Member at large

Bob Holcombe

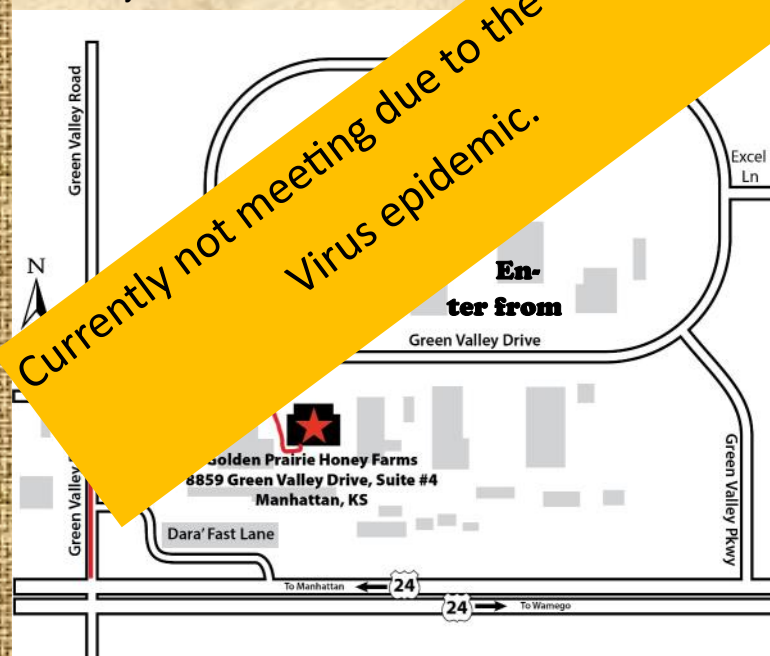
Past President

Tom Boley



Unless otherwise announced, meetings are held at
8859 Green Valley Drive, Suite #4, Manhat- tan
KS

Meetings start at 9:00am but come
any time after 8:00am.



The American Association of Woodturners (AAW) is a nonprofit 501 (c)(3) organization, dedicated to advancing the art and craft of woodturning worldwide by providing opportunities for education, information, and organization to those interested in turning wood. Established in 1986, AAW currently has more than 15,000 members and a network of more than 350 local chapters globally representing professionals, amateurs, gallery owners, collectors and wood / tool suppliers.