

Welcome

President Jay Stearns welcomed everyone to the January meeting and regaled the members with tall tales of his beloved North Dakota State University Bison. Much like Jay and the Texas State Fair, the Bison again walked away with a national championship, their 3rd in a row!



Announcements

Bodie Pyndus mentioned that his church is setting up a wood shop and is in need of the following:

Router & lift

Bandsaw

Drum Sander

The church is willing to pay for the items but would readily accept any donations.

Dale Smith talked about the carver's show coming up in March in Grapevine. The club is planning to participate once again.

Jay Weinstein said he was grateful for the response to his request for help with his bandsaw and wanted to

especially thank Jim Polanco for driving all the way from Fort Worth to Dallas to get his saw working perfectly.

Jim Cadorette brought in magazines free for the taking.

Dale Smith brought in free ¾" plywood.

Shop Questions

Jay Stearns has a segmented lid with a failing lacquer finish and was wondering what he could use to remove the old lacquer without affecting the glue joints. Steve Jenkins said lacquer thinner would work and wouldn't affect the glue.

Jay Stearns was also asking for suggestions on how to store his buffing system from the ceiling of his garage when it wasn't being used. The motor is 30# and it is mounted on a 4' x 2' piece of plywood. Suggestions included using a pulley system like those used for bicycles; Bodie Pyndus has plans for a murphy bed type system that works with a small tablesaw.

Guests

Neal Pappion came at the suggestion of member Steve Yauch. Neal runs the Plano Maker Space. He says it is a small shop, but they do two classes a week. They have a small budget but are growing. His favorite wood is walnut, but any free wood is a close second.

Clayton Armstrong is member Nello Armstrong's son. Clayton does fine art sculpture as well as furniture. He likes to work with native woods.

Royce Davidson heard about NTWA through the Plano Woodcraft store. He just started turning two months ago. Ambrosia maple, black walnut and padauk are his favorite woods.

Jack Burgess retired in 2009 and likes to make small projects, especially toys, due to his small space. His favorite wood is red cedar.

Show & Tell



Steve Yauch used PVC fittings to adapt to his vacuum hose. A heat gun was used to expand and shrink the fittings to fit his hose.



Dale Smith's grandson wanted a coffee table whose top could lift to different heights for various tasks while watching TV. The hinges are readily available from most woodworking supply stores for about \$25 for the pair.



Jim Cadorette bought a new laptop and of course most new ones don't come with a DVD/CD drive so Jim made this box from curly maple and bocote for the base for an external drive. The DVD stands on end to take up little space.



Royce Davidson made this hand plane and hammer from padauk. They are from a Krenov design.



Bill Jacobs made this cross from bloodwood.



Jay Stearns made this box from padauk and quilted maple. The bottom of the inside of the box is a mirror image of the top.

And the winner of the \$10 Show & Tell drawing was **Royce Davidson**.

Raffle

Bodie Pyndus: Irwin Quick-Grip 8-piece clamp set

Britt Bauml: Bosch T5002 10-piece Jigsaw blade set

Gary Turman: Kobalt heavy duty shears

Jay Stearns: Products Engineering 7105-266 double square (donated by Elaine Turman)

Program

The January program was "Jigs & Fixtures." Members were encouraged to bring in their homemade jigs and fixtures to share with their fellow members. Jigs covered the tables at the front of the room!



Jay Stearns first jig was for steam bending. The piece to be bent is wrapped around the jig and held in position with clamps through the holes in the jig.

Jay's second jig was a box joint jig.



Each rotation of the gear = 2 kerfs of his blade. Jay has different gears for different blades.



Bodie Pyndus made this Philip Morley jig for routing mortises. The work

piece is held in place with Micro Jig clamps that fit a dovetail groove.

Bodie also brought in a thin strip jig for the tablesaw and shooting board for accurately cutting 90° and 45° angles.

Bill Moore brought in a gluing jig for thin panels (sorry Bill, I can't seem to find a picture).

Chris Kersey showed off several jigs he uses in his shop:
First, he showed off a screw clamp he has modified to hold pen blanks perpendicular in his drill press to drill them on center.



The next jig is on the left in the picture above. It is a cross-cut sled for cutting 90° and 45° angles on the tablesaw. He also showed off his spine cutting jig for picture frames and boxes, a bandsaw sled he uses mostly for pen blanks and finally a table jig for the lathe to use for disc sanding (above right).

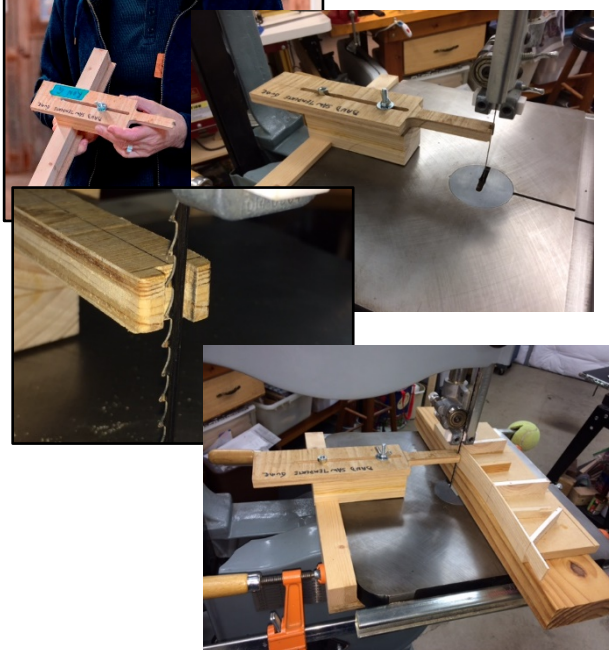
Ron Giordano made this jig to drill pen blanks on center.



He buys drafting triangles and glues them together to use as setup gauges for his tablesaw.



And lastly, he showed off his pattern cutting jig for the bandsaw.



These pictures show the jig in use in Ron's shop.

Jay Weinstein made this bowl clamping jig for his lathe.



The "bumpers" adjust to the size of the bowl blank by loosening the wing nuts on the back and rotating the rings of plywood. The slots allow the bumpers to move at the same rate.

Jerry Murawski made this track saw guide for a Wen circular saw that has a dado groove on the bottom of the plate. The jig is made of Baltic birch plywood and 1/4" MDF.



He also showed off his tenon jig and a kerf fitting jig used to cut "perfect" grooves, dados, and slots using a standard table saw blade – i.e. no need to use a dado blade. It is the

perfect jig when making cross lap joints. The one Jerry showed is similar to the kerf maker in the following YouTube video:

<https://www.youtube.com/watch?v=fNZWILPwOHI&t=340s>

Gary Turman's jigs brought out the machinist in him.



His first was a hinge mortising jig that is used with a palm router to accurately place door hinges.



Gary's second jig was a drill guide that uses "drill bushings" which are hardened steel that stay accurate through many uses. Drill bushings are available from a variety of industrial supply houses.



Michael Bosley uses mostly hand tools and bench hooks come in real handy. His simple bench hooks have a 1/4" stop and a 1/2" hook made of a

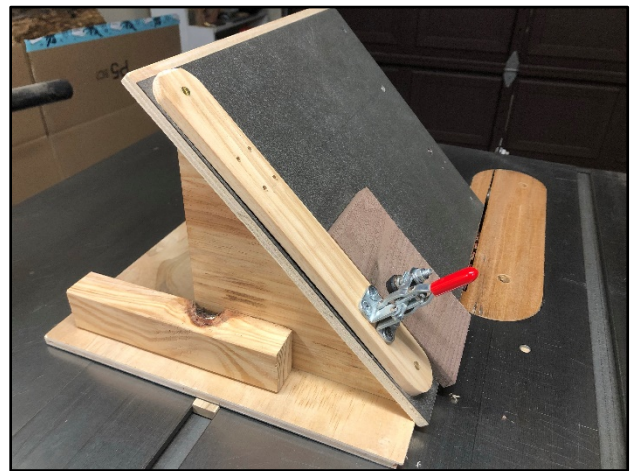
scrap of 3/4" plywood and some poplar pieces. The hook and stop are fastened with brass screws to not damage any tools that may (and have) come in contact with it. The hook drops over the front or back of the benchtop depending on the direction of his cut.



Michael uses holdfasts (fixture) by Gramercy Tools, which is used to hold a piece of work in place. The bench top (or other surface) has a 3/4" hole drilled in it. When the holdfast is hammered down, it wedges itself into the hole via spring action and holds a work piece firmly in place. To remove

the holdfast, tap it on the bottom or back of the hold fast and it releases from the surface.

And lastly, Michael made this 45° table saw sled which he uses to hold a piece of wood at a 45-degree angle for miter cuts on a table saw.



Ed Mastin made this cool circle cutting jig for his bandsaw that uses two-faced tape to hold the workpiece to the jig. This eliminates the need to drill a hole in the center of your workpiece.



The jig extends past the open side of the table and uses a runner on the bottom to match the miter groove in the bandsaw table.



Bill Jacobs made this jig for safely cutting thin strips on his tablesaw.



Steve Allen made this jig for sharpening his lathe turning tools on his bench grinder.

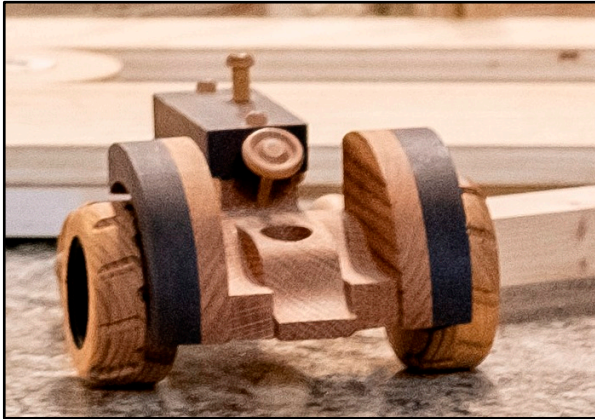
A second jig he brought in is used for setting stops on his tablesaw for stopped dados.



Jeff Austin made this jig to quickly and accurately set his trac saw to 90°.



If you know one thing about Steve Yauch, you know he goes all out in accuracy and reality. His toy tractors are a good example. He didn't want just plain rear tires, so he came up with jig to route angled grooves just like real tractor tires.



Sidney Futrell is another member who loves using hand tools. He has made several saw vise jigs for sharpening his saws. The jigs are simple slotted boards that crimp the blade to hold it while sharpening.



Nello Armstrong is more than a notch or two above average height which creates issues when he works at standard height benches, so he made this auxiliary table to raise his work to a comfortable height.



North Texas Woodworkers Association

See us at: www.ntwa.org

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Newsletter

January 2020

February Program

Kangaroo Cases

The presentation will cover:

Who is Kangaroo Cases, their back story/history, how they got started, where Kangaroo Cases is based, etc.

They will talk about their manufacturing operation, equipment, size of workforce and NC equipment including a description of their manufacturing process, start to finish, design, pricing and customer specifications.

They make a variety of different types of cases from custom to standard and will cover the case components, i.e. types of wood panels, different exterior finishes, hinges, metal components, foam insert, wheels, etc.

And finally they'll talk about typical customers, special applications, industries served and the challenges they face.

For more information see:

<http://www.kangarookases.com/>

Dale Smith, NTWA Program Coordinator

March is Build a Birdhouse month!

The club will embark on another competitive Build Project. The theme for this project is "Build a Bird House". Completed Bird houses will be presented and judged at the Match 17, 2020 meeting. Bird Houses

should not exceed 24" high by 24" wide and 24" deep.

Judging: Upon arrivals, entries will be assigned a number and then placed in a common area for viewing. During the break members will judge entries based on complexity/ uniqueness, originality/creativity and craftsmanship. Each category could receive a score between 1 to 5, allowing a maximum total score of 15. After judging members will present and discuss their entry. Cash prizes will be awarded for the top three.

Next club meeting:

Tues., Feb. 18th

7:00 pm at the

Party Barn

Program is:

Kangaroo Cases

See February Program to the left.

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