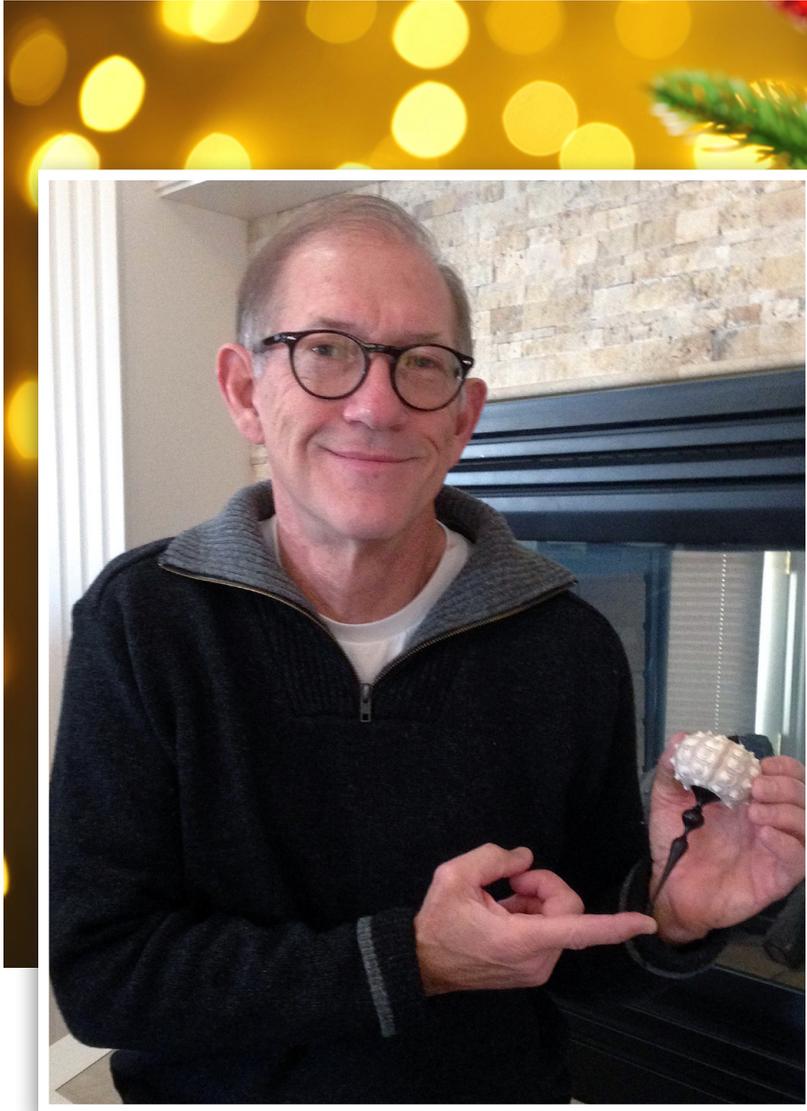




<http://flinthillswoodturners.org>

December 2017



Just in time for the upcoming holidays, Tom Shields will be demonstrating how to turn a Christmas tree ornament from a sea urchin shell at our December meeting. The result will be a beautiful keepsake that will be treasured for generations to come.

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# The Call of the Lathe – December 2017

There have been a few days when I could be in the shop with the door open but more often than not, I have had the heat on. For those of you who have your shop, er, studio, in the garage with no heat, your days of comfortable turning are about to end until spring. Once again, you are welcome to come here and turn when it is just too cold to work at home.

Great news: We are going to be moving to our new location for our December meeting. The newsletter will have a map and details about how to find the place along with a couple pictures. The entrance will be around back but we will have a Flint Hills Woodturners sign on the door so you will know where to enter. I think they have enough chairs there that we will not have to continue taking our own chairs. I'll check on that and let you know before the meeting. We will be using our Delta Midi lathe but the search is on for a suitable full size lathe. We have purchased a 55" TV so you can better see what is going on at the lathe. We will also be trying out a sound system as the room we are in is pretty big with high ceiling so sound is not as well contained as in our current space. I know we will have issues which we will have to fix but your officers are working hard to ensure success in this move.

Speaking of your officers, I want to thank Ray Case, Ned Gatewood, Tom Shields, Dennis Biggs, Steve Bietau, and Bob Holcombe for their willingness to take on the

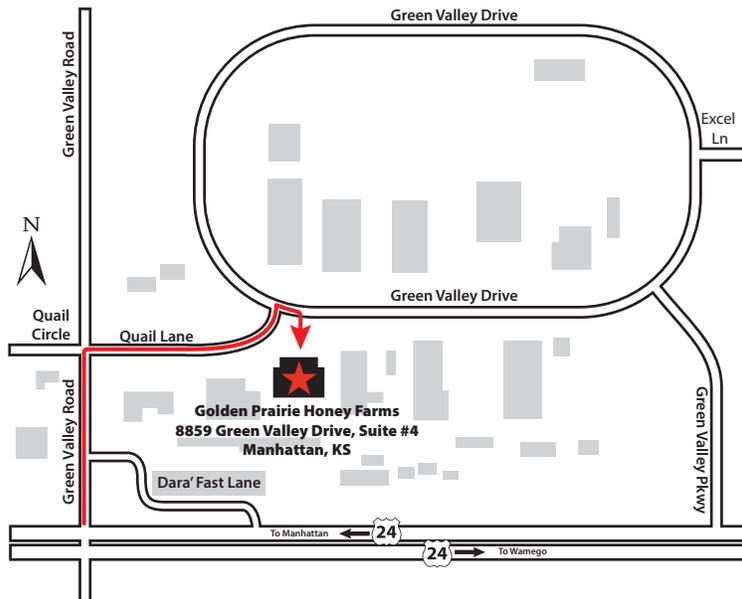
responsibilities of VP, Secretary, Treasurer, Programs, Ops, and Newsletter for 2018. And a big thank you to David Delker for his leadership and his efforts in ensuring we had great programs while he was Program Director. Personally, I think the jobs of Program Director and Newsletter Editor are the two most important officer positions in a woodturning club and you both have done great work on our behalf in those jobs. Many thanks.

As we approach our December meeting, be mindful of presents you may wish to make for friends and family and get started soon. Remember, it isn't just the making but the finishing which can take a lot of time. Some great gift ideas are pens, bottle stoppers, bowls, vases, candlesticks, and the myriad little tools which you can find in any of the woodturning catalogs. I have always enjoyed making something at the lathe but especially when I had a particular recipient in mind.

Will 2018 bring a new lathe, a couple new tools, some exotic wood, a trip to the symposium in Portland or one of the regional symposia, or just more time at the lathe? Whichever it may be, be safe and enjoy the work when you hear The Call of the Lathe.

— Tom Boley, President

## New Meeting Location



# Use of the Oneway Stronghold Chuck

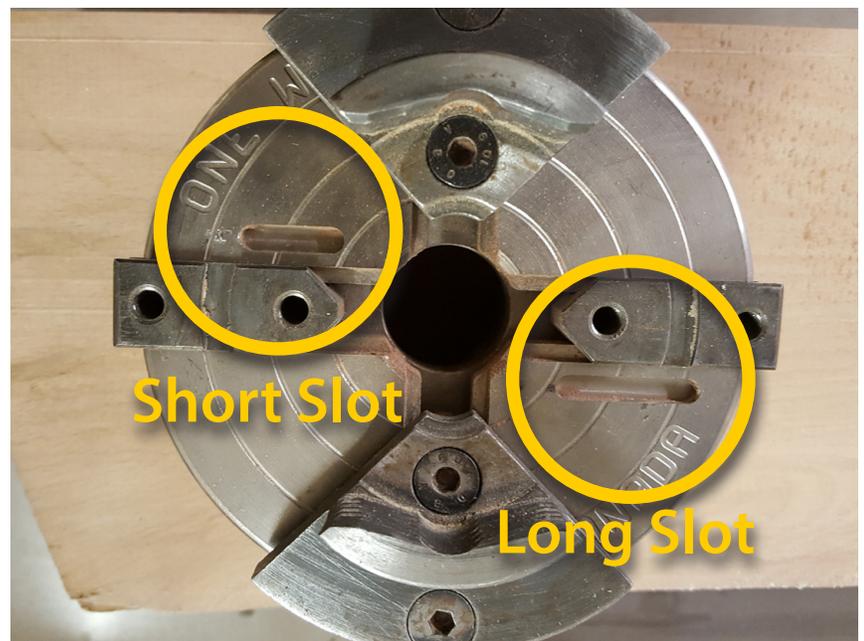
Oneway makes great products and one of them is the Stronghold chuck. I don't have any other Oneway chucks so don't know if this same mechanism is used in the others or not but this article is about the Stronghold.

As with most 4-jaw chucks, Oneway sells the #2 jaws with the Stronghold body but will also sell a chuck body by itself as well as #1 through #6 jaws and two sizes of Cole jaws. All are similarly configured. The jaws aren't numbered so three of them will fit on any traveler but one has a small pin sticking down from the bottom of the jaw as seen in this picture. The jaw on the top has the pin and the jaw on the bottom merely has that hole. Look at the picture of the top of the chuck. There are two jaws in place and two missing but alongside the traveler, you can see slots in the top of the body. One slot is long and one short. The jaw with the pin MUST be screwed to one of those travelers so the pin which sticks down from the bottom of the jaw will extend into the slot. That restricts extension of the traveler and jaws to only within the length of the slot. The shorter slot prevents the jaws from extending out past the

body of the Stronghold. If the jaw with the pin is in the side with the longer slot, the jaws will extend to their maximum width but the travelers are prevented from extending so far they fall out of the body of the chuck. That is a good thing as it can be difficult to get all the travelers back within the chuck mechanism in the right order so the jaws close evenly.

When you are using someone else's chuck and have to swap out jaws, pay attention to how they go together. If you are not familiar with that chuck, ask before you put it together. Some jaws and travelers are numbered so they must be matched. For example, Nova jaws are either numbered or have one, two, three, or four tiny bumps on the bottom of each jaw corresponding to the number on the traveler. The Oneway jaws are not numbered so are completely interchangeable except for the one with the small pin sticking down from the bottom as explained above. Four-jaw chucks are terrific but when you use one, note how it works so when swapping jaws, you will put it together correctly so it works the way you want.

— Tom Boley, President



# Meeting Minutes — November 4, 2017

The monthly meeting of the Flint Hills Woodturners began at 9:00 a.m., November 4, 2017 at the Red Oak Hollow Lathe Works, 4025 Walnut Creek Drive, Wamego, Kansas. President Tom Boley called the meeting to order.

The meeting began with Show and Tell. Karl Dean, Victor Schwarz, Danial Joseph, Bill Mathewson, Tom Boley, Ross Hirst, Ray Case, Tom Shields, Dennis Biggs, and Robert Kloppenborg shared with the club their recent work.

## Officers' Reports:

President: Tom Boley reminded members today is our annual corporate meeting and we will elect new officers for 2018. The following slate was proposed:

President	Tom Boley
Vice President	Ray Case
Secretary	Ned Gatewood
Treasurer	Tom Shields
Program Director	Dennis Biggs
Operations Director	Steve Bietau
Newsletter Editor	Bob Holcombe

The proposed slate was voted on and approved by the membership.

The board has been discussing several revisions to the club's Standard Operating Procedures (SOP), and a handout of the proposed changes was available to members at today's meeting. The proposed SOP was voted on by the members and approved. Discussion included the amount the club pays for a demonstration by a visiting demonstrator at a regular club meeting. Members in attendance will be charged between \$5 and \$20 to help cover the cost of the demonstration. The amount to be charged will be determined by the board, and this was approved by the membership. Also discussed and approved was to give new members a club name tag upon paying their dues.

Tom welcomed first time visitors to the meeting Noah and Roisin McConnel.

FHW donations by club members to the Manhattan Hospice fundraiser auction generated \$302.

Tom reminded members our mid-month Ya Gotta Eat lunch gathering will be held at the Vista Drive-In at noon, November 13, and the next Skill Enhancement session will be November 16. Please let Tom know if you plan to attend Skill Enhancement to reserve a lathe.

The heating system at our new meeting location is now installed, so the December meeting will be held at the Golden Prairie Honey Farms, located at the Green Valley Industrial Park, 8859 Green Valley Drive, Suite 4. A confirming email and map will be forthcoming to the members.

Vice President: No report

Secretary: No report

Treasurer: Tom Shields reported we have \$3,511 in the treasury, and we have approximately 50 members.

Program Director: David Delker announced the November demonstration will be "Chuck It All", demonstrating various means of chucking work on the lathe, including vacuum chucking. The December demonstration will be "Holiday Ornaments" with presenters showing the making of keepsake ornaments. David reminded members of the ongoing need for volunteers to participate in sharing their skills, whether that be in demonstrations or in sharing brief Tips and Tricks.

Operations: Steve Bietau thanked volunteers for their participation in Pumpkin Patch and the Mini Makers Faire, and he noted we had a lot of visitors to our booths.

Newsletter: No report

Raffle: Victor Schwarz, Dennis Biggs, Karl Dean, Liza Zeller, Ross Hirst, Tom Boley, Barbara Drolet, and Gordon Sabo won valuable prizes at this month's raffle.

The next Flint Hills Woodturning meeting will be on Saturday, December 2, 2017 at 9:00 a.m. at the Golden Prairie Honey Farms, located at the Green Valley Industrial Park, 8859 Green Valley Drive, Suite 4.

—Ned Gatewood, Secretary

# From the Program Director: December Program

Leading off this month's program will be Victor Schwarz, who will give a Tips and Tricks presentation on selection and use of carbide tools.

Tom Shields will help us get into the holiday mood by demonstrating how to make an ornament from a sea urchin shell. I find ornament making very satisfying; you can produce several keepsake ornaments in an afternoon and practice a lot of basic skills in the process. I know Tom will do a great job teaching us how to make a beautiful ornament and will inspire you to create something for a special someone on your holiday shopping list.

Our January 2018 program will feature my demonstration entitled, "Turning the Small Stuff," including techniques and special tools I use to turn miniature bowls, goblets, and other creations.

Dennis Biggs has graciously agreed to be the 2018 Program Director to give me a little more time to work on the lathe. Please join me in thanking him for his offer to serve! Don't hesitate to let Dennis know if you have program suggestions or if you have something you would like to demonstrate in the future. I'm sure Dennis will be happy to visit with you and help you develop your idea into an excellent program!

I would like to extend a big "thank you" to the many loyal members who provided programs, shared tips and tricks, and who helped provide enjoyable, educational experiences at each meeting! Our club is growing and prospering because of YOU!

— David Delker, Program Director



# Show & Tell



Dennis Biggs



Ross Hirst



Bill Mathewson



David Delker



Ray Case



Victor Schwarz

# Show & Tell



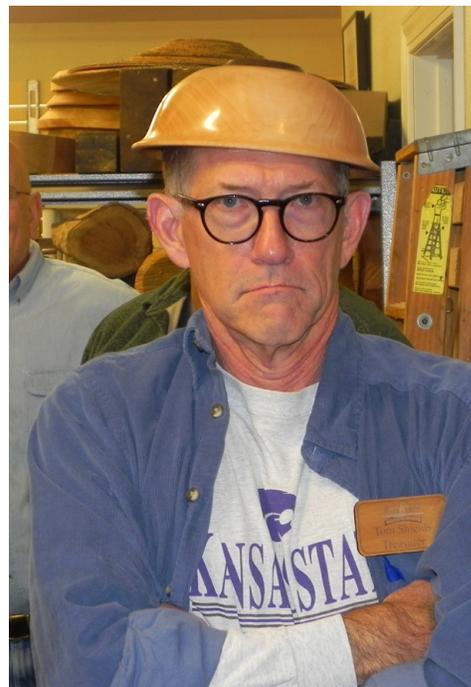
Daniel Joseph



Robert Kloppenborg



Karl Dean

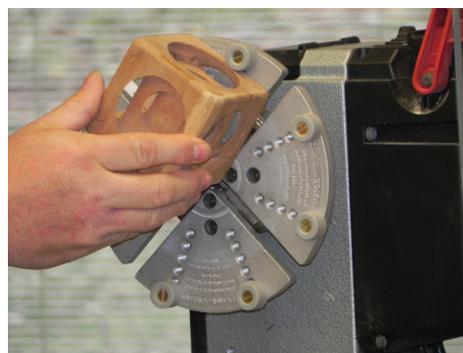
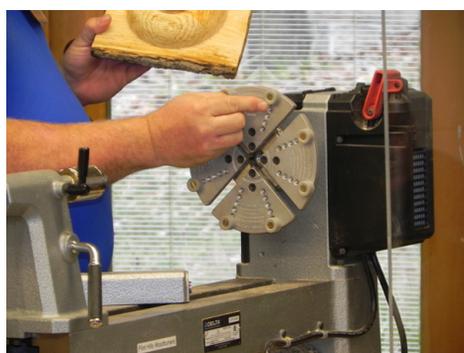
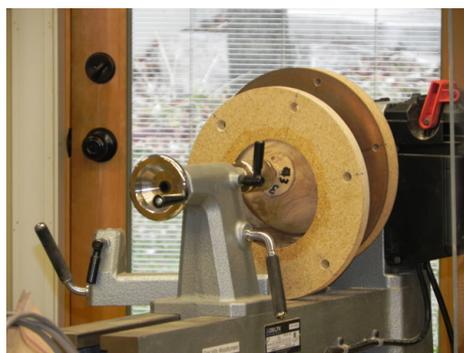


Tom Shields

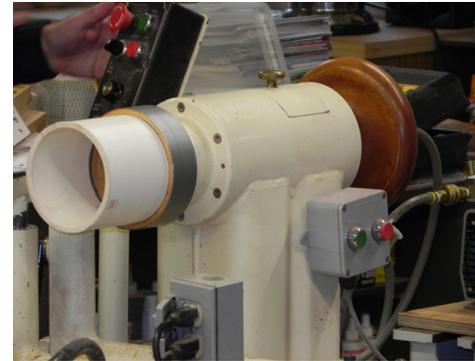
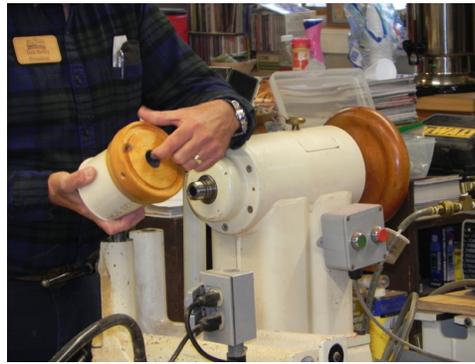
# October Program: Chuck It All

This Month's Demonstration: "Chuck It All" was today's demonstration by Ray Case, David Delker, Tom Boley, and Bob Holcombe on how to chuck unique shapes on the lathe.

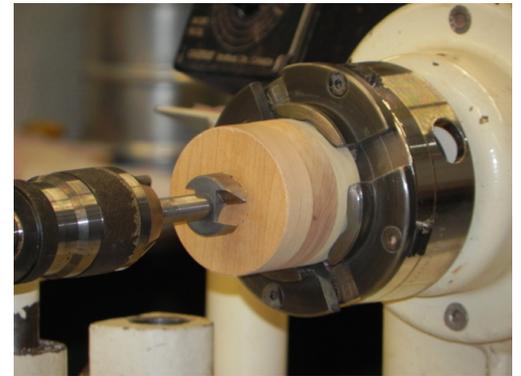
Ray presented several alternatives to the common scroll chuck, including gluing a nut matching your lathe's spindle to a block of wood and then anchoring by various means the turned piece to that block. He also spoke of using the screw chuck, a donut chuck, and the Cole jaws.



Tom talked about the use of vacuum chucks, how they work, and some tips on making your own.



David presented using taps and dies to make wood chucks to screw onto your lathe's spindle or live center for attaching turned pieces to the lathe.



Bob spoke of jam chucks and their uses, including reversing a bowl on the lathe to remove the tenon or recess on the bowl's bottom.

# Trees of Northeast Kansas

## Eastern Redbud

Janka Hardness: 1000 (Based on limited information)

The Eastern Redbud tree is readily available to Kansas wood turners, though the even mature trees are small. The wood is hard and colorful, with mid to dark brown with streaks of red, yellow, and chocolate brown. The wood is fairly fine-grained, taking tools well and sanding well. Care must be taken when drying Eastern Redbud, as it tends to split.



Paul Wray, Iowa State University, Bugwood.org



Paul Wray, Iowa State University, Bugwood.org



The **Janka hardness test** measures the resistance of a sample of wood to denting and wear. It measures the force required to embed an 11.28 millimetres (0.444 in) diameter steel ball halfway into a sample of wood. A common use of Janka hardness ratings is to determine whether a species is suitable for use as flooring.

This number is incredibly useful in directly determining how well a wood will withstand dents, dings, and wear—as well as indirectly predicting the difficulty in nailing, screwing, sanding, or sawing a given wood species.

Examples are: Balsa—70; Douglas Fir—660; Black Walnut—1,010; Osage Orange—2,040.

# For Sale



## Tormek Sharpening System

This is a three year old full size Tormek. It comes with the standard attachments plus the turners package, a knife sharpening jig, and a mobile base. I bought it as a system both for my turning tools and plane irons, chisels, and other flat work cutting tools. In nearly new condition. I have used about 3mm off of the 10 inch wheel. Since I bought it my time has gravitated to 95% turning, and the shop is full, so it needs a new home.

**\$500. I'll even throw in the Tormek hat that came with it.**

Contact Tom Shields, [5tommyshields@gmail.com](mailto:5tommyshields@gmail.com)

# Events and Marketplace

## Flint Hills Woodturners **Ya Gotta Eat!**

**Monday, December 18th**

Join fellow FHW members for our next  
"Ya Gotta Eat" lunch at noon at **Vista Drive In**

1911 Tuttle Creek Blvd, Manhattan

*Bring something for Show and Tell*



## Basic Bowl Class

It used to be called University for Man but over the years, has evolved to just UFM Manhattan and their array of classes is terrific. Among the class selections are iCan with iPad, Sushi Rolling, Genealogy Essentials, Beekeeping, Archery for Adults, and Woodturning for Beginners. It is that last one which is now taught by Tom Boley at his shop, Red Oak Hollow Lathe Works. The class project is a small bowl and is suitable for never-before turners or for those who would like to add bowl turning to their repertoire of woodturning skills. Contact UFM at [tryufm.org](http://tryufm.org) or e-mail them at [info@tryufm.org](mailto:info@tryufm.org). Their phone number is 785-539-8763. This is a great way to jump right into the craft of woodturning in a formal way with an excellent instructor in a comfortable woodshop setting. Come, learn to turn.



**Community  
LearningCenter**  
[tryufm.org](http://tryufm.org)

## Upcoming Symposiums

**January 26-27, 2018**

2018 Tennessee Association of Woodturners 30th Annual Symposium - Franklin, TN

**January 27-28, 2018**

2018 Alaska Woodturners Association Annual Symposium - Anchorage, AK

**February 9, 2018**

Florida Woodturning Symposium 2018 - Leesburg, FL

**March 10-11, 2018**

Honolulu Woodturners Symposium - Honolulu, HI

**June 14-17, 2018**

AAW 32nd International Woodturning Symposium - Portland, OR

**August 3-5, 2018**

Turn-On! Chicago 2018 Symposium - Mundelein, IL

**October 11-14, 2018**

2018 Segmented Woodturners Symposium - St. Louis, MO

**November 3-4, 2018**

2018 Virginia Woodturning Symposium - Fishersville, VA

**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 Hill 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.



**President  
Tom Boley**

president@flinthillswoodturners.org

**Vice President  
Ray Case**

vicepresident@flinthillswoodturners.org

**Secretary  
Ned Gatewood**

secretary@flinthillswoodturners.org

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**Webmaster  
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**Newsletter  
Bob Holcombe**

newsletter@flinthillswoodturners.org

<http://flinthillswoodturners.org>



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.

The mission of the American Association of Woodturners is to provide education, information and organization to those interested in turning wood.

## Flint Hills Woodturners Program and Events

 November 7	<b>Monthly Meeting</b> Chuck it All	Red Oak Hollow Lathe Works, Wamego
November 13	<b>Ya Gotta Eat!</b> Noon	Vista Drive in
November 16	Skill Enhancement 7:00 – 9:30 PM	Red Oak Hollow Lathe Works, Wamego
 December 7	<b>Monthly Meeting</b> Tom Shields Holiday Ornaments	Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan
December 7	Skill Enhancement 7:00 – 9:30 PM	Red Oak Hollow Lathe Works, Wamego
December 14	Skill Enhancement 7:00 – 9:30 PM	Red Oak Hollow Lathe Works, Wamego
December 18	<b>Ya Gotta Eat!</b> Noon	Vista Drive in
 January 6	<b>Monthly Meeting</b> David Delker Turning Small Stuff	Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan

Unless announced, meetings are held at  
8859 Green Valley Drive, Suite #4, Manhattan, KS  
Meetings start at 9:00 a.m. but come any time after 8.

