

# March 2019



## March's Demo

### Finishing Techniques



David Delker will demonstrate how to “metalize” a turning using water-based reactive metal paints containing real copper, iron, or bronze. In addition, he will show how to use water-soluble aniline dyes to add a splash of color. His stated goal is to inspire some of you to get out of the “brown bowl” rut!

Ned Gatewood is going to give a short presentation about friction polish and oil finishes he has been using on small pieces.

Dennis Biggs will give a demo on a finish he has found that is super easy and he loves.



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# March 2019

## The Call of the Lathe



It's exciting to see how our club is growing and moving in such positive directions. We continue to see new members join each month and we are always grateful for new visitors. With the addition of the new sound system I believe that it will enhance our club meeting time and allow for the demonstrator to be heard clearly by all. I have even had some positive feedback already that it has made a difference. Last week you also saw how we have slightly rearranged our usable space and we will continue to do so to maximize the effectiveness for our meetings. We are going to try to allow for a wider space closer to the front so that more of you can sit closer to the lathe and the TV.

You were all encouraged to participate in our first survey and we have had about 2/3rds of the members respond to that request. One of the topics asked about was "Would you like the club directory to be available to the members?" Well, the results are in and 94% of those participating wish to have the club directory available to members. While this is always a tough topic, especially when it comes to our personal privacy, I believe that we can work through this issue and come up with a solution. At the next meeting I will bring a proposal that the members can discuss. We will be putting together another survey to address some of the other areas of our club so stay tuned for the next round. Remember it only takes a couple minutes of your time.

There are many challenges when working with wood and wood identification is definitely one of those. How many times have you heard or even asked yourself "what kind of wood is that?" If you recall for about a year or more we featured a different type of wood that is known to be from the Kansas region. If I recall correctly Ned Gatewood and Bob Holcombe started this endeavor. We had a page in each month's newsletter

that featured pictures of the tree, leaf and bark images. Sometimes we even had the nut or seed pod to help with identification. We also had a brief description about it and even had images of the grain pattern. We ended up with about 16 different types of wood that were featured. It was even given a title of "A Pocket Guide to Northeast Kansas Hardwood Tree Identification for Woodturners". I believe that this was helpful to many and I thought that maybe we could take it one step further. I will work on putting this pocket guide together in a published form and find out how much it would be to have this printed. If it is reasonable enough we could make this available to the members for a fee enough to cover the printing cost.

Well I wish I could say that Spring is right around the corner but for now Winter just will not give up. For those that have shops in your garages and haven't been able to turn for a while, hang in there. Hopefully, soon you can get back to it.

If you don't already know, our club is affiliated with the American Association of Woodturners (AAW) and this organization has many benefits to woodturners if you are a member of AAW. I would encourage you to check them out on line and join that organization. It has numerous benefits from online access to hundreds of articles to videos, publication and help for the beginner to the expert alike.

Check it out at <https://www.woodturner.org/>

Continue to challenge yourself in your woodturning pursuits. The sky is the limit. Maybe we have a future world renown woodturner in the making from our very own club.

Ray Case - President

# Club Minutes

## February 9th , 2019

The monthly meeting of the Flint Hills Woodturners began at 9:00 a.m., February 9, 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.

The meeting began with Show and Tell. Robert Kloppenborg, Terry Schmidt, Randy Zelenka, Ray Case, Dennis Biggs, Victor Schwarz, David Delker, Joe Beck, Melissa McIntyre and Gary Hobbie shared their recent woodturning work with the club.

Visitors at today's meeting included Robert Echoles, Skeet Echoles, Mark Sodamann, Charlie Leek, Lea Hand, and Brendon Lance.

### Officers' Reports:

**President's report:** Ray Case reminded current members that new members receive a name tag upon joining the club, and that name tags are available to existing members for \$7. The new web site is in place, but work is still being done. The web site could replace the newsletter someday. Ray asked the members to contribute to the web site with their ideas and experiences. The membership was asked to take a ten question survey now available on SurveyMonkey. It takes just a few minutes to complete and will provide insight into what the club is doing well and how it may better serve the members. The survey link is available in the February newsletter, but it will close February 23. Ray announced the club has a new sound system. Barbara Drolet, the club's representative to AAW's Women in Turning, informed the club that WIT has grants to cover 50% of the AAW cost of membership for women for one year.

**Vice President:** Randy Zelenka said he keeps a list of lathes owned by members, and members can contact a lathe owner before buying it to learn more about that lathe.

**Treasurer:** This past month \$46 was spent on new name tags, \$220 on insurance, \$73 on raffle items, and \$731 on a new sound system. The upcoming visiting demonstrator will cost approximately \$1,000. There is \$4,600 in the club's treasury.

**Operations:** Steve Bietau passed around a sign-up sheet for volunteers to help with the Meet the Makers public demonstration on March 11 at the Flint Hills Discovery Center.

**Program Director:** The March program will be given by several members demonstrating their favorite finishes. For the April program, Tom Boley will demonstrate coring. The May program will be nationally known wood turner Alan Lacer demonstrating at the regular monthly meeting from about 10:00 to noon, and 1:30 to 3:30 pm. He will conduct day long workshops on Friday and Sunday. The topics for the demonstration and workshops will be provided later.

**Member at Large:** no report

**Raffle:** This month Dave Davis, David Delker, Bill Mathewson, Brandon Lance, Jeff Johnson, Nyle Larson, and Dale Nest won valuable prizes.

**Demonstration:** Ray Case demonstrated today how to turn a multi-axis bowl. He mounted the bowl blank three times on the lathe, creating an axis each time and removing wood at each turning. For the first turning, he mounted the blank on a tenon and removed a portion of the interior of the bowl and formed the bowl's exterior. The blank was then remounted in the jaws of the chuck with the tenon mounted ten degrees askew in the jaws, producing another axis. On this axis, another portion of the bowl's interior was removed creating a "crescent moon" form. He then remounted the bowl a third time, turning it around on the lathe on a third axis, and finished the bottom of the bowl.

The next Flint Hills Woodturning meeting will be on Saturday, March 2, 2019 at 9:00am at the Golden Prairie Honey Farms, located at the Green Valley Industrial Park, 8859 Green Valley Drive, Manhattan.

Ned Gatewood - Secretary

## Board Meeting

Minutes Feb 9th, 2019

In attendance: Ray Case, Bob Holcombe, Dennis Biggs, Tom Shields, Randy Zelenka, Steve Bietau, and Ned Gatewood.

Sound System: A Fender Passport Conference sound system was purchased. Ray Case is donating \$110, making the cost to the club \$731. This is approximately the cost of the system considered from Glenn's Music in Manhattan.

Visiting Demonstrator/Workshop: Alan Lacer will be here May 3, 4, and 5. Saturday he will give a demonstration from about 10:00 to noon, and 1:30 to 3:30. Friday and Sunday he will conduct day long workshops. The topics for the demonstration and workshops will be provided later. Alan's fee is \$700 per day (workshop or demonstration) plus travel expenses. Workshop attendees (not the club) will pay for the workshops and a portion of travel costs. The club will pay for demonstra-

tion and a portion of the travel costs. It is estimated the cost of a day long workshop will be \$100 per person. Dennis will pass out a sign-up sheet for the workshops. The maximum is 8 persons per workshop.

Web Site: Still a work in progress.

Public Demonstrations: We will participate in Meet the Makers, March 11, 10:00 to 5:00, at the Discovery Center, and the Flint Hills Festival, May 11, at the Discovery Center. Setting up a second booth at public demonstrations for selling of members' turned items was discussed. The proceeds would go to FHW. Members would receive a tax donation. No decisions were made.

Debit Card: Tom Shields, treasurer, is applying for a debit card to make it easier to pay for items purchased by the club.

Ned Gatewood, Secretary

## Special Announcement



Ernest White

One of our early members of Flint Hills Woodturners, 80 year old Ernest White, passed away on Monday, February 18th. He was a regular at meetings the first couple of years but ill health had mostly kept him away in recent months. Ernest was a good man and sure did enjoy turning as well as being a part of our woodturning fellowship. The family will celebrate Ernest's life at 10:00am, Friday, March 1st at the Sedalia Community Church, 6040 N 52nd Street, Manhattan. You can read his obituary at <https://apfunerals.com/tribute/details/400/Ernest-White/obituary.html#tribute-start>.



## Programs

### Coming in May

Alan Lacer has been involved in the turning field for more than 38 years as a turner, teacher, writer, exhibition coordinator, expert witness, demonstrator and past president of the American Association of Woodturners.



<u>March 2nd</u>	<u>April 6th</u>	<u>May 4th</u>	<u>June 1st</u>
Members sharing Finishing Favorites	<b>Tom Boley</b> Coring	<b>Alan Lacer</b> Special guest	<b><u>TBD</u></b>

In May we are looking forward to having Alan Lacer, the skew expert spend Friday, Saturday and Sunday with us. Workshops on Friday and Sunday (9:00-3:30 each day with a lunch break). Probably a skew workshop and a box workshop. Cost of workshop is about \$80. Saturday will be a club demo and will start at the usual time, but last until 3:30. Lunch will be provided for a small charge.

Thank you all. You make this an exciting organization.

**Dennis Biggs - Program Director**



# March 12th at Noon



**YA  
GOTTA  
EAT  
SHOW AND  
TELL ITEMS  
WELCOME**

## Skill Enhancement



**March 12th  
7:00pm—9:30 pm**

Red Oak Hollow  
Lathe Works  
4025 Walnut Creek Drive  
Wamego, KS 66547



# February: Show and Tell



**David Delker**



**Melissa McIntyre**



**Robert Kloppenborg**



**Randy Zelenka**



**Gary Hobbie**



**Dennis Biggs**



**Joe Beck**



**Terry Schmidt**



**Victor Schwarz**

# February's Program

## Recap

## Multi-axis bowl Demonstrator: Ray

Today's demonstration was Ray Case turning a multi-axis bowl.

Ray began his demonstration by showing the Easy Wood chuck, a chuck he likes to use. Changing the jaws of the Easy Wood chuck is done simply by releasing the jaw and sliding in the new set instead of removing screws, as is normally done.

### 4" Easy Chuck™

Item #C1000	1" - 8
Item #C2000	1 1/4" - 8
Item #C3000	M33 - 3.5
Item #C3030	M30 - 3.5

#### Easy Jaws™

Using our patent pending Snap-Lock Technology, Easy Jaws snap securely in place yet release instantly with the provided tool.

1. Release Easy Jaw with included Jaw Key.
2. Slide out existing jaw.
3. Slide in your next Easy Jaw and listen for the "Snap."

#### Zoom Ring™

Quickly adjust your gripping diameter with just your fingertips.

Use Chuck Key for final tightening.



Grips 1 3/8" diameters

#### Exclusive Features:

**Strongest Jaw Design** — Easy Jaws are held in place by the chuck body, not screws that are susceptible to shearing.

**Safety Corners** — Rounded corners of the Easy Jaws reduce chance of injury of knuckles.

**Durable Components** — Easy Jaw components are hardened and corrosion resistant for extreme durability.

#### Easy Chuck Accessories

Comes with the only two tools and chucking screw you'll ever need:

**Jaw Key** (1/8" ball end hex driver) used for both jaw release and spindle set screws.

**Chuck Key** (5/16" hex t-handle) used for final jaw tightening.

#### Easy Chucking Screw

Double-ended with 3/8" and 1/2" diameters

**Warranty**  
2-year defective parts and labor.

Expands into 2 1/8" recess  
(Other size jaw sets sold separately)





Ray made a multi-axis bowl by first turning a wood blank into a cylinder and putting a tenon on one end. He mounted the cylinder on the lathe using the tenon, removed a specific portion of the bowl's interior. At this point you would sand and apply a finish on the bowl's interior as now is the last time the bowl will be on the lathe on this axis. The jaws of the chuck were then loosened and the bowl was placed back in the jaws at about a ten degree difference from the original axis, producing the second axis. While in this axis the interior face is flattened back up and this creates a "crescent moon" form on the face of the bowl. Also in this axis he removed the material inside the crescent shape to create the bowl portion. Because the bowl was unbalanced in the chuck, he made unaggressive cuts at a low speed. The bowl was removed and turned around on the lathe. The bowl's rim was hot glued to a faceplate on a third axis, then the bottom was shaped, thus producing a three axis bowl.



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

## Basic Steps for Making a Lidded Box

I've said it before and I'll say it again. The most fun you can have on a lathe is making a lidded box. I believe this is true for several reasons. There are more design opportunities in making a lidded box than in bowls or platters or vessels. (I know some will disagree.) The process is easy; it doesn't start with all the efforts of chain sawing trees and logs. You can use pieces of wood from the scrap pile or use bits of costly, exotic, wood. Boxes are a challenge; there are moving parts! And finally, making boxes doesn't create a big mess of shavings on your shop floor as do bowls and hollowed vessels. No more messy shop! (To that, my wife says, "Are you kidding! It's always a mess.")

In order to encourage you to give box making a try, I've listed below the basic steps for making a box, but to understand the process better, you will need to refer to one of the many books, videos, or YouTube tutorials describing the details of turning lidded wood boxes. You can pin these basic steps up over your lathe and use them as a step by step guide as you work through the steps of turning a box.

And turning a box. And turning a box. I say that because only after a bunch of tries will you get it right. At first, you'll do stupid things like cutting the tenon off the lid before finishing the inside of the lid. You needed that tenon! My best advice is this: Be methodical; don't do something now you'll regret later. Only with several tries will you produce a form you find pleasing. And only with several tries will you get a nice suction-tight fit of the lid on the base which is the hallmark of a well made box.

### Basic Steps for Making a Lidded Box

- Mount lid on lathe; cut lid flange
- Shape inside of lid
- Sand and apply finish on inside of lid
- Shape bead on lid, if using
- Mount base on lathe; cut base flange to approximate size using lid flange as a reference
- Shape bead on base, if using
- Shape inside of base
- Sand and finish inside of base
- Rough shape outside of base

- Fit lid onto base for good, but not a final, fit
- Shape lid and base with lid on base
- Sand and finish outside of base and lid with lid on base; hold lid on base as needed
- Finalize lid fit on base by removing material from base flange
- Turn base around and mount base on a jam chuck; shape base bottom and sand and finish

So these are the basic steps. For more details in box making, a good reference is Richard Raffan's book and video *Turning Boxes*. Both are available in FHW's library. Give boxes a try. I'm sure you will enjoy making them.

Ned Gatewood

## Turned Toy Brings Joy

The son of Steven, the Bee Manager at Golden Prairie Honey Farms, lost a wheel on his favorite toy truck. So Flint Hills Woodturners was called on to make a new wheel for this great little kid. From the picture you can see this little boy is happy to now have a new wheel for his truck.

Thanks Ned Gatewood for helping in this way.



# RULES FOR WOODTURNING

submitted by: **Terry Schmidt**

## Law 1

The speed of the lathe must be compatible with the size, weight, and length of the wood to be turned.

## Law 2

The tool must be on the rest before the whirling timber is engaged, and must remain so whenever the tool is in contact with the wood.

## Law 3

The bevel (grinding angle) of the cutting tools must rub the wood behind the cut.

## Law 4

The only part of the tool that should be in contact with the wood is that part of the tool receiving **direct support** from the tool rest.

## Law 5

Always cut “downhill” or with the grain.

## Law 6

Scrapers must be kept perfectly flat (in section) on the tool rest and presented in the “trailing mode” i.e., with the tool handle higher than the tool edge.

Humorous mode:

1. You can always make it smaller.
2. It's only wood, and you can burn it at any stage.
3. Catches are not problems, but rather artistic opportunities.
4. The longer it has been since you had a catch, the closer you are to having one. Nobody gets it right all the time.
5. Practice may not make you perfect, but it certainly produces a lot of shavings.
6. If you're not having fun, you're probable doing something wrong.
7. When things happen on the lathe, they happen FAST.

## **Wood Shavings Needed**

One of our members Vic Vinson is requesting bags of wood shavings for his wife's new developing garden. We ask that you bring wood shavings to the meetings. If you live in Manhattan we will also pick up your wood shavings. Please call Vic at 785-341-0311 for pick up. Thank you so much for your support in helping Gwen to develop her organic garden.

**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).



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**Vice president**  
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**Operations**  
**Steve Bietau**  
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**Members at Large**  
**Bob Holcombe**  
**Tom Boley**

## Flint Hills Woodturners Calendar of Events

<b>MARCH 2nd</b>	<b>Monthly Meeting</b>  Finishing  Favorites	Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan
<b>MAR 12th</b>	<b>YA GOTTA EAT NOON</b>	
<b>MAR 12TH</b>	<b>Skill Enhancement</b>  7:00-9:30 PM	Red Oak Hollow Lathe Works, Wamego
<b>APRIL 6th</b>	<b>Monthly Meeting</b>  Tom Boley  Coring	Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan
<b>MAY 4TH</b>	<b>Monthly Meeting</b>  Alan Lacer	Golden Prairie Honey Farms 8859 Green Valley Drive, Suite #4, Manhattan

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



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.

