



# Wood Words

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

Volume 21 Issue 10

October 05

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

**Don't forget your Survey if you have not done it online!**

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**Video**  
Don Kruse

**Books**  
George Rexroad

**Editor/Web:**  
Wayne Wainwright

## October Raffle: Chris will have his usual assortment of fine tools!

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

**Next Meeting Wed. October 19th, 7 PM**

**Program: Jim Bany - Making Chair backs & Seats**

## Sawdust: The Presidents Corner

*Wayne Wainwright*



I'm sad to say I have to open our newsletter this month with the announcement of the unexpected passing of member Mel Hudson.

Many of you knew Mel - a staunch supporter of the Guild and an all around good guy! Mel had Leukemia for some time and lost his battle with the disease on September 30th.

His family has requested that any donations be made to the Leukemia Society or the American Diabetes Association (see page 4 for specifics).

Mel will be sorely missed by all of us at the Guild. Our best goes to his family.

We progress well on our chair project and sanding and assembly day is fast

approaching. Be prepared as we will call on many of you who volunteered soon.

The Guild has some business to take care of in October. We have paired down our possible moves to 2 locations and a vote is now required. Please come prepared to listen to the options and to give your opinion.

Chuck Slagle is preparing the 2005 2 X 4 contest at our December meeting - you will find the details on page 4. On that note, based on the feedback we got last year, the Xmas party will be a combination of us providing the main course, and you bringing desert/salads etc. More about that next month.

A reminder to everyone that Guild dues in January will now be \$35 for members, \$25 for seniors and the new category of Associate will be introduced at \$50 per year for those who are interested.

More details will be forthcoming over the next few months.

As part of our new lead-

PLEASE PATRONIZE OUR SPONSORING MEMBERS



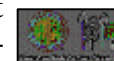
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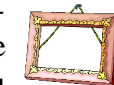
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**Ozark Lumber**  
479 253-5994

ership development program, we have begun the search for new leaders in 2006. Several potential candidates have been identified. If you have an interest or know of someone who would be interested in a leadership position, please contact Paul Twenter who is heading the committee.

We are committed to ensuring the continuation of leadership and the associated ideas of the Guild and are working on a long-term plan to cover the next 10 years of growth and leadership.

My term as President will come to an end next year. The leadership and great ideas for the Guild will not. The next few years will be about solidifying what we have accomplished so far and then expanding in new directions.

The current leadership team is taking on a lot of responsibility to keep us going in the right direction and they will need your assistance in 2006.

Who would have thought 2 years ago, that we would have the opportunity to do a commercial project that would fundamentally change our revenue stream and hence our ability to impact the community? Certainly not me, but it has happened because of the dedication of a handful of people, but also because as the great members of this organization, we have pulled together as a team.

The future of the Kansas City Woodworkers Guild is bright and you can proudly say that you have been a part of it.

Next month, I will give a status update on our accomplishments. As you may remember, when I began in 2004, I listed a number of goals for 2004 and 2005. Some we accomplished, some we did not. There are a number of accomplishments that were not on the original list, but one thing is certain, we are a lot further ahead today than we were 2 years ago and that is a trend that MUST continue.

Now is the time for you to consider your candi-

dacy for leadership in the Guild, to help lead this great organization into 2006 and beyond.

**Special Note:** Ozark Lumber is offering discounted lumber to the membership. We will have a flyer at the next meeting so you can get a sense of what they have to offer and the prices of their lumber. These prices will be for lots of at least 500 bf so we will want to make bulk purchases through the Guild.

We will have more info at the October meeting on how that will work going forward.

See you on the 19th!

## Program: Dave Kraatz - Legs & Bolsters

David Roth

Dave Kraatz and Bill Evans gave our monthly demonstration on building the legs and Bolsters for our chair project.

Dave first mentioned the jig process for building the chairs and is going to show us the technique we are using to build 60 chairs; building 60 chairs is a lot different then building 2 or 4 chairs.

Dave Kraatz opened by saying thanks to the design team, Chris Kunzle, Jim Bany, Wayne Wainwright and himself.

The tapered and faceted leg fits into a bolster on the bottom of the chair and the tenon fits in and "hides" in the counter bore of the bolster. The bolster is screwed onto the chair but the leg actually tilts two ways - forwards and backwards. This is handled by drilling an angled hole into the Bolster. Also every bolster has a set of screw pilot holes in it to fasten it to the chair correctly on the bottom of the seat

Dave, who may be our most knowledgeable woodworker, said that he got an education on this project by working with the design team on building this type of chair.

Dave started out on the legs.

The legs started some interesting problems. How do you make these legs with the type of woodworking equipment in our shops and how do you make sure the tenons are all the same size? You need to pick up any bolster and the tenon will fit. The front bolster is at 12 degrees and the back bolster is at 14 degrees. So there are two sets of jigs.

How do you make an 8-sided leg? You start with a tree and there is a classic break down sequence that we have to learn in wood-

working. You start with lumber and you break it down into reasonable sizes to work with.

The leg is a 2 by 2 by 18 inch billet of hard maple. And Ken Sokol did a great job to get this lumber to a consistent thickness. The first operation is to center mark both ends of the wood because you are turning these on a lathe. Then he center drills it with a number 3 center drill. Then you go over to the bandsaw and cut the corners off.

The reason for this is the shock on your lathe tool is a lot less if you take the corners off first before you attempt to make your tenon. Dave passed one of the turned tenoned legs so we could see it. He also showed us a picture of his scmi mini max d124 lathe it is made in Italy and is a duplicating spindle-turning lathe.

Dave showed us the tapering jig and took one of the leg blanks that was already center drilled and placed it on the jig. He locked it down with a wing nut so it would not turn. Now how do you get it 8 sided with your table saw?

A regular even Polygon on the opposite shoulder intersects at 90 degrees. You use a 90-degree v block jig and you drop the leg into the jig and make your shoulder cut on the table saw.

Turn the wood blank face down and saw that one and turn it and saw the other one. James Childress has already used this jig and has cut approximately 50 legs so far. Dave strongly suggests; if you make a jig like this make sure this type of jig fits in the miter slot on your table saw.

Dave also said to wear hearing protection when running a table saw to protect your hearing and of course to also use safety glasses.

Dave started the cut on the table saw; as the leg was being passed around you could see the cut and the direction of the taper. Dave also volunteered to do a jig making class at woodcraft some day with our guild members.

There is a front and a back bolster. The back is at 14 degrees and the front is at 12 degrees. It angles two ways. Where did the word bolster come from for our chair project. Underneath the sill of a boxcar that the wheels attach to, is called a bolster. So Dave thought this is underneath the sill of a chair were the legs are attached, so we call it a bolster. In the dictionary a bolster is: A cross beam that is simply attached to.

The first thing Dave did for the bolster is to make a pattern. Then he marks every detail and angles of the chair on that pattern and that is his master pattern.

When making a pattern, you save the piece you cut off (the angled piece of wood that you just cut) and you put it on the bottom of the piece you just cut and now you have the proper angle that you need for your jig.

The jig has a line in the center and has a rail that it runs against. You set the jig on the drill press right in the center of the Forstner bit. Then you slide the jig over right on the mark and clamp it to your drill press table. By doing this, it stops the travel of the jig and won't go past the mark. Then he does the same thing on the other side of the pattern. Now that you have your stops set up, you can drill two blocks at one time.

You want to drill your counter bores on the outside hole first, then you can switch sides. Then drill the counter bores in the other piece. Now you have your two bolsters. It a double-sided index bolster drilling jig.

Bill Evans came up to demonstrate and explain the process. You cut it to length on the table saw and cut the taper of the base on the band saw. Bill had to figure out how far to drill the hole in the bolsters. He said he knows the angles are right and when you are drilling the hole, make sure the Forstner bit is running slow and that the jig is double clamped down tight because there is a lot of torque when you are drilling the hole.

It is that simple and you can make a lot of Bolsters in a short time.

**Thanks Dave and Bill on a great demonstration!**

### Special Member Benefit from



15% off any purchase. Use code: 1K391.  
Expires 12/31/05

### Special Member Benefit from:

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Read more about our newest Sponsor on our web site or visit them at: [www.PlansNOW.com](http://www.PlansNOW.com)

## 2005 2 X 4 Contest

The item made can be anything the craftsperson wants it to be.

?? The item should be made out of any species of wood that the craftsperson wants to use.

?? The 2 X 4 used should equate to a measurement of 11/2" X 31/2" X 96".

?? The voting for the contest will be conducted at the December general "Guild" meeting.

?? Each person attending the December meeting will be given one marble and after the presentation of the projects by their craftsperson. Throughout the evening, each person will cast one vote by placing their marble in the receptacle by their favorite item.

?? A designated member of the guild will count the marbles and the winner, 2<sup>nd</sup> place, and 3<sup>rd</sup> place contestants will be announced at the end of the evening.

The decision of the Judge is final.

### **Prizes are as follows:**

1<sup>st</sup> Prize - \$100.00

2<sup>nd</sup> Prize - \$ 50.00

3<sup>rd</sup> Prize - \$ 25.00

## For Sale

### **Performax Sander**

Interested in a Performax 16-32 drum sander? It comes with the stand & casters, and the infeed and outfeed tables. It's about one year old \$400

Wayne Suter

day phone 816-635-5792  
eves before 9pm 816-628-4602

## Special Notice of Member Loss

**Melvin J. Hudson** died Friday September 30, 2005 in Kansas City at age 64 at University of Kansas Medical Center of complications associated with Acute Myelogenous Leukemia. "He faced his illness with his extraordinary sense of humor and courage," said his fiancée, Sandy Williamson.

Melvin John Hudson was born in Youngstown, Ohio to Melvin Jonathan and Eva Mary Hudson. He graduated from Canfield High, Class of '59, then served proudly in the U.S. Navy for three years. He married Sally Mazzilli, originally from Niles, Ohio, in 1965, and divorced after 25 years of marriage.

Mel was an estate planner who was passionate about woodworking, fishing, oil painting, and jazz. He was active in Kansas City Woodworkers Guild and Kansas City Jazz Ambassadors.

He is survived by his daughters Julie and Dawn who live in Washington, DC, his mother Eva and sister and brother-in-law Suzanne and Bernard Pupino who live in DeKalb, IL, and his fiancée Sandy Williamson of Kansas City. He will be sadly missed by his best friend of 52 years, Gregg Waller, of Youngstown, Ohio. Mel knew no strangers and will be missed by many friends as he was generous of heart and spirit.

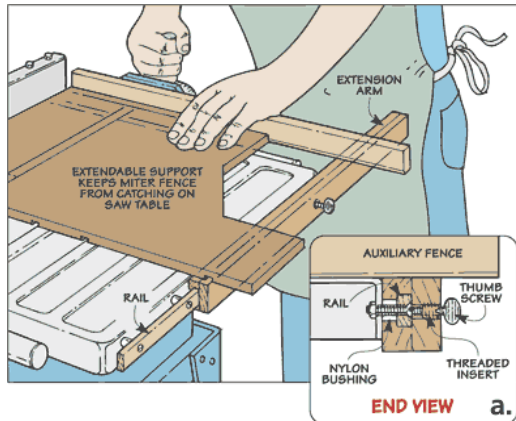
In lieu of flowers, donations can be made to the Leukemia Lymphoma Society or the American Diabetes Association. [ <http://www.leukemia-lymphoma.org> <http://www.diabetes.org> ]

The family would like to thank the hematology staff at KU Medical Center for their care and support during his illness.

## Shop Tip

### Auxiliary Fence Support

There are many times when I need to attach a long auxiliary fence to the miter gauge on my table saw for extra support. But the weight of



the auxiliary fence causes the miter gauge to tilt and catch on the corner of the saw table. Besides being annoying, it can cause an uneven cut. To get around this problem, I added an extension arm to the edge of the table. As you can see in the drawing, it's nothing more than a hardwood guide that supports the miter gauge fence and keeps it from tipping when it's unsupported by the saw table.

To make one, begin by making a T-slot from three pieces of hardwood, as in detail 'a.' Next cut a thin strip of wood to fit inside the slot and act as a rail for the extension arm.

I attached the rail to the edge of the saw table with machine screws and nylon bushings. What you're looking for is to have the extension arm flush with the table. And to get a smooth, sliding action, you can rub some wax on the rail.

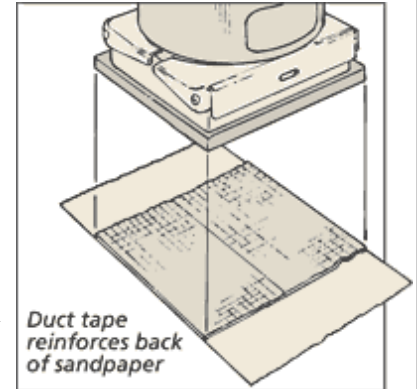
Finally to keep the arm from being pushed along by the weight of the auxiliary miter fence, I installed a threaded insert in the arm and then a thumb screw to lock it in place.

### Reinforcing Sandpaper

I've found that the backing on fine sandpaper, 220-grit and up, can be pretty flimsy and tears easily. This becomes a big problem when I use it on my fin-

ish sander.

Fortunately, there's a simple solution. I now employ the handyman's best friend, duct tape, to reinforce the sandpaper before installing it on the sander. As you can see in the drawing at right, all it takes is a couple strips applied to the back of the sandpaper to make it virtually tear-proof. It might seem like an odd fix, but it works well. You can save a little money on sandpaper and avoid some frustration.



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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

### Trent Glamann



What is your specialty in woodworking?

I really don't have one. I'm still pretty novice.

How many years have you been woodworking?

3 years

What is your favorite hand tool and why?

Sanding block given to me by a great friend.

What is your favorite power tool and why?

My router because of its versatility.

What is your favorite wood to use and why?

Most of my projects have been oak, but I am planning a bedroom set out of cherry. I don't think I have developed a favorite yet.

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

I built 2 medicine cabinets for a friend. It was my first adventure with raised panel doors. I was real proud of the way they turned out. I also really enjoyed the bookshelf/computer desk project Wayne Suter and I took on.

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

My Delta 36-255L Miter Saw. After rebates, gift certificate, and sale price I spent just over \$200. What guild activities have you been involved in, how many times/or how long?

I am in the CRP, but most of you will recognize me as the video guy at the meetings.

What has been your favorite guild activity?

I really enjoyed the shop tours. It helps us that are new to woodworking take great ideas from the more experienced woodworkers back to our shop.

What Shop Tip can you give us?

Always use a push stick.

**Thanks for allowing us to feature you this month.**



built-in computer desk



Craft Desk



CRP Project

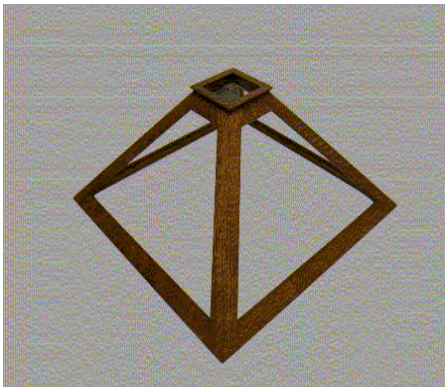


medicine cabinet



medicine cabinet

### Show & Tell - Show Pictures



**Mac Dressler** White oak lampshade



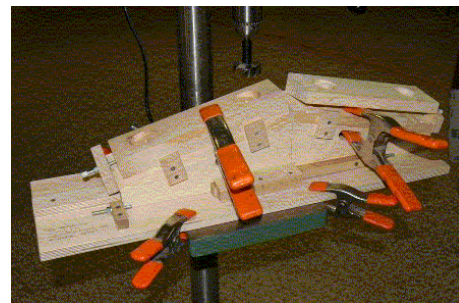
**Fritz Krieger** Oak and cherry Lecture



**David Roth:** KU Plaque



**Kevin McAndrew:** Oak CRP table



**Dave & Bill:** Demonstrating Bolsters for chair project



**Frank Layne:** Sideboard



**Anthony Harris:** Spherical boxes



**Erl Poulin:** Luauan pedestals



**Erl Poulin:** Piano Grate



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

### Meeting Minutes

New Members / Visitors: Len Della-Morieta, Joyce Pigago, Dwayne Ginger, Preston Mitchell

#### News:

Jim Bany talked a little bit about the process of gluing up the lumber and Jim now has a new 8-inch Jointer to join the wood together for our chair project.

Wayne Suter mentioned if anyone has something for the craftsmen recognition program. See him during the break.

Chris Kunzle is looking for someone to volunteer to take his place in finding items for our tool raffle. Chris says it is just a job were you look for good bargains on tools that we can raffle off at the guild meetings. If anyone is interested please contact Chris Kunzle.

Bob Ladue asked our opinion on what guest speaker we would like to have for our yearly seminar. "Finishing? "Shaker style furniture"?"

#### Name Tag Raffle

Frank Hoog - Spindle sander, Mac Dressler - Drill bits, James Childress - drill bits, Ed Bergstedt - Screw driver set, Jim Bany - clamp, Vince Petrillo - extension clamp

#### Toy Raffle

Walt Caplinger - Router bits, Russ Amos - cordless drill set and a wooden screwdriver and level set, Aaron Menning - set of Marple chisels, Wayne Wainwright - Forstner bits and Irwin saw, Pete Coleman - Microplane sander, Russ Amos - screwdriver and level set, Trent Glammann - Set of large clamps, Robert Williams - Line leveler finder, Ken Sokol - Small set of clamps, Kevin Thomas - A set of hand clamps

### Show and Tell:

**Kevin McAndrew** Brought in his Craftsmen's Recognition Hall Table in it is made from oak and has a General Stain Finish. The points of interest are that it is square and level. The Challenge was it was his first big project finishing.

**Fritz Krieger** made a lecture from oak and cherry. The finish is acrylic. The point of interest is the unusual joinery, and the challenges were aligning the joints.

**Erl Poulin** made a display pedestals made from luauan plywood. It has a black enamel finish. A point of interest is the well-painting job.

**Erl** also made a Piano Grate made from red oak, it has a hand rub finish. The point of interest is it supports a 700-pound piano.

### Calendar

Executive Meetings, 7:00pm Kansas City Public Library 1410 W 10th St. KC MO 64105

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

#### Executive Meetings

#### Guild Meetings

2006

January 4th  
February 1st  
March 1st  
April 5th  
May 3rd  
June 1st  
July 5th

January 4th  
February 15th  
March 15th  
April 19th  
May 17th  
June 15th  
July 19th

2005

August 10th  
September 14th  
October 12th  
November 9th  
December 14th

August 17th  
September 21st  
October 19th  
November 16th  
December 21st

All members are welcome at any board meeting. A call to one of the Officers is all that is necessary.

**David Roth** brought in a KU Plaque Intarsia Style that his friend Paul Jablonski made.

**Anthony Harris** brought in 6 spherical boxes, made from cocobolo, South Africa boxwood, Lao boxwood, African black wood, and Macassar Ebony. All these items have a carnauba wax finish. The challenges were making true spheres.

**Anthony** also brought in 6 stands made from African Blackwood Lao boxwood, Tagua, and Mammoth Ivory. These also have a Carnauba wax finish.

And the points of interest were minimizing waste of expensive materials, and the challenges were turning thin.

**Mac Dressler** made a lampshade made from qtr. sawn white oak. It has a shellac and wax finish. The challenges were determining angles of corners.