
TWA NEWSLETTER

Next Meeting - Tuesday, February 16th, 7:00 PM
Klingspor Store, Capital Blvd, Raleigh, NC

Thinking Outside the Can

Speaker: Jay Cash
Host: Fred Ford

No matter how good you are at finishing I am sure you will leave this meeting with an even better understanding of the finishing process. More details on Page 6.



Table of Contents

President's Message	2
General Meeting Minutes - 1/19/2016	2
Membership & Welfare	5
TWA Treasurer's Report	5
Future Program Schedule & Descriptions	5
Woodworking in the Eighteenth Century	8
Current Board and Committees Members	8
Mentors	10
TWA Sponsors	11

President's Message

This month we will hold an auction for a recently donated Grizzly Dust Collector (2 HP, 220 VAC) that is in excellent condition. Pictures will be provided at the next meeting. Minimum bid will start at \$100. Delivery could be included. Reminder, all funds from the auction are used to purchase supplies for our Toys-for-Tots project.

PLEASE, PLEASE replace Bellsouth.net with att.net on my email address in your address book.

Sincerely,
Pete Bucki

General Meeting Minutes - 1/19/2016

Pete Bucki, our acting president, opened the meeting. He invited our guests to introduce themselves. Scroll saw users Lee Williston and her friend Ed were with us. Also, with us was Herb Terbille, from Durham, who is an accomplished boat builder and friend of George Mills.

We welcomed a new member, Pat Herron.



Show and tell - Our first exhibits were scroll saw silhouettes that were back lit with an LED flashlight-from our new member, Pat! He advised searching out unique silhouettes on E-Bay. He has had luck screening antique postcards. Bob Allen built a mirror frame off the Lowe's project plans. It was very handsome. He mentioned knowing a furniture repair man in Durham who has some material from the Queen Mary, including a small toy, and looking for a 'toymaker' to make a replica, if anyone has any interest.



Future Program Schedule - Roger Sanwald was up next with program notes:

- Next month, Jay Cash will be here.
- In March, Chris Black, a "joiner" will present. He is a maker of hand tools that are sold through Highland Hardware. His topic will be "Resawing on the Bandsaw" and he will talk about making a marking gauge. One of the tools in his chest is: **A mirror** - one must look presentable. It is the King's (cabinetmaking) trade after all.
- Our April get together will be a joint meeting at the Craft Center with NCSU, **Note it will be on a Monday night.** Should be exciting.

Announcements - Fred Ford briefly mentioned how well the Toys for Tots meeting went in December. The 12 workshops worked out great. We had a head count of 70 people (20 of whom were non- members) working on projects. It was a good year! We made the tree plaque presentation as well, to the Hardware Store of North Carolina in Gibsonville, in thanks for all the wood they gave us for the T4T projects! It is an impressive site to see all the toys piled up in one location.

The Durant family sent a thank you note to us for our contribution to them a couple of months ago.

Pete Bucki told us someone has a radial arm saw with a 12 inch blade for sale. Talk to Pete about it. It's in Durham.

We have been contacted by a local Del Webb Community resident interested in setting up some kind of woodworking group at the retirement home. Pete will contact them.

Pete received a proposal from SearStone (brought to us by Alex Knittle, a resident and member of TWA), who would like us to hold the June and December Toys-for-Tots meetings at their banquet facilities. In June, they would provide a free buffet for us. In December, they would cater the meal at a cost of \$10-1\$15 per person, with the stipulation that our members not bring any food. (We have previously paid approximately \$100 for the room at the Apex Community Center.)

Evening's Program - We then proceeded to the program topic, scroll sawing. Fred Ford introduced Scott Miller, a former member, who moved from Raleigh to nearly the Virginia line. He lives "on the lake" and out of the rat race.



Scott stated you can do almost anything on a scroll saw, which has a blade only 5 inches long! At the start of the presentation Scott emphasized safety first. The scrollers joke is "he cut his finger off, but had to change the blade 3 times first." The biggest health hazard with this work is the SAWDUST. You need to protect your lungs from some very fine particles. Fortunately, most blades cut on the down stroke, so the dust settles. This is tough on people with respiratory problems.

Scott provided a preferred equipment (saw) list:

- **Hegner** (best, German) \$1500
- **Hawk** (USA) \$1000
- **Excaliber** \$750
- **DeWalt** (Now made in China. Old Type 1's are better) None now on DeWalt.com \$500
- **Delta** made an inferior clone of the DeWalt \$400
- Stay away from other brands.

Saw types are either top or bottom feeders, sort of like fish, and come with a fixed or variable speed. The feed refers to how you thread the blade. You definitely want variable speed. Scott (=experience) mainly uses the top speed to cut unless the wood is fragile.

Saw set up and tuning - blade orientation, should be 90 degrees. Use a machinists square or a credit card.

PM or care of the flat work surface (you want the work to slide, PM must mean periodic maintenance here, not post mortem) care depends on the number of hours you use your saw. (He uses synthetic marine grease as a lubricant).

Storing - Leave the blade on but release the tension
DO NOT LIFT, CARRY OR MOVE THE SAW BY THE ARM!

Get a foot switch, too, so you don't wear out the machine's switch.

Blades

- Pin end (no longer used as much)
- Plain End

Blade styles

- Reverse tooth so the bottom teeth cut on the upstroke (to avoid tear out)
- Ultra reverse tooth
- Skip tooth
- Spiral tooth (creates fuzz that can be flash burned off with a butane lighter.)

Sizes of blades: they are numbered or marked in tpi (teeth per inch) and may have the diameter marked as well. The higher the number the bigger the blade.

The blades are made by pressing wire to certain thickness, then a cylinder at the plant moves in to grind the teeth; then they are hardened, and moved through an oil bath, so you should remove the oil before you use a blade, otherwise it will slide in the brackets. Manufacturers are Flying Dutchman, Olson, PS Wood, Pegas (German blades, good quality steel). Scott's advice is to buy online and in bulk, they are disposable, you need to feed not push the blade (which last 5-60 minutes) and the blade must be fresh.

Many projects can be made with the scroll saw - fret works, puzzles, intarsia, inlay compound, boxes, pictures puzzles, bowls, and segmented bowls.

Take care of using copywrited works for your projects, you may not be able to sell patterns or projects that you derive from someone else's work - like Mickey Mouse, a highly prized but carefully policed object.



Use clear tape on top of patterns, which are applied with spray adhesive. Super 77 by 3M (Lowe's), comes off with mineral spirits, it gives the perfect tackiness or stick and helps prevent tear out.



Some great online resources for this kind of work are: [Scroll Saw Village](#) that has a huge number online pattern resources, and [ScrollSaw Woodworking and Crafts](#) by Fox Chapel Publishing, also several e-zines (newsletter). The resources are or will be posted on the website.

There are only a few miscellaneous and inexpensive supplies you need! Sandpaper, glue, tape, butane torch (pencil-burn the fuzzies off the backside of the project), small drill bits down to 70 that you can put into a Dremel, but buy the plunge attachment for that. Tung oil or mineral spirits mixed with tung oil and polyurethane are Scott's go to finishing products.

Did you know a scroll saw can cut wood up to 1 1/2 inches thick?!

Selecting your blade is simple but use poplar to practice on when you first start. Remember, the blade wants to follow the grain, but sometimes increasing tension limits drift. There is a little more tear out with a spiral blade.

We had an example of compound cutting. You hold your project between clamps (Scott uses sandpaper inside the jig for firm holding). Use blocks of wood held together with carriage bolts and wing nuts as your clamps for small pieces.

Make inlay by tilting the table and cutting at an angle to get the bottom piece smaller so the top piece drops in. If you tilt down on the left side, cut clockwise and vice versa. I think that's what he said. Scott will welcome questions anytime. We appreciated the time he took to visit with us again!

We were then adjourned.

Jan Batker, Secretary

Photos by Ed Mastin

Items in Bold Red font are links to web sites related to the item.

Membership & Welfare

If you are aware of any news of illness or misfortune, or better yet, something really good happening to one of our members, please contact Pete Bucki. The TWA wants to support and uplift its members. Pete can be reached either by phone, 919-380-8860, or email, peteb301@att.net

Help make new members feel welcome when you see them at a meeting:

Bob Andrews – Cary, NC

Sylvester Fontenelle – Durham, NC

Pat Herron

TWA Treasurer's Report

Beginning Balance:	\$9,017.78
Income:	\$110.50
Expense:	\$117.22
Ending Balance:	\$9,010.30

Respectfully submitted,
Jack Kite – Treasurer

Future Program Schedule & Descriptions

<i>Month</i>	<i>Program</i>	<i>Speaker</i>	<i>Host</i>
February 16th	Thinking Outside the Can - See Page 6	Jay Cash	Fred Ford
March 15th	Resawing - See Page 7	Chris Black	Mike Payst
April	NCSU Craft Center		

Thinking outside the Can

February 16, 2016

Speaker: Jay Cash
Host: Fred Ford



Many of you will remember the presentation Jay Cash gave to our Association in November of 2014. Many of you requested that we have him back to follow on what he talked about and get into details on the exact finishing process he has developed. Jay has graciously agreed to join us again in February.

No matter how good you are at finishing I am sure you will leave this meeting with an even better understanding of the finishing process.

Jay will present a great “how to” program on many aspects of finishing for wood working projects. His main emphasis will be the actual finishing process he has developed over his more than 35 years of woodworking and finishing. He will begin with a quick summary of his last presentation included wood selection and matching finishes to the type of wood, sealing and conditioning, and using dyes and pigmented colors. He also discussed recipes for desired wood colors and matching fillers to grain. He will then cover the finishing process in detail.

The program will have a lot of useful, practical information. Visitors with an interest in woodworking are welcome.

Many of you met Jay in November of 2014. Some of you will may remember Jay from his days working at Klingspor, and others may have attended one of the classes he taught on finishing at Klingspor. Jay knows more about finishing in his little finger than some of us know, well, me anyway, in our entire body.

Jay is now working for **Finish Pros** of Raleigh. Finish Pros specialize in furniture restoration and upholstery where you not only have to know how to finish new furniture, but you must be able to match the finishes of 100+ years ago.

Come and be entertained and learn.

The following is from the Finish Pros website. Here is what Jay has to say about himself:

I'm Jay, the Shop Manager here at Finish Pros. I have over 35 years of woodworking, furniture making, and finishing experience. Early in my career, I began working in the carpentry field and later developed a passion for furniture making. I have studied the art of furniture making and design with Master Craftsmen around the world. I still enjoy advancing this knowledge through intensive woodworking and finishing classes around the country. This helps me provide critical guidance to our shop staff throughout the finishing process. In my free time, I still enjoy woodworking if you can believe it. When I'm not doing that, I am spending time with family and enjoying my grandchildren.



Three ways to Resaw

March 15, 2016

Speaker: Chris Black

Host: Mike Payst

Chris Black, formerly of Highland Woodworking in Atlanta, will speak on “Three Ways to Resaw” and “An Improved Marking/Cutting Gauge”. Chris now lives in Rolesville where he sharpens hand saws, teaches fine woodworking classes, sells antique tools, and manufactures a line of woodworking hand tools.

Woodworking in the Eighteenth Century

Annual Williamsburg Conference Trip Report

By: Roger and Judy Sanwald

TWA members, Hal Brown, and Roger and Judy Sanwald attended this annual conference again in January, and thought others might be interested in what was covered in this year's program. The 2016 program was on "Furniture for Leisure and Entertainment," and the woodworking tools and techniques demonstrated were in keeping with Colonial Williamsburg's focus on 18th Century craftsmanship. [Conference information](#)

The conference was quite a learning experience for us with three days devoted to demonstrations of restoration work, reproduction of significant pieces, and extensive information on hand tools and the mastery of their use. The venue where the conference is held is a large auditorium with the presenters working on stage, but their large screen projection system makes it easy to follow details of the handwork as it progresses. There were about 350 woodworkers from many areas of the country attending the sessions, providing great opportunities to share and learn. The following are brief descriptions of some of the topics covered this year:

- Alfred Sharp, renowned furniture maker from Tennessee, demonstrated 18th Century construction techniques used in making a Philadelphia card table. He focused on the carving required.
- Easy chairs were actually used in bed chambers in the 18th Century. Leroy Graves , conservator of upholstery at Colonial Williamsburg, showed us how upholstery was done in that time period. He also showed us how current re-upholstery techniques can preserve evidence of the original, while making it possible to show the piece as it might have been. Kaare Loftheim, Master Carpenter, discussed the construction of the chair frame and demonstrated some of the methods used to make it.
- Both coopers and joiners worked on the carved Palace wine cooler, demonstrating how the work of coopers differed from that of joiners. The piece was basically a coopered structure (bands holding staves together) that sat on top of a finely made stand.
- Edward Wright, journeyman harpsichord maker, described how spinets are designed and constructed, and techniques for making parts for them. Materials used in the mechanism that plucks the strings include crows quill and boar bristle.
- Bill Pavlak, journeyman cabinet maker, showed how a tripod music stand was constructed.
- Master joiner, Ted Boscana, demonstrated techniques used in construction of a gazebo. The process used for making and bending shingles to fit the geometry of the roof was interesting.
- Other topics were the disassembly of a billiard table, a slide show on Gentlemen's tools in the 18th century, and wooden toys from the past.

At our February TWA meeting we will share additional information from the conference.

Current Board and Committees Members

POSITION

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

BOARD MEMBER

Pete Bucki acting for Diane Philyaw
Roger Sanwald
Janet Batker
Jack Kite
Fred Ford
Judy Sanwald
George Mills

COMMITTEE

Program Committee

CHAIRPERSON/Members

Roger Sanwald & Judy Sanwald - Fred Ford, Terry Tenhouse, Allen Campbell, Bob Gabor, Jeff Leimberger, Terry Brown, Hal Brown, Mike Payst

Toys for Tots Committee

Fred Ford -Allen Campbell, Joe Gorman, Bruce Wrenn, Cecil Raynor, Diane Philyaw, Pete Hodges, Bob Gabor, Terry Tenhouse, Roger and Judy Sanwald, Jim and Thelma Rhodes, Don Frankfather, Mark Firley, Les Hall, Pete Bucki

Nominating Committee

Fred Ford/Terry Tenhouse, Diane Philyaw

Newsletter Publications Committee

Diane Philyaw - Fred Ford, George Mills

Library Committee

Jim & Thelma Rhodes

Publicity Committee

OPEN

Sponsor Committee

Mike Payst

Internet Committee

Paul Holzworth

Mentor Committee

Allen Campbell

Membership Committee

Ken Sender - Cheryl Serdar Judy Sanwald, Paul Holzworth, Sue Bunch?

Audio/Visual Committee

Tom Reville - Leon Abbas, James Chamberlain

Photographer

Ed Mastin

Hospitality Committee

Pete Bucki

Facilities/Refreshments Committee

John Zatti - Ed Mastin

Raffle Committee

Mike Payst & Pete Bucki Co-chairs

TWA Duties and Responsibilities Editor

Fred Ford

Mentors

The purpose of this program is to have a reference guide to call when you need to “pick someone’s brain”, Rule #1 in woodworking: nobody has a monopoly on brains! This list of people includes: contact information, projects the Mentors are comfortable offering advice about, and skills they would be able to help other members acquire.

<i>Mentor</i>	<i>Service/Skill Offered</i>	<i>Phone Number</i>	<i>Email Address</i>
Bernie Bogdon	Relief Carving	(919) 850-0739	sabile_27615@yahoo.com
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) 870-0508	raynorc@bellsouth.net
Amy Dowden	Google SketchUp		



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

Edwards Mountain Woodworks

919-932-6050, evenings
Fine handtool woodworking: creating and teaching in wood. For further information on the workshops, schedule, and tools needed and any other requirements email Bill Anderson at:
bill@edwardsmountainwoodworks.com
www.edwardsmountainwoodworks.com
Tuition discount for club members.

The Hardwood Store

1-888-445-7335
Gibsonville, NC
1-888-445-7335
www.hardwoodstore.com
Discount: 10 cents per board foot

Guy C. Lee Building Materials

900 N. Salem St.
Apex, NC

Keglers Woodworks LLC

919-608-7220
330 Dupont Circle
Raleigh NC 27603
mkeglers@earthlink.net

Stock Building Company

919-828-7471
3000 Yonkers Rd.
Raleigh, NC
www.stocksupply.com

Klingspor's Woodworking Shop

919-608-7220, 919-876-0707
3141 Capital Blvd.
Raleigh, NC
(.9 mile N of Beltline exit 11)
www.woodworkingshop.com
10% discount excluding lumber and power tools

Raleigh Saw

919-832-2248
5805 C Departure Dr.
Raleigh, NC 27616
www.raleighsaw.com
10% discounts on all new products

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

Woodworker's Supply of NC

Store: 336-578-0500
Mail order: 1-800-645-9292
1125 Jay Lane
Graham, NC 27253
www.woodworker.com

Wurth Wood Group

919-231-6620
4213 Poole Rd. (Exit 15 off I-440)
Raleigh, NC 27610
www.wurthwoodgroup.com