



April 2018 Edition
<http://www.abqawa.org>

**Preview of the
April 14, 2018
AWA Workshop starting at 9:00 AM**

For April, we have:
Chris Manzanares-Sandoval, presenting,
“Developing Your Design — from Colonial to Contemporary”

Chris says that his earliest memory of working in his father’s workshop was when he was about six years old and his principal chore was sweeping up the sawdust from the floor. He says, “I think I did more playing in the sawdust than actually sweeping it up. I enjoyed lying in a pile of sawdust and dreaming of far off places and things.” By the time Chris was nine years old, his father had him doing sanding and staining. And, then in 1965 when he was eleven years old, he was taught the basics of woodcarving. So by then he had already served a five-year apprenticeship with his father, George Sandoval. This continued throughout his teens, primarily during the summers. In the process, Chris developed into a competent woodworker, especially well grounded in the fundamentals of traditional Spanish Colonial furniture making.

As a native born Albuquerque resident, growing up with four sisters and a brother, he went on to the University of New Mexico in 1972, majoring in music with the hopes of eventually becoming a classical guitar performer.

Chris pursued his musical studies, and in 1979 completed his degree requirements. However, Chris found it was very difficult making a living as a professional guitar performer, for in the meantime he had assumed the additional responsibilities of marriage. So he fell back on his woodworking skills and realized he could put this talent to use by making a career out of furniture making. Toward this end, he obtained a job with the well known Albuquerque contemporary furniture maker, Frederico Armijo. Chris was twenty-three years old at the time. He spent two years with Armijo at what were both a job and an apprenticeship. It was also during this time that Chris gained the necessary confidence to begin designing his own pieces.

He has now reached that point where he is able to take the best elements of traditional and contemporary furniture and come up with the fresh ideas and designs that are hallmarks of his furniture.

Chris said, “I admire Shaker style furniture. I will take that shape and add southwestern design elements to it, to see what I can come up with. Or, I will take some elements that Nicolai Fechin (a Russian artist who lived in Taos back in the late 1920’s and early 1930’s), mix them with traditional Hispanic design components I see in Mission style furniture, rearrange it, and play with all of it to see what emerges as a viable design entity.” Chris

uses pine and alder, but for the more contemporary pieces, he uses the harder woods like cherry, oak, and sometimes mahogany.

Chris has done commissioned work for the Pecos National Monument and the restoration carving for La Posada Hotel in Albuquerque. In addition, Chris has work at three museums in Albuquerque: The Maxwell Museum, The Albuquerque Museum, and the New Mexico Museum of Natural History. Eleven churches are included in the body of work created by Chris: entry doors, alters, baptismal founts, pulpits, chairs and benches, altar screens, candle stands, tabernacles, crosses, and processional cross with *corpus* and a carved saint.

April's Woodworker's Supply Specials

Come to the meeting and see what the specials are for this month.

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

05/12/18

"Full-Extension Wooden Drawer Slides"

Presented by David Strip

06/09/18

"Methods of Work, Design, Materials, and Hand Tools"

Presented by Tim Shead

07/14/18

"Design of Contemporary Casework"

Presented by Neil Davie (et al)

March's Workshop Statistics

Attendance: 33 members & 3 guests.

\$10 Cash: Ron Bathje

\$10 Cash: Van Barta

\$25 TJ Hardware Gift Certificate: Steve Schroeder

\$50 Woodworkers Supply Gift Certificate: Mardes York

Girl Scout Cookies: Jim Templeton, Bob Morgan, and Bruce (?)

Box of Screws: Jim McCoy and Joel Gay

April 14, 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.

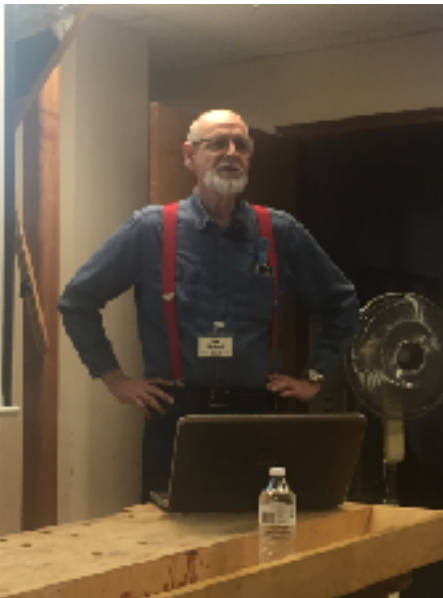
March 10, 2018 Presentation

For March, we had:

“Design and Construction of a Table saw Outfeed Table”

Presented by Ben Blackwell

(by Tracy Murray)



Ben recently moved into a new home with a dedicated wood shop that is significantly larger than his previous shop. The pros of this move are obvious; the cons are that Ben will now spend much more time working on shop projects and much less time working on furniture projects. One of his early shop projects is to design and build an outfeed table for his table saw. The agony and pleasures of this project are the subject of this presentation.

Ben began right where he should begin addressing the functionality of an outfeed table. The design very much depends upon the uses of the project. Given that the outfeed table will be located in the middle of his shop it is no surprise that Ben had several uses in mind, ranging from the simple (a flat surface to store stuff temporarily) to the obvious (make the cutting of large sheet goods easy and safe for one person).

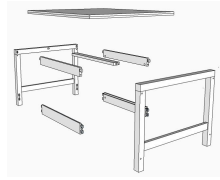
Ben has a high quality traditional workbench which resulted from a Santa Fe Community College course in Fine Woodworking that he took several years ago. This workbench is roughly 2 feet by 6 feet with two wood vices and a solid maple top (1 3/4" thick). Ben also desired to have a solid work table (roughly 4x4 feet) with a top overhang to facilitate clamping pieces to the work table. This work table could also be used for marking, dry assembly, glue-ups, and other woodworking tasks as well as the storage of tools, project pieces, etc. Ben's outfeed table design includes several aspects of his desired work table.

The outside dimensions of the outfeed table are 4 feet long, 4 feet wide, and the height is the same as the height of his SawStop table saw less 1/16 inch. The base of the outfeed table consists of a trestle at each end of the outfeed table; the trestles are connected by five stretchers (a top and lower stretcher on each side with a stretcher running from the front to rear trestle in the middle to support the outfeed table top). The stretchers are 1 1/4" thick; the legs and top beams of the trestles are 2 1/2" x 2 1/2"; the material is poplar. Each trestle is rectangular including two legs, a top beam and a lower stretcher. The outfeed table top consists of two 4' x 4' pieces one of 3/4" MDF and the other 3/4" Melamine; these two pieces are glued together to form a 1 1/2" top with the Melamine on the top. The



Final Design Exploded

- Trestle ends glued up, others dry fit-draw bolt



width and length of the base are smaller than the top to provide an overhang with which to clamp tools, jigs, project pieces, etc., to the top. The outfeed table is attached to the table saw; the SawStop table saw has a very strong angle iron on the back of the saw to support the table saw fence and the extension table. The outfeed table overhang is large enough to accommodate for dust collection; the dust shoot is at the lower rear of the SawStop table saw. The outfeed table top is joined to the base with countersunk flathead screws installed from the top.

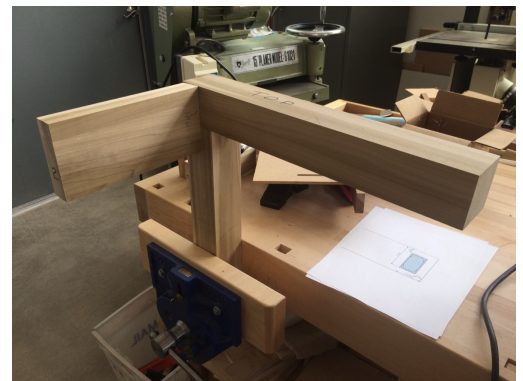
The final concern that Ben introduced into his design dealt with potential desires to move the table saw and outfeed table. His first idea was to install casters on the legs of the outfeed table; his SawStop already is mobile. However, given that Ben has recently moved into a home which has a significantly larger wood shop, his prior experience of moving tools and having work areas that must serve several needs is no longer a significant constraint. He decided that instead of casters he would install leg levelers leaving the SawStop and outfeed table in one central place in his shop. His dust collection also warranted keeping the outfeed table in one place.



Though he was not interested in moving the outfeed table from place to place inside his shop, he did wish to be able to move the table out of the shop. Unfortunately, the outfeed table, when fully assembled, was too large to go through the largest door in his shop. Thus, he needed the ability to disassemble the table. Recall that Ben took a course at Santa Fe Community College in which each student built a high quality work bench. These benches were designed to disassemble the the components so that the finished bench could be moved from the Santa Fe shop to the students home shop and easily reassembled. With minor changes Ben adopted this design. Recall that the base of the outfeed table consists of two trestles that are connected by long stretchers. The top of the table is attached using flathead countersunk screws from the top. Each trestle is assembled using mortise and tenon joinery (with floating tenons) and glued. The trestles are attached to the long stretchers using draw bolts which can be removed. When the outfeed table is

disassembled, the components include two trestles, five long stretchers, and one top. Each of these components can be moved by one person and will easily fit through even rather small doors.

The outfeed table that Ben designed and build is quite unusual owing to the design and materials used. Most shop tools are made from plywood or construction lumber using simple joinery (my outfeed table is made from 4x4 legs and 2x6 stretchers (construction lumber) had lap joinery that is glued and air-gun nailed and was completed in a week-end). Ben's project used high quality woodworking joinery (mortise and tenon) and strong metal hardware when assembly and disassembly are desired. His presentation included significant discussion about the skills of our woodworking trade including mortise and tenon joinery, draw bolt joinery, etc. My discussion emphasized the uniqueness of his design and assembly as needed to produce an outfeed table that



provides the numerous purposes he sought. Clearly, the end project provides and working table with many uses. And like many of our presentations, the morning was fun as well as educational with a bit of comedy thrown in from time to time.



Special Announcements

Bill Zerby will be conducting a free, two-day tool sharpening course at his home (4907 La Nuez Ct, SE, Rio Rancho, NM 87124) on Saturday and Sunday, April 21 & 22, between 10:00 AM and 4:00 PM.

“The sharpening class will be an all hands-on type of class with every sharpening technique I know. I will pull out every sharpening tool I have and demonstrate them. Then the students will be let loose on the equipment to sharpen the tools they have brought. I will mentor anyone with questions and help them be successful. I can teach hand planes, spoke shaves, draw knives, axes, carving tools, turning tools. Basically any edged tool for woodworking. I also teach freehand sharpening knives, including carving knives, kitchen knives, hunting knives etc. I have and use the wolverine system, Tormek system, a Graver sharpener, and a ton of different types of stones including diamond, Arkansas, Japanese etc. If you have any questions let me know.”

(And from our President, Shane Yost:) The Cutting Edge of Woodturning (and woodworking):

No, it's not quantum entanglement—it's having a sharp tool that will slice wood efficiently and safely. Bill Zerby has experimented with a variety of sharpening methods and tools. If you have a sharpening system, Bill probably has used something like it. Come to his house in Rio Rancho for a two-day workshop. Bring your tools, and also bring your camera and a notebook. Bill will show you how to put a keen edge on your tools, and you will put that edge on yourself.

This is a two-day workshop, you should plan on attending both days. If you are not a member of either NMWT or AWA, you will need to join either club.

RSVP to Bill at (505) 263-6632, or <mailto:william.zerby@gmail.com> if you plan to attend.

Beginner Workshop Tool Opportunity

Want to buy a complete set of entry level tools at an affordable price??

Retired gentleman wants to sell all his infrequently used tools as a package. Purchased circa 1970, the owner never warmed up to woodworking.....so they sat....and sat. All Sears Craftsmen brand tools but manufactured back in the “good-ole-days” before they started cheapening the process.

- 12” Bandsaw on floor stand with cast-iron table!
- 6” wide Belt Sander with 9” disc, cast iron table, with stand.
- 10” Craftsman Radial Arm saw with 1” thick particle board table.
- 9” Table Saw with cast aluminum table and metal stand.

Call the owner direct, arrange an inspection, and make him an offer!

Call: **Larry Garrison**
(505) 881-1851

Disclaimer: All the equipment has been sitting in his garage for a long time and needs to be cleaned up and tuned, but the price (?) might make it worth the effort 😊.

A request from Ben Blackwell:

Ben would like to talk to any club members that own the Incra router table system. Contact him at bblackwell13@comcast.net or call him at (505) 897-5090. 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 Gonser	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.gonser@sbcglobal.net

Alan Voda		Alan: 268-7096 or amv6775@gmail.com
Steve Wagner	Plastic casts and molds	Steve: mailto:bigjawbone@mac.com
Frank Warren	Toy design and building, and scroll saw and scroll saw projects	505-962-9212

New Members

Nick Cessac, Doug Lawson, Charles Palmer, and Marvin Roque, all of Albuquerque, joined AWA in March.

WELCOME!

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

(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:



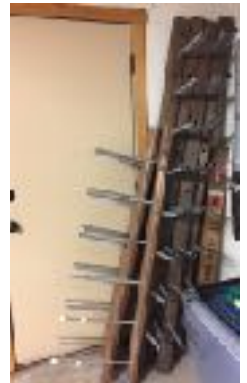
1st Qtr:	Jan - Mar meeting	Order cutoff: March
2nd Qtr:	Apr - Jun June meeting	Order cutoff:
3rd Qtr:	Jul - Sep meeting	Order cutoff: September
4th Qtr:	Oct - Dec meeting	Order cutoff: December

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

AWA Classifieds

(**Jo Kobler** has some custom made lumber racks for sale. Contact Jo at Stglassgal@gmail.com)

I have two set of four wood racks hand made for my garage. Incredibly strong. They bolt into the studs (bolts included). One set is five feet high and the second set is seven feet high. Make me an offer. Will sell sets separately. What I love about these is that they can be mounted up on the wall — not just on the floor.



Bob Rocheleau has a Craftsman 10-inch Deluxe Electronic Radial Arm Saw with cabinet base for sale for \$175.00. It's similar to this one, but with doors instead of drawers:



You can contact Bob either at robertloc@msn.com or at 505-235-9002.

Larry Lane has a set of *Woodsmith* periodicals, volumes 23 through 39 (2001-1017). There are 5 missing issues and it might be only a matter of time before there're re-discovered (23-133, 135; 29-171; 31-185; 39-234). He would like to give them to someone who'd like to have them. First come, first served, and it's an all or nothing donation. Contact Larry at ljlayne@comcast.net or txt/call 505-228-9764.

Jack Scott is downsizing and wants to sell some of his tools:

DELTA DRILL PRESS	16 ½" Model 17-900 Motor – V 115/230 HP ¾ RPM 1720 Ser. No. 9744 Rolling stand	\$400
DELTA BAND SAW	Ser. No. 89J87655 Cat. No. 28-245 Motor – Baldor Industrial V 115/230 HP 1 RPM 1725	\$350
MAKITA PLANER	2012 NB Width 12"	\$250
RYOBI TABLE SAW	Model BT 3000 10" With work stand	\$250
FREUD JOINER	Model JS 100 4" biscuit RPM 10,000 With case	\$125
PORTER CABLE ROUTER	New 2-piece set Model 890 Model 8931	\$150

Contact Jack at 898-5009 or jaklyn@msn.com

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)



Sean always felt paranoid
when in possession of a joint.

AWA SPONSORS



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

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

The logo for World of Wood features a green globe on the left. To the right of the globe, the words "World of Wood" are written in a large, cursive script. Below this, the words "WOODWORKER'S WAREHOUSE" are written in a smaller, sans-serif font.

Montana Reclaimed Lumber
<http://mtreclaimed.com/home>
PO Box 741
Gallatin Gateway, MT 59730
(406) 763-9102

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

The logo for Precision Sharpening Inc. features a circular image of a person sharpening a tool. The text "PRECISION SHARPENING INC." and "YOUR SHARPEST MOVE FOR SALES AND SERVICE" is at the top. The name "Shawn Tuttle" and his contact information are at the bottom.

BMC

Building Materials and Construction Services
Hardwoods and Plywoods

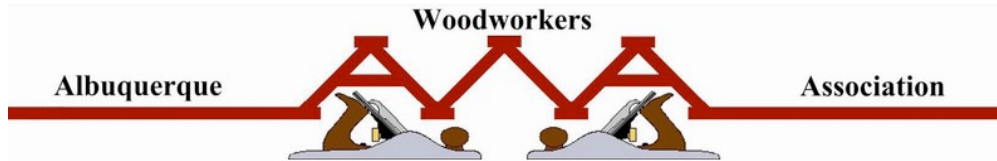
The BMC logo consists of a blue and red stylized house shape above the letters "BMC" in a bold, white, sans-serif font. Below the logo, the text "Building Materials and Construction Services" and "Hardwoods and Plywoods" is written in a smaller font.

5815 Edith Blvd NE, Albuquerque 87107
(505) 823-2200

RUGBY

Architectural Building Products

The Rugby logo features the word "RUGBY" in a large, blue, stylized font. Below it, the text "Architectural Building Products" is written in a smaller, black, sans-serif font.



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)