

August 2017 Edition
<http://www.abqawa.org>

**Preview of the
August 12, 2017
AWA Workshop starting at 9:00 AM**

For August's workshop, we have:
**Jack Henning presenting:
"Table Saw Jigs and Fixtures"**

A word of explanation... A jig is a device that enables the operator to repeat a specific operation quickly and accurately time after time. A jig is usually portable and can be extremely simple or complex. A fixture is a jig that is permanently attached to a machine or process and is usually more rugged and expensive to make.

Jack Henning is a native of Albuquerque, probably one of only a handful. Jack's early woodworking experience was working in a cabinet shop in a production environment. After about two years he decided it was not for him and took a job in the electronics career field at Kirtland Air force base where he retired from at the ripe old age of 45.

Jack's wife talked him into purchasing a ShopSmith in the late 1990's and he was hooked. Some of his woodworking accomplishments since that time are: 1) The woodwork involved in the remodel of his home including cabinets and trim work. 2) The complete rebuild of one of his apartments due to a flood including all cabinets, doors and trim work. 3) A sewing cabinet for his wife that is a knock off of the koala brand except that it is all cherry with raised panel doors and dovetail drawers. he could have bought the cabinet for about 1/3 of what it cost to build it.

This program will have Mike Sherard, Gale Greenwood, Neil Davies, Ros Barnes, Van Barta, Darrell Filkins, Derek Roff, John Henderson, Tracy Murray and Rich Lehoucq discussing a table saw fixture or jig and why the presenter finds the jig useful.

August's Workshop Specials

Come to the meeting and see what the Woodworker's Supply specials are!

On the day of each monthly AWA meeting, in addition to the day's specials chosen to sync with the workshop topic, each of our members will be allowed to pick any one safety-related item, and buy it with the same discount terms, "our usual price, less 10%, unless it goes under WWS's cost". This would

include feather boards, push sticks, hearing protection, eye protection, breathing protection, and other safety items from the big catalog. As an example, a member could buy a feather board OR a push stick OR any one of several other safety items at the same special discount. This "safety special" will be an ongoing offer from WWS to our members, every month on the day of the meeting.

Upcoming Workshops

09/09/17

The Ultimate Router Table

Presented by Ros Barnes and Jerry Trujillo

11/11/17

TBA

Presented by Christophe Neander

10/14/17

Michael Fortune

FWW Contributing Editor

(Topic to be Determined)

AT VALLEY HIGH SCHOOL

12/09/17

Steam Bending

Presented by Mike Sherard

The Education Committee is looking for individuals who would be interested in doing a presentation to our club. If you have a topic in mind and/or are interested in being a presenter, please contact Derek Roff at derek@unm.edu

BOD Minutes May 13, 2017

Call to order: 12:36 PM

Members present: (8) Murray, Voda, Filkins, Henderson, Barnes, Scott, Danner, & Yost

March, 2017 Minutes: Motion to approve John Henderson 2nd Ron Danner The motion passed.

Reports:

President:

1. Reta Price tendered her resignation as Vice President.
2. Motion to nominate Shane Yost as V.P. John Henderson 2nd Darrell Filkins The motion passed
3. Reta will be asked to remain as a Director at Large. Mike Murray will call her.

Vice President: No report

Secretary: No report

Treasurer:

1. We have 202 members.
2. Financial report are provided by Email.

Past president: No report

Education:

1. Darek provided the BOD information regarding his absence from BOD meetings.

2. A member to act as a liaison between the BOD and education committee will be sought.

Librarian:

1. Steve Scott stated that he will act as liaison to the Education Committee.
2. Material storage for the library will be discussed in Old Business.

Newsletter:

1. Tool sales announced in the newsletter will be for members only.
2. Individuals can present information regarding a tool sale at regular monthly meetings.

Community Service: There will be a toy party at Jim Templeton's on May 20.

Webmaster: All changes are posted on the website.

At Large: No report

Old Business:

1. O & D insurance: Darrell Filkins indicated that the expected premium would be about \$860. There was discussion of the limits of the policy. No action was taken pending additional information. John Henderson will contact Western Assurance for more information and explanation.
2. Materials for toy production have been donated has been donated by the Wiegels. Ros Barnes provided an inventory of donated materials stored at his shop. Darrell Filkins will send a letter of appreciation for the donation.
3. Library: WWS will not provide cabinets for AWA use; however, WWS indicated a willingness to provide space to store the library. Motion: AWA will investigate options for purchase of storage cabinets or production of cabinets for the library. Steve Scott 2nd John Henderson The motion passed.

Receipts for materials checked out at meetings will be issued; otherwise, the website will be utilized.

Motion to recycle periodicals: An offer will be made to Erin O'Donnell to take the magazines. She will have two weeks to reply and two weeks to take the materials. If she does not take the materials, then the material will be recycled. Shane Yost 2nd John Henderson The motion passed.

Bill Cotton is converting the VHS tapes to digitized copies. He has approximately 30 hours of conversion remaining.

New Business:

1. A venue and and equipment for the Michael Fortune has not been determined. John Henderson will check further on the venue and provide information via Email. The remaining question is whether the presentation will be open to the public. (This will be discussed further after a venue is secured.)
2. Information regarding sponsor discounts to AWA members is not currently available. Ros Barnes will investigate and get a consolidated list.
3. Mike Murray will see that the engraving on the AWA display plaque is updated.

Adjournment: 2:12 PM

July's Workshop Statistics

Attendance: 45 members & 6 guests.

\$10 Cash: Jo Kobler

\$10 Cash: Ivan Blomgren

\$25 TJ Hardware Gift Certificate: John Henderson

\$50 Woodworkers Supply Gift Certificate: Ivan Blomgren

Boxes of screws (donated by Jerry Wall): Martin Arrambide, Ros Barnes, Cindy Boyd

Cans of lubricant: Robert Ewing

Clamps: Cindy Boyd

August 12, 2017 SILENT AUCTION

No specific tools are being sold this month, but you never know what might show up, so come to the meeting and see what you may not be able to live without.

July 8, 2017 Presentation

“Designing and Building a Table” presented by Glen Sellers (written by: Jo Kobler)

Visitors were introduced,

Announcements:

Jim Templeton talked about the toy party that had been scheduled on Sat is being cancelled because we don't need to have one. Many projects are done. Next toy party will probably be Sept when toys are ready to be dipped in the finish.

Jack needs more folks to talk about jigs for next month's meeting so contact him if you can contribute.

John Henderson talked about bringing in an expert for the October workshop, possibly Michael Fortune.

Glen Sellers spoke to us today about table design and construction. Glen has been in construction for 17 years. He completed the degree program at Santa Fe Community college in 2015. In addition to his contracting business, he also builds and designs furniture and doors for clients.



Glen said that there are 3 things to consider when building a piece of furniture:

Form

Function

Joinery



Glen showed us an antique table that he completely dismantled, repaired and refinished. He then presented another table he made from scratch that mimicked the antique table. He used



cardboard templates to copy some of the aspects of the original table for use on the new table, such as the apron design. He used large and long mortise and tenon joints for the legs so that there was a lot of glue surface. He copied the turnings of the leg by placing a piece of paper under the leg as it was laid down horizontally, shined a bright light under it and used a pencil to copy the shapes.



The original round table had a split all the way thru the top so Glen had to repair it. He just edge glued the boards for the top with no biscuits or dowels.

Glenn talked about designing tables. Are you going for aesthetics or mostly for function? He prefers to make test pieces before he makes the actual table. Ivan asked about using shellac as a pre-sealer before staining. Glenn said that he only uses a pre seal on blotchy woods such as pine. Since this table was ash, he applied the stain directly to the wood. He uses “Simple Success” by Moser which is a water-based clear finish. It is available at Woodworkers supply.

Glen showed us another small rectangular table that he made which is more like a cabinet. This table was a project from SFCC. It has a double mortise and tenon in the base. He said this cabinet has the maximum number of different kinds of joint designs possible so that students learn them. No biscuits on this table. SFCC



recommends not using biscuits on the top as long as the edges are jointed very well. Jim Templeton was questioning why no biscuits were used.



This cabinet table has bread board edges and dovetail joints on its drawer. It has a top drawer and a door with a bridle joint. The table is oak with a walnut inset panel and handle as well as the

drawer front and knob. He hand carved the handle. Floor is a double layer of plywood that is screwed down to a cleat that goes all the way around the bottom. Jim Templeton asked him how he did the dovetails-machine or by hand? Glen said he used a router and then chiseled out the corners. His drawer dovetails are all hand-cut because the class was about hand cut dovetails.



Glen said that after six years, this cabinet has had some shrinkage and expansion and he felt the grooves for the inset side panels weren't deep enough. He would have done some things differently. He said he'd make the groove deeper and probably use space balls next time. Bottom joint



was double mortise and tenon and that joint is holding up very well. He doesn't think the glue is failing. Door is held closed with friction. He arced the back of the drawer panel so that it wouldn't hit the back of the piece. He used a thin strip of maple on the bottom edges of the drawer so that it holds up better. Long narrow thin strips of maple that he glued to the bottom of the runners.

Glen made these 2 tables to learn about joinery. He made them for his bedroom. He really likes the Simple success poly because he feels it stretches with the wood and he can re-coat fairly quickly. It doesn't yellow over time. It's also UV resistant. Can apply with foam brush as long as you knock down the bubbles. Biscuits vs dowels vs floating mortise and tenons. He likes mortise and tenons because he can use his router which he is comfortable with. In making the tenons, cut it about 1/8 to 3/16" smaller for space for glue. He said SFCC has horizontal boring machines so mortises are easy to make. Panels have beveled edges on them but tenon is actually flat vs tapered. You can add foam beads to groove to alleviate rattle in the panels, like space balls. They will compress and re-expand as needed. Someone brought up backer rod that can be purchased at local stores-cheaper and works well. It is sold in different densities so you need to know what will work for your particular project. Glen feels space balls are more reliable and predictable. The panels expand width wise-not height wise.

Glen said that he wants to produce pieces that are heirloom quality whereas some woodworkers aren't that particular. Cabinet making is very specialized and can be very intricate if done correctly. Commercial cabinet making vs fine woodworking can be very very different.

Glen discussed how to decide which joinery to use for your own table: Someone asked about pocket screws which Glenn said were ok. Doesn't know if they would work as well in some cases. He chose mortise and tenon for the strength. He placed the mortises so that the legs had a slight reveal proud of the aprons. His mortises are 1.25" deep. John Henderson said that one can buy a jig for doing the mortises. He said they work very well. Someone asked if there is a formula for the length of the mortise vs the apron size? As a rule, make as long of a mortise that you can get away with. Probably go with the max that you can for ultimate support. He said the tops started out at about 1.25" and ended up 7/8" finished. He has had no warping on the table tops (they are ash) and are round. "Listen to the wood".....use the wood where you know what the movement of the wood will do and also consider your climate (temperature and humidity fluctuations).

Glen turned his own legs on the table for his SFCC class. He talked about the fact that none of the legs are identical and that's ok. The human eye won't notice. He said the table had a little issue with racking after clamping up but very slight and it is on carpeting so it isn't noticeable.

Breadboard top: he used tenons to put the breadboard edges on but they have to be dead perfect. He chose to use a bridle joint on the door to the cabinet due to the thickness of the door.



Apron design: He chose to copy his from another table but you can make one any way you want as long as it's not too small. An apron is used as support. He did use screws and clips on the round table to hold the top on. That way he can remove the top easily in case he needs to.



Ivan asked about clips and wood movement. He only puts clips on the sides that don't move-and not on the sides that do move. Glen said that whatever works best for you and is the most "repeatable" then that's the best thing to use when choosing mortise and tenons, biscuits or dowels.

Glen opened it up for questions but there were no more.

Member's Work

Ros Barnes showed a modification to a roller work support, using PVC parts. The swing down adapter keeps the legs from collapsing during use.

Safety Tips, Woodworking Tips, Experiences
(If you have a tip that you would like to share, send it to the editor, Ros Barnes, RNBBNZ@MSN.COM)

From Ros Barnes: If you are going to route a "keyhole" slot into the back of a workpiece, locate the starting point using **only one pencil mark!** I inadvertently had two marks, and guess which one I used. When I routed a profile on the edge, a small hole opened up where I had routed the slot. Yep, had to make a new part (luckily it was only a relatively small piece).

AWA "Mentor List"

(from Ros Barnes, newsletter editor, RNBBNZ@MSN.COM)

AWA is still looking for any members who are interested in being a Mentor for others in our organization. If you are at all interested, please e-mail me. You do not need any formal training to be a Mentor - just the desire to share your woodworking knowledge with others.

NAME	DISCIPLINE	CONTACT INFO
Ros Barnes	Cabinet (casework) design and construction, toy design and construction, equipment adjustment and tuneup, jigs.	505-864-8857 RNBBNZ@MSN.COM
Gale Greenwood	Cabinet making, case goods (eg: chest of drawers).	505-256-1379
Frank Warren	Toy design and building, and scroll saw and scroll saw projects	505-962-9212
Alan Voda Steve Wagner	Plastic casts and molds	Alan: 268-7096 or amv6775@gmail.com Steve: mailto:bigjawbone@mac.com

**2017 Community Service Project
(Formerly known as the “Toy Project”)**

AWA is generating toys for this next holiday season. Watch and listen for how you can help with this project.

Jim Templeton has held several parties at his woodshop. Listen for the date of his next party which will be primarily for dipping the toys in a 50% solution of polyurethane and mineral spirits to seal the surfaces.

NM State Fair

AWA discontinuing State Fair Woodworking exhibit

(From Mike Murray, repeated)

The Albuquerque Woodworkers Association Board voted at its January 11, 2017 meeting to discontinue the AWA Woodworking Exhibit at the New Mexico State Fair. Fair officials have been notified. This decision resulted in part from the recent member survey in which the Fair came up last. Only 30% of respondents had ever visited or participated in the Exhibit. Each year we have struggled to get enough members to show their work. Only 17% responded that they would be likely to enter in the future. Many suggested that we needed to have people doing things as do the Wood Turners. However, AWA insurance would not cover the use of power tools at the exhibit. Richard Parker brought in his workbench last year to encourage exhibit “hosts” to be doing handwork, but only a few members did so. Finally, The exhibit consumes from 100-150 person hours for check-in, set up, judging, teardown, and hosting. Kudos to all those who have participated in the past.

New Members

(No new members for this edition.)

AWA Name Badges



Steve Schroeder is the volunteer that makes badges for those members that need them. When Steve is not in attendance, please give your name to **Norb Siska** and he will forward your request to Steve.

AWA Shirts, Smocks, & Hats

Ivan A. Blomgren is taking orders for club caps, shirts, etc. Due to the lack of volume and associated shipping costs our embroidery shop experiences on small orders, it has been decided we need to switch to placing orders on a quarterly basis in hopes of boosting the volume for each order so the per item shipping costs can come down.

The way this procedure will work is that members can place orders with Ivan up until the **third meeting** of each quarter. The collected orders will then be submitted to the embroidery shop and should then be available for distribution **at** the first meeting of the **following** quarter. **Full payment for an order will need to be submitted with each order form before it can be processed!** Order placement cut off dates for each quarter will be as follows:



1st Qtr:	Jan - Mar	Order cutoff:
	March meeting	
2nd Qtr:	Apr - Jun	Order cutoff:
	June meeting	
3rd Qtr:	Jul - Sep	Order cutoff:
	September meeting	
4th Qtr:	Oct - Dec	Order cutoff:
	December meeting	

Order forms can be downloaded and filled out from our web site as well as from Ivan at our meetings.

AWA Classifieds (Members Only)

Tools for Sale

NEW: Eric Platz was tasked with liquidating tools and equipment for a recently deceased cabinet maker, Bill Light. Eric has painstakingly generated a detailed list with asking prices. This list is far too long to include here, but you can see it in an additional document accompanying this NL.

From Neil Davie: KV 8505P-26" heavy duty (150 LB) drawer slide, full extension +1.25", NEW, was \$25.00, now \$20.00 or make offer.

Also, new desk pen kits: Gold colored metal ballpoint pen and matching funnel mount, \$4.00/each (7 available), and a used carried saw blade, 7-3/4" dam. X 48 tooth ATB X 1/8" kerf, \$10.00.

Contact Neil Davie ntdavia2@msn.com, or [505-250-4873](tel:505-250-4873).

Tools Wanted

Erin O'Donnell (AWA member and CEO & Founder of Dovetail Community Workshop) is looking for a good deal on a used bandsaw. If you have one, you can contact her at <mailto:dovetailabq@gmail.com>. You can also visit the website at <http://dovetailworkshop.com/> as well.

AWA website

Steve Scott is our WebMaster. The Web Site has a fresh new look and some neat photos! There you can find a list of the Board of Directors, a Calendar of events, and an Application Form. Check it out at:

<http://www.abqawa.org/>

Workshop CDs and DVDs

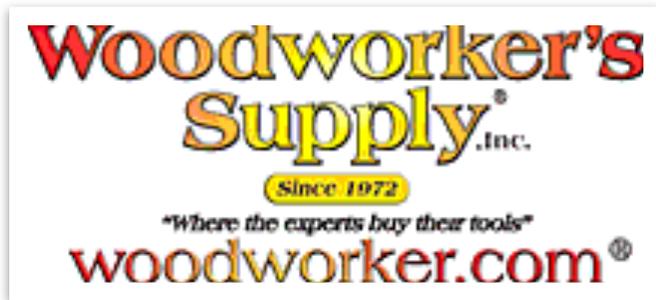
The AWA Library is currently unavailable as we move the collection to a new home, but we hope to make materials available for checkout again soon. If you haven't used the library before, we encourage you to take advantage of this resource. A list of books is currently posted on the AWA website.

We also hope to launch a new online system soon that will make it very easy to find and check out books, and we hope to make it easy for members to pick up and return books when they check them out.

Sawdust On The Brain (humor via Ros Barnes)



AWA SPONSORS



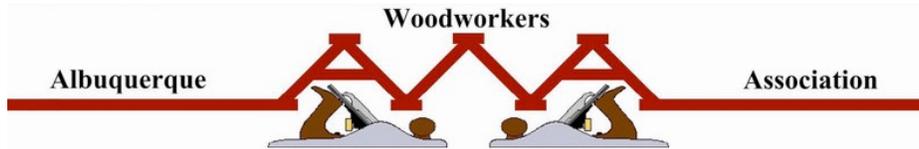
TJ Hardware
311 Amherst Dr. NE
Albuquerque, NM 87107
505-881-4325
www.tjhardware.com

World of Wood
WOODWORKER'S WAREHOUSE
4224 Menaul NE
Albuquerque, New Mexico 87110
Phone: 505 - 293 - 9663 (WOOD)
Fax: 505-293-9664
myworldofwood.com



Montana Reclaimed Lumber
info@mtreclaimed.com
PO Box 741
Gallatin Gateway, MT 59730

PRECISION SHARPENING INC.
YOUR SHARPEST MOVE FOR SALES AND SERVICE
Shawn Tuttle
Owner
3018 Princeton NE
Albuquerque, NM 87110
Phone: 505.884.8229
Fax: 505.884.2825



Membership Application

Mail to: P. O. Box 36133 Albuquerque, NM 87176-6133

DUES:

Dues are assessed on a calendar year basis. **Please pay a pro-rated amount of \$3 per month to the end of the current year** plus any additional years to extend your membership. Please check appropriate boxes.

- One Year - **\$36** Two Years - **\$68** (a 5% discount) Three Years - **\$97** (a 10% discount).
 Lifetime Membership - **\$360** (10 times annual dues).
 Full-time students (under 22) in an accredited educational program receive a **50%** discount.

Amount Paid: \$ _____ (Prorated current year + additional years)

Name: _____

Spouse: _____

Address: _____

City/State/Zip: _____

Telephone: Home: _____ Work: _____ Cell: _____

E-mail (please use all capital letters): _____

I agree that Albuquerque Woodworkers Association, including the officers, will not be liable for any injuries or bodily harm resulting from the operation and activities of the Association.

Signature: _____ Date: _____

Print Name: _____

Please sign, date, and send this form (with payment by check) to the above address or bring payment (check or cash) to the next AWA Meeting/Workshop. If you got this membership application off the website the form is fillable on your computer so download, complete, and print.

* We would appreciate your answering a few questions so we can make your membership in Albuquerque Woodworkers Association as satisfying as possible:

• How did you hear about AWA? _____

• What special skills do you have that might be useful to AWA?

• Are you retired or semi-retired? Yes No Comments: _____

(Revised 5/17/2016)