

Kansas City Woodworkers' Guild

Increase your Woodworking skill and knowledge



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Check 'em out!

Wood Words

President's Corner

By the time you read this we will have taken delivery of our new CNC Router from Legacy. While it has taken a little longer than expected, We surely appreciate the generosity of support that Legacy is showing towards our Guild. I must take a moment to celebrate the tireless efforts of Jerry Jennings in procuring this addition to our shop. His efforts to provide quality merchandise for the auction cannot be overstated. Jerry is relentless in making connections, asking for donations, and like a bulldog - he doesn't let go until the donation reaches us. I want you to join me in thanking Jerry for all that he

does in service to the Guild, we all benefit from his efforts.

But we best not sit back and rely on Jerry to do all the work. We each need to get involved and volunteer our skills. Currently we have need for a Director of Communications and a Publicity and Promotions person, let me know if you are interested. The Auction has need of assistance in many areas, let Tim Locke know that you want to help. Every time we announce a shop cleanup we need everyone's help to keep our facilities in good order.

Remember that the Guild is not a location but a community and a

community survives by the efforts of it's membership.

Or, now that IKEA has opened we can all quit woodworking and go fishing.

— Chuck Saunders



Next General Meeting : September 17th, 7pm KCWG Shop
Program : "Building the Cedar Strip Canoe and Kayak" presented by Mike Mollohan

Have you ever wanted to build your own canoe or kayak? It may be easier than you think. Mike Mollohan, a KCWG member since 2012, will take you through the process from planning, to preparation, then to execution. Mike will have a photo slide show of the process as well as the actual canoe and kayak he has built since he retired. The canoe was his first woodworking project as a neophyte woodworker. You are sure to get a good feel to determine if you want to take on boat building. Or, you might say that this program could float your boat. — Cliff Schutte

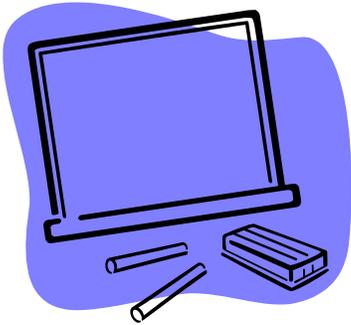


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Find more sponsors inside!

Wood Words

Eyes on the Blackboard



Guild History Wanted!

I am requesting all past Presidents of the KCWG to email me with their dates of service. I wish to contact all for interviews. Any member with KCWG historical information is also encouraged to email or call me.

— Ann Creek, KCWG Historian

g.creek@att.net

(913) 449-3377

On the training front, be ready to sign up for George Walker, co-author of ["By Hand & Eye"](#). He will be presenting a free lecture on Thursday night, September 18th from 7-9pm. His 2-day clinic will commence on Friday morning and conclude Saturday afternoon. He will teach us everything we need to know on design, layout and the process of simplifying that whole process of committing an idea to paper. Fee is \$250. Check out his book on Lost Art Press. He will likely be bringing copies for sale and personalization with autograph.

We are firming up the details for the joint Guild/[SAPFM](#) event in October by hosting [Freddy Roman](#) with a clinic on banding, inlay and adornment in the style of the Federal Period. The plan at this point is to learn how to make a serving tray that will make one proud. We will have fee, details and all the things you will need to motivate yourself to sign up. Space will be limited since we will be sharing Freddy with the SAPFM folks who are holding their annual get-together at the Guild.

Due to the overwhelmingly favorable response to Rob Young's Hand Tool Pre-school in August and October, we will be offering this class again later in the year.

We are also working out the details with the Woodturner's Club to offer an intro to Woodturning class probably sometime in October or November, so keep an eye out for that class.

We are also bringing back the Intro to Machine Woodworking with Kara Paris in late September. If you are a beginner looking for a way to gain some confidence in the shop, this is your class. Kara, a former High School woodworking teacher, will guide you through all the instruction you need to learn to safely and effectively use the shop equipment. The first 2 sessions will include the safety orientation that nets you a "green card" for access to the shop equipment. The class usually lasts about 13 weeks. More details below.

This is your Guild, so if there is something you are particularly interested in learning, let me know. I love a challenge. I will bet we have someone who can teach you how. Don't forget, you can also get some great one-on-one instruction from Erwin Kurtz in his "Rough to Ready" class. It usually takes about 4 hours to complete the class. You will learn all the skills necessary to take a rough piece of lumber, mill it, size it and leave with a pretty nifty box to show off your skill to your significant other. If this is of interest, reach out to Erwin at assets@kcwoodworkersguild.org and he will get with you to set a date and time.

I hope to see you all in the shop very soon!

— Mike Jones

NC101 – Introduction to Machine Woodworking

The Kansas City Woodworkers Guild will be offering once again "Introduction to Machine Woodworking" NC101, 12 week night class, 7:00PM – 10:00 PM. Classes will be held Thursday's, September 29 through December 18, 2014 (skipping Thanksgiving of course). Tuition is \$ 215.00 plus \$50.00 materials, total \$265.00 or Woodworker's plus get a 20% discount on tuition \$172.00 plus \$50.00 materials, for a total of only 222.00.

You will need a green name tag to take the class (safety orientation and test). Orientations are scheduled for August 23, 9:00 AM or September 21, 3:00 PM.

The class size is limited and you must be a KCWG member, so be sure you purchase the "Saw Dust Maker" or "Woodworker Plus" membership to be allowed to work in the shop.

The class emphasis will always be on SAFETY! Class will start by learning how to safely use all the machines in the shop. The correct way to prepare the wood you will use to make your projects (from rough to ready), squaring up your boards, lay out and proper gluing methods.

This is a "hands on project based" class where you will gain knowledge and skills in the safe use of machines and tools. You will learn some wood identification, and characteristics, how to read and follow plans, steps in project planning, problem-solving, beginning joinery, fastening, clamping, gluing, sanding, and finishing.

There will be a limited choice of projects. You will be learning processes to build on, by learning some basics in machine woodworking. There are three other items you will need for class: safety glasses, a tape

measure, and a 3 ring binder or a folder that has pockets.

Three projects will be assigned of the instructor's choice.

— Kara Paris

[Sign up via Mike Jones](#)



Shhhh, From the Library

For this month's guild library book review, I have decided to keep with the September guild meeting's presentation theme. To that end, I want to highlight three of the guild owned books on canoes and kayaks: The Canoe: A Living Tradition by John Jennings, Building a Birchbark Canoe by David Gidmark & Canoe Design and Construction by Alan Bye.

Jennings' book, The Canoe: A Living Tradition is a wonderful overview of native watercraft (canoes, dugouts, kayaks, and umiaks) as well as more modern

recreational canoes. This book is a nice collection of historical information/photographs and would serve as a good source of design inspiration for anyone considering building a canoe. Gidmark's Building a Birchbark Canoe, on the other hand, is exactly what its title suggests and is a review of historical and modern day Algonquin techniques for constructing birchbark canoes. Of note, Gidmark's book concludes with a chapter on paddle making and covers wood selection, as well as hand tool creation for the paddle carving process itself. Last, but not least, Bye's Canoe Design and Construction is a very

thorough discussion of the design, calculations, and steps necessary to build a custom kayak. If you are interested in kayak construction, this book's deceptive title might make you pass it by. However, for whatever reason, this book actually deals very little with canoe construction and is, in fact, a wonderful review of kayak construction techniques and considerations!

I hope that one or more of these books can help you in your canoe or kayak construction goals - happy paddling!

— John McKee

2014 Auction News

The annual KC Woodworker's Fundraising Auction is approaching on November 1. The event is quite significant on the financial operations of the KC Woodworkers Guild and KC Wood Turners. Everyone who enjoys the benefit of member-

ship will feel a bit more ownership preparation of in the Guild if they can contribute some effort or items. The Events director Tim Locke is asking for assistance with the following areas (more requests will come later):

- Auction promotion in local publications and message boards -

Craig's List community bulletin boards, etc..

- Contacts with wood workers suppliers for donations:

Please contact Tim Locke

events@kcwoodworkersguild.org

or 816-392-9889

Woodworking Show 2015 Jan 30 to Feb 1

The woodworking show has offered to promote the guilds and clubs that participate if the organizations offer entry/beginner woodworking clinics and educational sessions. We are looking for Volunteer demo topics and demonstrators. We have commitments for the following:

- Simple box making with inlay and hand tool use with inlay.
- High quality knife making.
- You demonstrating _____...

Please contact the Events Director Tim Locke at events@kcwoodworkers.org

or 816-392-9889

More Sponsors!

Metro Hardwoods

www.metrohardwoodsinc.com

September SPECIALS

4/4 Jatoba S2SSLR 25/32" \$9.99/bf

4/4 Rustic Hickory S2SSLR 25/32" \$1.99/bf

4/4 Rustic Alder S2SSLR 25/32" \$1.89/bf

4/4 Pecan S2SSLR 25/32" \$3.29/bf

4/4 Birdseye Maple S2SSLR 25/32" \$9.99/bf

4/4 Red Gum S2SSLR 25/32" \$7.19/bf

1/6/4 Jelutong S2SSLR 3-3/4" \$8.49/bf

Sheffield Ulitmate Lockback Utility Knife Model 12113 - \$8.99 ea

4243 S. Noland Road,
Independence, MO 64055
816-373-1710

David Roth
Woodwork
913-481-9016

Intarsia By Day



Wood By Design
(913) 962-0159



Marquetry By Night

chevroth@evereetkc.net



Re-View
1235 Saline St
N. Kansas City, MO 64116

Next Safety Orientation

September 21th, 3pm at the KCWG shop.

Members, bring your waiver and completed test to get qualified to use the KCWG Shop!

Special Interest Groups – All KCWG Members Are Invited

Coming up!

Hand Tool SIG : Sunday September 28th 2pm

At that meeting we will have patternmaker, Fred Früh's Tool box, circa 1910, on display with his original collection of handmade planes and tools. Attendees will have the opportunity to "carve" mahogany and freely use the tools hands on during the meeting. See the article, "Patternmaking, Handcrafted Tools, and Fred Früh" in this issue of "Woodwards" for Fred's story.

Also, courtesy of member, Bill Bysel, owner of Ace Foundry ... a local aluminum foundry ... we will have at the SIG meeting Gary Wilson, Wilson Pattern, who will provide insight into wood pattern making for metal foundry casting. My understanding is that Gary Wilson will have some hand-

crafted specialty tools on hand as well.

Questions may be directed to William Johnston, johnston@everestkc.net, 913-492-6942.

Coming up!

Scroll Saw SIG : Wednesday September 10th 7pm.

Coming up!

Power Tool SIG : Sunday September 20th 3pm

More bandsaw shenanigans as we finish off the tires, get them crowned and start to reassemble the bandsaws!

**"Always do whatever's next"
— George Carlin**



2014 Open House Report

The Guild Open House had visits from lots of wonderful people. Guild Members, family members, and guests and future members enjoyed an introduction to woodworking by Bill Johnston's now famous "Woodworking with Children". I do not understand how he can keep so many children gainfully busy.

Dave Kraatz with the assistance of many current Guild members assisted future Guild members with toy truck fabrication. John Johnson was ably assisted by his granddaughter is the truck assembly line.

George Rexroad has 4 new members

signed up and paid at the open house and quite a number of interested potential members considering the benefits of membership.

Erwin was responsible for a great lunch. We all owe a thank you Erwin and to the guild clean up crew.

— Tim Locke



Patternmaking, Handcrafted Tools, and Fred Fröh

Text and Photos by William Johnston

Perhaps you appreciate and collect old tools ... incorporate the use of old hand tools in your woodworking ... are interested in tools that were handmade by the user ... or just wish to make woodworking tools for your own use. Many who appreciate old tools have a dream ... to come across the toolbox filled with tools that once belonged to a lifelong woodworker years after he has passed on to that great workshop in the sky.

This story starts with a man named Fisher who built coach bodies in the late 1800s in Ohio. Coach builders, like ship builders, rarely employed straight lines ... coach bodies bellowed ... partially to add elegance ... and more importantly to maximize the space inside for the passengers over a standard wheelbase, that allowed different vehicles to track in the ruts pressed in the road. Coachwork was designed to keep weight down, as the coach was drawn by horses, not an gasoline engine. Each piece of wood was hand fitted. Later Fisher's sons, the Fisher Brothers, took over the family business, moving it to Detroit. By 1910 the Fisher Brothers had begun making bodies for three different automobile manufacturers. And as you know they later became the "Body by Fisher", owned by General Motors.



But what do we know about the year 1910?

First, to the surprise of many, there were a number of automobile manufactures. After all, this was the year of the first "Great Race". The Model T Ford had just been introduced the year before in 1909. The Great Race was run from Chicago to Seattle, coming through Kansas City. Over much of the course there were no roads ... and certainly no roads designed for automobiles. It was an endurance race. A Model T won, driven by a man from Lee's Summit, Missouri. His family still lives there.

So at this time, 1910, Fisher undertook a major retooling effort. Automobile bodies required heavier and stronger components drawn by engines and unlike the hand fitted parts of the coach, each part now had to be interchangeable with another just like it.

The retooling was to facilitate the making of heavier, stronger, interchangeable parts for the developing Automobile industry.

Fred Fröh was born in Germany in 1890. At age 20 he came to Detroit and began work for Fisher Body near the start of Fisher's retooling. Fred worked for Fisher Body as a patternmaker for 30 years until he retired in 1940. When he retired he came home with the tools of his trade and put them away without ever opening his toolbox again. Fred's thumb size salt shaker (salt boiled eggs for lunch? See sidebar) was still sitting in the top tray of his toolbox when he died two years later in 1942 at age 52.

Early in his career Fred fashioned the planes, rules, slicks, marking gauges, and other tools needed for his work as a patternmaker. Tools



were created as needed. Many of the tools of the patternmaker were not available for purchase. The planes, shaped into hollows and curves look like miniatures of traditional planes with roots going back to the planes of the coachbuilder. If you look closely, you will see that they function as carving tools that create the three dimensional shape of the pattern. His planes were made of figured maple. Other tools such as the gauges and chisels were

Salt for Gluing

Carved patterns glued from smaller pieces were rarely square. Gluing was not as simple as slipping on a bar clamp. Pinch dogs ... like staples with slopping points ... were often used.



Salt sprinkled onto the glue kept components of the pattern from slipping past each other when compressed with a clamp. Try it sometime ... you might find it as useful as the patternmaker did.

adapted from manufactured tools of the time. He took gouges, cut off the handles, fashioned an offset handle, and brazed the new handle onto the stub of the old. This produced a really ugly tool with its out-standing lump of brass on a steel handle in unsightly contrast to the beautiful curly maple bodies of the planes that he created. Fred also made a spokeshave and a coachmaker's plane cast out of aluminum, no doubt shop cast from existing tools. While useful and practical in patternmaking, these tools lack the beauty that only their father could truly love.



In the pre-plastic industrial patternmakers' world, thin sheets of red (pre-petroleum plastic from vegetable sources) material known as "composite" was available for the patternmakers' use as parts of the pattern in addition to mahogany, the most common wood for patterns. Clear white pine was also used. Fred incorporated this red composite into his planes, usually in the traditional wear spots. Whether this pre-plastic composite was used originally or incorporated later when wear appeared is not known. Wear was certainly expected, especially from a small, oft used tool. Likely the composite was applied from the beginning and replaced as necessary. Composite is slick but not particularly hard.



Fred also made sweeps and straightedges of nice thin pieces of figured maple or of the same red composite. Sweeps are like rulers, some marked off by hand in inches, some not, that make gentle curves in three dimensions. They are thin and flexible and allow the drawing of gentle curved lines on flat or three dimensional surfaces (think drawing a curved line on a globe's surface).

It is common for patternmakers to work with a different set of rules ... literally. These rules are called 'shrink' rules. A "shrink" inch is just a bit longer on a shrinkage rule. This allows for a pattern that is just a little bit larger than the final sand cast product. The patternmaker makes an oversize pattern. The pattern is pressed into the top and bottom (the cope and drag) of a mold filled with damp fine



sand and clay which acts as a binder. The pattern is removed and the depression remains. The cope and drag are put together. Molten metal (brass, iron, bronze, aluminum) is poured into the mold, at the foundry. Each of these metals shrinks in the mold on cooling to their final specifications. Since each metal shrinks a different amount a different shrinkage rule for each type metal has to be used to create the pattern. There were no shrinkage rules in Fred's toolbox. However, Fred did make a

normal rule. Since it was twice the length of his toolbox, he made it in two pieces. The pieces are joined together in a brass mortise and tenon secured together with a small thumbscrew. The markings are hand stamped with numbers using a metal stamp with the line graduations drawn by hand.

You can learn a great deal about a man from the tools that he uses. Learn even more from the tools he makes. A word about Fred Früh's name is in order to understand this man. (Früh means "early" in the German language). Fred came to this country just prior to World War I and probably made some of the patterns



for war vehicles. He retired just prior to the United States' entry into World War II. The "ü" in Früh changes the pronunciation of this word. This "umlaut" over the "u", as the double dots are called, caused Fred two distinct challenges, as marked on his tools. Craftsman who make tools, and especially craftsmen who use their tools outside of their own shop, liked to mark their tools with their names. Secondly, everyone likes to have their name pronounced and spelled "correctly". When Fred made a tool he looked to his set of "American" metal stamps to stamp his name. This set had the alphabet, the numbers, and a few other characters, such as the period. Nowhere, in Detroit, it seems, was a metal stamp set with a "ü". Even if there was, only his fellow German immigrants knew how to pronounce a word with an "umlaut". So Fred used variations of spellings of his name to facilitate both pronouncing his name correctly and to overcome the limitations of his metal stamp set. He used "Friih". The "ii" looked somewhat like a "ü" but made pronunciation even more difficult. He finally settled on "Frueh" which his descendants use today.



In 1978, I roamed the countryside in my work as an insurance company marketing representative. This provided the opportunity to check out garage sales on many Thursday's. Detroit had many opportunities to collect high quality old metalworking tools at almost giveaway prices, as you might suspect from the motor city of tool & die makers. Woodworking tools were equally scarce in Motown. Worse yet, a single old geezer (I am one now) always seems to be one step ahead of me. The scarce woodworking tools I wanted, always seem to be "just sold to this guy that bought them all". They showed up at his

"Mall Show" antique booths at very high prices. So when I stopped at a Detroit suburb garage sale that day in 1978, Mrs. Frueh, wife of Fred's grandson, living in the same old house that Fred came home to in 1940, say's to me, "Looking for anything special?" Usually my answer is, "Nah! I try to keep an open mind at garage sales." This was, of course, to not give away that I am looking for tools and thus to cause the asking price to rise. You've got to be casual or they will find you out. I spotted a handmade wood "saw vice" on the floor of the



garage that was once mounted on a workbench. It was oak, old, and black (oak turns black on exposure to moisture and iron filings). It cost a dollar. Now that garage was for a single car and much too short for any car made after 1950. So, as was typical on houses built in Detroit prior to 1940, the back of the garage had been removed and a four foot deep lean-to was added on to accommodate the "modern" car hood allowing the garage door to close. I looked around the dirt floor for additional tools. Seeing none I broke down and said, "Got any tools?" Mrs. Frueh led me to the back porch ... not

a real part of the garage sale. There was Fred's handmade toolbox, just like he left it in 1940. "Yah! Hay, that's nice!" Doesn't hurt to be polite. "What are you asking?" "Oh!

My husband wants \$150". Now, I'm thinking \$150 is a bit high (in 1978) for a handmade



tool box, Kennedy style ... the kind with a locked top compartment, the front panel comes off



(for a writing surface??) revealing several drawers. It wasn't that well made anyway. Well, let's look at it . Open the lid. There's the thumb size red salt shaker! And sure enough, almost all of the tools in the compartment are a rusty mess, many beyond repair ...salt, humidity, time. "I don't believe anyone has even opened that since Grandpa died", she apologizes in embarrassment. I looked in the drawers. The handmade tools, planes, sweeps, were all perfect ... none of the rust of the top compartment on



the metal blades. The box was full of Fred's handmade tools and other tools of all kinds ... just like Fred left it. My heart pounded ... how to sneak away with the tool box full of tools for \$150 and second, how would I pay for it? This could well have been my single largest tool purchase ever. How could I explain the expense to my wife? The cash flow came easy. I had my \$250 expense account cash from a recent expense draft. Now to just deal with the wife problem ... one of many such instances involving tool purchases. Sneak it to the basement. "Did you just buy that?" "Nah! I bought that a long time ago, haven't you seen it before".



Okay! I forked over the money fearing that Mrs. Frueh would come to her senses and not be so foolish as to part with such a valuable piece of family history. My mother had done much the same some years earlier when my dad died, selling among other unforgivables, a similar actual "Kennedy" toolbox and a ship's bell clock made aboard my dad's navy ship with the brass case made out of a cannon shell. With the money accepted and the toolbox safely in the trunk of my car, I engaged Mrs. Frueh in a conversation to elicit as much history about Mr. Fred Frueh as possible.



My sins! I cleaned the rust off of as many of the tools in the top bin as possible. To recover my investment, I re-sold the manufactured tools that were duplicates of tools that I already owned. This easily, in a single garage sale, allowed me to recover the entire \$150. Manufactured tools that were not duplicates of tools that I already had, eventually found their way into my general use



collection. Fred's handmade planes were carefully stored in his handmade tool chest as they are today. I hang his handmade yardstick on my wall along with his sweeps. A steel



triangle, still showing the effects of storage in the "salt shaker" top compartment, hangs on my wall above my Shopsmith to check the square of my miter gauge to the sawblade.

Redemption! A few years later I came across a 'sale' in a ladies home. She had a number of small handmade wooden planes that her late husband had made. They were beautiful. Not overpriced. I talked her out of selling them. I hope she didn't sell them to the next "collector" that came by and kept her promise to "give" them to a local museum for display ... or at least keep them herself or in the family.

A number of years ago I began making woodworking tools for personal pleasure, for use in my woodworking, or to give or trade to woodworking friend for a future "draft" choice, usually an antique "find". My personally handcrafted tools consist of several wooden planes and several workbenches among marking, layout, and other tools. I have been making tools that incorporate brass and steel in the "wood infill"

style of English "Spiers" and "Norris" planes of the turn of the last century. These I have made using a small metal working lathe, mill, and hand tools while using my Shopsmith with metal in ways that other woodworking tools would envy. I often wonder if my tools with have a place in my family or will they go to a "garage sale" collector in the future when I go join Fred Früh in the great workshop in the sky.

As usual, questions and comments are welcome and may be addressed to William Johnston, johnston@everestkc.net, 913-492-6942.

Member Profile Mike Jones

Mike Jones is our current Director of Training. Mike has been a member of the Guild for more than 15 years, now. In that time Mike has also served as Vice-President and President. Mike has been woodworking for 50 years now and enjoys sharing that knowledge with you through the classes that he teaches or schedules for the Guild.

When asked whether he has any specialties, Mike answers with Furniture, Cabinetry, Woodcarving and knives. If you're ever at the old Empire Theatre, the Main Street Theatre in downtown Kansas City, check out Mike's handiwork in reconstructing the hand rails for the marble staircase inside.

Mike's favorite hand tool is his Lie- Nielson router plane. He loves it for cleaning up dadoes and rabbets. His favorite woods to use are walnut and rosewood. He likes the smell of walnut and rosewood makes beautiful knife handles.

Mike doesn't have a favorite project, they're all his favorite. His favorite Guild activities are teaching and being a Shop Foreman. While in the shop, Mike offers these tips. Stay alert and don't rush your work. Don't work with distractions. Pay attention to what you're doing, especially when the switch is on.

Thanks, Mike.



SEPTEMBER OPEN SHOP

8/31/2014 11:07

Hour beginning >>:	9	10	11	12	1	2	3	4	5	6	7	8	9
Mon, Sep 01	Labor day												
Tue, Sep 02	Gary Creek		Craig Arnold										
Wed, Sep 03											LC Mtg		
Thu, Sep 04	Mike Jones												
Fri, Sep 05											Scott Engleman		
Sat, Sep 06	Mike Jones												
Sun, Sep 07	Chuck Saunders												
Mon, Sep 08													
Tue, Sep 09	Jim Stuart		Ron Lomax		Gary Forister								
Wed, Sep 10													
Thu, Sep 11	Mike Jones												
Fri, Sep 12											Dave Kraatz		
Sat, Sep 13	Dave Kraatz		Bud Schenke										
Sun, Sep 14	Rob Young												
Mon, Sep 15											Gary Strohm		
Tue, Sep 16	Gary Creek		Craig Arnold										
Wed, Sep 17													
Thu, Sep 18	Mike Jones										Presentation		
Fri, Sep 19	George Walker - no open shop												
Sat, Sep 20	George Walker - no open shop												
Sun, Sep 21	John Johnson												
Mon, Sep 22													
Tue, Sep 23	Jim Stuart		Ron Lomax		Gary Forister								
Wed, Sep 24													
Thu, Sep 25	Mike Jones												
Fri, Sep 26											Dave Kraatz		
Sat, Sep 27	Dave Kraatz												
Sun, Sep 28	Rob Young				Hand tool SIG								
Mon, Sep 29	Pat Brown 9:30-12:30												
Tue, Sep 30	Gary Creek		Craig Arnold										



Kansas City Woodworkers' Guild

Increase your Woodworking skill and knowledge



September 2014, No 9

Next General Meeting : September 17th, 7pm KCWG Shop
Program : "Building the Cedar Strip Canoe and Kayak"
presented by Mike Mollohan

Find Us : KC Woodworkers' Guild
3189 Mercier
Kansas City, MO 64111-3631

Find us on the Web at www.kcwoodworkersguild.org

Have a suggestion for the Guild? Idea for a program, clinic, workshop? Contact us using the emails to the right.



WOODCRAFT[®] 3rd ANNUAL TOOL SWAP & SHOP Saturday, September 20 • 9 AM to 2 PM

Here's a chance to rid your shop of those tools that do nothing but collect dust or to look for that hidden gem someone is selling for a bargain price.

- WOODWORKING TOOLS ONLY
- Tailgate-/Trunk-style sale
- Rear parking slots *Only*
- First come, first serve basis
- One parking slot per person/vehicle
- Tables are allowed
- The store is unable to make change for you, plan accordingly.

To help make this a fun day for all, there will be tool reps showing off their cool tools and plenty of demonstrations.

Free hot dogs and soft drinks from 11am to 1pm.

8645 Bluejacket Rd. Lenexa, KS
Off 87th St, a 1/2 mile East of I-35
4th building North of Wendy's!

"Nothing will work unless you do."

— Maya Angelou

Position	Name
President : president@kcwoodworkersguild.org	Chuck Saunders
Vice-President : vicepresident@kcwoodworkersguild.org	Roland Mohler
Secretary : secretary@kcwoodworkersguild.org	Sharon Pugh
Treasurer : treasurer@kcwoodworkersguild.org	Gary Mielke
Member-at-Large : memberatlarge@kcwoodworkersguild.org	Kevin Thomas
Director of Events : events@kcwoodworkersguild.org	Tim Locke
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