

# THE SAWDUST

NEWSLETTER OF THE CHARLOTTE WOODWORKERS ASSOCIATION, INC.

Volume 18, Issue 5

May 2011

## Newsletter

If anyone would like to contribute articles, information or provide suggestions for the newsletter, please send them to me. We need to make this a group effort.

Thanks also to Peter Stoffel, who assists with note taking at the meetings and to Tony Profera for the photos he provided : - much appreciated.

Roger Callahan ([roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net)) - Secretary

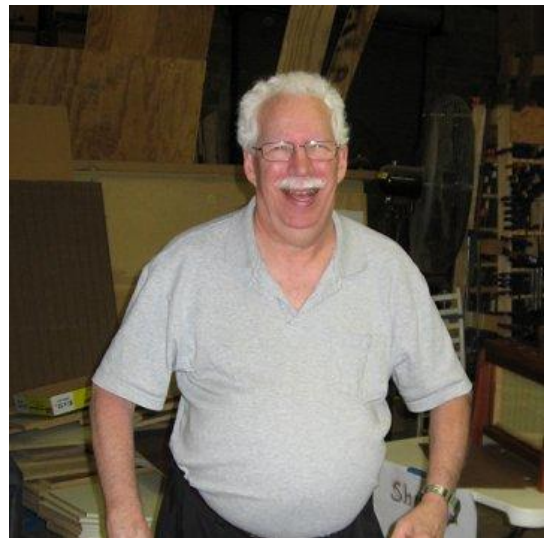


## Clock Making Workshop Project



## Wood Shop Design in 16,732½ Steps

Bill Golden gave an informative and entertaining presentation on woodworking shop design.



His presentation reviewed the 'basic stuff'; shelving, access, lighting, power, efficiency, dust collection, noise control and comfort.

- Access
  - Small projects or big doors
- Light
  - Fluorescent – the choice for most shops
  - 5500 Kelvin is daylight temperature!
  - Sunlight – The best light. Try to get it if you can.
- Power
  - Don't overload! You can burn your shop down.
  - If you aren't certain how to run it, get a professional!
- Efficiency
  - Shop layout in relation to work flow
  - Saves show leather
  - Areas:
    - o Prepare wood
    - o Machine the wood
    - o Sanding & finishing
    - o Perhaps a separate spot for small tools

*(cont'd on page 4 )*

## CALENDAR OF EVENTS

**June 4: Hands on Finishing Workshop**, with Gregory Paolini: 9:00am – 4:30pm, The Woodworking Source – Mooresville, NC. For more information and to register see:

<http://www.thewoodworkingsource.com/>

**June 21: CHARLOTTE WOODWORKERS ASSOCIATION, INC. MEETING** - 6:30pm

Program: Bob Molby: Dust Collection

**Note**: Bring 'show and tell' - recent projects, items, etc. to share with members prior to the meeting. (Meet & Greet, and social begins at 5:30 pm.)

**July 19: CHARLOTTE WOODWORKERS ASSOCIATION, INC. MEETING** - 6:30pm

Will be a discussion on various new Freud Router Bits and Blades items available.

**August 16: CHARLOTTE WOODWORKERS ASSOCIATION, INC. MEETING** - 6:30pm .

Dave Powles will discuss the Easy Wood Tools, lathe tools to make it easier for woodworkers to use their lathes.

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**WOODCRAFT STORE IN CHARLOTTE UPCOMING CLASSES** - See: Woodcraft of Charlotte Website at:

<http://www.woodcraft.com/stores/store.aspx?id=507&page=classes>



### Treasurer's Report: as of 4/30/11

Opening balance	2677.35
Deposits	368.00
Checks	237.45
Closing balance	2807.90



## Mike Smith's May Meeting Kickoff and Other Items from the Woodpile

- Mike welcomed three new members, Randy Hock, Robert Andrews and Bob Slaughter. Membership is currently at 61. Bring friends and colleagues to our meetings as a guest and possibly they will become members.
- Club shirts are available from John Seaman and wood name tags are available for \$6.00, see Jeff Dieker.
- Two projects are underway; one by Fred Miller is a clock making project and another is a case making project lead by Bruce Boquist.
- A floating top table project by Greg Smith is in planning. Look for more details in the future.
- Members are encouraged to join the CWA Google Group. See page 5 for details about joining. Members use this group to seek and share information from other members.
- Mike is looking for some volunteers to make a display cart that can be rolled out at meetings to organize and show the various CWA DVDs, books, and magazines available through our lending library.
- Each Monday night woodworking and assistance is done for JPM and members at JPM. Everyone is invited. Starts about 5:30pm and ends about 8:00pm. (Last week about 15 members were there.)
- In addition to the upcoming CWA monthly programs shown in the calendar section, plans are in place for demos and discussions of small shop woodworking; dovetail methods; and finishing. See the Sawdust calendar each month for upcoming programs.



## SHOW & TELL

'Show & Tell' at the May meeting included:

### ❖ Observation Hive - Fred Miller

Fred built this for friends, who are keep bees and sell honey. They use it to attract buyers of honey at their sales booths. Made of sably a section of a hive (a frame) can be slid between glass panes (like an ant farm) and keeps the bees from escaping during display. Screen air holes provide ventilation. The masonite is a sun shade, so bees do not get too hot. Fred built two.



### ❖ Dulcimer - Mark Willingham

Mark salvaged some wood from a shipping crate from South America and used the wood believed to be 'monkey pod' to make this latest dulcimer. The fret board is maple. The finish is spray lacquer.



### ❖ Mirror - Mel Crabtree

These are made of end grain pieces, usually some scrap pieces. Can get a lot of patterns and uses a variety of woods to make the frames. Important to get all the thickness the same. Finish is typically water based polyurethane, which has a nice self leveling property.



**Remember  
Bring an item to the monthly meeting  
for "Show & Tell"**

## Wood Shop Design in 16,732½ Steps

(continued from page 1)

- Finishing
  - Brush – in the shop
  - Spraying? Outside
  - Containment
    - o Spray booths
    - o Commercial – expensive
    - o Homemade – probably the way to go
  - HVLP (High Volume Low Pressure)
    - o The system MUST deliver 60% + of the finish to the object
    - o A High Pressure system delivers 20 to 45 %
      - If it is not on the project it is on your shop
- Dust Control
  - If your shop is connected you will have to do something to keep it in the shop
  - Systems/options:
    - o Shop Vac
    - o Down Draft table – easy to make, effective
    - o A solid separator
      - Worth its weight in gold if you have a planer
    - o Dust collector - remote control switch can save many steps
    - o Cyclone
    - o Air Filter – can be home made.
  - PVC Pipe & Dust
    - o One group says go boom!
    - o The other group says no way
  - Dust Collection Basics” is a great book on the issue.
  - My worst dust collector ever: Shopsmith DC3300
- Noise Control
  - If you are connected to your house you will hear it from everybody.
  - What to do:
    - o Machine mount isolation
    - o Finger foam sound reduction panels mounted to wall.
    - o Collects dust & expensive.
    - o Good for a separate room with an air compressor or vacuum in it.
- Comfort
  - AC if you are lucky
  - The comfort you are seeking is whatever makes you happy.
- Heat
  - Wood stove
  - Gas space heater
    - o Open flame – don’t spray lacquer and you should be fine.

- Electric
  - Most expensive
- Cooling
  - AC is expensive but a fan blows dust everywhere
- Hard concrete floor
  - Not very comfortable
  - Those mats work.
- Safety
  - Eyes, ears, lungs
  - Fire safety – heat alarm.
    - o At least one fire extinguisher
- Resources
  - 'The Small Workshop' from Fine Woodworking
  - 'The Workshop Book' by Scott Landis from Taunton press
  - 'Smart Workshop Solutions' by Paul Anthony.
  - On line
    - o Bob Vilas workshop design
    - o Delta shop designer.
    - o Grizzly workshop planner
  - Look at your friends shops!
- Personal Trials and tribulations
- Don't buy cheap equipment
- Important – Relax. Take your time and enjoy the process.

*Thanks Bill - great information.*



### Best Quote of Last Few Months

*"It is nice not to do woodworking in the rain."*

**Bill Golden** (Value of a workshop)

## Boy Scouts of America

### *Woodworking Merit Badge:*

Scouts working on some merit badges at JPM and working projects typically on Monday evenings.

### *Explorers Post:*

We have had keen interest from area Scouts. An Explorer Post (A co-ed teenage division of Boy Scouts for 14 - 21 year olds) has been exploring a variety of areas of wood working in the broadest sense including framing, cabinet making, furniture making, wood turning, etc. They' meet at JPM generally meet once a month on the 3rd Saturday of the month.

Post members that want to also join CWA get a student membership rate of \$15/ year.



## JPM Shop Use

Any current CWA member who would like to use the shop is welcome to do so! All that is needed is to schedule the time! If you have something specific you need to do and you need our tools or a bigger shop to work in, please do so!

To use the shop contact Jim Emery at:

[JimE@JacksonPark.Org](mailto:JimE@JacksonPark.Org).



**The CWA meeting raffle** could benefit from your donation. If you have any tools (old or new) or shop supplies you would like to donate to be raffled, please bring them to the meeting and let Mike Smith know.



## SHOP TOURS

Mike Smith organizes club membership shop tours. The goal is to have shop tours scheduled that are in the same general geographic area to reduce the distances traveled between shops and permit time to adequately tour several shops in a day.

Please sign up even if you don't have a fancy shop

If you would like to put your shop on the shop tour list, please contact Mike at:

[mikececilsmith@carolina.rr.com](mailto:mikececilsmith@carolina.rr.com)

Note: all shop tours are for active CWA members only. Please refrain from bringing guests, family members, friends, dogs etc...

Once enough shops are committed a date will be set.



## CWA Google Groups

**There is a new method for CWA membership to communicate!**

With a single email we can let you know what's happening. You can also view all the 2009 published club newsletters.

**Note: You Can Join This Group on Your Own!** To join:

Paste the entire line below in your web browser's address bar

<http://groups.google.com/group/charlotte-woodworkers>

- Hit "enter", Click the link "Join this Group" (on the right).
- Create a Google account if necessary (all they want is an email address and password). Please save your password in a secure place for future use.
- Once "signed in" select the radio button "Email" at the bottom and enter a nickname.
- Send an email out to the group to introduce yourself!
- Use "charlotte-woodworkers@googlegroups.com" as the "send to" in any email communication to all members of the group.



## CWA MEETING PRESENTERS

All members are asked to keep an eye out for anyone that might make be a suitable program presenter for our CWA club meetings. Who knows, it might even be you!

### Recent presentations have included:

- Dulcimer making
- Shaker Table Build Workshop
- Wheel making
- Windsor chair making
- Spoon Carving
- Fitting a Drawer
- Power Carving
- Bandsaw Boxes
- Hide Glue
- Tuning up a Wide Board
- Workbenches
- Intarsia Lidded Wood Boxes
- Turning a Peppermill
- Using SketchUp
- Log Cabin Building
- Cutting Ogee Style Feet on a Bandsaw
- Building a Mantle Clock
- Tools and Changes in the Industry

If you know of someone with a woodworking skill that could be of interest please contact Dave Powles at: (704) 506-0403.



## Break Time for Clock Making Project at Mike Smith's



## Boy Scout Woodworking Merit Badge

JPM has been holding shop sessions for 20 Boy Scouts to work towards receiving a woodworking merit badge.

Jim Emery will be looking for volunteers from CWA membership to assist with Saturday workshops, as another session will be offered in 2011. Workshop sessions are anticipated to be held as morning and afternoon sessions.

This is an outstanding way to introduce young people to woodworking. With many school shop programs being phased out this may be the only contact our youth have to a woodshop and the craft of woodworking.

If you would like to put your name on that list to help or would like to find out more please contact Fred Miller at: [fredmiller2@gmail.com](mailto:fredmiller2@gmail.com).

Watch for additional information to be published to the CWA Google group.



## Regular CWA Meeting Time and Place

Meetings of the Charlotte Woodworkers Association, Inc are held the third Tuesday of each month, except for December. Meetings are held at Jackson Park Ministries Woodshop at Sentry Post Drive, Charlotte, NC.

Please check the web site

([www.charlottewoodworkers.org](http://www.charlottewoodworkers.org)) for directions.

Note: you may see construction on Sentry Post Drive as they have been working the area of late.

A social and refreshment time starts at 5:30pm; our meeting starts at 6:30pm. Come to the meeting early and get to know your fellow woodworking enthusiasts!



## *The CWA Library*

Books and DVDs are available from the CWA library for a buck a month. Contact Maurice Blackburn at [MBlackburn1@Carolina.RR.Com](mailto:MBlackburn1@Carolina.RR.Com)

Also, please help your fellow woodworker and make your club newsletter even better by contributing a short book review.

Remember, your review is redeemable for a free DVD rental from the CWA library!

Send your book review to Roger Callahan ([roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net))



## The Classified Section

**Dave Powles has some 8 quarter, kiln dried, top grade (between 1st & 2nds and 'select') White Oak. When planed it generally is measuring 1-13/16". Varied widths 6" with some 8" and 10". \$3.25 a board foot. Contact Dave if you need some.**

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This space is reserved for classified ads! If you have any woodworking or related items for sale that you think would be of interest to the membership please contact: Roger Callahan ([roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net)) Include a complete description of the items(s) and a picture or 2 (if possible).  
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Also, check the bulletin board at JPM as other items may be posted there.



## 2011 CWA Officers



Mike Smith  
President  
704-535-4497  
[mikececilsmith@carolina.rr.com](mailto:mikececilsmith@carolina.rr.com)



David Powles  
Vice President, in-charge of programming  
(704) 506-0403  
Sorry, no e-mail available



Fred Miller  
Treasurer  
(704) 650-8520  
[fredmiller2@gmail.com](mailto:fredmiller2@gmail.com)



Roger Callahan  
(704) 236-2385  
Secretary  
[roger\\_callahan@bellsouth.net](mailto:roger_callahan@bellsouth.net)



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CWA Librarian  
Maurice Blackburn  
(704) 394-8780  
[MBlackburn1@Carolina.RR.Com](mailto:MBlackburn1@Carolina.RR.Com)



# Directions to Jackson Park Ministries



From the intersection of I-85 and Billy Graham Parkway:

- 1.) Take Billy Graham Parkway South.
- 2.) Turn Right on Paul Brown Blvd / West Blvd. (this will be after the main entrance to the airport)
- 3.) Turn Right on Airport Drive.
- 4.) First left on Sentry Post Drive.
- 5.) At the end of Sentry Post Drive there is driveway on the left. Enter here. Using the photo above, drive down the driveway and around to the warehouse with the “x” on the top.

From the intersection of South Tryon Street and Billy Graham Parkway (where Woodlawn turns in to Billy Graham). Also exit 6 from I-77.):

- 1.) Take Billy Graham Parkway North.
- 2.) Turn Left on Paul Brown Blvd / West Blvd. (this will be at the light after the Tyvola Road exit)
- 3.) Follow from Step 3 above...



## CWA SPONSOR

*Please thank them every time you use their services.*

### Woodcraft

1725 Windsor Square Drive  
Matthews, NC 28105  
(704) 847-8300  
[Charlotte Store](#)

### WHOLESALE TOOLS

4200 Barringer Drive  
Charlotte NC 28217  
1-800-438-3580 (Service)  
[www.wttool.com](http://www.wttool.com)  
5% - 20% discount with current membership card.

### Klingspor's Woodworking Shop

[www.woodworkingshop.com](http://www.woodworkingshop.com)  
800-288-0000

### Irwin Tools

<http://www.irwin.com/>

### FARRIS BELT & SAW

235 Foster Ave.  
Charlotte, NC 28203  
[www.farrisbelt.com](http://www.farrisbelt.com)  
704-527-6166  
complete sharpening services and abrasives

### Horizon Forest Products

Greenville, S.C.  
<http://www.horizonforest.com/>  
Local Charlotte Salesman Chad Mitchell, 704-401-6426

### The Woodworking Source

184 Azalea Road  
Mooresville, NC  
<http://www.thewoodworkingsource.com>  
Phone: 704-662-9663



## CWA MENTOR PROGRAM

The following members have offered their help to anyone interested in learning skills or new techniques in their area of interest. Contact each person to arrange times to get together if interested.

Wayne Manahan  
Sharpening  
704.786.0768  
[wmanahan@vnet.net](mailto:wmanahan@vnet.net)

If you are willing to mentor new woodworkers please let us know. Thank you!



*"I have a lightning hammer –never strikes the same place twice.*

*-John Leake*

Roger Callahan  
3334 Whistley Green Dr.  
Charlotte, NC 28269

BUILD RATE  
US POSTAGE  
PAID  
PERMIT NO.  
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ADDRESS CORRECTION REQUESTED

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