

November 2020



**November 7th at
9am (early birds at
8:30am)**

**Virtual Zoom
Meeting with Live
Interactive
Demonstration**

Ray Case will be our demonstrator for the November meeting. He will be turning a Rudy Lopez inspired twice turned bowl. The bowl will be turned from a walnut log that allows for the lighter colored outer layer to stand out on the edge of the bowl. Walnut inner wood is much darker and therefore provides a great contrast and unique look.



Flinthillswoodturners.org

November 2020 Presidential update



Fellow Flint Hills Woodturners –

A special thanks to all the FHW members who participated in the show at the MAC last month. We had a good turn out of volunteers to help jury, set up, and take down the show, and a few even had a chance to share their skills on two Saturday demonstrations outside the MAC. Our operations officer, Steve Bietau, arranged for demonstrations on Oct. 10th and 17th, which included members Ross Hirst, Dennis Biggs, Tom Shields, and yours truly.

Ross shared his pen-making skills with visitors to the MAC's Saturday music sessions and a few neighborhood locals, and I took the afternoon stage making bottle stoppers for the audience. The next Saturday, Dennis showed the crowd how natural edge bowls can be made, and Tom, no stranger to the MAC, turned maple into bowls.

As part of our charter, we operate to not only share our passion and art with each other but we also strive to share that art with the public. The MAC show was a new opportunity for us. Sandy Mead, the MAC Office Manager was instrumental in helping us coordinate our show, and she shared that over 26 people signed the guest registry in the show room, and she coordinated \$245 in sales of our items. She mentioned that a lot of others wandered through the show but didn't sign

the book. This really wasn't a bad showing given that the MAC has been operating under reduced hours and with fewer shows than normal during the pandemic.

When we return to some level of normalcy regarding gathering activities, I hope that the FHW will consider another show, perhaps closer to the Holidays, when we may see more foot traffic. In the meantime, November is a great time to sharpen up your tools and start making gifts for your friends and family. Who wouldn't want a Pandemic Platter or Pen for a Holiday gift this year?

Keep your tools sharp,

Peter

2021 Candidates to vote on at our November meeting.

President—David Delker

Vice President—open

Secretary—Barbara Drolet

Treasurer—Ross Hirst

Operations—Tom Shields

Programs—Steve Bietau

Member at Large—Tom Boley







Pictures provided by Karl Dean

AAW | AMERICAN ASSOCIATION
OF WOODTURNERS



**Virtual meeting
Zoom access
link**

Raymond Case is inviting you to a scheduled Zoom meeting.

Topic: Flint Hills Woodturners

Time: Nov 7, 2020 08:30 AM Central Time (US and Canada)

To join the Zoom meeting click on the blue highlighted section below:

<https://us02web.zoom.us/j/81462555962?pwd=TVg4MFVudzNyMmlwaFZQZEhUK3BaUT09>

Meeting will be open for social time from 8:30am to 9:00am.

9:00am start meeting with show and tell.

Flint Hills Woodturners YouTube Channel



Flint Hills Woodturners

23 subscribers • 8 videos

Flint Hills Woodturners club videos.

Check out the latest video that has been posted to the club channel. Also a video of last months Banksia Seed Pod demonstration is also available on our channel. <https://www.youtube.com/watch?v=wsfFtSxknOU&t=17s>



Concentric double hollowed tori

80 views • 1 week ago

https://www.youtube.com/watch?v=8YshJq4B_IQ&t=2s

A torus is a surface or solid formed by rotating a closed curve, especially a circle, around a line that lies in the same plane but does not intersect it (e.g., like a ring-shaped doughnut). In the video I used a 180+ year old log from a log cabin near Wamego KS. The log is from a cabin known to be used during the Underground Railroad time frame. The turned piece is a variation on a single hollowed torus. The piece has concentric tori. The outer torus is hollowed on one side and the inner torus is hollowed on the opposite side.





Ya Gotta Eat

Tuesday November 17th

Back room

Noon

Show and tell

welcome



Home Gallery Show and Tell



Victor Schwarz

I call this my fish platter. The bottom is a checkerboard made of padauk and red oak. A fish inlay represents the early Christian symbol which was an acrostic meaning "Jesus Christ Son of God, Savior". The Greek word for fish was Ichthus and provided the first letters of the saying. The segmented rings are not layers but rings attached one outside the other. In order from the middle are fir, flame box elder, sapele, catalpa (with padauk inlaid crosses) and walnut. It is finished with epoxy.



Home Gallery Show and Tell



Dennis Biggs

Mark Queen's wood

22 bowls roughed out, end grain coated and put away in paper bags. I think they will be nice. Elm and willow. Fun afternoon with fellow lumber jacks.



Peter's Safety Corner



With the Holiday season soon upon us, we will likely find ourselves spending more time in our shop getting gifts ready for friends and family. We may also find time to enjoy a hot cup of cocoa next to a roaring fire – if you're like me, that fire is probably stoked with a few "mistakes" made in the shop: that hollow form that got away or the bowl whose inside diameter exceeded the outside diameter.

Whether you have a wood burning fireplace or stove in your home or shop, you should always be prepared for managing a fire in your home or shop space. We work with wood (flammable), finishes and solvents (most are flammable), or hot tools (for wood burning or brazing). You should be aware of the different types of fires and have an appropriate and up-to-date fire extinguisher at the ready in your shop.

There are actually 5 types of fire extinguishers that are readily used in home and most work environments. The US Fire Administration has a web site that explains each and how to use them: <https://www.usfa.fema.gov/prevention/outreach/extinguishers.html>

Type A: cloth, wood, and paper (these are water-based extinguishers)

Type B: flammable liquids (grease, oil, paints) and typically contain pressurized carbon dioxide

Type C: electrical fire, typically contains a dry chemical

Type D: metal fire, usually ignited when welding, a different dry chemical from Type C

Type K: hot oil, cooking oil in commercial kitchens/businesses, uses a special foam chemical

You may also find some specialty fire extinguishers that use a chemical called Halon, which suffocates the flames of most fires.

A few tips:

Never use water (Type A) to put out an electrical or grease/oil fire (Type B, C). It can make the fire worse!

Never use a pressurized carbon dioxide extinguisher (Type B) on a paper/wood fire – it can blow burning embers around and make the fire worse.

Your best bet for your home is a combination extinguisher (Type A-B-C) that uses a chemical powder to suffocate the fire, and it is not an electrical conductor (for Type C fires).

If you do a lot of welding, consider getting a Type D extinguisher – but they are expensive!

Member recognition

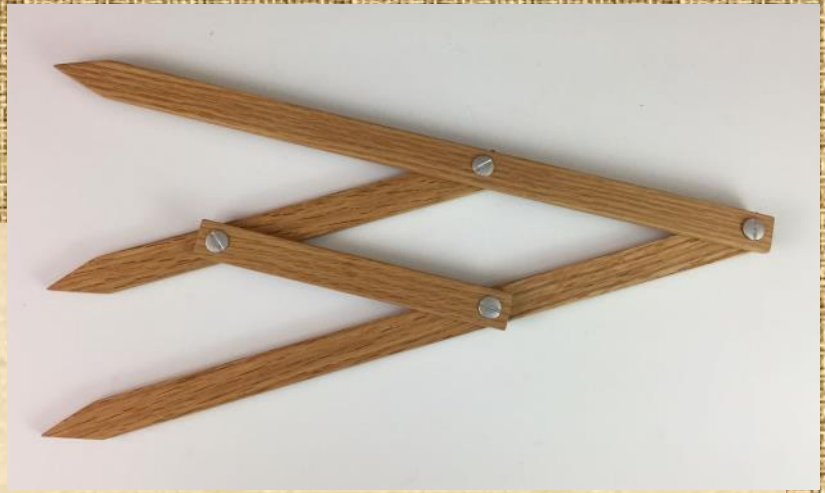
Ray Case has done a lot for our Flint Hills Woodturning club. He first served as Vice President from July 2016 to Jan 2019 when he was elected as our second president. Ray has served as President from 2019 to September 2020 when he had to step down to have more time to help care for his wife Janelle who has been dealing with some health issues. When Bob Holcombe, our newsletter editor, retired from Kansas State in April 2018, Ray stepped into that role and has done a terrific job of carrying on Bob's excellent work and has continued to improve our newsletter, a vital part of FHW communications. One of Ray's major accomplishments has been bringing us into the electronic world through acquisition of equipment and development of

the ability to hold our own woodturning demonstrations through Zoom club meetings. In recognition of his many hours devoted to FHW, the Board decided to present Ray with a special gift, a Jimmy Clewes 3/8" bowl gouge in a Doug Thompson handle engraved "Ray Case FHW President Jan. 2019 to Sept. 2020"

Thank you, Ray. We are most grateful.



Golden Ratio Calipers



The Golden Ratio (aka the Golden Mean or the Divine Proportions)

The Golden Ratio (sometimes known as the Golden Mean or the Divine Proportion) is based on the Fibonacci series in which the sum of the two previous numbers is the next number in the sequence: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, ...

The ratio of each successive pair of numbers approaches **1.618** and is known as phi (Φ). Φ also can be calculated using this formula:

$$\Phi = \frac{1+\sqrt{5}}{2}$$

A Golden Ratio Calipers for Woodturning

Here is a simple shop-made tool that can be useful in determining if an object's proportions conform to the Golden Ratio. The general dimensions are as follows:

Total length $AB = AC$

$EB = ED = FC = 0.618 \times AB$

$AE = AF = EG = FG = (AB - EB)$

Example:

If $AB = 14$ inches, then $AB = AC = 14$ "

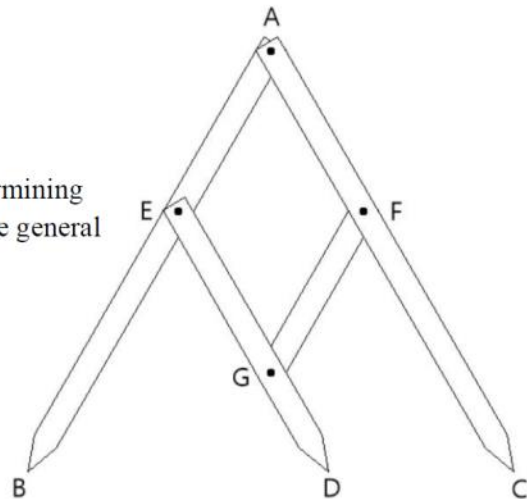
and $EB = ED = FC = 0.618 \times AB = 8.652$ "

and $AE = AF = EG = FG = (AB - EB) = 14" - 8.652" = 5.348$ "

Note that the dimensions given are from the pivot center point to the tip or from one pivot point to another. I made the example used in our demonstration using $3/4" \times 3/16"$ strips of wood. The pivot points are fastened using "screw posts with screws" from Menards (part #86146). Hobby Lobby sells similar binding posts in their scrapbooking supply area.

In actual use, the distance BD will always be 0.618 times the distance BC .

Try making one out of cardboard and thumbtacks if you don't have the patience or time to build one out of wood!



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).



Interim President

Peter Dorhout

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

Ray Case



Unless otherwise announced, meetings are held at 8859 Green Valley Drive, Suite #4, Manhattan, 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.