

# November 2019



## November's Program

### Sanding Techniques

By: Steve Bietau, Dennis Biggs and David Delker.

#### Power Sanding the Small Stuff

Let's face it - everyone hates to sand projects. Power sanding can reduce the time it takes to complete that task, but what type of sanding equipment and supplies work best? I will show several sanding systems I've tried and what works well for both large and small projects.

#### Finishing with Aerosol Spray Cans

Unless you own a body shop that has an industrial-grade spray booth, the clear finish you spray on your woodturning project probably comes from an aerosol can. I will show some useful accessories to make the task easier, safer, and to give better results.



#### In this issue:

November's Program  
The Call of the Lathe  
Club minutes

#### Page

1  
2  
3

Programs/ Events  
Ya Gotta Eat  
Skill Enhancement  
Show and Tell

#### Page

4  
5  
5  
6, 7 & 8

September's Program  
Safety Corner  
For Sale  
General Club Info.

#### Page

9  
10  
11  
12

[Flinthillswoodturners.org](http://Flinthillswoodturners.org)

**November 2019**

**The Call of the Lathe**



Wow, where has this year gone. Only 2 more meetings and then we start 2020. As mentioned last month, November is our annual meeting and one of the main items will be the election of the officers for 2020. The slate of officers will be as follows, unless someone else wants to step up to the plate.

|                 |                          |
|-----------------|--------------------------|
| President       | Ray Case                 |
| Vice President  | Robert Kloppenborg (new) |
| Secretary       | Barbara Drolet (new)     |
| Treasurer       | Ross Hirst (new)         |
| Operations      | Steve Bietau             |
| Programs        | Dennis Biggs             |
| Member at large | Bob Holcombe             |

We will also hear some reports recapping 2019 from some of the officers.

The board has meet and we have decided to purchased a second TV. This will allow for constant viewing of both camera views at the same time cutting down on the switching back and forth. The board has also discussed the idea of recording our demonstrations but until we have an individual with the willingness, time and equipment it has been tabled for now.

Remember that while wood can be harvested anytime of the year, fall and early winter are probably the best time to gather your supply, especially if you want to have the natural bark edge as part of your piece. When the trees begin to get ready for winter they reduce their growth cycle and this causes the bark to

adhere for longer periods of time than when they are in the growth stage. Also the local landfill usually has a location that you can get wood from and it's free! I have probably 15 different species of wood in my workshop and all of them cost me only my time. There is a wealth of available wood to turn costing you next to nothing.

I wanted to mention to the members that we have been using the Golden Prairie Honey Farms facility for quite a while now. They are very gracious to us and I wanted to encourage you to express your appreciation by sending a thank you card with a short note to:

Golden Prairie Honey Farm  
8859 Green Valley Drive. Suite #4  
Manhattan, KS 66502

With Christmas fast approaching there is no time like the present to begin making items ,especially ornaments for the season. In December Steve Bietau will give us a demonstration on an ornament. I know my favorite ornaments to make are bird houses. You can be so creative with them. In January I will be continue the theme of ornaments with a demonstration of bird houses but will also add other bird house turnings in there as well.

Stay tuned as are working on another guest woodturner hopefully next Spring time frame.

Ray Case—President

## Club Minutes

October 5th , 2019

The monthly meeting of the Flint Hills Woodturners began at 9:00 a.m., October 5, 2019 at the Golden Prairie Honey Farms, located at the Green Valley Industrial Park, 8859 Green Valley Drive, Manhattan, Kansas.

President Ray Case called the meeting to order.

Show and Tell: Victor Schwartz, Dennis Biggs, Gary Hobbie, David Delker, Nyle Larson, and Vaughn Graber shared their recent work.

### Officers' Reports:

President: Ray Case said board officers are to be elected at the November meeting, and he invited everybody to consider running for an office. At this point, volunteers are Ray Case will remain president, the vice president position remains open, the secretary will be Barbara Drolet, the treasurer will be Ross Hirst, Dennis Biggs will remain as program coordinator, Steve Bietau will remain as operations, Ray Case will remain as newsletter editor, and Tom Boley will remain as webmaster.

Vice President: No report

Treasurer: It was reported \$4,198.88 is in the treasury.

Secretary: No report

Operations: Steve Bietau thanked those who participated in making our participation in Pumpkin Patch a great success.

Program Coordinator: Dennis Biggs reported David Delker will give a demonstration today on segmented turning. The November

demo will be Steve Bietau, David Delker and Dennis Biggs demonstrating sanding techniques. Ray Case will do the December demo; topic to be determined. A list of professional turners was proposed to give a future workshop and demonstration, as Alan Lacer did recently. Proposed names were Joe Dickey, Matt Monaco, Ashley Harwood, Jimmy Clues, Rudy Lopez, and Alan Stirt.

Demonstration: David Delker gave a demonstration today on segmented turning that include examples of pieces he has turned and the shop made tools he uses to create precise segments. He used Power Point to clearly explain the math and methods for laying out the segments and rings of a segmented piece. David pointed out segmented turning uses scrap pieces of wood already on hand; it uses a lot less wood than regular turning and so expensive wood can be used that would otherwise not be used; segmented pieces are often  $\frac{3}{4}$ " thick so hardwood boards from a lumber yard can be used; a hollow vessel can be constructed rather than hollowing out a solid piece of wood; precision is necessary to obtain a good fit between the pieces of wood; and it's fun to hear people say "How did you do that!"

Ned Gatewood

Secretary



# Programs

# Flint Hills Woodturners Calendar of Events

**Upcoming demos may include:**  
 Bird Houses by Ray Case  
 Tom B. miniature flower pots and mirror.  
 Steady rest use by Tom B.  
 Joe- indexing.  
 I have also had requests for demos on goblets, a tips and tricks, making a stool by Steve.

|          |  |  |
|----------|--|--|
| Nov 2nd  | Monthly Meeting<br>Sanding Techniques        | Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan              |
| Nov 20th | <b>YA GOTTA EAT NOON</b>                     |  |
| Nov 20th | Skill Enhancement<br>7:00-9:30pm             | Red Oak Hollow Lathe Works, Wamego   |
| Dec 7th  | Monthly Meeting<br>Ornaments<br>Steve Bietau | Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan              |

**Dennis Biggs - Program Director**



**Wednesday Nov 20th at Noon**

**YA  
GOTTA  
EAT**



**SHOW AND  
TELL ITEMS  
WELCOME**



## **Skill Enhancement**



**November 20th  
7:00pm—9:30pm**

Red Oak Hollow

Lathe Works

4025 Walnut Creek Drive

Wamego, KS 66547

# September: Show and Tell



**Colton Haug**



**Victor Schwarz**



**Vaughn Graber**



# September: Show and Tell



**Daniel Joseph**



**Nyle Larson**



**Dennis Waite**

# September: Show and Tell



**David Delker**



**Gary Hobbie**



**Marc Greene**



**Dennis Biggs**



# October's Program

## Recap

## Demonstrator:

**David Delker**

Demonstration: David Delker gave a demonstration today on segmented turning that include examples of pieces he has turned and the shop made tools he uses to create precise segments. He used Power Point to clearly explain the math and methods for laying out the segments and rings of a segmented piece. David pointed out segmented turning uses scrap pieces of wood already on hand; it uses a lot less wood than regular turning and so expensive wood can be used that would otherwise not be used; segmented pieces are often  $\frac{3}{4}$ " thick so hardwood boards from a lumber yard can be used; a hollow vessel can be constructed rather than hollowing out a solid piece of wood; precision is necessary to obtain a good fit between the pieces of wood; and it's fun to hear people say "How did you do that!"

David discussed the process of designing a segmented turning, giving credit to Malcolm Tibbetts as an inspiration and leader in segmented turning. Graph paper was originally used to lay out the piece, but now computer programs are widely used and easily available. These programs reduce the dependence on math to calculate angles of cuts. David first demonstrated the graph paper method for laying out the pieces, both in cross section and in plan view. A cut list of wood pieces and the angles of cuts is determined. David emphasized the need to label the segments to keep them in order. He explained the use of Jerry Bennett's Wedgie Sled to cut precise angles, and he uses an eighty tooth cross cut blade on his table saw to get clean cuts. He touches up the cut faces or slightly adjusts a cut angle with a shop made

twelve inch disc sander. David then dry fits the segments for each ring, and if they make an accurate circle, he glues up each ring. With all of the rings glued up, he flattens each ring on his disc sander or a belt sander (don't use a surface planer as the ring can break apart), then stacks and glues the rings to complete the form. The lathe can be used to tightly clamp the rings together between the headstock and the tailstock. David mounts the piece on the lathe and he uses a  $\frac{3}{8}$ " bowl gauge and a negative scrapper to finalize the piece's shape.

David also talked about making open segment pieces. He suggested using the Seg-Easy Tool to help lay out the segment spacing.

David described making sculpture-like ribbons of wood. He begins with making essentially bottomless bowls with a precise wall thickness that he turns on the lathe. He uses PVC pipe sections to first model the piece's form. Then, with a form in mind, he cuts on the band saw the round bowls into sections and glues them into the desired form.

Ned Gatewood

David did such a great job on his demonstration that we wanted to make his power point presentation (pdf form now) and his resources sheet available to you. I will work with Tom Boley to see what we can do to add these resources to the website and inform you when that has been accomplished.

Ray Case

# Safety Corner

*[The following article was copied and e-mailed out to woodturning instructors for the John C. Campbell Folk School by the woodturning resident artist. This article appeared in the Cherokee Scout, the local newspaper in Murphy, NC. This is especially timely as one of the crafters at the recent Lion's Club pancake breakfast and craft show at Pottorf Hall in CiCo Park had done fractal burning on some of his pieces. It is presented here as a repeat warning that if you hear of this method being used to burn designs into flat, square, or turned wood items, don't try it. It can be deadly.]*

## Woman dies in freak electrical accident

By Penny Ray  
[pennyray@cherokeescout.com](mailto:pennyray@cherokeescout.com)

**Shoal Creek** – A woman died from electrocution last week while practicing the controversial art of fractal wood burning.

“This is not only the first case of electrocution I’ve seen, it’s also the first time I’ve ever heard of anyone trying to do this,” Lt. Joe Wood of the Cherokee County Sheriff’s Office said. “It was a freak accident.”

Michelle Elliot, 42, was in the basement of a home in the 6000 block of Candy Mountain Road around 2:50 pm Thursday when she sparked a high-voltage short circuit while engaged in fractal wood burning.

“It actually burned a necklace off of her neck,” Wood said, adding that a ring was attached to the necklace. “When the ring came off, it burned into the carpet. You could tell it got extremely hot.”

Fractal wood burning is the art of burning lightning or tree-shaped figures into wood

using high-voltage electricity. The electricity is generated by a transformer, usually from a microwave oven, a neon sign, or an oil burner.

The transformers can create from 2,000-15,000 volts of electricity. Police say they found something that resembled a microwave transformer powering the wood-burning unit in the basement.

The American Association of Woodturners has banned the use of fractal wood burning at all its events and has also banned articles regarding the use of a fractal burner in all of its publications. In January, the organization warned that 10 people had already died due to fractal burning. The reported deaths range from hobbyist woodworkers to an electrician with many years of experience working.

“With fractal burning, one small mistake and you are dead,” the association warned.

At the time of the accident last week, three other adults were in the house. Though foul play is not suspected, police await toxicology results to determine whether a medical episode led to her death.

Submitted by Tom Boley

**K  
E  
E  
P  
I  
N  
G  
U  
S  
S  
A  
F  
E**

# For Sale

Barbara Drolet has a compressor for sale.  
\$150. It is in very good condition, gently used.  
I believe we bought it in 2014. If you are in-  
terested please email Barbara at  
[droletvillman@gmail.com](mailto:droletvillman@gmail.com)



**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

Randy Zelenka

Secretary

Ned Gatewood

Treasurer

Tom Shields

Program Director

Dennis Biggs

Operations

Steve Bietau

Member at large

Bob Holcombe

Past President

Tom Boley



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.

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.

