

June 4th Demonstration with Brad Adams

BAWA member Brad Adams will be our demonstrator at the June 4th meeting. Brad is an excellent professional bowl turner with a shop located in a waterfront industrial park in Benicia. Brad sources wood from locally felled trees but also specializes in Maple and Madrone burl trucked in from Northern California and Southern Oregon.



One of Brad's signature pieces is a dyed burl bowl that is stunning. We have seen a number of them at our meeting show-and-tell, so we asked Brad to demonstrate the complete process from start to finish. For those who have seen Brad previously, you also know he has a wealth of practical knowledge - more so than many demonstrators we have had in the past. He has perfected efficient techniques as a production turner that streamlines the process for making bowls. No doubt everyone will learn something useful that they can take back to their shop. If you like turning bowls or are interested in burl then come early and get a good seat. This will be one of the best demonstrations of the year.

Doors open at 8:30, the meeting starts at 9 and runs to noon. Lets make the show-and-tell theme "bowls and burl." If you have one of those or anything similar, bring it in. We all enjoy seeing and learning from other members work. Of course the highly acclaimed wood raffle will close the meeting - its even better when everyone donates a piece.





BAY AREA WOODTURNERS ASSOCIATION

A CALIFORNIA NONPROFIT CORPORATION
LOCAL CHAPTER AAW

Club Meetings

Meetings are the 2nd Saturday of each month unless otherwise noted.

8:30 doors open for setup, use store and library, swap ideas, view displays

9:00—12:30 meeting and demo

Meetings will be held at the PHEC Woodturning Center, 1 Santa Barbara Road, Pleasant Hill, CA.

See bayareawoodturners.org/ for directions and club information.

BAWA Officers Meeting -

Officer meetings are open to all members. Contact [John Cobb](mailto:John.Cobb@bayareawoodturners.org) if you would like to be on the agenda.

2016 Event Schedule

June 4th	Brad Adams 8:30-12:00
July 9th	Turn for the Troops 8:30-12:00
August 13th	Picnic 10:00-2:00
September	TBA
October 23rd (Sunday)	Art Liestman 8:30-4:00
November	TBA
December	Holiday Party (Details to Come)

The Bay Area Woodturners Association is a local chapter of the American Association of Woodturners. Our purpose is to provide a meeting place for local turners to share ideas and techniques and to educate the general public regarding the art of turning. The Association usually meets the second Saturday of each month. The Association periodically sponsors exhibitions and demonstrations by local and internationally known turners.

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Pat Johnson Shares Three Projects at May Meeting

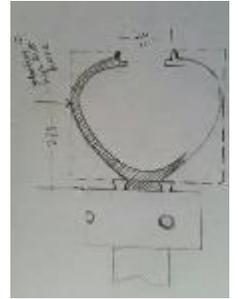
Last month's demo by [Pat Johnson](#) was a rousing success as he tackled 3 demonstrations.



First up, the **Scent Vessel** which involves 3 different turnings, the base-bowl, lid and finial. **For the base** we need a blank, 5 ½"x5 ½"x4 ½" (thick). Start between centers, turn a tenon and re-chuck the blank using the tail stock for support. Work the top 2/3rds of the base and make a rounded curve leaving space for the lid (about 2 ½" inches wide). Cut recess for the lid and add a bead to accentuate the space for the lid and a flat about ¼" below for the lid to rest on. Finish refining the shape and take down some of the wood towards the bottom but leave some meat to support the hollowing process. Sand upper 2/3rds moving through the grits. Pat ebonized the entrance using vinegar and steel wool. Drill a depth hole and hollow inside—target a ¼" wall thickness.

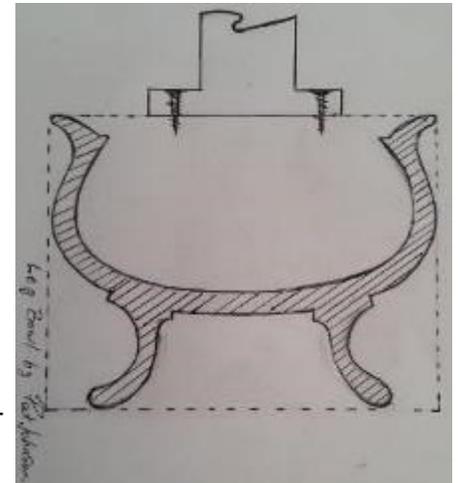


Turn base around and chuck using the recess cut for the lid—be careful to not overtighten and crack the lid. Finish shaping bottom targeting a 1 ½" to 2" bottom. Add a small cove above the base to help accentuate the overall curve. Sand through the grits. Save some of the shavings and use them along with some essential oils in the bottom to provide the scent.



Finial – use a blank 1"x1"x4" long of long straight grained wood. Start the blank between centers, rough out to round and turn a tenon that fits a No. 2 Morse tenon, approx. 1" in length. Insert the blank into the head stock bringing the tail stock up forcing the blank securely ready to turn. Turn a 3/8" tenon at the bottom of the finial about ¼" long. Work from right to left considering the design and shape of the finial with the idea of removing wood from the original shape of the turning. Finial will be asymmetrical—use your eye and instincts to layout the spiral. Using a 3/8 inch rotary drum sander (Saber carbide cutter) in your right hand, rotate the lathe counter-clockwise whilst moving the sander along the finial creating a spiral effect. Clean up with a ¼" sander and lightly sand to finish.

Lid – use a blank 3" x 3" x 1" (deep). Start the lid by turning a spigot so as to transfer it onto a chuck, once this is accomplished secure lid on the chuck and measure twice to fit into the recess of the vessel then start turning determining the diameter carefully so as to fit snug. Bring vessel up to check until happy the lid fits perfect. We want to shape the underside of the lid now with a couple of passes finishing with a concave shape about ¼" deep, sand and finish. Now we have to reverse the lid and hold in a chuck to work on the top of the lid. Once reversed and secure we can now determine the shape of the top of the lid considering the size of the base of the finial; also a hole needs to be made for the finial tenon. Drill a hole for the tenon now. I come out ¾ inch from the center of the lid and make a mark so as to remind myself where the base of the finial will locate. This now is a no go area as our design will transition from the outer edge of the lid up to the base of the finial. Now finish turning the lid keeping the shape simple with a slight convex up to the mark for the base of the finial. Draw freeform shapes on the lid and carve away using the Saber cutters (3/8" and ¼") to add an interesting unique dimension.



(Continued on following page)



3 Legged Bowl – blank 5 ¼” x 5 ¼” x 4” thick. Start between centers, round, and turn a tenon on what will be the top. Rough out the external profile of the bowl. Working from left to right begin to determine the parameters of the bowl section and legs. Measurement is important here as we need to consider not only symmetry but also strength properties for holding on the lathe. Roughly speaking, bowl is 2 ½” tall and legs about 1 ¼”. Legs are narrower than the top, about 4” wide. Reverse and chuck blank and begin working on bottom. Hollow out the bottom cove area, following the outside curve to a depth of about 1”. Form a small rebate on the base to allow the bowl to be reversed and hollowed.

Sand base and reverse bowl. Continue to refine overall shape of the bowl section. Hollow out bowl and follow the contours of the outside shape. Leave a small flat at the top in case you want to add a lid later on.

Remove bowl from chuck and work on removing wood on the bottom to shape the 3 feet. Place a 3-1/2 inch diameter x approx. 12 inch long drum sander with 80 grit sandpaper on the lathe between centers. Mark on the bottom of the bowl the 3 points where the center of the legs will finish. Sand the contour of the drum sander between the marked points of the legs. Repeat 3 times to reveal the legs. Sand the legs through the grits to finish the piece.

2 Bowls from a Sphere - blanks required: 2 blanks 5-1/2 inches in diameter x 4-1/2 inches thick and 2 blanks 2”x2”x2”. Prep blanks and glue them together with a sheet of newspaper sandwiched between. Between centers turn the sphere with a finished diameter of 5-1/8 inch. Check progress against a template with the appropriate arc. Once sphere is finished determine what embellishment, if any, you will do on the outside surface (e.g. texturing, coloring). Embellish surface (or not) then set the sphere at a different axis to turn the first detailed area, (e.g. a bead, cove, 1/8” recess or a series of V cuts). Use wooden or plastic cup on the head/tailstock to allow the sphere to be held at different axis.



Once turning is completed, prepare surface and then finish embellishment with gold leaf, dyes, texturing, etc. unleash your inner artistic flair. Once finished, set on another axis and turn your second detailed area. Once happy with the turning work on the 2nd axis, embellish the surface to contrast with the 1st axis. Now split the sphere to be able to individually re-chuck each half. We now have two bowls.

Attach one half to the lathe in order to put a recess in the base of the bowl which will enable you to turn the inside of the bowl. The diameter of the recess must be considered.

Too small and it will not effectively be held so as to finish the inside. Too large and it will take away from the ascetics of the bowl. Turn the recess to 1 ¾” inches which can be held on the lathe with shark jaws or similar. Establish the wall thickness of the bowl taking into account the need to save a small 2 inch blank to be used as the foot of the bowl. Turn the inside of the bowl, and save the small blank as mentioned. Continue turning by following the external sphere shape with a continuous round bottom. Using the 2 inch blank turn a spigot that fits into the recess at the bottom of the bowl. The blank is now held in the shark jaws and finished making the foot of the bowl. Repeat the process with the other half.



Tips and Techniques

I make lots of boxes of all sizes. In order to do this I have lots of different shapes to finish the bottoms and it forces me into being creative.



by Cindy Navarro

I save many odd pieces from things that I am making and I keep all of them if they are greater than 2 inches. I then have a ready source for making jam chucks for the boxes. I make many boxes of similar size so I make a batch of jam chucks in increments of 1/16" difference and most of the time I have an appropriate size and don't have to take time to make one. 9 out of 10 times I can just use one I have on hand. I clearly mark each of them and have a drawer full ranging from 1/4" to 3". If I have a box that is between sides I use either blue tape or a paper towel to make it fit properly.

Jam chucks and face plates are good things to have ready and on hand to reduce time in making items, especially if you are making more than one at a time.

Faceplates are also really good for making small items that might be too small for a chuck, unless you have a small chuck. I purchase faceplates and attach wood to them and make them round. Then I can use them using hot glue and make very tiny pieces.

Another way, I learned from Bonnie Klein to make small faceplates is to purchase lock nuts, the kind with the nylon washer, to fit your threaded head stock. I then take maple 2x2x3, 3x3x3, or 4x4x3 and then using a forstner bit drill a hole deep enough to just accommodate the nut. I chisel the hole to fit the nut and epoxy it into the wood, mounting it so the nylon washer is toward the headstock. I then cut out the nylon washer. This will allow it to be used, but it will not stick because it won't jam against the headstock. I can then attach things with hot glue and when the piece is completed, just cut it off using a parting tool.

Library Recommendations

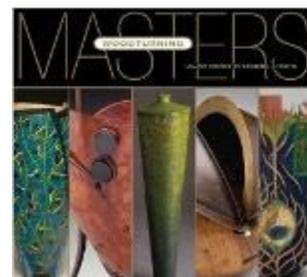
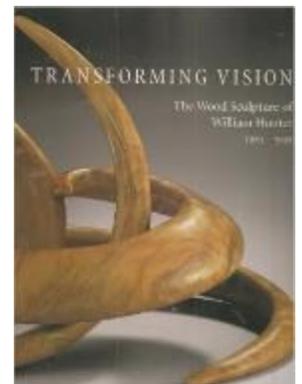
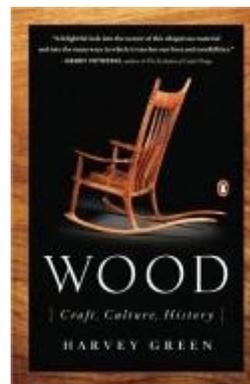
Books/DVDs

I thought a lot about what book or DVD to review and I am going to recommend three books that I think are full of information that I have found helpful.

The first is **Wood, Craft, Culture, History** by Harvey Green. This is a book that has taken me a while to read, but it is a great reference book full of information about wood and its use in our lives throughout history. It also explains information about different woods. Well worth reading.

Second is **Transforming Vision, The wood Sculpture of William Hunter 1970-2005**. This is a stunning visual book that explores the work of William Hunter over 35 years. It is interesting to see the development of his work. I found that it made me realize the importance of documenting one's work to see how it develops overtime. The pictures are stunning and are also good for ideas about form and design.

Third is **Woodturning Masters, Major Works by Leading Artists**. This book will introduce you to many turners you may not have heard of before. The images will broaden your ideas of form and design and what is possible. It is possible that it will encourage you to try something new. It will broaden your mind and your idea of what is possible in woodturning.



Presidential Ramblings

June 2016



Unfortunately I missed the May meeting but I understand Pat was a big success. His presentation was well constructed and the projects were interesting and certainly approachable for the club.

Our June meeting has BAWA member Brad Adams who is one of our most requested demonstrators. Brad is a high end production turner who is always generous with advice, tricks and tips when he demonstrates. I guarantee you will pick up more than a few kernels of wisdom that will make you a better bowl turner.

The July meeting is our third annual Turn for Troops event. Jeff Tanner graciously organizes the opportunity for club members to come in and turn pens for 3 hours which all get donated to US troops serving abroad. If you have never turned a pen before, this is a great time to learn as we have many experienced members who are willing to give you a one on one direction. For those with more experience, we love to see how many pens you can crank out and we will once again have the speed contest at the big lathe which is always a hoot. We will have the coffee pot cranked up, so for those less inclined to turn but willing to “supervise” and talk turning with a cup of Maxwell House in hand - we want you too.

I believe Jeff has set a goal of 120 pens this year, which is pretty good for 3 hours of work. I look forward to seeing everyone enjoy the camaraderie of the club while doing something important for those who are called to serve our country.

When it rains it pours - so they say, which actually doesn't apply to California rain but in life when something starts it often times escalates to a crescendo. Unexpectedly, that's been the rule for the Cobb household this past month; relative calm turned into urgent issues on many fronts. While my priorities completely reshuffled, I was fortunate to have great friends who stepped in to help out which I greatly appreciate. To all those who made the May BAWA meeting a success in my absence and finished cleaning out a member's tool storage - thank you very much!

Summer is a great time to open up the shop doors, crank up the tunes and have fun in the shop. Get an idea from the show-and-tell table, check out the first Thursday demo's or peruse the AAW website. There are plenty of resources out there to get you energized about grabbing a tool and switching on your lathe.

I look forward to seeing everyone this Saturday.

Cheers
John Cobb
President

July meeting: Turn for Troops

Our July 9th meeting will be our third annual Turn-for-Troops event where we will turn 100+ pens which will be sent to men and women serving abroad. Last year we turned over 120 pens and this year we hope to exceed that goal. There is room for everyone, from novice to expert to be involved. If you haven't turned a pen before this is a great way learn the process as there will be a room full of experienced turners willing to coach. For those who have some pen making skills, pick out a couple figured blanks and make something special. This is a great opportunity to offer your skills to support family and friends doing a great service for our country.

For those who think they can turn fast, we will have the big lathe set up for the speed competition and you can attempt to break Dean's record of 36 seconds.

Jeff Tanner has once again done a huge amount of work prepping, gluing and trimming all the blanks that we will turn. Thanks Jeff, we definitely appreciate the commitment to make it a successful event. This is a fun social meeting that gives back to members of our community who are proudly serving abroad. Doors open at 8:30, the store will be open and we will have the wood raffle at the end of the meeting around noon.



Membership News

By Tim Kennedy

BAWA has 135 paid-up members for 2016 and 6 life members. No new members joined in May.



At last month's meeting, I shared the story of developing a rash while working with some walnut. While surfing the internet, I found a site that listed over 200 common woods with the toxicity and possible allergic reaction to these woods.

Please follow the link:

<http://www.wood-database.com/wood-articles/wood-allergies-and-toxicity/>

Tim

DON'T FORGET!

Bring some of that wood you have taking up space in your shop to share in our monthly raffle.



New AAW Guest Membership Program

We have a **Guest** membership program for you to offer chapter members who are not yet AAW members. By signing up for a complimentary **Guest** membership, clubmembers can have limited access to AAW member resources for a full 60 days. They'll be able to explore what the AAW has to offer, kick our tires, and hopefully decide to become full-fledged AAW members and benefit from everything the AAW has to offer.

Our Guest membership welcome page at <http://www.woodturner.org/general/custom.asp?page=GuestMemberLanding> has handy resources for getting started in woodturning, the Safety Guidebook for Woodturners, and much more. We will be adding sample articles to this page from each new *American Woodturner* and Woodturning FUNdamentals issue. All AAW members have access to the materials on this page. Check it out and help us spread the word.

General Elections



Since BAWA has not heard back from their respective campaigns, it can be assumed that Hillary, Donald and Bernie will not be on our ballot in October.

Crazy politics aside, this coming September the club will be compiling nominations for our Board of Directors. At the following meeting in October, the membership will vote for President, Vice President, Treasurer and Secretary. These positions are a great way to give back to the club and continue the effort to make BAWA one of the best clubs on the West Coast. Each of these jobs requires a varying amount of time, if you are organized, on average the commitment is a few hours of work per week with some periods more busy than others. Here is a short description of each position:

President: Chief organizer and delegator. You oversee the group of directors and officers to ensure all of the club functions are running properly. Periodically checking in with all officers for what they need to do their job and take input on how things can improve. You get to choose which and how many functions you want be involved in - it is very much a custom role adapted to the strengths of the individual.

Vice President: The VP is responsible for meeting content. They schedule local and professional presenters for the club's monthly meetings and write newsletter reviews. This past year, VPs from other local chapters have begun coordinating with each other - a great effort that can continue to develop. One of the great benefits of this job is that you get to know many members of BAWA, other clubs and the professional demonstrators that make up our calendar. Time requirements for this position fluctuate, some weeks will be busier than others. It's possible two members can share this role.

Treasurer: The keeper of the books is responsible for creating an annual budget, monthly status reports along with regular credit and debit processing. We currently use Quickbooks which has streamlined the function. Joel will work closely with the new Treasurer over a period of time to ensure a smooth transition.

Secretary: A great entry point for a new member to get involved. You take notes at Board meetings and help the President track action items.

BAWA is financially very sound and continues to grow in membership every year. Joining the Board or working as a club officer is a great way to ensure the club continues to thrive and improve. If you are interested in a board seat or have any questions about getting involved send me a note: president@bayareawoodturners.org

This is a great time to get involved.

Cheers
John Cobb
President

May Show and Tell

David Fleisig-
Segmented and
Natural Edged
Bowls



David Plemons-
Blackwood Hollow
Forms



Lana Fly-
Madrone, Chinese Elm,
Walnut, Black Acacia
& Mystery Wood



Kim Wolfe-
Birch with
Copperleaf



Anthony Strazhnikov-
Live Edged "Stitched"
Bowls & Walnut Box



Tim Kennedy-
3 Mulberry Bowls



(Continued on following page)

May Show and Tell Continued



Harvey Klein-
Maple Rolling Pin



Brad Adams-
Two Closed
Vessels



Gary Bingham-Platter Stand & Platter



Earl Gentry-Old Tools



CRAFT SUPPLIES 10% DISCOUNT ORDER

The 10% discount applies to any published price (including sale items, close-outs, etc.) and there's no tax and S&H is free on almost all items. Craft Supplies has a new catalog that includes new items with a different item numbering system. There have been some price increases as well so don't use old catalogs. If you don't have the latest catalog please look on-line to pick your loot and check prices and item numbers.

Orders are placed by filling out an electronic order form which is available on the BAWA website. E-mail the form to Dean Adkins (adkd@chevron.com) with all the requested information:

- Member name, phone number and e-mail address
- Catalog item number
- Catalog page number
- Item description
- Quantity ordered
- List / sale price (before 10% discount)

You can call Dean (925-998-4111) to place an order, but must follow up with an e-mail to confirm all the required information.

Repairing Small Cracks and Checks with CA Glue



You've selected a beautiful piece of wood and at the beginning of the turning process, or part way through it, the wood begins to show small checks. Don't throw it out! Those checks can be easily filled and will barely be noticeable in the end product.

- With the lathe off, use a paper towel to dab the check with a small amount of the oil that you will use for your final finish—Waterlox, tung oil, mineral oil or other oil finish.
- Wipe away the excess.
- Apply a small amount of thin cyanoacrylate (CA) glue to the check.
- Use 220 grit sandpaper and sand the area, creating a slurry to fill in the crack.
- It may be necessary to repeat the process two or three times before the small check is completely filled.
- You are now ready to sand the entire piece and apply the oil finish you used earlier.

Applying a dab of the oil finish to the checked area before applying CA glue keeps the glue from staining the wood.

~ Janice Levi, based on tip from
Linda Bohl-Berry
Gulf Coast Woodturners Association
Houston, TX

(Thanks to:
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