

# WOODWORKERS NEWS



Northeastern  
Woodworkers  
Association

March 2018, Vol. 27, Number 3

## March Meeting

### A Short Walk Through the World of Upholstery

*Thursday, March 8, 2018 7:00 PM*

*Shaker Heritage Society Meetinghouse*

*Albany-Shaker Road, Albany, NY*

*Presented by Mike Mascelli*

A lecture-demonstration specially created for NWA members and focusing on the development of the American upholstery tradition as it evolved from the English and French styles brought to the Colonies by our forefathers. The presentation will include a brief look at the history of the trade as it organized in England as the "Worshipful Company of Upholders" in the 16th century, up through modern times, and a complete look at the tools, materials and techniques of the upholstery trade as practiced then and now. Mike will also discuss several basic upholstery techniques including a slip seat, several different styles edge treatment as well as spring work, including a demonstration of sewing and tying springs. This presentation will be of interest to furniture builders, restorers and those just dying to know exactly what is supposed to be inside of a properly upholstered chair, and those who would like to know how to work with an upholsterer to be sure to get professional results.



## 2018 Showcase Member Challenge

*By Wally Carpenter*

Everyone enjoys a good challenge, and I think we've come up with a good one! Break out your calculators and your best reader glasses; you're going to need them. We will be exhibiting Doll Houses upstairs this year, and as part of this exhibit, we would love to see a large collection of small furniture made by you, our members. The focus will be 1:12 scale furniture and accessories, but all reduction scales will be accepted. You are welcome to use any type of wood and as many pieces you wish. **We would love to see many, many pieces!** Time is growing short.

## IMPORTANT!

Showcase yard signs are ready to be picked up at 15 Solar Drive. Please post them on your winter lawn. We will also be offering post cards and business sized cards this year to hand out. Lawn signs will be distributed at the March 8 General Meeting.

# NWA WOODWORKERS SHOWCASE NEEDS VOLUNTEERS

**Saturday and Sunday March 24th and 25th**

*If you have not signed up for one shift, or you have signed up for one and can do another, or if you are interested in participating this year in the same position, same day and time let us know as soon as possible. Kenneth and Maria Witkins, Volunteer Coordinators, will be at Learning Center Mondays, Wednesdays, and Thursdays from 6:00PM to 8:00PM to sign-in volunteers or can be contacted by e-mail at [mamawilkins@aol.com](mailto:mamawilkins@aol.com) and by phone (518) 384-0403 or (518) 229-3078.*

**All positions open under these categories:**

## Showcase

**Door Hosts Saturday and Sunday:**

- Exhibit Hall
- Vendors area
- Hotel
- Upstairs

**Floor Monitors Saturday and Sunday:**

- Feature Exhibits
- Exhibit Hall
- NWA Community Service Gallery

**Membership Booth – Saturday and Sunday**

**Education Booth – Saturday and Sunday**

**Raffle Tickets – Saturday and Sunday**

**Tickets Sales – Saturday and Sunday**

**Lecture Videographer – Saturday and Sunday**

**Truck Assistants – Thursday, Friday, Sunday and Monday**

**Set up and Staging – Friday**

**Take Down Upstairs, Vendors and Exhibit – Sunday**

**Loading Ramp Assistant – Friday and Sunday**

**NWA Store – Saturday and Sunday**

**Pen Turning – Saturday and Sunday**

**You do not have to be a member to participate. Invite a relative or a friend to volunteer with you. Sign-up ASAP. Your cooperation is greatly appreciated.**

**Maria and Kenneth Witkins, Volunteer Coordinators**

## OFFICERS

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# Reference Books for Hand Tools

*By Irv Stephens*

Starting with this column, I will begin to identify what I think are special books in the NWA Library; and because I think of myself as a hand tool person, I'll start with hand tool books.

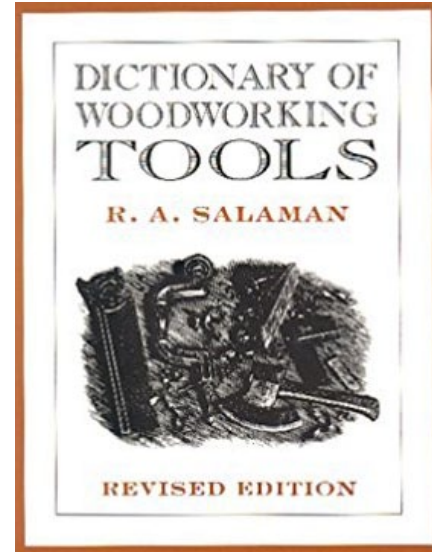
The library now has several key reference books for identifying historic hand tools thanks to recent additions.

The first is Raphael A. Salaman's **Dictionary of Woodworking Tools, c. 1700-1970, and tools of allied trades** (Taunton Press, 1990), First published in 1986, it has become the standard resource at least for English and many American tools. Salaman was a Cambridge educated engineer who was lucky in that his work entailed his traveling throughout the UK allowing him to meet many local tradesmen and collect their tools.

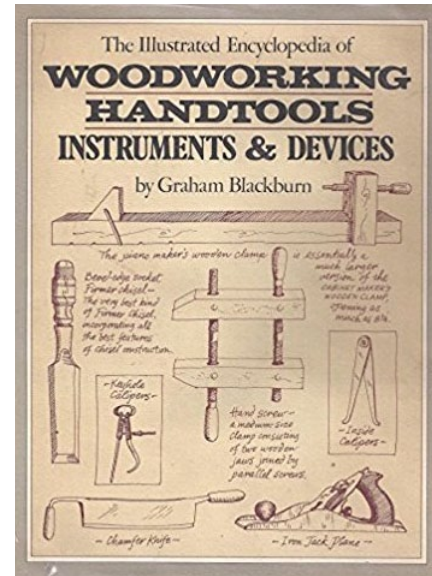
The second book [with probably the longest title of any book in the collection] is Graham Blackburn's **The Illustrated Encyclopedia of Woodworking Hand Tools, Instruments, & Devices: containing a full description of the tools used by carpenters, joiners, and cabinet makers, with many examples of tools used by other woodworkers such as, woodsmen, sawyers, coach makers, wheelwrights, shipwrights, wainwrights, coopers, turners, pattern makers, and whittlers** (Simon & Shuster, 1974).

The third book, Alvin Sellens' **Dictionary of American Hand Tools: a pictorial synopsis** (Schiffer Publishing, 2002) is also the only book in the NWA Library by this author. Sellens, of course, is probably best known for his history of Stanley planes but has also authored books on other historic planes, folding rules and pocket knives.

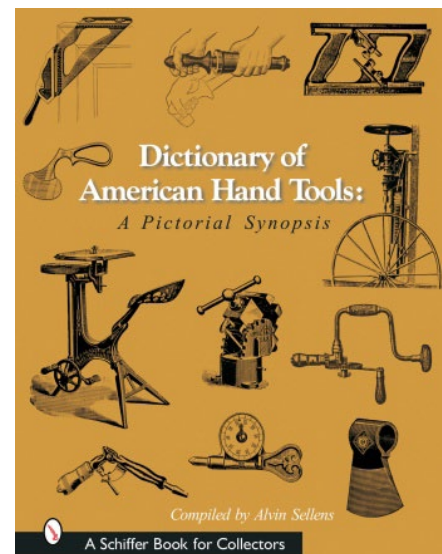
I expect that the serious collectors among us have all these works in their personal collections, but others who may only need to identify an old tool can now consult one of these works in the Hand Tool section of the NWA Library.



Salaman



Blackburn



Sellens



## WOODWORKERS NEWS

is published by the Northeastern Woodworkers Association for its members. The Association's aim is to provide a common meeting ground for lovers of woodworking who want to know more about wood and the techniques for forming it. The newsletter is published monthly. The newsletter is available online at [www.woodworker.org](http://www.woodworker.org)



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[www.nwawoodworkingshow.org](http://www.nwawoodworkingshow.org)

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# February's General Meeting

*By Susan McDermott*

Dick Flanders began the meeting with announcements. Bob Stanley is the new Membership Chair. Former Chair, Peter Lofrumento is recovering from surgery and will be inactive for several months. We are very grateful for the years and enormity of his work as Membership Chair, and we miss him!

The Education Committee recently formed will address the May 2018 replacement of George Jones, Education Chair. The committee consists of Dave Parkis, Pam Curtis, Rich Glover, and Jim Lefebvre.

Irv Stephens announced the NWA Library holdings are now online. [www.librarycat.org/lib/Woodworkers](http://www.librarycat.org/lib/Woodworkers)

Dave Mobley updated members on the site search for our relocation when the lease for 15 Solar Drive ends in August. No site has been selected, so keep your suggestions coming. Our current shop is well below the market rate for its size and condition. NWA needs to find an affordable space. Our 501C3 status as a nonprofit means a tax break for the landlord. We need a 6000 to 8000 square foot building by May-June to begin our transition.

Maria and Ken Wilkins were present to encourage members to sign up as volunteers for Showcase. Please help make this event a success! We are very grateful for Maria's and Ken's return to the huge task of recruiting volunteers as the applause of the membership proved.

Wally Carpenter informed us that Tom Moran has placed an online entry form for Showcase.

Go to [www.nwawoodworkingshow.org](http://www.nwawoodworkingshow.org) and click on EXHIBIT ENTRY FORM. Paper forms can be mailed to non-computer members by request.

Troy Fink will advise volunteer videographers how to appropriately record Showcase presenters.

Members toured the refurbished Museum Shop. An article and photos about this can be found on pages 7 and 8.

### Show and Tell

The captioned pictures show the beautiful wood work on display with their maker's names.



*Juliana's dovetails*



*End table by Juliana Shei*



*Finials by Pete Chast and segmented container by Dennis Cooper*



*Cradle*

### **Fixing Mistakes and How to Avoid Them**

Logan Simms, apprenticed by the renown Paul Sellers, began his own wood working career six years ago at the age of 18. Logan has become a master craftsman in his own right. He demonstrated fixes to wood working errors and advised members of strategies for building well- formed projects. Two essential pieces of advice: 1) save all cut offs and wood scraps from the wood parts of your project to match grain, shade, and color of repairs, and 2) keep your workbench clean of wood chips so as not to mar your project's finished pieces.

Having failed to take Logan's advice, you can fix your mistakes. Scratches and dents can be repaired with a thick application of fresh shellac (its shelf life is no more than six months).

When dry, sand the damaged area with multiple grits (increasing fine), and when satisfied, wax the entire surface. Logan reminded us to open and air dry the towels we used with the shellac to avoid spontaneous combustion.

In cutting dovetails, Logan emphasized the importance of sharp chisels for precise, clean cuts and reduced opportunity for injury. Always mark the waste in tail cuts immediately after marking pins. Cut on the waste side of the pins' lines. Start your chisel chops on the inside of the work piece for a clean break of the waste from the outside chops. When trimming wastes, cut no farther than the middle of the board's thickness to avoid splits.

Logan demonstrated repairs to dovetails, mortise and tenon, and dado joints using those slivers and wedges from the previously saved scrap wood. A loose tenon can be shimmed, side to side, or wedged on end as the photos show. A dado joint can be tightened with a spline glued to the underside of a shelf or brace.



*Logan Simms*



*Wedges to tighten mortise*



*Wedge to tighten dado*



# Kaatskill Woodturners' Association

By Wally Cook

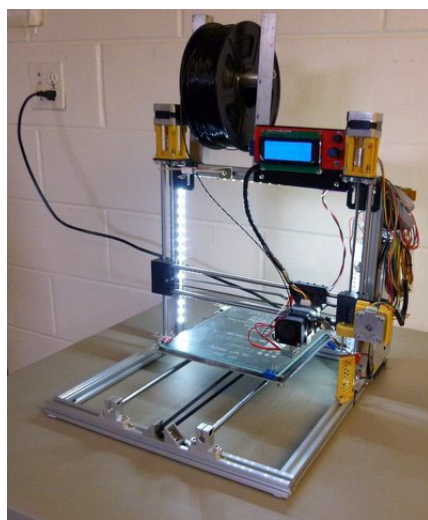
**3-D Printing:** Our resident technologist, Walt Stolte, enlightened the group about 3-D printing. Walt brought in the 3-D printer that he assembled from a kit and explained the basic concepts around the printing of 'things'.

Essentially, you are off to a good start if you think of 3-D printing as a hot glue gun attached to motors which allow the gun to move horizontally and vertically to lay down strips or



Walt Stolte shows objects made on his printer

slices of material. The pattern that the material forms is governed by software which describes a three dimensional picture of an object via a CAD drawing. However, instead of glue, Walt's 'printer' uses plastic ABS cable which is fed through the extruder and nozzle, then melted onto a build plate, each layer adhering to the previous strip. Printing materials can include nylon, PLA (plant based plastic), polycarbonates and composites which contain plastic and wood or powdered metals. Powdered metals need



Walt built his printer from a Folger Tech kit

an additional process called sintering -- coalescing under compression.

To be precise, there are three moving platforms: a) the build plate moves and represents the 'x' coordinate b) the nozzle servo

moves horizontally as well, providing the 'y' axis, and c) the nozzle also elevates vertically to build the 'z' axis. All the information about the x, y, and z coordinates are described in a Computer Assisted Design (CAD) file which describes the object. CAD programs and SketchUp have the capability to interface with a 3-D printer. Any file saved in an STL format (surface tessellation language) can be used.

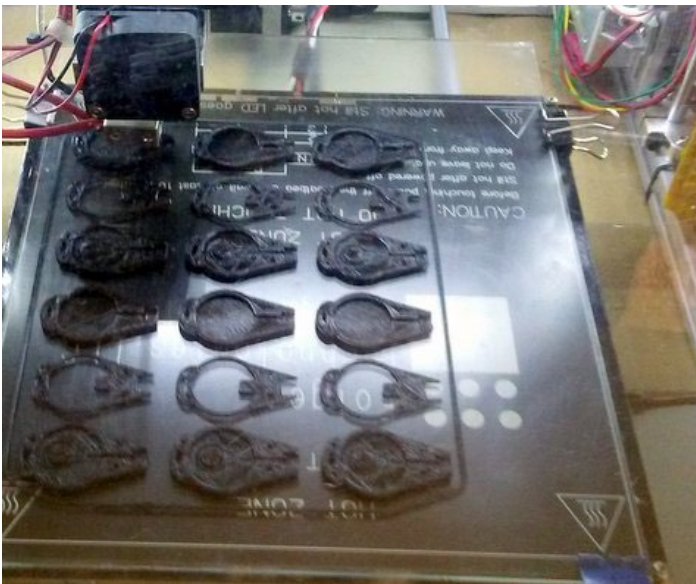
The STL file is sent to a 'slicer' program which defines the thickness and density of each layer that is to be laid down by the printer. Thinner layers produce better resolution of the object, but require more time to print. In addition, the layers may be more or less dense, since the printer is always printing in a pattern.

The language that the 3-D printer uses is G code, a numerical control language which provides the instructions to the motors about movement of the nozzle and the build plate. The brains of the unit is an Arduino chip, used in many hobby/student projects.

Walt demonstrated the use of his Folger Tech printer by printing a half dozen small flashlights. He has made runout gauges and thread chasing attachments for a South Bend metal lathe. Steve Sherman brought in templates he had printed for turning tri-cornered boxes. Bill Thiry and his son Alex have printed connectors to produce mini-hollowing tools. Custom jaws and jig parts seem to be the more popular applications for woodworking. As Walt pointed out, 3-D printing makes scaling very easy: once objects are defined, they can be made larger or smaller in scale.



Examples of a runout gauge and thread chaser produced by Walt



*Flashlights being printed on the build plate*

A person does not need to be an expert in CAD to make objects – many plans already exist in the 3-D Forum discussions. Walt recommended thingiverse and shapeways.com as sources for existing objects. A quick survey of thingiverse showed a number of chuck adaptations for woodturners, as well as other templates. A good follow-up article for anyone interested in 3-D printing was published in the December 2016 issue of American Woodturner: ‘3-D Printer’ by Henry Doolittle.



*A template printed for Steve Sherman for tri-corner boxes*

**Upcoming:** The March 10 meeting will feature Carl Ford III demonstrating his Trent Bosch-style visualizer – a camera system to view in real time what the tool is doing inside the hollow-form. Meeting starts at 9AM at the Opdahl Studio.

## Shaker Gift Shop Project

*By Dick Flanders*

Towards the end of 2017, NWA received a request from Starlyn Angelo, the Executive Director of the Shaker Heritage Society, to assist them in making the Gift Shop look presentable for the foreseeable future. This would involve repairing, patching and painting the ceiling, walls and floor of the total area. Also, a new counter was requested, and something done with the door entering the gift shop.

We publicized the need for volunteer help for the work, which was to be done from mid-January to the end of the month. Initially, we had over 14 people sign up to work on the project, but whittled that list down to 6-8 people on site, plus a few others back in the Solar Drive workshop building the new door and the counter unit.

We wish to thank those who worked in the gift shop - cleaning, patching and painting, as well as removing old plumbing, phone lines, and upgrading the lighting: Gerry Verner, Charlie Goddard, Vince Manti, Steve Woodard, Steve Mapes, Chuck Watson, and Dick Flanders.

Then there were others working on the rolling barn style door and the counter in the shop: Charlie Goddard, Darrell Welch, Peter Forward, Chuck Watson, Mary Gillespie and possibly a couple others who were there with Charlie that I am not aware of.

Check out the photos on the following page.





*Before: Lots of work to be done, and plenty of help.  
(Charlie Goddard, Steve Woodard, Chuck Watson, Gerry Verner, Steve Mapes and Dick Flanders)*

*During: Cleaning up, and patching.  
(Gerry Verner, Chuck Watson)*




*View of new Rolling Barn Style door at entrance, and new counter unit, designed to look like a dresser.*



*After: Another view of the counter. Note also all new lighting in the room, and the Peg Rails reinstalled around the perimeter of the room.*



		<b>Showcase Sale Agreement</b>	
		<b>Name of Piece and Description</b>	
<b>PRICE</b> \$ .00			
<b>Pick up method</b>			
	Customer picks up and takes on Sunday 5:00 pm.		
	Free delivery by seller within 10 miles of City Center, Sun. PM		
	Arranged between buyer and seller. <b>Delivery Charge \$</b>		

**Please Print Neatly**– this information will be kept confidential.

First Name	
Last Name	
Street Address	
Town	
Zip	
Home Phone	
Mobile Phone	
Email	
<b>You Must Include a Photo of the Item You are Selling!</b>	

I, \_\_\_\_\_ agree to allow the NWA to sell my wood creation at the Showcase Sales Boutique. I understand that NWA will keep a 20% commission of the selling price



## **SELL YOUR WOODWORKING AT SHOWCASE**

There have been many requests in the past that NWA woodworkers be able to sell their work displayed in the Exhibit Hall and the TT Gallery. This year, for NWA Members only, we are trying something new. Any NWA Member may choose to sell **one** exhibit entry piece.

As always, only the exhibit card and optional business card, may be displayed with your entries. ***No prices are ever allowed*** on the exhibit floor or the TT Gallery.

## **HOW THE SALE WILL WORK**

You must give a **completed Showcase Sale Agreement** with a **photo of the piece you are selling with your name on it**, to Pam Bucci or Pam Curtis, or email it with the subject listed as “Showcase Sale” to **Pam4arts@aol.com**. Your agreement must be received by us by March 20, 2018

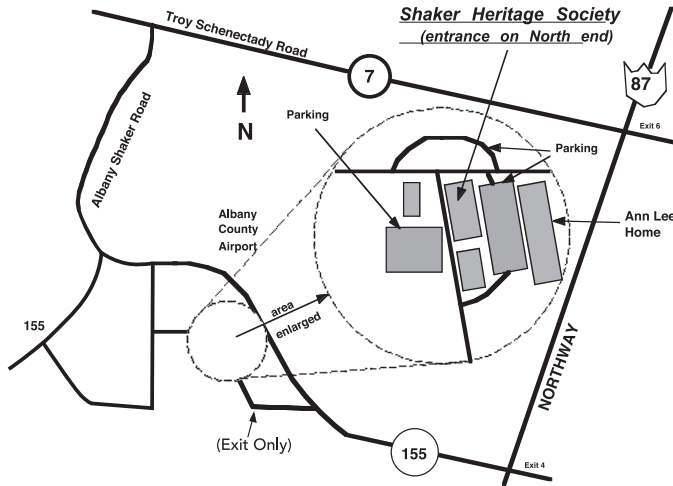
1. All sale information and transactions will be done through the NWA BOUTIQUE on the Vendor Floor. You must be an NWA member with current paid status.
2. You must properly register your piece to exhibit as you would normally do. This agreement is not a registration for your piece.
3. You may choose only one of your pieces in the Showcase Exhibit Hall or the Totally Turning Gallery to make available for sale.
4. When you bring your items in on Friday, March 23, get your registration card and sale card at the Showcase office or your display card and sale card from TT Registration.
5. NWA will take a 20% commission. Sold pieces may not be removed from the display area before 5:00 on Sunday. Someone will be at the display area to facilitate the pick up. A check will be sent to you within 2 weeks
6. Please make sure that you list current contact information for the Saturday and Sunday of the show so if there are questions we can reach you. All personal information will be kept confidential.
7. You may want to include several business cards for interested parties.

Keep this side for your records

# March Meeting

Thursday, March 8, 2018 7:00 PM

Shaker Heritage Society Meetinghouse  
Albany-Shaker Road, Albany, NY



## 2018 MONTHLY MEETINGS\*

Unless noted otherwise, held at the Shaker Meetinghouse on the Second Thursdays at 7:00 PM

For meeting cancellation information, call Ken Evans 753-7759 or Charlie Goddard 370-0388

### April 12

Turning a Winged Bowl - Presented by Keith Tomkins

### May 10

Small Power Tools - Presented by Dick Flanders

\*To be updated with additional information

## SPECIAL INTEREST GROUPS (SIGs)

**Adirondack Woodturners Association (AWA)** - The AWA is active throughout the year. Meetings are held the first Wednesday of the month (except in January and July when it is the second Wednesday), and are held at the NWA Learning Center located at 15 Solar Drive, Clifton Park, NY from 5:30 PM to 8:00 PM. **Contact:** Pam Bucci, President - 429-6440, woolglass2@gmail.com

Wednesday "Learn and Turn" sessions occur on all other Wednesdays at the NWA Learning Center. These sessions run 6:00 PM to 9:00 PM. www.adirondackwoodturners.com **Contact:** Ken Evans - (518)753-7759 or kevans1@nycap.rr.com

**Scroller's Guild** - Meets on the fourth Wednesday of the month at the NWA Learning Center located at 15 Solar Drive, Clifton Park, NY. A beginner's session starts at 6:30 PM (TBA), followed by a general meeting at 7:00 PM. **Contact:** Jeanne Aldous at AMJAMtat2@aol.com or Barbara Nottke at scroller87@aol.com or 869-6268.

**Kaatskill Woodturners** - (will now shift to) Saturday mornings at 9:00 AM -- the second second Wednesday of each month at 6:30 until October. at the Opdahl property in Hurley, NY. **Contact:** Wally Cook at wally.cook@gmail.com.

**NWA Crafters** - Meets every Saturday and Tuesday, from 9:00 AM until noon at the NWA Learning Center located at 15 Solar Drive, Clifton Park, NY. The Crafters provide public service woodworking for various charitable organizations, including the Double H Hole in the Woods camp for children and the GE Toy Modifications Group, and the Make A Wish Foundation. Sharing information, fellowship, and relating experiences are a major part of these sessions. **Contact:** Wayne Distin - (518)674-4171, wdistin@nycap.rr.com, Ken Evans - (518)753-7759, kevans1@nycap.rr.com, or John Heimke, heimkej@sage.edu for more information.

**NWA Musical Instrument SIG** - Meets every first Tuesday of the month at 7:00 PM to 9:00 PM at the Learning Center. The purpose of the group is to discuss all aspects of all musical instruments, playing, building, repairing, and history. Meetings involve a show and tell table, a program on an appropriate topic, and lots of member interaction. If you want to be on the email list for notifications. **Contact:** Ken Evans at kevans1@nycap.rr.com or (518)753-7759 or (518)281-0779.

**The NWA Wood Carvers SIG** - The NWA Wood Carvers SIG - Meet each Thursday at 5:00 PM until 8:30 PM all year at the NWA Learning Center located at 15 Solar Drive, Clifton Park, NY. The goal is to promote the art of Wood Carving and to have a good time doing it. The only prerequisite is a desire to carve while making new friends. Wood, tools, and patterns are available. **Contact:** Diane Balch - (518)885-9899, signs@balchsigns.com

**Hand Tool SIG** - Meets on the 2nd and 4th Wednesday of each month at 7:00 PM in the Herm Finkbeiner Education Center at 15 Solar Dr, Clifton Park, NY. **Contact:** Dave Parkis - 458-7242 for further details: dparkis@nycap.rr.com

**Segmented Turning** - Meets the first, third, and fourth Thursday of each month at 6:30 PM to 9:00 PM at 15 Solar Drive, Clifton Park, NY. **Contact:** Toby Pauly - 788-7253, e-mail tobypauly@yahoo.com

**Spindle and Pen Turners** - Meets Mondays 5:30 PM -8:00 PM. **Contact:** Pam Bucci - 429-6440, woolglass2@gmail.com

## CHAPTERS

**NWA Mid-Hudson** - The chapter meets at 7:30 PM on the third Thursday, except July and August, at the Hurley Reformed Church. The Church is just off the the Hurley exit from Rte. 209. Right at the exit, right at the stop sign and left into the Church parking area. **Contact:** Jim Lee, President - (845)382-6045, dlee1963@aol.com

**NWA Sacandaga** - The chapter meets at 7:00 PM. on the Second Tuesday of each month from Sept through June. at 55 Second Avenue, Mayfield, NY. **Contact:** Gary Ratajczak, President - (518)852-1204, info@sacandagawoodworkers.org