



# North Texas Woodworkers Association

See us at: [www.ntwa.org](http://www.ntwa.org)

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Newsletter

June 2017

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## **Welcome**

***Vice President Steve Yauch*** welcomed everyone to the June NTWA meeting.

## **Guests**

*Dominick Tirl* from Plano.

*Tony Brinlee* from Plano found out about NTWA on the Internet. He's a beginner woodworker, but is a sawyer of snakewood.

*Zack* is from Fort Worth and is a beginning woodworker. He found NTWA on the Internet.

*George & Kay Crosby* are also from Plano and used the Internet to find NTWA.

*Jim Fisher* is from Robson Ranch.

*Jason* is another Plano resident who says he's a beginner just getting back into woodworking.

## **Announcements**

Larry Maughan said that Wood World has purchased hand tools from a company that was going out of business. They are planning to have a special after-hours sale for NTWA members. Watch for the announcement.

Jeff Whitcomb has mesquite trees that are 4" in diameter you can have for free. He says they are really only good for turning.

Steve Yauch received word from Furniture Medic in Plano that they are looking for help. They also need some fret work done. Anyone interested should contact Steve.

Steve also announced that a past member is moving to Phoenix and has a complete dust collection system for sale. Again, contact Steve if interested.

Bill Bush has a young man who helps him out for \$12-\$14/hour and would like more work. Contact Bill for details.

The grand prize for the July potluck drawing will be a Bosch miter saw.

## **Shop Questions**

Steve Allen is having a problem with belt sander belts coming apart at the seam and is looking for a source for repair tape. Some suggested gluing rather than taping, but the general thought was that excessive heat was the problem.

Steve also has exotic wood for sale. Contact him at 972-800-7349.

Greg Merrell reported that Harden Cabinets in Sanger fumed his bug infested Cherry for \$600. He also said that Budget Truck Rental was cheaper than Hertz and U-Haul.

## Show & Tell



Richard Kenyon made this outfeed table for his SawStop tablesaw because he didn't like theirs. You can get the plans for this cutoff table at: <http://www.rockler.com/wordpress/wp-content/uploads/2015/05/OutfeedTable.pdf>



Jay Stearns made this box in a box from flaming box elder. He also told a great story on fire prevention!



Jim Polanco's son gave him this engraved hammer for Father's Day. Great son!



Jim has made several versions of these planter boxes and had a lot of difficulty keeping them from rotting regardless of the finish he used on

the inside. His latest version places the flower pot inside the planter box instead of dirt.



Steve Allen made this quilt rack out of Alder. It features pull out slats to make it easier to hang the quilts.



Steve Yauch made drawers to replace plastic drawers used by the home

builder. He used premium white birch plywood (\$30 for a 4 x 8 sheet) and underlayment for wood floors for the bottoms (1/8" + a bit).

**\$10 winner:** Jay Stearns

## Raffle

Jay Stearns: Rockler Bandy Clamp Set

Mike Miller: Woodcraft Homeright portable spray shelter

Gary Bobenhausen: Woodriver Classic Clock kit & Woodcraft Power Band

Jim Fisher: Making Wooden Gear Clocks book

Gary Turman: Ellipse P100 Dust Mask

Greg Merrell: Snakewood donated by Tony Brinlee

## Program

The June program was presented by Jerry Blair, a blue-ribbon winner at the state fair for his Sculpted Gears that Jerry describes as kinetic sculpture. The sculpture he brought to the meeting was a Clayton Boyer design made of Baltic birch and walnut and runs by winding a spring.

Jerry does mostly scroll work and intarsia and shared a lot of his skills and knowledge with the club.



*Jerry and his award-winning sculpture.*

Jerry emphasized that you need to take your time when laying out and cutting the gears. The placement of the shaft is critical and must be exact! He always uses a brad-point bit and a drill press to insure the hole is at the exact center and straight and perpendicular to the gear surface.

When copying or printing the diagrams, he urged caution to use a high-quality printer saying most home printers are not accurate enough.

After drilling the shaft hole, Jerry scroll saws the gear teeth, then sands

the circumference using the shaft hole as the pivot point to insure the gear is concentric with the shaft.

A trick he uses in securing the diagrams to the Baltic birch is to put blue painter's tape on the wood, then spray the diagram with adhesive and affix it to the blue painter's tape. This makes removal of the diagram after cutting a lot easier.

Jerry says to cut out the inside of the gears before cutting the teeth. This gives you "handles" to hang onto while you're cutting the teeth.





*Smooth, equal sized teeth are a must*

Although Jerry says he usually cuts his gears one-at-a-time, he doesn't see why you can't stack them and cut multiples – as long as they aren't too thick which may throw off the scroll sawing.

Another trick Jerry uses is in assembly. He says when you assemble two gears, blow on the larger one to insure they turn freely. If not, tune the gears by sanding.

Do not put finish on the gears! Use stainless steel for the shafts and use graphite on them.

Always use Baltic birch or apple plywood for the gears. You don't want any voids in the wood. You can use any wood you want for the stand.

The spring is a constant force spring and is a bit expensive at \$40.00. You can also make your sculpture run by weights instead of a spring.

Jerry spends about 40-50 hours building his sculptures.

A good resource for projects is David Roy although Roy does not sell plans.

Jerry uses him for inspiration. Roy's website is: [www.woodthatworks.com](http://www.woodthatworks.com).

Jerry says you can contact him with any questions at:  
[dedijerry@sbcglobal.net](mailto:dedijerry@sbcglobal.net).

## Potluck next week!

The grand prize for the potluck will be a Bosch CM10GD 10-Inch Dual Bevel Glide Miter Saw.

But don't fret if you don't win it! Secondary prizes are:

A Kreg Mobile Project *Center* with a folding 27" X 31" top work surface designed to hold bench clamps, bench dogs, tracks for sliding clamps.

A Finishing Sprayer made by Earlex for Rockler that sprays anything from lacquer to un-thinned latex.

**Next meeting: Tuesday,**

**July 18<sup>th</sup> 7:00 pm**

**Party Barn.**

**Potluck!**

**Bring your Show & Tell**

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