



# Wood Words

Kansas City Woodworkers Guild [www.kcwoodworkersguild.org](http://www.kcwoodworkersguild.org)

Volume 22 Issue 4

April 04

**Guild Meetings:**  
Jacob's Well Church,  
1617 W. 42nd St.,  
KC Mo. 64111

**Spring Seminar - May  
8th at the Church.**

**Only \$25 - Be There!**

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## April Raffle: The "big" Raffle Prize will be awarded this month!

Please thank sponsoring members; noted below for supporting our Guild.

**Next Meeting Wed. April 21st, 7 PM**

**Program: The Leigh Dove Tail Jig**

### **Sawdust: The Presidents Corner**

Erl Poulin

The big event this past month was our recent trip to Elmwood Reclaimed Timber Inc. On a cool, bright and windy Saturday morning, approximately two-dozen of us made the short trip north to visit with Chad, Mark, Matt, Connor and Robyn to see how they convert reclaimed wood from old barns and buildings into high-end flooring, paneling and lumber for furniture.

In less than five years, they have built a very successful business around hard work, vision and foresight, and have done quite a remarkable job of it.

They showed how the recycled wood, some of it several hundred years old, is salvaged in the dismantling of buildings, then converted into planks suitable for use in new construction and renovation.

They spoke of the various grades of product, from skim grade, which removes just the top surface of the

wood and debris, and protects the original saw and hand tool marks made by the carpenter, to nail grade, which preserves the nail holes and marks in the finished product, all the way to cabinet grade, which comes from the interior of the large beams recovered.

Some of these beams can be as much as 24 inches square, and have as many as 140 growth rings per inch. Talk about old-growth timber!

Nowadays, there is nothing quite like that available to us as woodworkers - except now you CAN find it at Elmwood!

They have no shortage of buildings to be dismantled, and customers are clamoring for their flooring and paneling

**Nowadays, there is nothing quite like that available to us as woodworkers - except now you CAN find it at Elmwood!**

for use in restaurants, shops, and other public places, as well as private homes.

One of their products most in demand is a fireplace mantle made from hand-hewn timbers, complete with the original tool marks. These guys all have very active imaginations, as well evidenced by their offices, which they built inside an old grain silo. They regaled us with many tales of

the dangers of dismantling old buildings, and spoke of the need for the extra care they take to ensure their safety.

We were treated to demonstrations of their Wood Miser, laser-guided self-feeding saw, six-station molding machine, and other woodworking equipment and tools. All in all, we were very impressed.

### PLEASE PATRONIZE OUR SPONSORING MEMBERS



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**Strasser Hardware**  
(816) 236-5858

Even their wood-and-propane fired wood kilns are top-notch, as is their entire operation. One sign I saw in their offices while we were there that amused me was this:

**“This is not an RDS factory.  
Kindly eschew obfuscation.”**

It exemplifies their vision and business outlook. Ask me at the meeting, if you need a translation.

Chris Kunzle reports that the Guild big-item raffle is quickly nearing our ticket-sales goal, so we will hold the drawing during the break at this month’s meeting.

Thanks to the efforts of our treasurer George Dixon, and Steve Williams at Strasser Hardware, we have obtained a DeWalt DW735 Heavy-Duty, 13” Three-Knife, Two-Speed Thickness Planer for the next item soon.

Several of our Toy Captains from last year have agreed to participate again this year, although some have stepped down. One request voiced by several captains is to have Co-Captains, to assist in each of the Toy Projects. So here again is another great opportunity to get involved in the Guild’s efforts at outreach into the community, and I hope to have just as many members participate.

Our session at the Schlagle Library in the Wyandotte County Lake Park is scheduled for Saturday, June 12<sup>th</sup>. They are having an “Art Show,” and the theme is about wood education - the types and species of wood, how to make wooden items, where wood comes from, etc. We are looking for twelve to fifteen members to spend 4-5 hours there that day, and accomplish two goals:

- Show some ‘artsy’ type woodwork items such as Intarsia, Veneering, and scroll saw fretwork. This would be a display of our work.
- Demonstrate how we made them - a couple of members could actually “demonstrate” their work.

We can display and sell our work at the show, with price tags and a phone number. We will be inside the library, although if we have enough people, some could be on the outdoor porch or the deck. I will have a sign-up sheet available at the meeting, and more information will be forthcoming.

For the Guild Skills Seminar. We will be building a blanket chest during the seminar, with each of the presenters demonstrating a different skill in the process.

These skills will include such things as raised-panel construction, mortise-and-tenon and dovetail joinery, and finish techniques.

Plans are well underway, and the date for the seminar is set for the 8<sup>th</sup> of May. We will have a sign-up sheet available at the meeting; we’d like to have about fifty members attend the seminar. Cost for the seminar will be a modest \$25.00, and will include a box lunch.

This month we will hold our annual election of officers and directors to the Guild, and we have a fresh slate of candidates who have stepped forward to serve on the board.

We present Wayne Wainwright for President, Wayne Suter for Vice-President, Paul Twenter for Treasurer and David Roth for Secretary. For the Director positions, we offer Mike Jones, Brian Kemp, Neal Shoger, Chuck Slagle, Ken Sokol and Terry Stair.

I want to state that it has been an honor and a privilege serving the Guild as president these past two years, and now it is time for fresh blood to take us in new directions. I’m sure these individuals will work just as hard as has your present Leadership Team, to benefit the Kansas City Woodworkers Guild, and advance the ideals of fine wood-working, fellowship and outreach.

## Shop Safety

**Brad Barth**

A common theme in injuries is not taking the “time” to do what you know is safe. Even though the drill press is usually considered to be one of the “safer” tools in the shop, it can still cause significant injuries. Here are some examples from the archives at [www.woodworking.org](http://www.woodworking.org) that demonstrate the importance of using clamps and hold-downs.

“I needed the drill press to cut a round segment from a ½” piece of purple heart. I chucked a 2” diameter Forstner bit and began to make the cut. I knew the bit would want to grab the thin board, so I made sure I held it extra tight with my left hand. It grabbed anyway.

I was holding it so tight that my thumb went with it before I could react. The large cutting corner of the bit dug in from the first knuckle, through the nail and off the left side. I received 19 stitches.”

“This has happened more than once, I’m ashamed to say. The accident is thinking that my grip on a small or roundish shaped piece is greater than the torque exerted by the bit via the drill press. I’ve had my hand smacked several times, once (and the last time, knock on wood) very hard, thought

it was broken or even worse till I could look.”

And I can't resist throwing in another reminder about safety glasses.

“Another worker was on the drill press while I was sitting at a belt sander to his left, face about level with the drill, I was thinking, "I have regular glasses on - no side protection though, but what are the chances? Too much, at least 1 in 360 degrees!

Sure enough, the other guy jams his bit into his work piece, has to let go as it starts spinning and then THAK! Broken off drill bit and all slams into the wall somewhere, fortunately missing me”

Disclaimer: The information in this article is not meant to be medical advice, please discuss any concerns you may have with your physician.

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this, visit [www.Woodworking.org](http://www.Woodworking.org)**

## **Program: Tuning the Band Saw with Dave Kraatz**

David Roth

The Delta 14 inch is typical of the home shop. The right size, good tool, easy to set up. Delta 14 inch has been around since the 1930s, with virtually the same design, although the newer ones seem to be getting worse in quality. The “Tuning” process will be the same for most other saws in the 12-18 inch range. In Dave's opinion, the Band Saw is the second major power tool that you should have.

With a Table saw, Router and router table, Bandsaw, and Drill press, you can do just about anything.

With the Band Saw, you can do curved and circular work, scroll sawing, resawing, dovetails (works best for pins first). WHY? Because variation in the tails will require you to change the pin angle for every pin.

The Band Saw is NOT a finishing tool!

### **Tuning your Band Saw:**

The process is the same for new, old, rebuilding, buy-ing used. Vibration, Misalignment and Wear are your major problems.

Start out where most of us never look, the drive train, motor, pulleys and belts. Make sure that the drive

pulleys are aligned and tight. The Die cast pulleys flex and eventually work themselves loose. Dave says he has seen them develop stress cracks around the rim.

Replace them with machined steel for best results. Link belts are smoother and vibrate less than standard V belts. Make sure that the mounting bolts are tight, and check the saw stand, covers and belt guards.

Run the saw with the blade off to check for motor, belt and lower wheel vibration.

Next, turn your attention to the band wheels, The achilles heel of the Band Saw. Check the wheel trunnion. Make sure that they are tight and free running, no binds, squeaks, grinds.

Make sure that they are co-planer, with the blade off and with the tensioner slackened, inspect the tires for flats, grooves, cuts and lumps.

Check the wheel run out if you are experiencing vibration or rough cutting.

### **Blade Setup:**

Inspect the blade at the weld and dress it so there is no burr or bump. Back off of all guide settings. The tension should be adjusted to the proper point for the width of the blade. Dave uses an Iturra high tension spring and ad-justs to the Delta marks.

Mount the blade and adjust the tracking screw while manually turning the wheel to make the blade track in the center of the wheel and set the table square to the blade. Run with the blade tensioned to check the upper wheel and blade vibration.

*(Continued on page 4)*

### **Special Member Benefit from:**

**Plans NOW**

Join the PlansNOW Treasure Hunt and win TOOLS! Visit [PlansNOW.com](http://PlansNOW.com) and click on the PlansNOW Pirate for details.

And while you're there, use your 15% discount on all the plans and techniques in the store.

(Continued from page 3)

Dave finely adjusts the tension while sawing to give the best cut. Do not use the blade flutter method due to the florescent lights in your shop. It is hard on the eyes.

#### Blade Guide adjustment:

Dave uses cool blocks. He hasn't tried band rollers, Carter's or ceramic guides.

Set the Lower, then Upper blade guides to almost touch .001-.003. These hold the blade straight, so set them at the bottom of the tooth gullet. Set the thrust bearing about .005 behind the blade.

The thrust bearing backs the blade and reduces bending stress and keeps the "track". Lower the blade guide to within 1/4 inch of the work piece. This keeps the blade straight between the guides. It may be necessary to reset the top guides for each height setting. This can be corrected by shimming the column joint, about 1:6 ratio.

#### Blade Selection:

General use is 1/4 " 6 tpi hook pattern, materials up to 2" thickness. Resawing is 1/2" 3 tpi or variable tooth 3-4 tpi. Dave regularly uses Lenox Promaster II M-42 HSS Bi-Metal blades. He does "not" round the backs of his blades

#### Fences:

Dave uses home made fences. A short fence 1 1/2 inches for general sawing and ripping, a gauge for cut offs. A tall fence 3 1/2 inches clamped to the table for resawing

#### Resawing:

Gauge the blade lead (drift) and clamp the fence at the same angle. Use the tap method for fine adjustments in thickness. Keep your pressure on the work piece behind the blade. Use a steady feed rate, when you pause the blade un-flexes and makes a lead mark.

#### General rules and practices:

- DO NOT leave your saw tensioned when you are not using it.
- ALWAYS unplug the power when adjusting your saw
- Re-Set your upper blade guides for each height setting if necessary

- Use a brush and clean your band wheels after each sawing session
- Perform tuning steps 1-3 on a 3-6 month interval depending on frequency of use
- If you have to use a lot of force to cut, CHECK YOUR TUNING
- A tool should cut and you should guide the work piece, otherwise your tool is not set up correctly

Dave Demonstrated resawing, halving a board, making a tenon and setting it square.

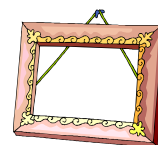
#### Tool List for Tuning your Band Saw:

Socket wrench set, nut runners, 5/32 Allen t-wrench, Folding Allen wrenches, Slip joint pliers, Large and small screw driver, Axle shims, 6 and 9 inch squares, Long straight edge, Mag base and dial indicator, Scrap for testing, hammers, BP and plastic, Wheel cleaning brush, blade lubricant.

Thanks Dave for another GREAT program!

### Our Sponsors

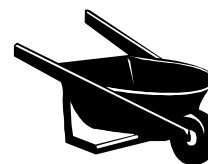
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Strasser Hardware





## 2004 Guild Activities

### May Mentor Sessions:

- These members will conduct "mentoring" sessions in May. A sign-up sheet with specific dates and times will be available at the April meeting
  - Frank Layne - Furniture restoration
  - George Dixon - Table Saw set-up
  - John Freeland - Jigs for your workshop

### Flag Cases:

- 4 members will build 10 Flag Cases at Woodcraft on May 8th. Woodcraft has donated the wood and The Framery has donated the glass to complete this worthwhile project.

### Johnson County Museum in Shawnee:

- The Museum is conducting a "hands on" exhibit for children and would like the Guilds assistance in making a few small items. A small shelf, a short half wall, etc. Please see Wayne if you are interested in helping.

### Spring Seminar:

- The team met and is on track for May 8th to build an Arts & Crafts style Blanket Chest. A small fee will be charged to cover lumber and rental costs for the church.

### Schlagle Library:

- The Guild will participate in an event at the Schlagle Library on June 12th. We need several members to participate in either displaying or making items "at Schlagle". The theme will be "outdoor" living. Items can be sold at the Library. More information will be available at the April meeting.

### Bus Trips:

- Wayne has several "trips" on tap for the guild:
  - **Elmwood:** The trip was a success!
  - **Wood Magazine:** The bus has been booked! The trip is a go.

### Tool Auction

- Chris Kunzle is coordinating a Tool Auction for this summer. More will be discussed at the April meeting, but remember, any tool you donate "is" tax deductible.

### Guild Training Classes

- First class will be held at Woodcraft in June and another is being scheduled at Turn About Wood on July 10th. More info next month.

### Business Opportunity: Selling Wooden Items

Member and Sponsor Jim Doyle, of the Framery, has an opportunity for Guild members. Jim says:

"I have started a new line of business selling hand-

crafted wooden items targeted as corporate / executive gifts for employees, clients or friends.

I am looking for any items that you can make that can be produced in quantity.

I am also adding a page to my website called The Gallery that will be available for selling small/limited quantity items".

A website is up for this business: [www.j-store.net](http://www.j-store.net)

If any guild members are interested in the particulars, contact me directly at my business, **The Framery, 913-831-9411** or at the website above.

### Fallen Hero

On March 23rd a living Memorial was held at Smithville Lake for Sgt. Donald Walters; attending was his wife Stacie and daughter Amber, along with local and state dignitaries.



Sgt. Walters was serving in Iraq with the 507th Maintenance Company when he was killed on March 23, 2003 defending other members of his unit. He died in action in Iraq during the same skirmish in which Jessica Lynch was captured.

Information is sketchy but it is believed he was the first to be killed in his unit in a gun battle, on the outskirts of An Nasiriyah, with Iraq military forces. It was first thought that Jessica Lynch was the one who put up the heroic gun fight but she later confirmed that it was Sgt. Walters. He was posthumously awarded the Silver Star and the Purple Heart for his actions and sacrifice.



A Japanese Red Maple was planted in his honor (donated by Marshall's Nursery). Stacie Walters was presented with an Oak flag case, donated by the KCWG and built by member Wayne Suter with the glass donated by H&H

Glass in Excelsior Springs. Stacie is very appreciative and sends her deepest thanks to the Guild.

Want to help cut guild monthly costs? Consider receiving the newsletter via email. It is faster and comes in color. If you are interested, please send an email to Wayne Wainwright at: [wwrig@kc.rr.com](mailto:wwrig@kc.rr.com), or add your email to the Attendance list at the monthly meetings.

**Newsletter Deadline: 1st of the month:**

**Please send all submissions for articles, tips, want ads announcements and anything else to Wayne Wainwright: 816 453-1073 email: [wwrig@kc.rr.com](mailto:wwrig@kc.rr.com)**

**4214 N Brighton Ave KC. MO. 64117**

## Member of the Month

Brian Kemp

### Jim Ramsey



#### What is your specialty in woodworking?

I don't really have what I would consider a specialty. There are so many directions to go in woodworking I am still experimenting. I enjoy veneering when the project calls

for it; I have studied marquetry and hope this year to pursue that aspect of this hobby.

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

I have pretty much always worked with my hands Model Railroading (HO gauge), flew model airplanes, and then picked up woodworking about twelve years ago.

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

With apologies to Dave Kraatz, I have not been a big fan of hand tools for most of my woodworking time. Recently I have acquired a Lee Nielsen Block Plane and have found myself reaching for it more and more.

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

I would say that the router is the favorite because it is so versatile, it can be mounted in a table or hand held. It uses a wide range of bits and can machine joints or fine edges.

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

I would say walnut is very high on my list; I like the color and grain structure.

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

I need to put two items here, a cradle and then the toolbox I just made for my son. The cradle because this is the bed my second grandson slept in when he came home from the hospital. The toolbox because of the challenges and now my son has a really nice piece from my shop.

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

I think this would be my Dewalt Scroll Saw; I bought it from one of the home improvement stores as they were going out of business. It was a real improvement over the two speed one I had, the ability to slow the cutting speed down is required for the marquetry work I want to do.

#### What guild activities have you been involved in?

Early on, I was involved in the toy project, this led to a group in my church starting our own toy project.

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

The show and tell time as it allows me to see what other members of the Guild are doing.

#### What Shop Tip can you give us?

Think things through, whether it is a new or old process; always keep in mind that tools are meant to cut. If you get your body parts in the way it could be you being cut instead of the wood you had planned.



Ball Rack



Bank



Cradle



Desk



Roll Top table



Roll Top table opened

# Show & Tell - Show Pictures



Russ Amos' Pine Wood Derby Car



Rick Hetherington boxes



Frank Layne's Cherry/Maple End Table (and detail) made from bin scraps



Nan Melton and her Cabriole leg.

Brian Kemp's Cabriole



Bill Fitzgibbon's Poplar "Kneeler"

Terry Vandyke's Red Oak Step Stool

The "Master" Dave Kraatz giving his Band Saw demonstration







P.O. Box 413922  
Kansas City, MO. 64141

### Meeting Minutes

**New Members:** Ken Daughenbaugh, Scott Engelmann, Melvin Hudson, Larry Reimer, James Stephan.

### **News:**

The Guild will be building 10 more flag cases for the Sept. 11 victims. We have the volunteers.

Schlagle library is looking for 25 bird houses for a project for kids.

Wood magazine tour will be in October and next Spring.

Cris Kunzle said we raised enough money for the big raffle item and the winner will be selected at the April meeting. You can gut tickets up to the break.

Everyone signed a get well card for member Herb Pearson. Get well soon Herb.

Sponsor Woodcraft, had 10 percent off coupons for members who wanted them.

### **Craftsman Recognition Program**

Wayne Suter talked about the CRP and reported he has ten people signed up so far and brought in packets for them. He will call and tell them when the orientation class will be held. The review panel is going to meet quarterly.

Wayne Suter also told the new members about CRP. That it is set up for us to be better woodworkers. The three levels are Woodworker, Craftsman and Advanced Craftsman.

On the first level of the CRP everyone will be building the same project. An example would be building an end table. Each person would build an end table so we can compare the same joinery techniques, finish, wood selection etc. Not to say that one person cannot build their project out of cherry and the other person out of oak. We will also look at the construction of the piece and overall "how the piece looks".

### **Tool Talk:**

Someone talked about their Jet Air Purification system and says it works great. Someone talked about a circular saw blade they picked up from Sears to break down plywood material before they bring it down to the shop and it worked great for the price he paid for it. Jim Bany talked about a tool kit which is light in weight but can hold a lot of tools in a stacked organized fashion. The bag is made by Beetle Pro and sells for around \$120.

David Roth was looking for a particular kind of shellac. And someone told him about Merit Industries on 10th and state. They sell it for \$10 a pound. David bought some and it works great. And it's a good price. Wayne Wainwright brought a Japanese rasp. It has five band saw blades to shape the wood and he talked about a Nicholson file. The rasp sells for \$39 dollars (japanesewoodworker.com) and the file sells for around \$15 dollars (woodcraft.com). Someone picked up a tenon saw at the Freud booth and it works very well except the handle is uncomfortable.

### **Raffle:**

Russ Amos - air compressor hose, Fred Bartlet - 100 piece mechanical tool set, Mike Jones - three piece pocket knife set, Dan Hurley - clamps, George Dixon - 300 watt light, Kevin Mc Andrew - extension cord, Bill Jilesen - drill bits, John Johnson - hammer

### Calendar

Executive Meetings, 7:30 pm At Fred Chael's home, 4821 State Line Road, KCMO.

Guild meetings, 7:00 p.m., Roanoke Presbyterian Church, 1617 W. 42nd St., To reach us "during the meetings, call: KCMO. (816) 561-8177

### **Executive Meetings**

### **Guild Meetings**

**2004**

January 20th  
February 17th  
March 16th  
April 20th  
May 18th  
June 15th  
July 20th  
August 17th  
September 14th  
October 19th  
November 16th  
December 14th

January 21st  
February 18th  
March 17th  
April 21st  
May 19th  
June 16th  
July 21st  
August 18th  
September 15th  
October 20th  
November 17th  
December 15th

Fred has agreed to lend his home for the monthly board meetings. All members are welcome at any board meeting. A call to Erl Poulin or Jim Bany is all that is necessary.

### Show and Tell:

**Frank Lane** made an End Table out of cherry and maple used from his scrap bin.

**Russ Amos** showed a pine wood derby car. The car was painted and the car was realistic. The challenge was getting the cab right. He also brought in pictures of a kitchen he just completed. Made of stained birch and a deft lacquer finish. The kitchen cabinets have lots of storage. The challenge was the customer.

**Brian Kemp** and **Nan Melton** brought in their cabriole legs made from a 100 year old piece of walnut at Wayne Wainwright's house. Brian's wife wants three more of them.

**Rick Hetherington** brought in a box he made after attending the session at Jim McCord's house.

**Terry Vandyke** Made a step stool from Red Oak. It has a wipe on finish. The points of interest were the plugs on end to cover up the holes from the Kreg Jig.

**Bill Fitzgibbons** had a "kneeler" made of poplar he made from some plans he designed.