



July 2018 Edition
(Newsletter Editor: Ros Barnes, rnbznz@msn.com or 505-864-8857)
<http://www.abqawa.org>

IMPORTANT ANNOUNCEMENT!!

NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE

AWA will again be meeting in Class Room #4 at North Domingo Baca Multigenerational Center, on Saturday, July 21, beginning at 9:30 AM, concluding around 12:30 PM. Doors open at 9:00 AM.

This does not mean AWA is ending its relationship with Woodworkers Supply. We have spoken to Woodworkers Supply who has been a very generous sponsor of AWA for many years and will continue its support moving forward.

Please Take note: Our meetings will be held on the **third (3rd) Saturday of each month, starting at **9:30 am**, ending at **12:30 pm**. Please, if you are not on the set-up team or a presenter, do not come into the room until 9:20.**

North Domingo Baca Multigenerational Center

7521 Carmel Ave NE, Albuquerque, NM 87113 (505) 764-6475



North Domingo Baca Multigenerational Center is located two blocks north of Paseo Del Norte Blvd. NE. on the corner of Carmel Ave. NE. and Wyoming Blvd. NE. The entrance is the second driveway off Carmel.



**Preview of the
July 21, 2018
AWA Workshop starting at 9:30 AM**

For July, we have:
Neil Davie presenting:
“Contemporary Casework Design...It’s Not Just Cabinets”

After leaving Sandia Labs in 2012, I had the opportunity to design our current contemporary home from the ground up. Retirement also gave me time to fabricate the cabinetry and interior doors, ending a roughly 25 year pause in my woodworking. Most of the cabinet facings were executed in bamboo plywood, and the kitchen and guest bath were featured in articles published in 2016 issues of Su Casa Magazine. The design and fabrication processes were a great learning opportunity, and I want to share some of those experiences.

We generally define casework as an item whose parts form a case, such as a dresser, desk, cabinet, or bookshelf. It can also refer to the craft used to make those assemblies. Architects and builders restrict this definition to items built into the architectural structure, such as kitchen and bath cabinets, and they specifically exclude free-standing furniture. They may also include other woodworking items such as doors and millwork. For this workshop, I will use the more restrictive architectural definition.

Most of us can assess whether a design is contemporary or not, but we may not understand why we make that assessment. We might use descriptions like clean-lines, sleek, sophisticated, minimalistic, commercial, or

industrial, but are there universal features to include or avoid in a contemporary design? We will explore this question at the workshop, which should help you to create successful contemporary designs.

It might be acceptable to design free-standing furniture that contrasts or even conflicts with the overall design style of an interior space. However, design of architectural casework must be thoughtfully integrated with a multitude of other interior design elements such as counters, flooring, lighting, appliances, plumbing fixtures, wall colors, etc. As woodworkers, we have biases that may focus our attention on the cabinetry and cause us to neglect other aspects of the design. Hence the subtitle, *It's Not Just Cabinets*.

I will present a brief history of Modern and Contemporary design, along with a discussion of features that should be included or avoided in a successful contemporary design. I will introduce the concept of negative space in design, and present my thoughts on approaching a big design project (new construction or remodel). Since the kitchen forms a central part of the contemporary open floor plan, the visual aspects of kitchen design will be emphasized. This is NOT a kitchen layout workshop. I will present photos from my project and relate them to the previous design discussions. A few fabrication details and lessons learned will also be presented.

July's Woodworker's Supply Specials

Catalog: Big Book 2018
Cabinet Accessories pg. 195 – 210
Decorative Hardware – Pulls & Knobs pg 308 – 324

NOTE: Since our meetings are moving to a new location, away from WWS, they have agreed to hold over their specials through the following Monday so that we may have a better opportunity to take advantage of those specials.

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

08/18/18

"Fixing Your Mistakes"
Presented by Hershel Weiss

09/15/18

"Designing Expressive Boxes"
Presented by Doug Jones

10/20/18

**"Methods of Work, Design, Materials, and Hand
Tools"**
Presented by Tim Shead

June's Workshop Statistics

Attendance: 52 members & 2 guests.

\$10.00 Cash: Jack Henning

\$10.00 Cash: Barry Prince

\$25 TJ Hardware Gift Certificate: Matthew Perrier

\$50 Woodworkers Supply Gift Certificate: Barry Prince

Grab bag of unused shop supplies: Rick Martin

July 21, 2018 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.

June , 2018 Presentation

For June, we had:

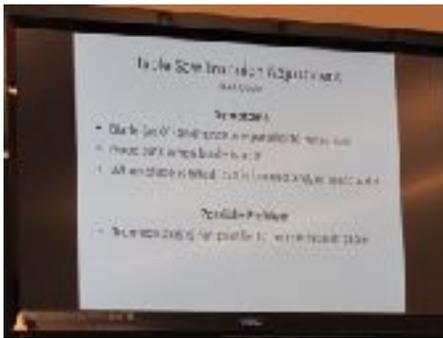
Several AWA members presenting:

“JIG - ARAMA”

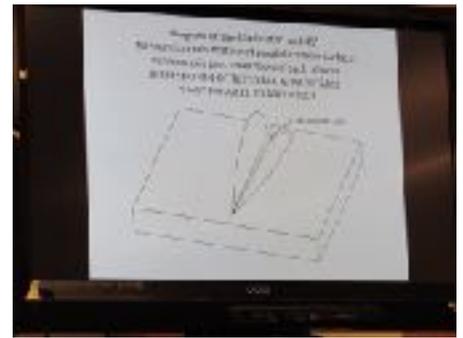
Jigs and their uses in woodworking projects.

(by Rich Lehoucq)

Neil Davie presented the topic of *table saw trunnion adjustment*. Suppose the blade at 0° is parallel to the mitre slot (to no more than .005”) and rip fence are parallel to the blade. Then your trunnion may need adjustment when a cut is inaccurate or burns when making a bevel cut, say at 45 degrees. Since the axis of the trunnion rotation holds the motor in place, the plane defined by the four trunnion bolts may not be parallel to the table top, hence the problem with bevel cuts. Although not easy to visualize, the diagnosis is simple.



The adjustment is a two-step process. First, the adroit use of a dial indicator determines the correction needed when the blade is beveled at 45 degrees. Second, thin metal shims are placed near the trunnion bolts to render a subsequent dial indicator reading to be in error of no more than .005”. Neil kindly offered to help make this adjustment for anyone who



is burning while beveling.



Jack Henning was the second speaker. He shared two clever, simple jigs he has made. The first jig checks that the saw blade is parallel to the table saw mitre slot, using an inexpensive (nondigital) caliper. The second was a thin rip guide.



Ros Barnes was the last speaker before our break. He presented:

1. A bandsaw sled, a kindred to a table saw crosscut sled. This was a clever jig, complete with a stop block mounted in t-track, useful for achieving repeated consistent cuts;
2. A belt sander sled that fits the sander's cast iron's mitre slots; and
3. A table router jig.



All three jigs contained safety features that Ros extolled.

The after-break presentation hour had another three speakers, each presenting plunge router based mortising jigs.



Ivan Blomgren demonstrated his jig first, a minor variant on Jeff Miller's mortising jig published in Fine Woodworking issue number 172. Ivan added t-track so that he could incorporate stop blocks. He also presented some photos of an interior door he made using the jig. Ivan's sketchup drawing is referenced at the end of the newsletter.





Ben Blackwell presented his 1/4" melamine (or MDF) based mortising jig. Ben's design differed from the other two designs. For a desired mortise length and width, there is a specific combination of router bit diameter, guide bushing (with an outside and inside diameter) and slot geometry in the melamine base to

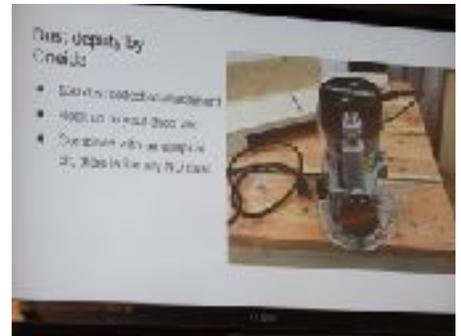


produce the desired mortise. He highlighted several of the important details with their construction and use. Ben also graciously offered to host a small group of folks to make the jigs. *(Ben's notes for this jig can be found after the AWA application form in this newsletter.)*



The final speaker **Rich Lehoucq**, presented the third router jig of the morning. It was a largely a replication of the jig belonging to Michael Mocho, who was inspired by the design due to Tage Frid (a deceased woodworking luminary). The jig differs from the previous two in that the stock is clamped within the jig, creating a mortise sandwich. A notable aspect of the presentation was the use of the Oneida dust-free router hood. This clear plastic hood,

replaces the router base and allows a shop vac to be directly connected. This led, as Rich explained, to a sawdust free mortising experience. He commented that his long suffering wife was relieved that their bedroom remained free of sawdust for another day.



AWA Member's Upcoming Jig Party

Ros Barnes' "jig/push stick party" – i.e., how to make your own, has been locked in and 11 members are slated to attend on Saturday, August 11 from 9:00 AM - ~3:00 PM. There were over 24 members interested, so I e-mailed all 24 as a group, and then signed each one up based on the date stamp of the return response, responding to each reply with a "You're in!". Fear not...if you didn't make this first session, I will schedule as many more sessions as are necessary to get everyone who's interested involved.

AWA Treasurer and Membership Chairman

As of December of 2018, **Darrell Filkins** will be stepping down as TREASURER and MEMBERSHIP CHAIRMAN. If any AWA member would be willing to take over these joined functions, please contact our President, Shane Yost at syost35903@comcast.net, or personally at one of our AWA meetings.

BOWLING PIN WARNING!!

From Tom Cour (longtime AWA member)

I noticed in the June newsletter that some folks won bowling pins at the last AWA meeting. Several years ago Ron Phillip's tried to turn a bowling pin and found out:

- 1) it was not a solid piece of wood but many pieces glued together;
- 2) it was full of voids and dangerous to turn, and;
- 3) I think it contained some steel. So be wary as you try to work it. If you have a metal detector, test it before you cut or turn it.

Special Announcements

Frank Warren's woodshop is up and running 7 days a week from 9-4pm for working on toys. Anyone who wishes to participate and have time during these days and hours, call Frank at 962-9212. His address is 4972 Turquoise Dr. in Rio Rancho. Thanks.

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
John Gonsler	Toy design and maker (Note: John [an AWA LIFE Member] lives in Grand Rapids, Michigan, but is willing to mentor anyone via email, telephone, or other means, and he has some original designs he is willing to share.)	616-949-0061 mailto:john.gonsler@sbcglobal.net
Alan Voda Steve Wagner	Plastic casts and molds	Alan: 268-7096 or amv6775@gmail.com Steve: mailto:bigjawbone@mac.com
Frank Warren	Toy design and building, and scroll saw and scroll saw projects	505-962-9212
Bill Zerby	Tool Sharpening	505-263-6632 mailto:william.zerby@gmail.com

New Members

(None for this issue.)

AWA Name Badges



Steve Schroeder is the volunteer who makes badges for those members that need them. You can contact him at stefano.abq@gmail.com.

AWA Shirts, Smocks, & Hats

(Editor's note: the embroidery company who does our shirts seems to be going out of business. We're going to put it all on hold while a new logo is being created.)

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

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

AWA Classifieds

Jerry Wall has two pieces of equipment for sale: a 6-inch WOODTEK jointer with 2 extra knife sets, plus an air compressor.



He's asking \$200.00 (OBO) for the jointer.

The 5 gallon twin tank air compressor needs a check valve. It was a great machine but no longer produced nor are parts available. The electric motor, compressor, and tanks are in excellent condition. Someone may be able to adapt a check valve. I don't have a boat so the anchor solution doesn't work. Jerry's asking \$50.00 (OBO).



Contact Jerry at 2yardbirds@comcast.net , or 505-898-8254.

Ros Barnes has three pieces of woodworking equipment for sale, all in working order:

JET AIR FILTRATION SYSTEM

#AFS-1000B, #708620B; 3-SPEED WITH REMOTE; 110V; 12" X 24" X 30"; CAN BE PORTABLE OR CEILING MOUNTED.

\$400.00 new

\$250.00



HUSKY PRO AIR COMPRESSOR

VT631502AJ; 26 GALLON; 110V; PORTABLE; 5.8 SCFM @ 90 PSI; 5 HP; COMES WITH INDEPENDENT "BLOWDOWN" UNIT, SEPARATE TIMER, AND BLOWDOWN HOSES.

\$300.00 new

\$175.00





GRIZZLY DUST COLLECTOR

2 HP; 220V; 1-PHASE; 3450 RPM; 6" INLET WITH DUAL 4" "Y"; PORTABLE ON CASTERED BASE, 21-1/2" X 33-1/2" X 78" TALL WHEN INFLATED. COMES WITH 30-GALLON TRASH CAN AND SEPARATOR LID WITH HOSES, 220V REMOTE RECEIVER AND TWO TRANSMITTERS.

Dust Collector: \$400.00 new; Separator lid and can: \$50.00 new; Remotes: \$75.00 new.

\$275.00



Contact Ros at rnbnz@msn.com, at 505-864-8857, or at one of the AWA meetings.

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.

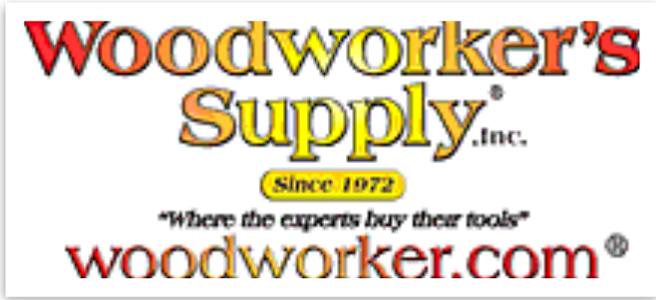
We also hope to launch a new online system soon that will make it very easy to find and check out books, and we hope to make it easy for members to pick up and return books when they check them out.

Sawdust On The Brain (humor via Ros Barnes)

**OK, so I decided to fix it myself.
Where's the problem??**



AWA SPONSORS



Montana Reclaimed Lumber

<http://mtreclaimed.com/home>

PO Box 741

Gallatin Gateway, MT 59730

(406) 763-9102

The logo for World of Wood features a stylized globe with green continents. Below the globe is the text "World of Wood" in a cursive font, with "WOODWORKER'S WAREHOUSE" in a smaller, sans-serif font underneath.

4224 Menaul NE
Albuquerque, New Mexico 87110
Phone: 505 - 293 - 9663 (WOOD)
Fax: 505-293-9664
myworldofwood.com



Building Materials and Construction Services

Hardwoods and Plywoods

5815 Edith Blvd NE, Albuquerque 87107

(505) 823-2200

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

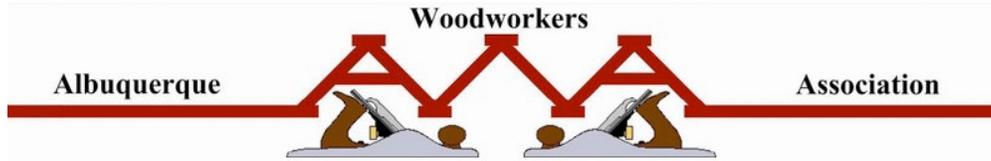
The logo for Precision Sharpening Inc. features a circular image of a person sharpening a tool. The text "PRECISION SHARPENING INC." is at the top, followed by the tagline "YOUR SHARPEST MOVE FOR SALES AND SERVICE". Below the image is the name "Shawn Tuttle" and "Owner", along with the address "3018 Princeton NE Albuquerque, NM 87107" and phone/fax numbers.

PRECISION SHARPENING INC.
YOUR SHARPEST MOVE FOR SALES AND SERVICE

Shawn Tuttle
Owner
3018 Princeton NE
Albuquerque, NM 87107

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)

See additional e-mail accompanying this newsletter for Ivan's *SKETCHUP* drawing for his mortising jig.

Ben's notes for his mortising jig.

Materials for Fabricating Mortise Jig for Plunge Router/Guide Bushings

1. ¼" Melamine or MDF for jig, size may depend on application
2. ¾" x 2" fence material
3. 2 each 5/16" hanger bolts, ¼" x20 threads, 2" long; may or may not need washers
4. 2 each ¼" x 20 star knobs
5. Mill two 5/16" stopped slots in jig material

General Notes

1. Flatness of jig material is important but nothing relies on having parallel edges.
2. Slot geometry depends on application (width and length of mortise, diameter of cutter, diameter of guide bushing); easy to screw this up. I have a document "Router Guide Bushing Geometry.docx" that will help with this.
3. If router is not symmetrical about cutter axis, do not center guide bushing slot between two fence adjustment slots.
4. There was a commercial product called "Mortise Pal" that uses the same ideas but product and/or business was not a commercial success as they are no longer in business. This product had templates for specific size mortises while the shop made approach can easily be adapted to your specific application. Search YouTube for "Mortise Pal". This product gave me the idea of having stop blocks built into the fence.
5. I tended to cut the jig material from sheet goods that were lying around the shop. This generally led to stock that was no longer flat. Instead, consider sharing a sheet of Melamine or MDF with buddies and make a bunch of blanks and store them for future use.
6. Put a radius on the corner of the Melamine/MDF as you WILL drop it.
7. Label all the geometry parameters on the jig. You and cut multiple guide bushing slots on the same jig.
8. Standardize the overall size of the jig so that the same fence can be used for multiple jigs. Also, you can easily store multiple jigs on a screw on the wall if the fence is not present.