



# CAPITAL AREA WOODWORKERS

## WOODSHOP ADVISOR



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### Upcoming Meetings

**December 1 , 2010 Meeting**  
**MCL Cafeteria**  
**2151 Wabash Ave, Springfield**

**Social Time 5:30 to 6:15**  
**Dinner starts promptly at 6:30**  
**Entertainment starts promptly at 7:00,**  
**Featuring Steve Scaife &**  
**A Demonstration of Bag Pipes**

*Each member should bring a gift for our spouses. It can be something you made or something purchased. These gifts need not be expensive and will be given out in a drawing. In addition, because we have so many in need in our community, we would like to give something to those less fortunate. Therefore, each member is encouraged, to bring a gift of non-perishable food to be given to one of the major charitable organizations to be selected later. Canned goods such as soups, meats, beans, peanut butter, fruits (apple sauce, peaches, pears) are in great demand.*



### November Meeting Notes

Roland called the meeting to order at 6:30.  
Announcements:

- If anyone wants to earn some extra money, they should contact Todd Scanlon of Woodhaven Woodworks. Part time work is available at his cabinet shop.
- Tonight we need to elect our officers for 2011. The results are:
  - President : Ron McDonald
  - President Elect: Jim & Diana Copper
  - Treasurer: Jim Roles
  - Editor: Dick Metcalf
  - Web Master: Chuck Frank
  - Video Librarian: Frank Tureskis
- Our annual Christmas party will be held on Dec 1 and we are hoping for a big turnout. Last year's party was not greatly attended and we are at a loss as to why. Those who have been in the club the longest have enjoyed socializing with our spouses —at the picnic, Christmas meeting and woodworking vacation trips. We will post more information..
- The CAW Officers remind everyone that Marc Adams will visit us on Jan 8, 2011, for a special event and make presentations on two subjects. You won't want to miss this event to be held at the Copper's shop.
- Bob Lenz is looking for examples of tools used by the "old timers" to show and explain to Boy Scouts. Call Bob if you can help..

**Roland gave the first part of the scheduled presentation** beginning by telling us a little about the projects he brought to the meeting and the fundamentals of wood bending. The first to be discussed was the bow front chest. Bendable plywood was used in the bow front. It was placed on a wooden form constructed to the exact curvature of the front. The form was for both doors and strong enough to stand the pressure of a vacuum press. Roland used 3/8" thick plywood (from Bailey's) and placed sheets of veneer in between the bendable plywood, with the grain running perpendicular to the direction the plywood is being bent. After gluing all that down, he ran the basic door through the veneering press. Then, when the form was set he pulled it from the press and applied African Mosembeque veneer to the front and Walnut veneer to the back and put the doors back into the press to complete the pressing. Titebond 3 glue was used in both cases. The remaining steps to complete the project are not discussed.

The next project Roland discussed was his coffee table having two heights & constructed with bendable plywood. Three sheets of plywood were used to make a 1&1/8" thick top. After placing sheets of veneer, with grain running perpendicular to the plywood, he glued and placed the top on a wooden form. Next, he placed the form into the vacuum press until the glue was set. Then, he removed the form and placed the final veneer surface on both top and bottom of the plywood.

The next project Roland discussed was the end table. The only bending on this table was bent lamination at the ends of the horizontal pieces below the top. To do this, Roland cut wedges about 8" long and glued them into the ends of the horizontal pieces, much like Jeff Miller did at our special event.

To sum things up, Roland said the principle would be that anytime you wanted to bend wood there were options (other than steam



**Bow front chest**



**Coffee table**



**End table**

(Continued from left column)

Bending). Bent lamination is the easiest method to use. However, when you have wood being bent over a form, the use of a veneer press is easy.

**The second half of the presentation was given by Mike Cortelyou.** Mike said he hadn't done any woodwork recently and hoped we would remember the projects he would talk about. He brought with him a chair made from white oak made in 2004. It was one of a total of 8 chairs but he had to change the design after his client wanted him to eliminate a stretcher; thus he built 8 more. Both the top and lower back rail were constructed using bent lamination procedures. Mike commented about the ray flake in the white oak: because it is often fragile and will chip out, he used 1/8" closed cell foam that he put up against the form when he glued them together. He checked on the wood recently and it has held together well showing no movement. The second item he brought with him was pictures of a pedestal table he built in 2005. Both end pedestals were built around a curved torsion box upon which was placed a door skin. Later, using a vacuum press, birds eye maple veneer was glued to the door skin. Mike said, he had to redo the pedestal leg because the vacuum pressure was too high and caused a wave in the outer skin. The table span was more than eight foot long. The top was 1&1/8" thick with a 3" skirt hiding heavy duty extension slides. The third item shown was a jewelry box. When Mike's wife asked him—in 2004—to construct this, he was not familiar with the techniques Roland discussed in the first half of the program. So, Mike used the same techniques he used in the construction of the cedar strip canoe built some 15 years ago. First he made a form having the appropriate curvature and then applied to it a three ply veneer working from the center and moving outward.



**White oak chair**



**Pedestal table**



**Jewelry box**

## **Show and Tell**

**Ray Brown** Showed us Pens he recently turned on his lathe. They were all made from gun casings and were very colorful and popular with Ray's friends.

**Jim Roles** showed pictures taken at a popular Hotel in Sorrento, Italy, where he and his wife recently vacationed. The pictures were from a hotel dining room lined with 5x8 panels of the art work. Sorrento is a city known for its high quality of inlayed woodworking .

## **Club Web Site**

The address is: <http://www.cawspi.org/>. You will find meeting notes, the monthly portrait, and pictures of show-and-tell items, as well as meeting and open shop schedules.

The **WOODSHOP ADVISOR** is a monthly publication of the Capital Area Woodworkers Club. Its sole purpose is to keep members of the club aware of the club activities, special events and new developments in the field. The Advisor is the right of paid membership. Dues of the club are \$20/year if you receive the Advisor via e-mail and \$25/year for the Advisor sent by mail to your address.