

Woodworker's Club Meeting
Wednesday, June 19th @ 6:30 PM
Woodworker's Shop, East Manito Rd., Pekin

June 19th Program: Paul Cobb – Turning A Segmented Stave Bowl. Paul will walk us through the process he uses to set up and turn a segmented stave bowl like the Navajo seed bowl shown on the last page of this newsletter.

May 15th Meeting Notes: For a change, the weather was fine...no thunderstorms, no power outages. Some 40+ woodworkers gathered at the Woodworker's Shop to explore what is always an interesting topic for woodworkers...**Shop Built Jigs & Fixtures.**

Business Meeting: Treasurer, Norm Bartlett reported that the club treasury balance shown on the 05/11/13 CEFCU statement of \$1,126.92 reconciles with that of his record and that there are no major bills outstanding.

Woodworker's Shop Gift Cards: Two \$35 Woodworker's Shop Gift Cards were awarded to make up for the drawing missed when the power outage darkened our April 17th meeting. Carl Palow was the lucky winner of the April 17th Gift Card. Jim Clark won the May 15th card. Gene Lair was the lucky winner of the May 15th evening's 50-50 drawing.

Library: In an earlier meeting, Mark Padesky proposed we add the **Greene & Greene: Design Elements for the Workshop** book to our reference library. He procured a copy and it will be labeled, added to our website listing and made available for member checkout at the June meeting.

Fine Woodworking Magazines: Our friend and longtime club member, Bill Schultz, has donated his entire collection of **Fine Woodworking** magazines to our library. It spans the 1st publication, No.1, (1975) to nearly the current issue. We will have to expand our library cabinet to make room for the collection but, that can be done.

Program Notes: The focus of the May 15th program was **Shop Built Jigs & Fixtures**. In a more formal media, there is usually a clear distinction between what is a "jig" and/or a "fixture." But, here, what's the differences? But most will agree that a woodworker's motivation to make a jig/fixture might be his desire to improve safety, to improve accuracy or to reduce cost...or then, maybe it's just that he has that "itch" that comes from feeling like there just has to be a "better way" or, at least "another way," to do most anything.

Peoria Area Woodworker's Club Newsletter

2013-06 June

A.J. Gatzmeyer: A.J. makes a lot of jigs/fixtures. He brought five to the meeting. In the 1st photo A.J. is holding a band saw re-saw guide (right hand) and a door spring activated feather board for a table saw (left hand).

The resaw guide eliminates the need to follow a line through repetitive cuts. The “sprung feather board” pushes against the surface away/left of the blade/fence. The spring lets the feather board “kick out” to push past an “outcropping” in the board then spring back as the board moves on past the obstacle.

Center picture ... a band saw fixture to square an end cut.

Right picture ... top... band saw radius cutting guide, a view of A.J.'s “sprung feather board” and a side view of one of his “height adjusters.” The “adjusters” work like a scissor jack. Slip a couple under a drawing board or a carving, for example, and it's height or slant can adjust up or down.

Barely shown but in there, A.J.'s “Weber Knobs.” His hardware man gave him a handful of “Weber Knobs” left over from their grill assembly kits. His point....stay vigilant, fixture parts can be anywhere.



Carl Paylow: Carl turned a yardstick into an effective stool leg length gauge. I didn't get to see how he uses it but it would be a safe bet that all legs on any stool Carl makes do hit the floor at the same time.



Peoria Area Woodworker's Club Newsletter

2013-06 June

John Freimuth: John completed the whirligig he started earlier. The critical “jig” set the spacing and the angle for the blades resulting in a smooth working mechanism.



Gene Lair: Gene crafted this corner shelf using the original as pattern/jig. The angles had to follow the wall not the pattern shelf.



Charlie Blough: Charlie's “not so woody” dial indicator mounted on a bar sits in the miter slot on a table saw to check saw blade/fence alignment.



Peoria Area Woodworker's Club Newsletter

2013-06 June

Russ Marie: If we had one, Russ may have gotten the “participation award.” Notice that he crafts about everything less a threaded rod/bolt here and there, i.e., knobs, handles, hold-downs. More handy jigs.



Jig to accurately machine a new router base plate.

Russ displayed his version of a Lonnie Bird's Ogee Foot Band Saw jig

There was a bench hook in the pile somewhere.

Jig to machine extra-long bed rail tendons.

There were four sled of different sizes to safely and accurately cut out crown molding inside & outside corner backing blocks.



By far Russ's most complex fixture applied to cutting the rails and stiles for the cabinet doors like the one he is holding.

Tip *Leave a work piece properly positioned in the jig/fixture as a reference.*



Peoria Area Woodworker's Club Newsletter

2013-06 June

John Clark: John built strong on/off magnets into a featherboard attachment for his tablesaw that operates independent of the miter slot. It works anywhere.



John's second jig makes it easy to accurately replicate ripping out a number of thin strips on a tablesaw/bandsaw. It rides in the miter slot and a moveable indicator locks into position to measure over to the offcut strip or the fence.



Both of these jigs/fixtures are simple, straightforward and effective.

Louis & Roger Knief: Louis and Roger worked together to build an indexing system for Roger's camera that made it possible to photograph a panamoric view. Then, Roger needed a case. Hence the metalworkers turned to woodworking.



The case is made of ½ " baltic birch and, like other cases Louis has been involved with, there is a place for everything and everything fits in it's place. It has a detachable top and a latch type lock. It appears to have been a worthy outcome for some invaluable shop time together.

Peoria Area Woodworker's Club Newsletter

2013-06 June

Tim Hickman: Tim, now a “toymaker,” has made jigs and fixtures a critical part of his craft. Toy making can involve making numerous repetitive cuts on small or irregularly shaped pieces. It can be tedious, time consuming and often a bit dangerous. Fixtures like the ones shown below do minimize those negative factors.



In the 1st frame, Tim is holding a fixture he made to hold small triangles that are part of his counting toy. The 2nd is jig is for making accurate and safe multiple cut lengths of dowel. The 3rd frame shows a jig he uses to drill holes in wooden balls. Not an easy/safe task without a holding fixture like the one he has developed.

Tim has numerous other specialized jigs and fixtures hanging here and there in his shop like we all do. **His tip .. “labels.”** Label the jigs so later you, or someone else, will know what they were intended for.

Mark Padesky: In the 1st frame, Mark shows how he adapted “on/off magnets” to attach a re-saw fixture to his band saw table. Simple and effective.

In the 2nd frame, Mark is showing a tongue & groove rail & stile jig/fixture he built and brought to Show & Tell a couple of meetings ago. It looked even better the second time.

In the 3rd frame, he is showing one of a pair of “saddle cabinets” he built for his router bit collection. Impressive.



Peoria Area Woodworker's Club Newsletter

2013-06 June

Paul Cobb: In the final minutes of the meeting, Paul gave us a prelude to what we will see at the June 19th meeting.

In the 1st frame, Paul is holding what I believe he called a “Segmented Stave Turned Navajo Seed Bowl” he turned this past Winter in Arizona. I probably have that terminology wrong but next month, at the June 19th meeting, he will walk us through the process he uses to produce the dramatic results you see below. In the 2nd frame, Paul is holding a lacewood bowl he turned from wood he “borrowed” from Russ Marie a couple/three years ago. He returned it to Russ in the form of the beautiful bowl he is holding. What a guy!



If you have questions about this Newsletter, please call/email me, Dave Lawson @ 309-685-9899 or cell @ 660-785-0899. Email is davelawson43@gmail.com.

Peoria Area Woodworker's Club Contact Information:

President – Mark Padesky markpadesky@comcast.net
Vice President – Matt Wiegand Wiegand4@mtco.com
Secretary / Newsletter -Dave Lawson davelawson43@gmail.com
Treasurer – Norm Bartlett lennorm12@juno.com
Librarian - Bill Wiese bwiese@telstar-online.net
Refreshment Committee: Ron Swords and Dale Elliott
Official Website: <http://www.peoriawoodworkers.org>