



# North Texas Woodworkers Association

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

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Volume 31, Number 6

Newsletter

June 2022

## **Welcome**

**President Jay Stearns** welcomed everyone and said he loves coming to the meetings because he always learns something. He reminded everyone that the July meeting will be the potluck where everyone brings sides and desserts. Watch for the sign-up sheet that will come out about a week before the potluck. He said that whoever brings the peanut brittle please bring a lot of extra and double up on the deviled eggs..... The club will do brisket and turkey. Don't forget to invite your spouse or significant other.

Jay said for those who are new to the potlucks you have to be present to win any of the prizes plus you have to be a paid-up member.

Bodie Pyndus suggested it is time to do another build challenge. He suggested that it be on using laminations. It was decided to do it for the August meeting and it has to be something made within the last six months.

State Fair entries must be in by August 5<sup>th</sup>. Entry fees are only \$5.00 per entry.

Tonight's program will be Dr. Bruce Staats who will talk about the inherent dangers of wood dust in the shop.

Gary Turman, raffle prize procurer, reviewed tonight's raffle prizes.

## **Guests**

*Sid Lebron* came as a guest of Jim Polanco.

*Richard Coker* is a carpenter by trade. He does pen turning, cabinets and bookcases.

*Glenn Vargas* says he just moved back to the Dallas area and is a custom cabinet maker. He's trying to figure out how to not have to work for someone, just himself. He discovered NTWA on the Internet.

*Rob Gaudsmith* came as a guest of Bodie Pyndus. He is relatively new to woodworking and likes serving boards. His favorite wood is cherry.

*Nils Senvalds* came as a guest of Chris Kersey. He is just getting back into woodworking and prefers oak.

## **Shop Questions**

Jack Webb is looking for someone who has a 4' x 8' CNC to do some work for him. Dallas Makerspace was the overwhelming suggestion.

Kelly Geer is looking for someone who can make Frank Lloyd Wright barrel chairs.



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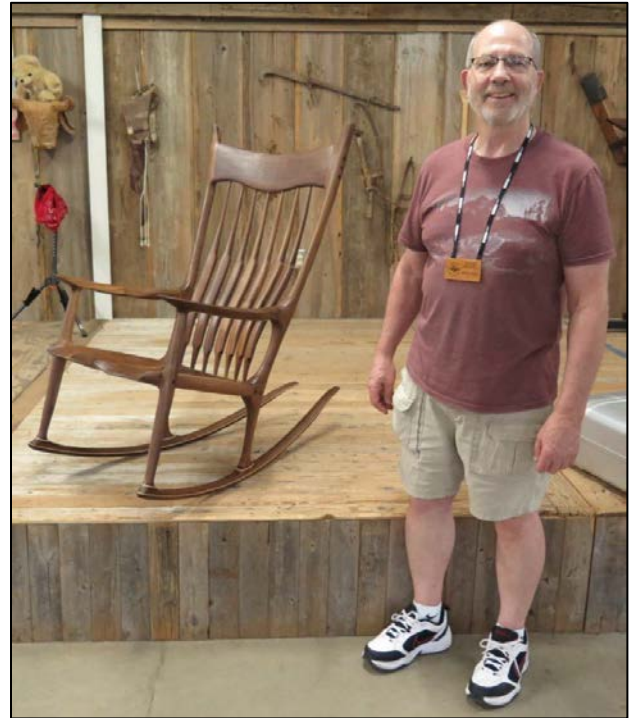
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## **Product Review**

Gary Turman reviewed a new diamond plate made by UltraSharp, a new player in the diamond plate business. The plate is flat to within .001" and are available in grits from 300 to 3000 and cost roughly \$50 which is half of most other plates.

He also reviewed a tool Bodie Pyndus made him aware of, the Dorobeen compressed air duster. It is a cordless, rechargeable duster that generates no heat. It was developed for computer keyboards but you can use it in the shop without having to crank up the big compressor. Here's a link to Bodie's YouTube channel review: <https://youtu.be/Unv0Aw8qLeg>

## **Show & Tell**



Joe Polich made his Sam Maloof style sculpted rocking chair out of walnut with maple stripe in the sleds and risers.

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Jay Stearns made this "Texas" themed piece for the Texas State Fair to use in promoting the different facets of the fair.



Jeff Austin made a gray water feature for his wine cellar to increase the humidity. Because it splashes around a lot he had to use a glass top. He used mahogany stained with a medium mahogany dye followed with a General Finishes black cherry stain.



Steve Yauch turned these two bowls from blanks that had been sitting in his shop for 4-5 years. They will be donated to the Tarrant County Empty Bowls program to fund the food bank. The one on the left is natural edge walnut and the one on the right is mesquite.





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Brian O'Donnell made this helping hand support stand. It is fully adjustable to fit his table saw and bandsaw. The base is hinged so it can hang flat on the wall.



Roger McDaniel made this cell phone amplifier out of maple and maple.

Note the cell phone placed in the upper right corner.



Ed Haluska made this bandsaw box from reprocessed laminated cabinets from neighborhood remodel projects. Ed says he drew his inspiration from club president Jay and so he had to include hidden drawers!



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Britt Baumel made his first bandsaw box out of walnut and John Loftis cutoffs using the saw he got from Jay. Says he made a lot of mistakes but learned a lot about using the bandsaw and maintaining it. He rounded the edges using his router.



Jack Webb shows off his trauma kit that he keeps in his shop for any emergencies. It includes the standard bandages plus blood clotting powder, a finger tourniquet, and videos on how to treat various injuries. It's portable so you can carry it in your vehicle and move it to the shop when you're working there.





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Kelly Geer of Urban Tree Merchants has a parttime metal worker to do table bases. He had a customer who wanted custom end tables using a metal base and slabs for the top. The cracks have been filled with epoxy and sanded smooth then sealed with oil.



Steve Rogers has been building Beads of Courage boxes for some time and says he's always had difficulty keeping them square making the lids fit only one way. He would incorporate a feature such as a cross that would make the lid only fit the right way. On this box he challenged himself to make it square so the lid would fit in any orientation, and he was successful! This beautiful box is made of walnut.



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There were two drawing for Show and Tell, **Joe Polich** and **Kelly Geer** both won \$10.

## **Raffle**

Roger McDaniel: an S Satc two sided diamond – 400/1000 grits

Jack Webb: a bundle of Jewboer plates – one that is 150/600 and one 3000 grit laminated to a piece of bowling alley lane

Bill Jacobs: a Kinex 4 x 6 flat machinist square accurate to within .0003"

Chris Bell: Viking chatterless countersink

Jim Polanco: Uvex goggles with MSA filters from Larry's estate

Gary Turman: a blue tray with a mat from Larry's estate

Brian O'Donnell: Oxalic Acid Wood Bleach donated by Kevin Pilgrim

Eric Roberts: Black Rifle Coffee donated by Kevin Pilgrim

Bodie Pyndus: 2' x 2' crotch mahogany panel donated by Jay Stearns

Charlie Barnes: leather honing strop with green and white polishing compound

John Brooks: DMD diamond plate or waterstone holder

Jay Stearns: antique wooden hand plane donated by Dan Nilius

## **Program**

Dr. Bruce Staats presented the program on wood dust and your lungs. Dr. Staats is a pulmonologist whose career has been spent with patients with lung diseases. Because of his training and practice, Dr. Staats has always had an interest in protecting his lungs from wood dust.

He walked us through the anatomy of the body and how it protects the lungs with built-in filtering through the nose, but when you breath through your mouth, you're inhaling dust directly into your lungs.

He said 5-25% of adults develop asthma due to dust from a variety of sources, chemical fumes and even some animals. Genetics can play a part in your susceptibility. Wood dust can also cause conjunctivitis in the eyes, skin rashes and of course lung issues.



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Sanding, sweeping, sawing, cutting, routing and turning are the main sources of dust in our shops. The size of the dust particles play an important role in exposure.

In general, softwoods generate more dust than hardwoods and MDF generates fairly small particles. Larger particles generated by coarse sanding generally fall harmlessly to the floor and are 100 microns or greater. Fine sanding can create dust as small as 5 microns or less. It is these small particles that can go deeply into the lungs and may be a major health concern.

Dr. Staats says the best way to control dust intake is using a mask and recommends the 3M #2091 mask which has HEPA filtration and stops 99.9% of .3 microns and larger. This mask is about \$17 on Amazon and replacement filters are as low as \$9/pair.

Other ways to control dust are:

1. Overhead air filter
2. Shop vacuum
3. Single stage or two stage collector (older bags are 10 micron; new are 1 micron)

#### 4. Cyclone collector with a HEPA filter is best

Some woods are more toxic than others with the lighter colored woods generally the least toxic. Rosewood and sandalwood are among the worst as is cocobolo. Surprisingly, ebony is near the bottom.

In summary, Dr. Staats says these are the woods of most concern:

Aromatic cedar  
Western red cedar  
Cocobolo  
Ironwood  
Spalted maple  
Brazilian rosewood  
Satinwood  
Teak  
Wenge  
Pacific yew

He also provided these references:

- [rockler.com/how-to/dealing-fine-wood-dust](http://rockler.com/how-to/dealing-fine-wood-dust)
- [deckwise.com/wood-allergies-and-toxicity](http://deckwise.com/wood-allergies-and-toxicity)
- [https://hardwoodfloorsmag.com/2020/06/01/wood-species-toxicity/](http://hardwoodfloorsmag.com/2020/06/01/wood-species-toxicity/)





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President Jay Stearns closed the meeting by reminding everyone that the July 19th meeting will be a potluck. There will be no program, but we will do Show & Tell to show off to all the families. Watch for the email about a week before with the signup for the sides and desserts.



**Next club meeting:**

**Tues., July 19<sup>th</sup>**

**7:00 pm at the Party**

**Barn**

**5948 McKamy Trail**

**Plano, TX 75024**

**Potluck!**

**Bring your Show  
& Tell**

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Photos by: Jay Stearns