



# Wood Words

The newsletter of the *Kansas City Woodworkers Guild*



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**Next Meeting: Wednesday, June 16, 2010**  
**Program: Jigs and Fixtures**  
Bring your workshop jigs and fixtures

**Sawdust:**

**The Presidents Corner**

Do you remember those days, when you were a kid, when you went on a class field trip? For myself there was a wide variety of locations we went to thru those informative years. We went to Adams Dairy, Quaker Oats, the Truman Library and of course the standards of the zoo and whatever museum would have us. There was always a special excitement when we would bring home the permission slip to be signed by our moms or dads. I remember lying awake the night before thinking of what we might see or do. Plus the idea of just being out of school for the day made all the better.

Well, I'm a far cry older than I was back then. But the excitement of the field trip is still there. The only permission I had to get was my wife's and she was glad to have me out of her hair for the day. That's kind of like the teachers who usually had 2 or 3 parents along to help corral all the kids. I think they appreciated the help, at least.

Our latest field trip started early on a Saturday morning with everyone meeting at the

Guild Shop. In our old age, our choice in buses has definitely improved. No long yellow school bus with bench seats and no suspension. No we had a smooth ride in plush seats with A/C, and even a DVD player, to make the 3 hour plus ride go by easier. We watched the many hairlines of Marc Adams and got a preview of that new Saturday afternoon woodworking guy, Tommy MacDonald. He's going to be a good one.

Our first stop was the small town of Huxley, Iowa, population around 2,400. This is the home of the Kreg Tool Company. We were met by 3 of their best. I must apologize now. I remember nobody's name that we met on this trip. Call it an "Oh, #%\*!" moment.

Anyway, we started out in their test shop, where we were given a demonstration of Kreg's new Beaded Face Frame System. A really slick system, by the way. We then broke up into 3 groups and got the full tour of factory, warehouse, and offices. Afterwards we went back to the test shop area where we were treated to a door prize drawing. It must have been rigged because I didn't win anything.

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Then it was a goodbye to our new friends and off to a hearty lunch at the Iowa Machine Shed.

After lunch, with full bellies, it was off to August Home Publishing. I'm glad the ride there from the restaurant was no longer than it was. I would've definitely taken a nice nap. August Home Publishing is the home of *Shop Notes* and *Woodsmith* magazines. There are a couple of other magazines, but hey, we're woodworkers. We were met by 3 of their finest and yes I forgot all of their names. Though, I seem to remember that one of them is the star of the *Woodsmith Show* on PBS.

After a brief introduction, we split up into 3 groups again to tour August Home Publishing's four buildings. We got a real background into how these magazines are produced. Everything from their well-equipped shops, notice I said "shops", plural. To where their photography is done for each magazine, to the meeting rooms where the editing and content construction is done. All throughout the buildings were projects, straight from the pages of *Shop Notes* and *Woodsmith*. I think that was my favorite part of the tour. Since I'm a subscriber to both magazines, it was a hoot to see these projects up close and in person.

After saying goodbye to our new friends at August Home Publishing, it was back on the bus for one more stop before heading home. The Woodsmith Store was our last stop. It is quite a place and some of us couldn't help but to help out the local economy. By the way, if you ever go to Des Moines, to the Woodsmith Store, take your Guild membership card. It's good for a 10% discount.

Finally, it was time for the trip home. A long day, full of fun was had by all. I, myself, had no problems sleeping that night. I was like that younger version of myself, that wore himself out seeing all that he could see.

My special thanks to Cliff Bell, Larry Morse, and Chuck Saunders for all the work they put into this trip. Great job, Guys!

**So till next month,  
I hope you're making sawdust.**

**Kevin**



### New Sponsor

Toymaker Press, Inc., owned by KC Woodworkers' Guild Members, John & Cynthia Lewman of Shawnee, Kansas, is publisher of fun-to-make wood toy patterns and plans for amateur and professional woodworkers. You may visit their online store at [www.toymakerpress.com](http://www.toymakerpress.com) and download free pdf ePlans. Members of KCWG receive a 10% off discount on all product. Call us at 913-962-4714 or email [cynthialewman@toymakerpress.com](mailto:cynthialewman@toymakerpress.com) for your members only 10% discount code before you order online.

### CNC — Special Interest Group

The turnout was light probably because Tuesday sneaks up after Memorial Day.

Everything Works!!! The Guild computer now runs the Guild CNC Router, and it only took 4 months.

Arnold brought in the motorcycle carvings and displayed the importance of tight collets and consistent points of origin. We will demonstrate the CNC router at the Open House on June 12th at the Guild Shop.

Next Meeting July 6th will be a run what you bring. Bring a drawing and a piece of material and let's make some chips! Try to keep the drawing on the simple side so that we don't spend all night at the shop. The time has come to stop watching and start doing.

Respectfully submitted Chuck Saunders

### Hand Tool — Special Interest Group

This past May, Walter Murphy invited the KCWG Hand Tool SIG to his shop (Home Team Solutions, Kansas City, KS) for a demonstration of basic heat treating for woodworkers. Walter provided handouts detailing the relationship between the steel composition, temperature and resulting hardness or workability. As with all relationships, it's all about the compromise.

In addition to cramming a semester's worth of metallurgy and materials class into 30 minutes

Walter also tipped us in on where to find material. Here we see an example of using the "spark test" to decide if you have high or low carbon steel. For more

information on how to interpret the sparks, see this Wikipedia article: "Spark Testing" ([http://en.wikipedia.org/wiki/Spark\\_testing](http://en.wikipedia.org/wiki/Spark_testing)). For the beginning blade hacker, Walter recommends purchasing O1 tool steel from a supplier. *Continued on Page 4*



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## Member of the Month June 2010

### Brad Swater

#### What is your specialty in woodworking?

I don't really have a specialty; there's a lot I'd like to do, and a lot that I try, but nothing I'm good enough at to say it's a specialty.

#### How many years have you been woodworking?

Off and on since high school. If you skip the two years I was in the dorms, it adds up to about 8 years, most of which turning pens and doing small scroll-saw projects. I've only started tackling bigger stuff in the last 3 or 4 years. Right now I'm focusing on getting my shop put together and building up my skill-set before starting a dining room set and a wall of bookshelves for my home office / library. I figure the best way to learn is by making my mistakes with shop projects.



#### What is your favorite hand tool and why?

A good marking knife. Pretty much the only hand tool I use. I'm a big believer in modern technology, and believe that had power tools existed in the 1600s - 1800s that a lot of the craftsmen of the time would have been using them too. This can be seen through the advancement and variety of moulding planes -- high technology at the time.

#### What is your favorite wood to use and why?

Walnut. I absolutely love the way it looks, and it machines fairly nicely too.

#### What is the most favorite project you have built and why?

I don't know that I could pick just one. My most-used project is a coffee table I designed and built in high school shop class, and I still regularly use the first pen that I turned, so I guess those would count.

#### What is the best deal you have gotten on a woodworking tool?

I can't say I've gotten any really good deals on woodworking tools. I also can't say I've made any really bad deals either, so I've been lucky in that respect.

#### What has been your favorite guild activity?

So far I'd say it's been the Holtzapffel workbench build, although I'd say the CNC SIG looks promising if it continues to grow.

#### What shop tip can you give us?

You'll have to wait for the August issue of Popular Woodworking (on sale then end of June!) -- I'm told my tip will be in there.

#### What safety tips can you share with us?

Tools do not need to be turned on, or even plugged in, to injure you. Carelessness can leave some pretty nasty cuts just from catching the point of a drill or the edge of router bit. It's easy to keep safety in mind when the tool is screaming away, but the chance of injury doesn't go away when things are quiet.



## New Special Interest Group Forming



### The Shop Smith —SIG Coming soon

**For all of you that have one, want one or just might want to know more about the Shop Smith line of tools. The Guild is looking to form a Shop Smith SIG to share knowledge, tips and tricks.**

## Member of the Month May 2010

### Dan Soliday

I began wood-working in high school, serving as a student assistant my last two years. I then rekindled my woodworking interests six years ago when I decided to build my own bookshelves. My early woodworking experience was power tool driven, since the few hand tools at our school shop were rarely sharp and never properly tuned.



Recently, I have developed a real appreciation for hand tools and am progressively integrating them into my work. I enjoy trying new things, rarely making the same project twice. I try to build projects that utilize different tools and diverse joinery in order to further develop my skills. I have two favorite projects due to their sentimental value. The first was a lectern made of quilted oak with walnut accents that I donated to my childhood church in honor of my father who served as their pastor for 26 years. The second, Christopher Swartz's 1839 Dovetail School Box, I made for my wife's last birthday. This was my first attempt at hand cut dovetails, so I learned a lot of new skills while discovering the joy of carpal tunnel syndrome.

Choosing the right type and piece of wood for a particular project is one of my favorite woodworking tasks. I love figured woods (curly, quilted, spalted, birdseye, etc.) They are difficult to work, but their unique character and incredible beauty make it worth the hassle.

My Veritas Low-Angle Jack Plane that I recently won in the guild raffle is definitely my best tool acquisition and has quickly become my favorite hand tool. It is easy to tune and highly versatile, being able to do everything from face planing and edge jointing to trimming end grain.

I am very safety conscious. (I like my appendages and prefer to keep them.) I often work evenings and late at night in my shop. After a few, let's just say "close-calls," I have adopted a strict rule that I never use power tools after 10pm or when I am feeling tired.

I have really enjoyed and learned a great deal from all of the guild activities. But experiencing a Marc Adams seminar and watching Rob Young cut a new kind of dove-tail at the Woodworking Show were two of the most memorable.

Continued from Page 2

Hand Tool — SIG



The steel will be of a known quality unlike guessing at the composition of 25¢ garage sale mystery metal.

### A very brief review of the steps:

Anneal the steel – this makes the steel ductile and easily worked. The steel is heated to its hardening temperature and then cooled slowly. We skipped this step as it is a bit like watching paint dry. Instead, if you purchase your tool steel from a distributor, it will likely arrive already annealed. Knowing how to do anneal is important because if you make a mistake during the tempering process, you can always re-anneal the steel and start over.

Shape the steel – now is the time to work the steel into shape, make the tang on the chisel or form the scoop of the gouge for instance. An important tip from Walter concerns inside corners cut into the blank. Relieve the stresses caused by the cut by drilling a hole to radius the corner first. Otherwise you run the risk of warping or even shattering your project later.

Hardening – return the steel to the hardening temperature and then quench it quickly to “freeze” the crystalline state. In the case of O1 steel we quench in oil. Used motor oil works but a gallon of peanut oil would smell less like a burned out Ford and more like your favorite drive-in on onion ring Tuesday. The steel is now as hard as it will ever be but much to brittle to hold a sharp edge. Here we see John Johnson and Anthony Ingo helping by holding a pair of MAPP gas torches. A small forge made from a few refractory bricks makes the MAPP torches work more efficiently by reflecting heat back onto the work-piece. The simple test for knowing that the workpiece has reached its proper temperature for hardening is the steel will lose its magnetic property. Keeping a small magnet (with a large handle) handy lets you test the steel. When the magnet no longer sticks, the steel is ready for the quench. This quench must last for a pre-determined amount of time. This time will be given by the supplier of the O1 tool steel, another reason for purchasing steel of known quality when starting out.



Continued Next Page

We also see another of Walter's tips in action. Use vice-grips to hold your workpiece, but even more important, always have TWO vice-grips handy. One pair to hold the workpiece and a second pair for gripping the piece during repositioning. This isn't the time to be testing the thickness of your calluses.



Tempering – the final step where the steel is again heated but to a much lower temperature to relax the crystalline structure just enough to get a workable compromise between too brittle and too soft.

Lacking any special equipment for monitoring the temperature, the hobbyist can use the colors that appear on the surface of the steel to gauge its temperature.

A chart outlining the relationship between color and temperature will be posted in the KCWG shop. Here we see how the colors have been “frozen” by the second quench and the sample chisel blade is ready for final sharpening and the addition of a bolster and handle.

Thanks again to Walter Murphy for his demonstration and shop tour! In the very near future the Hand Tool SIG will have Part II of Heat Treating and Tool Making where we will be fabricating the blades for our own marking knives.

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**The Kansas City Woodworkers' Guild  
Shaker Oval Box Demonstration and Work Shop  
with  
John Wilson, the Boxmaker**



## Free Clinics

**Bandsaw Tune Up by Dave Kraatz**  
 July 17, 9:00 AM Clinic size is limited.  
 E-mail Kara Paris at  
[training@kcwoodworkersguild.org](mailto:training@kcwoodworkersguild.org)

**Marquetry Demonstration and Round Robin**  
 by Dave Roth, Ron Lomax & Ken Grainger.  
 July 31, 9:00 AM to 12:00 Noon

**Cabinetmaking Clinic** by Paul Chafin  
 July 10, 9:00 AM—12:00 Noon  
 Hands on Clinic to follow (TBA), building the  
 Kitchen cabinets for the Shop.

**Working with small Children Clinic**  
 by Bill Johnston. August 7, 9:00 AM

If you are interest in helping facilitate this  
 let Kara or Bill know.



## Coming in the Fall

**Old World Finishing Workshop**  
 by Wood Conservator  
 Randy Bohn.

October 16

**Monthly Orientation Safety Training**  
 Wednesday, June 23, 7:00 PM

Please sign up with Kara Paris at  
[training@kcwoodworkersguild.org](mailto:training@kcwoodworkersguild.org)  
 for any classes, clinics, workshops,  
 and/or orientation.

Check the KCWG Website for any  
 changes or updates

## Open Shop Times

You must have a "Green Name Tag" to work in the  
 shop

**Sunday, June 20, 10:00 AM - 4:00 PM**

**Tuesday, June 22, 6:00 - 9:00 PM**

**Sunday, June 27, 10:00 AM - 2:00 PM**

July dates will be out on Website soon!

Submitted by:

Kara Paris,

Director of Training

[training@kcwoodworkersguild.org](mailto:training@kcwoodworkersguild.org)

## We Need Your Help!

It's been a great year at the Guild, with the programs,  
 activities and events. Next year will be even better with  
 more events, workshops and other activities.

### Classes

Making a Side Table  
 Making Cabinets  
 Hands On, Hand Cut  
 Dovetails  
 Scroll Saw Christmas  
 Ornaments

**Many more with  
 your ideas!**

### Training Clinics

Raise Panel Doors  
 Basic Finishing  
 Basic Router Techniques  
 Hand Cut Dovetails  
 Basic Wood Joints  
 Machine Cut Dovetails  
 Pocket Hole Joinery  
 Mortise & Tenon Joinery  
 Basic Scroll Sawing  
 Hand Planes Tune-Ups  
 Woodworking with Kids  
 Basic Marquetry  
 Basic Intarsia

**New members— a  
 great way to meet  
 and get to know  
 other members.**

We need help with the  
 following Committees.

#### Membership

Calling members  
 Greeting members  
 Assist in selling memberships

#### Programs

Organizing and creating future programs  
 Help schedule weekend programs  
 Raffle

#### Communications

Audio Visual                      Newsletters  
 Library                                Web

No judging of Show and Tell items in 2010.  
Each month, persons bringing items will participate in a drawing which two persons will win.



Walnut Panel Saw by Robert Young



Rocking Horse by Chuck Slagle



Chicky Box by John Tigler



Clip Board (Purple Heart, Maple, Walnut)  
by Jerry Watson



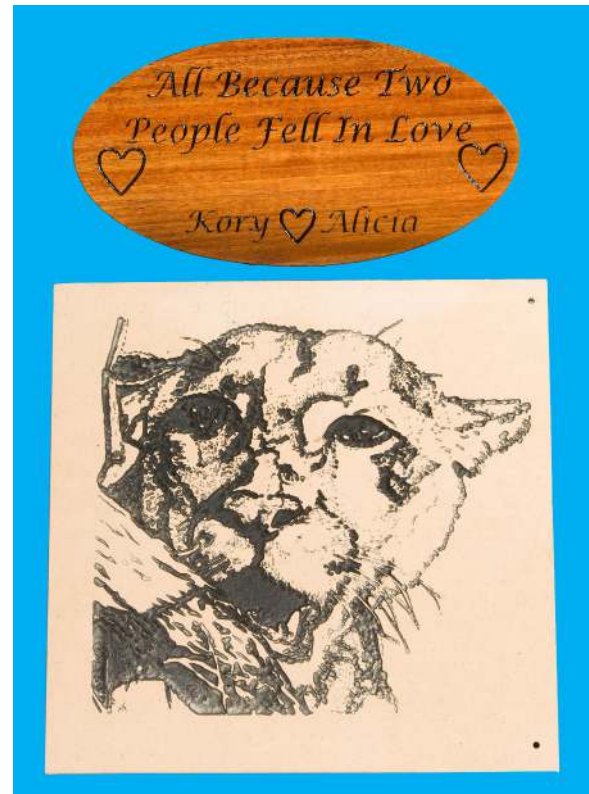
Miter Gears of Pine by James Childless



Arrowhead Display Box by Jim Jim McCord



Box Clamps by John Van Goethem



Plaque and CNC Relief Picture by Arnold Baker



Pipes by Antony Harris



## Scroll Saw Clinic



The program given at the May meeting was an introduction to the Scroll Saw Classes that David Roth will be teaching in June. The Classes are only 2 hours long and only \$10.00. What a deal! We will be making Christmas Ornaments (see photo). Learn the process for making multiples of the same items easily. **Please sign up with Kara Paris at the meeting or e-mail her at [training@kcwoodworkersguild.org](mailto:training@kcwoodworkersguild.org)**

### Class times available:

Thursday, June 17, 7:00 -9:00 PM

Friday, June 18, 9:00 – 11:00 AM

Saturday, June 19, 9:00 – 11:00 AM

Saturday, June 19, 1:00 – 3:00 PM

## Table Clinic

Ken Sokol will be leading the making of a table, 4 legs, 4 aprons & a top (no drawer). Many of you that came to the Kelly Mehler Workshop in 2008 were promised this opportunity and if any one else would like to learn processes of mortise & tenons, tapered legs, and more, plan on signing up. Table planning is July 13, 7:00 PM. You supply your material and will build your table each Tuesday night in August 3,10,17, 24, 31. **Please sign up with Kara Paris at the meeting or e-mail her at [training@kcwoodworkersguild.org](mailto:training@kcwoodworkersguild.org).**

**Clinic size is limited.**

## KCWG General Meeting 5/19/2010

The May general meeting of the Wood Guild was held Wednesday, 5/19.

The first hour was filled with the usual business and announcements, plus the always popular “show –and-tell “. It attracted 12 participants:

Don Kruse showed the “tool of the month”: a 19<sup>th</sup> century Mosher “Batwing” plane.

The other participants were: Ken Grainger , bow saw; Jerry Watson, clipboard; John Tegeler, “chicky “ box; Mike Erickson, jewelry box; Chuck Slagle, rocking horse; Rob Young, walnut pencil box & stanley 48; Jim McCord, arrowhead display box; John Van Goethem, box clamps; Arnold Baker, cougar picture and plaque; James Childress, miter gears; Anthony Harris, pipes

In the second hour, Dave Roth presented an information filled presentation on making Christmas ornaments with a scroll saw. One of the tricks he described was covering the wood blank with blue masking tape, then covering this with packing tape. The packing tape lubricates the blade and prevents burning, while the blue tape allows for easy removal of the packing tape.

His preferred finish is shellac.



### Bob LaDue

Would like the guild membership please save the pop tops on all there pop cans.

There will be a box for them at the membership desk.

#### Calendar

Leadership Meetings, 7:00pm, 9701 W 67th St, Merriam, Kansas 66203

Guild meetings, 7:00 pm 9701 W 67th St Merriam, Kansas 66203, Enter from west , go downstairs, come at 6:15 to share and visit.

**Executive Meetings      2010      Guild Meetings**

<b>Jun 2</b>	<b>Oct 6</b>	<b>Jun 16</b>	<b>Oct 20</b>
<b>Jul 7</b>	<b>Nov 3</b>	<b>Jul 21</b>	<b>Nov 17</b>
<b>Aug 4</b>	<b>Dec 1</b>	<b>Aug 18</b>	<b>Dec 15</b>
<b>Sep 1</b>	<b>Jan 5</b>	<b>Sep 15</b>	<b>Jan 19</b>

#### **Coming Programs and events**

We have a many special events planned this year!

July Meeting:  
Krenov Plane with Rob Young.

August Meeting:  
Acacia Koa, The Wood of Royalty in Hawaii.  
An introduction to endangered species.

September Meeting:  
Toy Maker Press with Cynthia and John Lewman.

October Meeting:  
Miniature Woodworking with Bill Robertson.

#### **Workshops**

Check back for other exciting workshops coming soon!

**Bandsaw Tune Up**  
**July 17**  
**Marquetry Demonstration and Round Robin**  
**July 31**  
**Cabinetmaking Clinic**  
**July 10,**  
**Working with small Children Clinic**  
**August 7**

**Kansas City Woodworkers Guild**  
**9701 W 67th Street, Suite 100**  
**Merriam, KS 66203**