



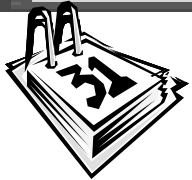
# CAPITAL AREA WOODWORKERS

## WOODSHOP ADVISOR



Volume 24 Issue 4

April, 2011



### Upcoming Meetings

#### April 4, 2011 Meeting

**Social Time 5:15 to 6:30**

**Meeting starts promptly at 6:30**

**MCL Cafeteria**

**2151 Wabash Ave, Springfield**

#### Program

**Jigs and Fixtures**

**Presented by Chuck Frank, Mike**

**McGrath and Jim Neuses**

**Everyone is asked to bring their favorite  
jig/fixture to share**

#### Open Shop

**To be Determined**

### CAW Officers 2011

<b>President</b>	Ron McDonald	498-8885
<b>President Elect</b>	Jim and Diana Copper	364-5108
<b>Past President</b>	Roland Folse	529-2940
<b>Treasurer</b>	Jim Roles	487-7173
<b>Editor</b>	Dick Metcalf	498-7354
<b>email</b>	Caw.woodworker @sbcglobal.net	
<b>Web Master:</b>	Chuck Frank	787-5145
<b>Video Librarian:</b>	Frank Tureskis	483-3669



### March Meeting Notes

By Dick Metcalf

Roland Folse called the meeting to order at 6:30. He was substituting for Ron McDonald and Jim Copper who were both out of town.

Announcements:

- Frank Tureskis reported that new Marc Adams videos were purchased and available for check out. The ones on Marquetry and Safety were recommended as "must see."
- If you haven't paid your dues please do so ASAP.
- Roland summarized the club's participation in the woodworking show at Collinsville. A majority of the CAW members were there and many spent long hours helping at the booth which, for a first year effort, was said to be exceptional. Many people were attracted by our new banner to stop and look and we may get some new members because of this. The banner was evidence that an active woodworking club existed in Central Illinois. We probably should have a signup sheet or a brochure giving details of our club activities next year as well as copies of a recent newsletter. Also, If members want to sell some of there projects next year, they may put a price tag on them. The person in charge said our members should have entered into the contests for best projects. Roland said our effort was a success, he welcomes any further comments anyone may have later, and we should start preparation sooner for next year's show.

## The February Presentation by Walter Black.

Walter told us that a good reference book for blacksmithing or tool making is The complete Modern Blacksmith. Blacksmithing can be done with any number of different pieces of steel that you can temper and heat treat. You can find junk to do this, but if you need something better there is drill rod. You can get it from ENCO or KBC tools. There is a store in the St. Louis area.

With minimum knowledge of blacksmithing, you can make a tap by taking a bolt of a selected size, grinding the end of it into a taper, and then drilling a hole in the center of the bolt shaft and another at the first thread. Next, with the use of a Dremmel tool with a cutting wheel you cut 3 equally spaced slots down the shaft of the bolt. By doing this, you will have made a wood tap at a cost less than buying it at the hardware store.

Walter showed us pictures of his propane tank with regulator purchased at Big R. Then, Walter showed us his refractory where a leaf spring was heated to a cherry-red temperature and taken out and put into the ashes so it could anneal and take the curvature out of the spring. Then he clamped it into a vise so the steel could be cut out and shaped into a lathe parting tool. The tool had to be reheated to a yellow color and cooled by quenching it in motor oil. Then the tool was polished and reheated with map gas and quenched again to achieve the correct hardening.

Walter continued his presentation by

*(Continued on page 3)*



**Walter Black  
(Smith) , Tool  
Maker**



*(Continued from page 2)*

highlighting items which can be made by almost anyone having a basic understanding of the blacksmithing processes. A lot of money can be saved compared to purchasing these items in a commercial store.

The next item Walter discussed was the making of a scraper.

*At this point I'm going to deviate from the standard minutes because this subject is very technical, well known to only a few members, and I'm not able to provide you with a good summary of what was actually said. Walter has opened a window of opportunity for most members to learn about a new and interesting subject. There's a lot to learn and it must be done with safety as a top priority. The chance of someone getting burned or starting a fire is higher than with most woodworking experiences.*

*About 6 years ago this club had a Special interest Group led by Bob Linksvayer. We had demonstrations of Blacksmithing in Bob's back yard. A few of the members then went on to get some training with the Illinois Valley Blacksmith Association and/or other groups. I have a copy of a Beginning Training Manual published by the Illinois Valley Blacksmith Association and will loan upon request .....Dick*

## Show and Tell

Roland showed us a coffee table he built with the table top having book-matched crotch mahogany veneer obtained at the Collinsville show. The top also had banding obtained from Roland's son. The rest of the table was built with hard maple.



Roland also showed us a decorative free form wood carving.



Chuck Frank was recognized for his rehab of the name tag case. Thanks chuck

## Final Words by CAW Officers:

Be sure to bring something to show and tell even if it is only a Jig