



Northwest Corner Woodworkers Association

[NCWA Website](#)

April 2020

Next General Meeting

Tuesday, TBD
7:00 PM

Mount Vernon Christian School
820 West Blackburn Road
Mount Vernon

[Google Map Directions Link](#)



NCWA Hat



April Message



Take everyday precautions and avoid close contact with people who are sick

- Clean your hands often
- **Wash your hands often** with soap and water for at least 20 seconds, especially after blowing your nose, coughing, or sneezing, or having been in a public place.
- If soap and water aren't available, use a hand sanitizer that contains at least 60% alcohol.
- **To the extent possible, avoid touching high-touch surfaces in public places** – elevator buttons, door handles, handrails, handshaking with people, etc. Use a tissue or your sleeve to cover your hand or finger if you must touch something.
- Wash your hands after touching surfaces in public places.
- **Avoid touching your face**, nose, eyes, etc.
- **Clean and disinfect** your home to remove germs: practice routine cleaning of frequently touched surfaces (for example: tables, doorknobs, light switches, handles, desks, toilets, faucets, sinks & cell phones)
- **Avoid crowds**, especially in poorly ventilated spaces. Your risk of exposure to respiratory viruses like COVID-19 may increase in crowded, closed-in settings with little air circulation if there are people in the crowd who are sick.
- **Avoid all non-essential travel** including plane trips, and especially avoid embarking on [cruise ships](#).

NCWA General Meeting Notes March 3, 2020

- Meeting was convened by President Jim Bucknell 3/3/2020, 7 PM at Mt. Vernon Christian School
- Guests and visitors were introduced

· Announcements:

- King Dahl Introduced our Facebook & Instagram pages and did a slide show on different features we can enjoy by using these new platforms to communicate
 - Facebook - <https://www.facebook.com/groups/647491652362218/>
 - [NCWA Woodworking](#)
 - Instagram – ncwa_wood
- New Logo on the Hats and they are for sale \$22 – the Aprons will be updated with the new logo and we hope to have patches in the future
- Shows Committee - David Vandette. - WoodFest April 25 & 26, 2020 at the Sedro Wooley High School. We'll need lots of volunteers to serve as greeters and to bring items to display and to sell.
- Sascha – has kids workbench space at WoodFest. Contact Sascha to volunteer
- George K – Mt Vernon Christian School looking for volunteers to help with the spring play. This week we plan to build it. Please let him know if you're available
 - Also George will be having a tool sale for his neighbor soon. Watch for an email with more information.
- Jim Bucknell – read a letter from NCWA to the Mt Vernon Christian School summarizing the past the hat donation from our January meeting. \$582 was raised and Brannon has already picked out a sander and kids are already using it. Brannon said it is a much safer and cleaner set up! Thank you everyone!!!!
- Classes Committee – Greg Koenker – class signup sheets on the back table
- Library Committee -nothing at this time
- Shop Tours – Jeff – the Spring shop tour will be March 21st in Burlington & Mt Vernon Area – watch for an email a few days before for the needed info.

NOTE: Stay Tuned! Subsequent to the meeting, the Board may cancel or postpone upcoming events due to the Corona virus. Members will be kept informed via an email to all members as decisions are made

Bring-and-Brag:

- Gene Radermacher – multi use seat for 4 yr old grandson. Sapele & Cherry with a lacquer finish
 - Phil Mcloud – Table for the Skagit Land Trust Auction. Ash & Elm Burl with Jerry Couchman's famous mixed finish
 - Phil Humphries – Bandsaw Box. Split Edge Maple with a wipe on Poly
 - Angela Hills – Live Edge Box from Jerry's Class – Walnut, Cherry & Blood Wood with Jerry's famous mix finish
 - Hank VanZanten – Tulips & Table. Hickory Flooring on the Top with Mahogany Trim and a spray lacquer
 - Bob Laufenburg – Gizmo Box / Cowboy – Plywood cut, carved, and filed to make parts and gears. With a painted finish.
 - Bill Pierce – 12-sided Vessel from "Coopered Vessel" class that Greg Robinson's taught years ago. Made from Birch with a 12- sided Dado bottom and Jerry's famous mixed finish
- Main presentation: Andy Rudy – One of our own beloved members. He's a retired machinist and loves making beautiful furniture and keepsakes for friends, family and his own home. If you've seen his wide range of projects at Bring and Brag, you already know that he is an artist and master craftsman, working with wood and metal. Take a quick look at his website — <https://www.sawdustmaker43.com>

"He who works with his hands is a laborer. He who works with his hands and his head is a craftsman. He who works with his hands and his head and his heart is an artist."

This quotation is on Andy's website.

- King Dahl won the 50:50 raffle & donated the \$\$ back to the club. Thanks King!!!
- The meeting adjourned 9:00 PM

Bring and Brag

Bill Pierce



Bill Pierce



Gene Radermacher



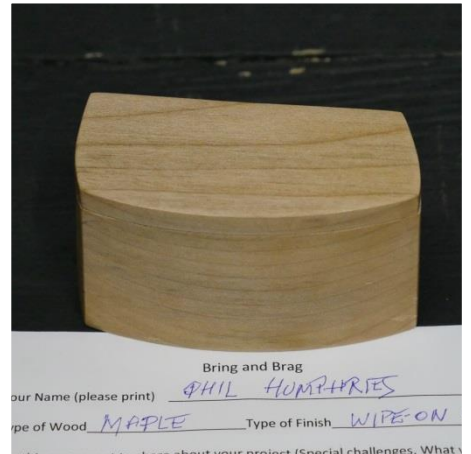
Bob Laufenburg



Angela Hills



Phil Humphries



Bring and Brag
Your Name (please print) PHIL HUMPHRIES
Type of Wood MAPLE Type of Finish WIPE-ON
Tell us about your project (Special challenges, What?

Hank VanZanten



Gene Radermacher



Phil Mcloud



[CLICK for PICTURES](#)

Making Sawdust

LIBRARY COMMITTEE

Bill Pierce, Library Committee Chair

Even woodworkers need a silver lining in this public health crisis. With so many things cancelled or shut down these days, it is a good time to read a book or pick up some new skills from a video. Now, you'll have lots of extra time to do this.

The Library Committee is going to freeze circulation, at least until the club starts meeting again. We're asking members who have checked-out items to hold onto them. We'll be sending out a reminder to you to verify what we think you have. We will not be sending out overdue notices.

Please bring in your library items when club meetings resume. At that time, we will evaluate the public health situation. We are working on ways the library can continue to provide service without risk of spreading the virus.

Thanks for your cooperation. If you have any questions or concerns, feel free to email us at library@ncwawood.org.



How Woodworkers Can Help (our health-care providers during the COVID-19 crisis)

by Bill Pierce

I recently received a notice from the Woodwright's School, in North Carolina. They were organizing a collection of unused N95 Masks for their local hospital. My wife and I have a niece and nephew

(ARNP and Oral Surgeon), risking exposure to COVID-19, to provide healthcare during this crisis. So we looked in my woodworking



supplies and found that I had several unused N95 respirator masks we could give them. They had none available at work.

I mentioned this to our President, Jim Bucknell, and we agreed that perhaps the club could collect masks to donate to medical facilities in need.

If you are at low risk, please check your supplies and see if you have a few unused N95 masks that you can spare. Both valved, and un-valved types are useful in different medical situations. They say N95 on them and could make the difference between life and death for those providing care and in the most danger of exposure.

If you have one or more mask(s) to spare, please email me at library@ncwawood.org. Let me know how many you have and your address. My wife and I will devise an efficient and safe means of collecting them and getting them where they are needed.

Thanks very much for doing what you can to help.

Message From the NCWA President

Hello from quarantine-land! I hope everyone is happily sequestered and staying safe and healthy during this strange and worrisome time. I'm sure I speak for everyone when I say that I really miss all the contact with our members at the various committee meetings, classes, and, of course, our monthly general meetings.

I think it's critically important that we all work to keep the NCWA vibrant and active during this period so we can resume business as usual and as quickly as possible - when it is safe to do so.

One way is to use our newsletter to help fill the gap caused by the new requirements. Thanks to those who have provided pictures and project descriptions for the new Bring and Brag approach! And special thanks to Bill and Lisa Pierce for initiating a project to collect masks for donation to the medical community! I hope everyone will check their inventory to see if they have items for donation.

Please remember the President's Challenge for whenever we get to actually meet again. The challenge is to make something featuring a technique or feature that you have not done before. For example, your first dovetail joints, your first mortise and tenon joints, your first bentwood project, etc.

Finally, and this is just for fun, sometimes the wood itself can be surprising. The first picture was sent by a friend. It reminded me of a similar piece of 1/4" birch plywood I have had for years (the second picture). The last one is a piece that really shocked me when I was looking at book matching walnut veneers I had just cut. It's not often that you find the wood looking back at you! Everybody that sees this sees something different. I am looking for the rich psychiatrist that wants this for their Rorschach testing!

So, this got me wondering. Anyone else have some weird pieces of wood lying around that they would like to show to other members? They can have grain that looks like something else or just a lot of interesting figure. If you do, please send them to me.

Just kidding! Please send pictures to Jane and me, and we will see if we can get them into a future newsletter. In the meantime, please stay healthy and don't hoard anything except really cool wood!



April Sheltering in Place Bring & Brag



Keith Reynold

I would have loved to share this with club members but it was a wedding gift for my son and his new bride. I completed this project just in time to deliver it to them for their September 14th wedding. I worked on it right up the 2 days before we packed the truck to leave so I could have not brought it to a meeting prior to leaving.

Their original request was for a bench that they were going to use as a signature bench for their wedding guests to sign and gave me a year to work on it. I asked them to send me some idea of what they wanted. What they sent was nothing like this and resembled a picnic bench with drawers under it. Their mistake was telling me I could use my imagination and come up with something so long as it had drawers, so I went to work designing something and this is what I came up with. Construction began somewhere about mid May when I went to Edensaw looking for materials. Originally I was thinking about walnut until I saw the slab I purchased for the body. The seat and back were from slab I had purchased a few years earlier for a mantle or something but never got that started and when I saw how well they worked together, color and grain I knew what project they we're destined for. So I put many hours into construction wish I had kept record of it.

As construction progressed it was becoming clearer to me that signature bench idea may not be a good idea so as a back up plan I had my mother make a quilt top for their guests to sign. I presented my idea about the quilt top for signature which wasn't received very well as they had their hearts set to use the bench for their guest book. I later told them that this was my gift to them and they could do with it what they wished not my place to change their plans. I felt better after telling them this but still went forward with the quilt idea after all they had no idea what I was making for them. When they saw it for the first time, greeting all their guests at the wedding venue, they were totally amazed and happy about the quilt top, however they did allow guests who wanted too, to sign the back of the bench but the quilt top was the more popular option. The reaction from everyone who attended was completely unbelievable. It was a fun and challenging project especially the raised panel hearts, getting them to look right and symmetrical. I loved working with the epoxy.

The structure, side frames, spreaders drawer fronts came from one slab of curly red maple, the seat and back were from 2 1/2 other curly red maple slabs.

The raised panel ends are fiddle back long leaf maple w/ Purple Heart centers. The inlaid Purple Heart on the seat hides a punky knot. I removed the punky and filled the back side w/ blue epoxy.

It featured 2 drawers, w/ soft close Blum bottom mount drawer glides 100lb rated.

The finish is clear epoxy w/ ocean blue and silver metallic pigments. The amazing thing about the blue epoxy is the while it was in the curing process it formed the quilting pattern that it finished with. The epoxy is from Stone Coat Countertops.



Ed Crouch

This is a side table, Federal style. I did within this last year. The main wood is sapele and the finish is eight coats of wipe-on poly

Charley Drake

This is an instrument panel for my 26' Nordic Tug. It's made of teak. The plywood panel is from a window cut out on a 36' Uniflite I obtained in about 1976. Some things are worth hanging on to.



Bill Epler

The cancer doctor who has successfully treated my wife for six years is retiring. She wanted to do something personal to thank him so she made a stained glass window with a Mt. Rainier scene, which he has climbed. To make it more relevant to cancer I used some Pacific yew wood from a tree that was cut when our house was built for the frame. The log was fairly small and still had bark on the edges so I left it on for a live edge. Of course the significance of the bark is that it is used to make Taxol, a cancer drug.





Tom Pritchard

My main passion in wood working is "woodcarving". Began carving about 6 years ago. One day, out of the blue I pulled out my box of carving tools that my uncle gave me before he passed. In the community that I lived in (Madison, In) we had a local carver who was a "Primitive Santa Carver" His small business called "Folk Art" had grown large to where he had a huge following of customers who purchased Santa's every year. Later he passed.

I started out by referencing some of his style of carvings plus what I had seen on Etsy and other similar sites. After my wife saw my carving abilities she suggested that I carve some Santa's and Snowmen. She said she would paint. There was a Christmas craft show coming up on December 5th. So August of that year I purchased some basswood and sketched out patterns then began the process. I would take patterns and transfer onto wood blanks. Rough cut on band saw and then hand carve remaining. About everyday I would carve what I could. Had a huge production process in place. By shows deadline I had roughly 75 pieces ready to go. Next was to determine how much to charge. Price ranged from \$5 to \$75. Based pricing on what local store owner said we would charge if she was selling that item in her store.

At that show I was totally overwhelmed. People came up to me and said, I didn't know you could do that. By mid-afternoon almost ALL carving had sold. By end of show all were gone. Plus people were wanting to place orders. I said NO. I was totally wiped out. After this first show, I had mimicked the same products each year after. Did add some new designs each year. Developed a huge following, much like the other guy in town did. After four year of shows my wife and I moved to Mount Vernon, Wa. For the last two years I have participated in craft show in the community I live in now. (Little Mountain Estates) Have still not developed the following as before. Have still been selling most of my inventory to my friends back in Indiana. Hoping to increase my following here in Washington.



This is a woodcut print printed in multiple layers from a progressively carved 11" x 14" block of 1/4" baltic birch plywood, inked with oil based printing ink and printed on an etching press



Harvey Rossiter

Fun to watch the birds eating inside the glass jar. the front of the engine



The cutting board is made of scrap glued together



Education Committee

As club emails have stated, the board has cancelled classes scheduled thru the end of April. Based on the governor's present Shelter-in-Place order, there's a very good chance that classes scheduled for May will also be cancelled. Should the Covid-19 crisis ease and restrictions on gatherings be lifted, we will look at the possibility of holding some of the cancelled classes during the summer.

As you all know, we are in a time of uncertainty, and as such it is hard to plan. The new educational year is scheduled to start in September. I'm sure that we all hope that by then we will be able to resume our normal activities, within the club, and within our personal lives. If you have any questions or suggestions regarding the educational program, please feel free to call me at 714-642-2164, or email me at gkoenker@gmail.com

I hope you are all staying healthy. I look forward to this crisis being in the past, and seeing all the projects you've been making at Bring and Brag, whenever we have our next club meeting.

Greg Koenker - Educational Committee Chair



Andy Rudy presentation last meeting

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Future Events

Tentative

May 5 th	Tuesday	NCWA General Meeting
May 13 th	Wednesday	NCWA Board Meeting
June 2 nd	Tuesday	NCWA General Meeting
June 10 th	Wednesday	NCWA Board Meeting

Guest Column

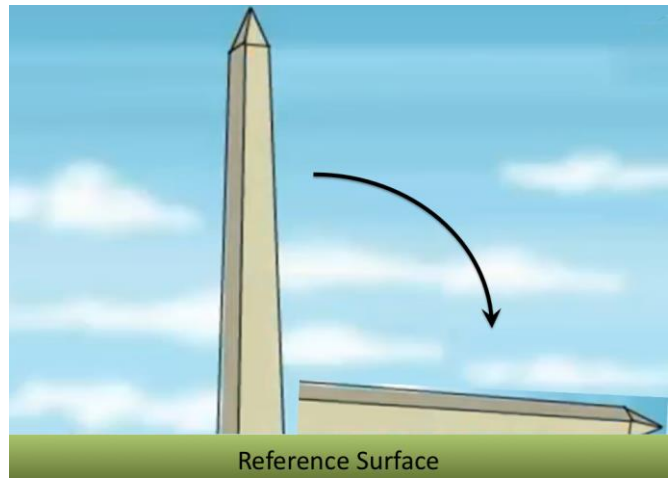
Trouble with Tapers

David Shull

I recently built a set of craftsman-style dining chairs following instructions in Kevin Rodel's 2007 article in *Fine Woodworking* (Vol. 190). However, one seemingly simple procedure that was not well described in the article had me flummoxed. The article stated instructed the reader to, "Cut the shallow pyramid heads on both the front and rear legs."



Yes, I needed to cut pyramids on top of the front and back legs. The front legs were no problem. The legs were square. I just marked the location of the pyramid baseline, angled the blade of the chop saw to 22 degrees (which I thought looked pretty good) and cut the first facet that intersected the pyramid baseline. With a stop block in place, I rotated the work piece and cut the other three facets. Simple. But the back legs were much trickier. Each side had a different taper. So if I were to use the same procedure on the back legs, each time I rotated it, the leg would have a different orientation to the chop saw blade. The four facets of the pyramid would not meet. But, how would I compensate for the different taper angles on each side of the back legs?



I found a couple of weblogs that described the procedure. But, I was not satisfied with the descriptions. The method involved setting the miter gauge and table saw blade to specific angles and it occurred to me that if my chair legs were not exactly the same shape as the blogger's chair legs, the quoted angles would not be meaningful. And, I thought there must be a more general solution to the problem, using the leg itself to adjust the blade angles.

I pondered this for about two weeks. Then, one night I couldn't sleep and I began puzzling over this problem. I imagined the Washington Monument. Like the back legs of the chair, it is tapered on four sides and has a pyramid on top. Then, I imagined tipping the monument over onto one of its sides on level ground. We'll call the level ground a reference surface. Since the bottom side of the tipped-over monument was now parallel to the reference surface, the monument was now tapered on just three sides (relative to the reference surface). I then imagined a wall, perpendicular to the level ground. We'll call the imaginary wall our second reference surface. If I were to push the monument against that wall, it would then be tapered on just two sides since the other two sides were aligned with the reference surfaces. Maybe the more experienced woodworkers in the club figured this out long ago, but it was new to me. A work piece tapered on four sides can be "converted" into a work piece tapered on two sides by simply defining two adjacent reference surfaces.

Back to the chair... I defined the inside and the back surfaces of the chair leg as my reference surfaces. I realized I could then mark the base of the pyramid. Setting my T square fence against the edge joining the two reference surfaces, I marked the base of the pyramid on both reference surfaces. Then, again keeping the fence against the reference surfaces, I extended the baseline across the tapered surfaces. The base was now marked. It was time to cut the pyramid. Back to the chop saw...



For the first set of cuts, I placed one reference surface against the base of the chop saw and the other reference surface against the fence. With the blade perpendicular to the chop saw base, I knew the blade would be parallel to the

pyramid base (because I marked it perpendicular to the reference surfaces). I cut the first two facets of the pyramid by rotating the blade to the right 22 degrees and making one cut then rotating the blade to the left to 22 degrees and making a second cut. These cuts landed precisely along the pyramid baseline.



To make the second set of cuts, I rotated the rear leg 90 degrees. Now, one reference surface was against the fence and the other reference surface was on top. The blade, therefore, was no longer parallel to the base of my pyramid. If I were to cut the last two facets, I would end up with a really ugly pyramid. But, here is the trick, using the work piece itself to adjust the blade angle. I simply placed a square on top of the chair leg (on top of the reference surface now facing up) and slid it over to the chop saw blade. I rotated the chop saw blade (to the left of vertical) until it was flush with the square. Now, the blade was once again parallel to the base of the pyramid.



I rotated the blade left and made a cut, and rotated it to the right and made the cut... A perfect pyramid!

Now, for those of you who have made it to the very end of this story and are thinking, "I don't have any plans to cut pyramids on top of tapered work pieces. Why did I just spend 10 minutes reading a detailed account about how to do it?" There is a more general take-home message: Always define adjacent reference surfaces! Even if your work pieces are not tapered, keeping track of reference surfaces will improve the precision of milling and cutting joinery on your workpieces. And, if you do something weird such as tapering or curving a surface, defining reference surfaces might be imperative for successfully executing your project.

Vendor Support Groups

NORTH

Hardware Sales	2034 James St.	Bellingham	hardwaresales.net	360-734-6140
Bellingham Millwork Supply	3879 Hannegan Road	Bellingham	Bellinghammillwork.com	360-734-5700
Hard Woods To Get	1405 "E" Street	Bellingham	hardwoodstoget.com	360-738-9140
Windsor Plywood	1208 Iowa Street	Bellingham	windsorplywood.com	360-676-1025
Village Books	1200 11 th Street	Bellingham	Villagebooks.com	360-671-2626
Targa Woods	316 W McLeod, Ste 109	Bellingham	hardwoodstoget.com	360-738-9140

WEST

Sebo's Hardware	1102 Commercial Ave.	Anacortes	sebos.com	360-293-4575
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SOUTH

Martin Lbr/True Value	2730 Broadway	Everett	martinlumbereverett.com	425-259-3134
Stormo Hardware	2730 Broadway	Everett	stormohardwoods.com	425-359-8042

CENTRAL

Ekrem Hardware	237 E Fairhaven	Burlington	ekremhardware.com	360-755-0040
Karl's Paints	1515 Freeway Drive	Mt. Vernon	karlspaints.com	360-336-2855
Mt. Vernon Bldg Center	815 Roosevelt Way	Mt. Vernon	mvbc-online.com	360-424-9073
Cedar Creek Lumber	950 B Fountain St.	Burlington	cclumber.com	360-757-6343
Sherwin-Williams Paint	1526 Riverside Drive	Mt. Vernon	sherwin-williams.com	360-428-3775

EAST

E & E Lumber	201 W. State Street	Sedro Woolley	eelumber.com	360-856-0825
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SPECIALTY

Edensaw Woods	211 Seton Rd.	Port Townsend	edensaw.com	360-385-7878
FASTCAP	5016 Pacific Highway	Ferndale	fastcap.com	888-443-3748
Hartville Tool	website only		hartvilletool.com	800-345-2396
Klingspor	website only		woodworkingshop.com	800-228-0000
Rockler Woodworking	832 NE Northgate Way	Seattle	rockler.com	206-634-3222
Woodworkers Supply	website only		pro.woodworker.com	800-645-9292

Officers and Chairpersons 2020

President	Jim Bucknell	(360) 305-2118	Programs	Phil Humphries	(360) 752-0082
Past President	George Knutson	(425) 753-4476	Education	Greg Koenker	(360) 543-7090
Vice President	King Dahl	(702) 596-9727	Librarian	Bill Pierce	(360) 435-1674
Secretary	Angela Hills	(208) 651-3122	Newsletter	Jane Wynn	(360) 224-7001
Treasurer	Al Ashley	(360) 474-9711	Membership	Gary Danilson	(360) 540-5768
Webmaster	Mike Titus	(360) 525-4131	Toys for Tots	John Braun	(360) 724-3011
Member at Large	Jim Hickey	(360) 297-4349	Member at Large	Jim Ferguson	(817) 247-1136
Member at Large	Sascha Vandette	(360) 755-3043	Member at Large	Phil Humphries	(360) 752-0082
Shop Tours	Jim Redding	(206) 307-4553	Shows	David Vandette	(360) 755-3043

The NCWA is open to all interested woodworkers, and was formed to promote high standards in woodworking, woodworking education and showcasing local woodworking. Meetings are generally held on the first Tuesday of each month at 7:00 pm. Location is announced in the newsletter. Dues are \$35 per year, payable to NCWA, 26220 48th Ave NE, Arlington, WA 98223. Newsletter submissions are welcomed and are due the 3rd Saturday of the month. Submit by email to janekirstine@comcast.net with subject line as NCWA Newsletter.