



TWA Newsletter

Next Meeting: Tuesday, March 15, 7:00 pm

Location: Zoom videoconference; use the link, meeting ID and passcode below to join.

[https://us02web.zoom.us/j/89359155852?
pwd=b3hXYTVNYXBJeXhSOUJmYi9LQ09tdzo9](https://us02web.zoom.us/j/89359155852?pwd=b3hXYTVNYXBJeXhSOUJmYi9LQ09tdzo9)

Meeting ID: 893 5915 5852

Passcode: 780241

Note: there is NO in-person Klingspor option for this meeting.

Speaker: Bob Gabor and Jean Thomas

Topic: Build a Charcuterie Board using Woven Techniques

Please join us on Zoom, where Bob and Jean will demonstrate how they produce beautiful and unusual Charcuterie Boards using their woven techniques. They'll take you step-by-step through the entire process including lumber selection, designing and gluing up decorative components, the initial glue-ups and the 2 weaving operations and glue-ups. They'll conclude with adding a few decorative features, routing the edges, sanding, and the application of the first of several coats of the mineral oil finish. The presentation will be interactive so that you'll be able to get instant answers to any questions that you might have. Below is a photo of one of their typical boards.

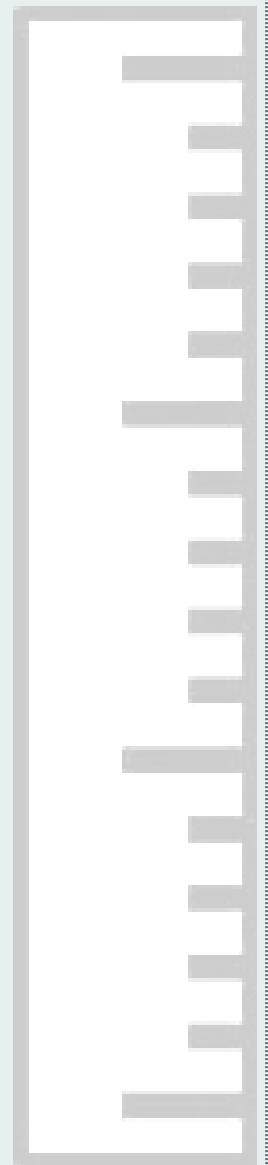
Bob has been a woodworker for most of his life and a TWA member for more than 30 years.

Jean, a multi-media artist, began woodworking shortly after the couple met about 2 years ago. Together they have built several pieces of furniture for the home they share near Pittsboro. All the pieces are original designs they collaborated on.



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TWA GENERAL MEMBERSHIP MEETING—FEBRUARY 15, 2022

(meeting minutes: James Sapp)

Roy Brookhart opened the general meeting held using Zoom. Twenty-three members attended. One new member, Kerry Schoolfield, was present. The meeting was recorded and is available on the TWA website.

Speakers for the March meeting will be TWA members, Bob Gabor and Jean Thomas. They will demonstrate how they produce beautiful and unusual Charcuterie Boards using their woven techniques. They'll take you step-by-step through the entire process including lumber selection, designing and gluing up decorative components, the initial glue-ups and the 3 weaving operations and glue-ups. They'll conclude with adding a few decorative features, routing the edges, sanding, and the application of the first of several coats of the mineral oil finish. The presentation will be

interactive so that you'll be able to get instant answers to any questions that you might have.

Arrangements are underway to have Garret Hack do the April meeting. Both March and April meetings will be on Zoom. Members are encouraged to volunteer to be speakers at future meetings. Please let Roy know of your willingness to help in this important function of the club.

The family of Leon Harkins is having a Celebration of Life on March 13th at NC State. Members will receive an invitation via email from the TWA Webmaster.

Fred Ford indicated that the previous year's Toys for Tots workshop members will compose this year's workers. The Hardwood Store has some pine board material. Call Fred if you are interested.

PRESIDENT'S MESSAGE

It's springtime in my shop! I know that I am a bit early with this but I just couldn't help myself.

In spite of gloomy things like COVID, the cold weather, and the daily news, lately, I have been in the shop nearly every day cleaning, cutting, rearranging, updating, and dreaming. I have welcomed a new track saw and a new drum sander and enjoy them quite a lot. I am finishing projects that I started and then pushed aside. I am having lots of fun.

I'm sure that I am not the only one working overtime in the shop. How about sharing some of your projects with the group? Send a picture and a brief description to the webmaster and let's get those projects posted on the club's website. I can't wait to see what you have been working on.

Regards,

Roy Brookhart

MEMBERSHIP COMMITTEE

TWA is happy to welcome the following new members:

- Rodney Bracken
- Leon McMahan

Please welcome Rodney and Leon in person or online when you see them.

Who are **you** going to invite to the next TWA meeting?

Barton Meeks, Membership Committee

TWA GENERAL MEMBERSHIP MEETING — FEBRUARY 15, 2022

SKETCHUP IN THE WORKSHOP, PART 2 — MICHAEL PEELE

(meeting minutes: James Sapp)

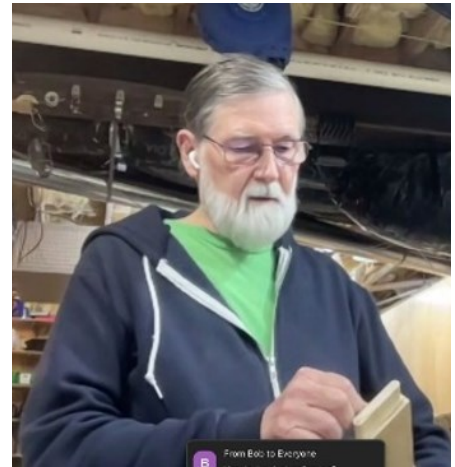
The February meeting presentation was given by club member Michael Peele. Following up the January meeting using SketchUp in the workshop, Michael presented his experience with CAD programs, both SketchUp and Fusion 360, their application in design and use with the Shaper Origin, a new and novel handheld CNC router.

Michael described the Shaper

Origin as the world's best template router because the templates are built into it through the download of CAD output. The Shaper origin was developed about 7 years ago and became available on the market in the 2016-2018 timeframe. The router is a Festool router with brains. Eventually, Festool purchased the Shaper Origin company and it is now part of the Festool family of products. Michael

purchased his Shaper Origin in 2020 because it fits the way he works and enables him to do more than he could in the past with previous routers and templates.

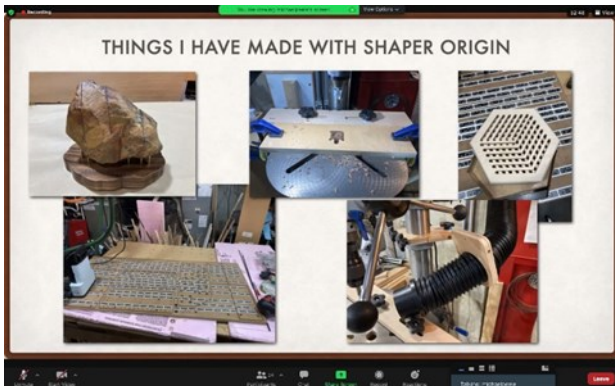
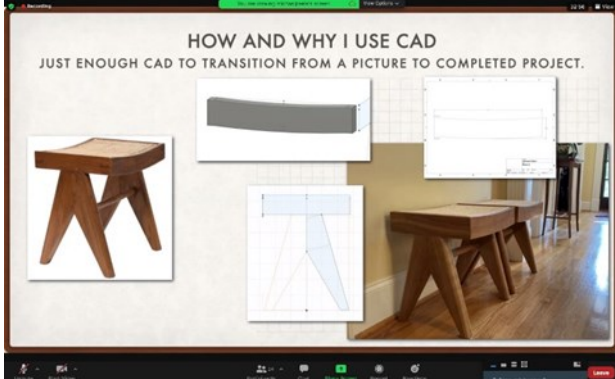
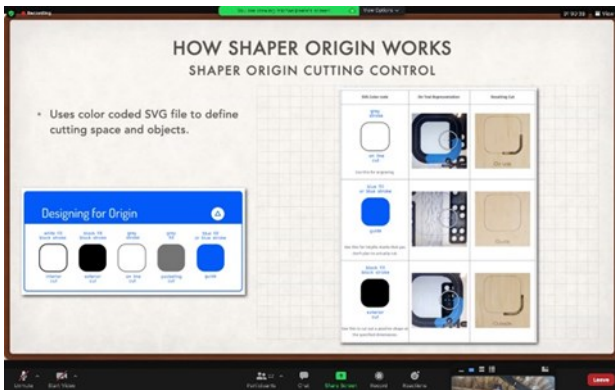
Michael explained that he uses CAD as a planning tool and to design enough of what he needs to complete a project. He doesn't use CAD to generate a complete set of plans. Michael showed how he has used CAD (Fusion 360) to design a unique footstool project and a floating top plant stand with curved legs and stretchers. To consider whether to utilize CAD, Michael considers several factors: it's cost in time and money, it's end use to draw vs. to make something, it's alignment with the user's prior



knowledge and experience, and what results are desired from it, i.e. drawing or code for CNC devices. In evaluating a CAD system, Michael looks at the user interface, the design navigation, the file types it can import and export, the tool sets for 2D, 3D, virtual reality analysis and animation, design rendering, CAM capabilities, such as 2 axis, 3 axis, 4 axis, laser and turning 3D printing, and the premium in cost to get the full capability of the CAD program.

The presentation moved onto a demonstration of the Shaper Origin. Michael showed some of the items he has made with the machine. Michael then went over the basics of how the Shaper Origin works and how it is used to rout the desired shape. Using the example table from January's SketchUp presentation, Michael used the Shaper Origin to cut a tenon on the table rail and the corresponding mortise in the table leg. Be sure to watch the entire presentation on the TWA website to learn about the details of this process.

Much thanks go to Michael for his in-depth and very interesting presentation.



Michael has completed some nice projects with his methods (photos: Mark Firley)

UPCOMING MEETING

Meeting Topic: Furniture Design and Construction

Date: Tuesday, April 19

Speakers: Garrett Hack

Please join us on Zoom, where Garrett Hack will present for our April meeting. Garrett is a talented and personable teacher who has joined us a few times in person in the past. This will be his first virtual meeting with us.

Garrett crafts furniture of unique design and great craftsmanship. Fundamental to Garrett's work are hand tools, for the polish of surfaces they cut and the subtle variations possible working by hand and eye rather than machine. His presentation will touch on design, construction choices, and decorative additions to his furniture.

TREASURER'S REPORT (JANUARY)

Beginning Balance: \$9,860.06

Income: \$170.00

Expense: \$12.13

Ending Balance: \$10,017.93

Does not include Petty Cash of \$86.00

Submitted by Jack Kite, Treasurer

NEWSLETTER CONTRIBUTIONS

Please send newsletter content for future newsletters to Fred Ford (fredford22@gmail.com) and Karin Pihel (karin.pihel@gmail.com).

Contributions for each newsletter are due by the last day of the previous month.

MENTORS

Mentor	Service/Skill Offered	Phone Number	Email Address
Hugh Fish	Chairs, Joinery, Machinery & Power Tools, Mantles, Routers, Tables and TV Cabinets, Turning	(919) 467-5696	hughpatfish@yahoo.com
John Margeson	Baby Furniture, Beds, Bookcase, Chairs, Chest, Decks, Tables	(919) 876-3476	jmalice@bellsouth.net
Mike Resar	Baby furniture, Beds, Bookcase, Cabinets, Chest, Drafting, Dressers, Tables, TV Cabinets	(919) 876-1664	atwaterla@ncleg.net
Allen Campbell	Simple inlay, Staining/dyeing, Pen turning, Cabriole legs	(919) 772-4551	aacjr@nc.rr.com
Cecil Raynor	Joinery, Finishing, Tables, Chairs	(919) 815-9155	cecil_raynor@yahoo.com
Amy Dowden James Sapp	Google SketchUp	(919) 932-6252 (919) 586-7280	amydowden1@gmail.com james.b.sapp@gmail.com
Ken Serdar	CNC woodworking		ken.serdar@gmail.com

BOARD AND COMMITTEE MEMBERS

POSITION

President
Vice President
Secretary
Treasurer
At Large Board Member
At-Large Board Member
At-Large Board Member

BOARD MEMBER

Roy Brookhart
Mark Firley
James Sapp
Jack Kite
Chris Gebhardt
Dick Raup
Joe Sabo

COMMITTEE

Program Committee

Toys-for-Tots Committee

Nominating Committee
Newsletter Publications Committee
Library Committee
Publicity Committee
Sponsor Committee
Internet
Mentor Committee
Membership Committee
Audio/Visual Committee
Photographer
Social Media
Raffle Committee
TWA Duties and Responsibilities Editor

CHAIRPERSON / MEMBERS

Mark Firley / Judy Sanwald, Fred Ford, Terry Tenhouse, Allen Campbell, Jeff Leimberger, Terry Brown, Hal Brown, Mike Payst, Bob Nauman, Bob Andrews, Jerry Rhoades
Fred Ford / Cecil Raynor, Pete Hodges, Bob Gabor, Terry Tenhouse, Hugh Fish and Judy Sanwald, Jim Rhodes, Mark Firley, Les Hall, Joe Sabo, Alex Knittel, Bill Burton, Bob Guenther; Bob Andrews, Ken Serdar, Roy Brookhart, Tom Hegele
to be filled in early 2022
Karin Pihel / Fred Ford
Jerry Rhoades
Roy Brookhart
OPEN
Paul Holzworth
Allen Campbell
Barton Meeks / Judy Sanwald, Paul Holzworth, Sue Bunch
Tom Revelle / Leon Abbas, James Chamberlain
Mark Firley
Chris Gebhardt
Mike Payst
Fred Ford

TWA SPONSORS

Ashcroft Saws and Tools

919-876-3223

3125 Gresham Lake Rd. Unit 116

Raleigh, NC 27615

www.ashcroftsaw.com

25% off list on blades and 10% off on sharpening

Capitol City Lumber Co.

919-832-6492

4216 Beryl Rd.

Raleigh, NC

1-800-244-6492

www.capitolcitylumber.com

Special prices to TWA members

The Hardwood Store

1-888-445-7335

Gibsonville, NC

1-888-445-7335

www.hardwoodstore.com

Discount: 10 cents per board foot

Keglers Woodworks LLC

919-608-7220

330 Dupont Circle

Raleigh NC 27603

mkeglers@earthlink.net

Klingspor's Woodworking Shop

919-876-0707

MacGregor Village Shopping Center

107 Edinburgh S Dr. Suite 151, Cary NC

(Exit 98B off of US 1)

www.woodworkingshop.com

10% discount excluding lumber and power tools

Tarheel Wood Treating Co.

919-467-9176

10309 Chapel Hill Rd. (Highway 54)

Morrisville, NC 27560

www.tarheelwoodtreating.com

Contractor's prices on all wood products

TWA card before order is written

Woodcraft

919-781-1911 Fax: 919-781-1980

4317 Pleasant Valley Rd.

Raleigh, NC 27612

raleighwoodcraft@bellsouth.net

<http://www.woodcraft.com>

\$25 gift certificate at each TWA meeting for the raffle

Wurth Wood Group

919-231-6620

4213 Poole Rd. (Exit 15 off I-440)

Raleigh, NC 27610

www.wurthwoodgroup.com