



October-Cindy Drozda



In October, BAWA will host the incomparable Cindy Drozda. She will be making her iconic Finial Box. Her process covers layout, the frugal use of only three pieces of wood, and the tool work with which she makes the delicate features for which she is famous.

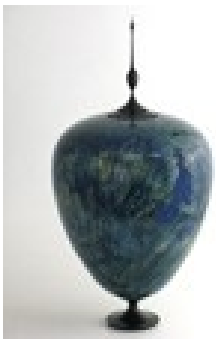
The voice of the artist:

I am fortunate in having discovered very early that my love of working with wood could be cultivated into a way to make a living. At age 19 I took a job at a player piano factory, where the owner of the factory gave me a valuable gift that changed my life's direction. The player piano factory was the hobby of a California lawyer who loved machinery. He had a large building full of 19th century woodworking machines driven by a working steam engine that he fired up once a year to put all of the antique machines through their paces. There were modern machines at the piano company as well, and I was encouraged to learn about any and all of them that inspired me.

The owner of the factory was always available to answer my questions, and to suggest new projects for me to explore. During the 5 years that I worked there, I got a good basic understanding of woodworking, metal machining, brazing, plastics, adhesives, fasteners, engineering, and manufacturing. Thanks to this man, I have been free to discover and pursue my own passion.

Working in small cabinet shops until 1992, I then turned to full time self-employment. I explored several options, including making hang gliding equipment and building airplanes, before realizing that working with wood was my true passion. My first experience with turning wood was in 1984, when I made a pair of chairs with turned spindles.

Woodturning continued to be one of my many hobbies until I made it my full time occupation in 1998.





BAY AREA WOODTURNERS ASSOCIATION

A CALIFORNIA NONPROFIT CORPORATION
LOCAL CHAPTER AAW

Club Meetings

Club Meetings-

Meetings are held on the 2nd Saturday on each month by Zoom conferencing. Invitations are posted to all members: guests are welcome by request to: membership@bayareawoodturners.org who will forward an invitation to the next meeting.

Zoom sessions open at 8:30am. The meeting start time is 9:00am.

See bayareawoodturners.org/ for club information.

BAWA Officers Meeting -

The Association's officer meetings are held each month. Contact Jim Rodgers at: president@bayareawoodturners.org for more information.

2020 Event Schedule

October 10th	Cindy Drozda-Remote Final box 8:30am - 12:30pm
November 14th	Cheryl Lewis-Remote Encaustic bowls 8:30am - 12:30pm
December 12th	Jim Rodgers-Remote 8:30am - 12:30pm
January	Seri Robinson-Remote Everything you wanted to know about Spalting 8:30am - 12:30pm

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.

President
Jim Rodgers
president@bayareawoodturners.org

Vice President
Richard Dietrich
vp@bayareawoodturners.org

Secretary
Steve Griswold
secretary@bayareawoodturners.org

Treasurer
Claudia Foster
treasurer@bayareawoodturners.org

Member at Large
Anna Duncan
memberatlarge@bayareawoodturners.org

President Emeritus
Kim Wolfe

Pleasant Hill Adult Education (PHAE) Liaison
Jim Rodgers
Jlrogers236@comcast.net

Librarian
Cindy Navarro
librarian@bayareawoodturners.org

Membership
Hugh Bevin-Thomas & Karen Rice
membership@bayareawoodturners.org

Store Manager
Richard Kalish & Michele Freeze
storemanager@bayareawoodturners.org

Webmaster
Jeff Tanner & Greg Ketel
webmaster@bayareawoodturners.org

Newsletter Editor
Louie Silva
newslettereditor@bayareawoodturners.org

Video Coordinator
Dave Bentley, Larry Batti & Ed Steffenger
videocoordinator@bayareawoodturners.org

Woodmeister
Tony Wolcott
woodmeister@bayareawoodturners.org

Educational Coordinator
Jan Blumer
educationalcoordinator@bayareawoodturners.org

Pro Demonstrator Liaison
John Cobb
Cobbemail@gmail.com

Staff Photographer
Rick Dietrich

Social Coordinator
TBA

John Beaver's September Demo



John Beaver's iconic wave bowls have been popular for years. In fact, he demonstrated his process of making them to BAWA back in 2015. In September, he returned remotely to give BAWA the low-down on an enhanced version of the wave bowl – the Protruding Wave Bowl. This former film director was well prepared to show all the tricks involved in his production. His four cameras were well positioned to show details of the planning and execution of his bowls.

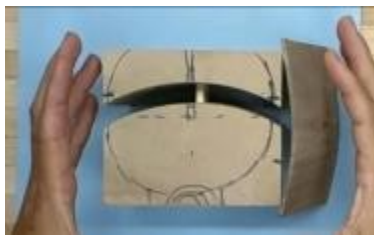
Starting with the simple wave bowl, he walked us through the process of marking out a square turning blank. He would draw an arc with a radius equal to the diameter of the bowl, drill two holes for dowels through the top, cut the arc with a bandsaw, and insert a steam-bent piece of contrasting wood. When the blank is turned into a bowl the insert would take on a wave pattern.

Construction of the Protruding Wave Bowl was more complex. Starting with a thick walled turned bowl, he made 2 MDF inserts to be glued into the interior of the bowl. These were drilled to accommodate custom fitted dowels. The bowl was mounted in a chuck and the chuck, in turn, was mounted in a band saw jig to hold it during cutting. Two arcs were cut, yielding the wave portion and the top and bottom parts of the bowl.

Putting the wave portion aside, he inserted a similar thickness spacer of steam-bent poplar between the two bowl parts. The assembly was held together by jamming on the lathe. He hand-drilled depth holes $\frac{1}{4}$ " deep along one side and carefully turned the bowl down to that depth. Then he disassembled it and reassembled it with the original wave portion, which by now protruded $\frac{1}{4}$ ". The parts would be glued together and the interior turned to finish the project.

John spend the last 45 minutes of his presentation making a round bottom bowl. His design incorporates a fair curve which extends to the bottom of the bowl allowing it to rock or spin freely. He went over design considerations in detail before turning a round bottom bowl. Duct tape saved the day as he encountered large cracks in his piece but was still able to turn it to completion.

Throughout the demonstration, John's explanations were clear and covered all details of the project. He took the time to answer questions during and after the demo. John's creativity and his solutions to problems were inspirational. John was kind enough to allow us to record his presentation. It is available to members only on the BAWA website and has many more details than could be included in this summary. Also on the website are his instruction sheets for both types of wave bowl.



Wave bowl setup



Contour gauge



Sawing insert



Gluing up



Establishing radius of arc



First cut with contour gauge



Space for spacer



Depth holes drilled



Original wave ring inserted



Sanding protruding wave ring



Round bottom wave bowl



Checking roundness



Hollowing interior



Yes, bottom is round

President's Letter

October 2020



Well first, I apologize for not completing a video on my process for creating a lidded box with mechanical threads. I intended to complete the project, but personal complications affected the results.

Sorry. I will still produce one for the fun of it and probably using the brass fittings rather than the black plastic.

If you received an email from me asking for your cooperation in purchasing gift card - it was all a hoax that was unknown to me until too late. I apologize for the communications. Long hours with Comcast have had little results in correcting the process that was used.

Meanwhile, we have begun to add additional capabilities to the BAWA web site by adding a library check out procedure and also a process for securing discounted supplies from our store. Yes, they exist; and will be open to you as soon as an inventory list is posted to our web site - within the next two weeks.

This year has provided challenges to our organization but also it has provided many new opportunities to see the best of the best demonstrations each month. This is a new value to our membership which I am happy to recognize. Check with Rick Dietrich for the great future demonstration that he has secured.

See you Saturday and ---- stay safe!

JimR

Membership News

By Hugh Bevan-Thomas



Membership Challenge:

As I mentioned in our last meeting, I think we can all agree that the board has done a fantastic job of organizing these virtual meetings whether they be regular meetings or sawdust sessions. There are many people who donate their time and effort to make this happen without recognition of their dedication and hard work. One way we could show our appreciation would be to have a large number of people renew their membership early.

My CHALLENGE to you, is to have 50% of our membership ie: 70 members, renew their membership before our next meeting in November. This is just a gesture to show our support for our hard-working volunteers.

Since we can't meet in person, There are two ways in which you can renew:

Renew online

This is very simple and the instructions can be found on the BAWA website. You Can use Paypal or credit card

Renew by mail

Make your check out to BAWA and send the check to
The BAWA Treasurer
334 Boca Raton Ct.
Walnut Creek, CA 94598



Lathe for Sale

I'm offering my Jet 14-42 Lathe for sale.

\$750

People can reach me at gene@blazick.com



Rockler Helps BAWA Members

BAWA members receive a 10% discount when purchasing directly at the Concord Rockler Store at:

<http://www.rockler.com/retail/stores/ca/concord-store>.

Mention your BAWA membership when checking out, to receive your discount. Rockler also donates part of the proceeds back to the club which help support our Holiday Party raffle.



Taking Measure

COVID-19 has disrupted the entire world, and it is affecting all of us, in every aspect of our lives. Self-quarantine, Social distancing. It can be overwhelming and stressful. Until this crisis passes, we must continue to create, learn, and share.

That said, now may be the perfect time to isolate yourself in your workshop-- turning, planning and prepping for projects, reviewing favorite woodturning magazines, watching videos, and more.

Remember, safety is always a top priority. Take measure: observe precautions, act wisely, and keep yourself safe. Together we are stronger, together we are the woodturning community.

BAWA Classified Ads



We want members and others with items to sell or trade, services to render or if you're just looking to find a specific item from fellow BAWA members. Please send ads to Louie Silva at:

newslettereditor@bayareawoodturners.org

You can't beat the price...FREE!!

President's Challenge Part1-Lidded Box



Dave Bentley



John Langen



Dave Fleisig



Charlie Saul



Charlie Saul



Charlie Saul



Jay Holland



Jay Holland



Andy Firth



Bob Nolan



Bob Nolan



Jay Holland



Ed Steffinger



Ed Steffinger

Continued on following page

President's Challenge Part1-Lidded Box



Kim Wolfe



Kim Wolfe



Garry Seidlitz



Vern Stovall



Rick Dietrich



Jim Campbell



Jim Campbell



Jim Campbell

The Presidents Challenge Part 2

This is Jim Rodgers with Part 2 of the Presidents' box challenge. Below is a video explaining the next box challenge. There is only one main requirement for making this second box. Please view the film, get your box ready so you can submit pictures to Rick Dietrich (vp@bayareawoodturners.org) before the next meeting on October 10, 2020, with Cindy Drozda.

I will also be making a box and will video tape it, then send it to all of you.

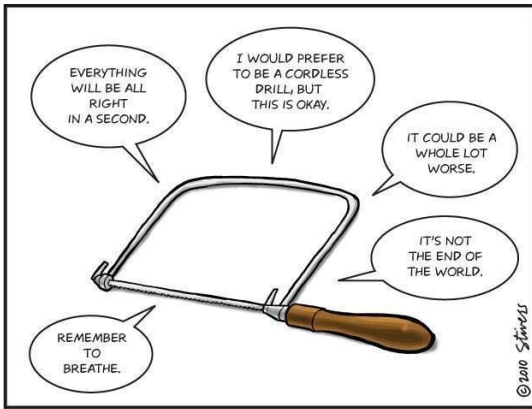
Good luck, I look forward to seeing your box. The design is yours, so use your creativity and have some fun. It can be large, small or something in between.

Be safe, get busy, and have fun, see you soon.

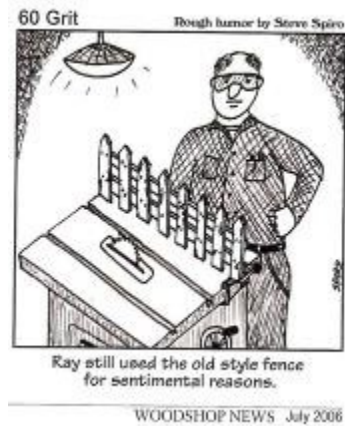
Please click on the below URL (Jim Rodgers, The Presidents Challenge Part 2 Video)

<https://youtu.be/5WRtXzzCXGk>

Hardwood hardy, har, hars!



COPING SAW



Attention BAWA members who shop on Amazon.com

BAWA is always looking for ways to generate funds to improve our Club. BAWA recently registered with Amazon's program to support charitable organizations, AmazonSmile. It is an easy, no cost way for our Club to benefit from your Amazon.com shopping expenditures.

AmazonSmile is a simple and automatic way for you to support your favorite charitable organization; **BAWA!** When you shop at smile.amazon.com, you'll find the exact same products, prices, and Amazon Prime benefits as Amazon.com, with the added bonus that Amazon will donate .5% of the purchase price to BAWA.

Here's how it works:

To shop at AmazonSmile simply go to smile.amazon.com from the web browser on your computer or mobile device. On your first visit to AmazonSmile, you need to designate BAWA to receive donations before you begin shopping. We are one of the almost one million charitable organizations registered with Amazon Smile. From then on when you enter Amazon through <https://smile.amazon.com/> every eligible purchase you make will result in a donation to BAWA.

You may want to bookmark the AmazonSmile URL to your desktop or mobile device to insure that you don't end up at the standard Amazon portal, thus bypassing benefit to BAWA.

If you haven't already done so, please consider registering with AmazonSmile and designating BAWA as your beneficiary. And encourage your friends and family to do likewise! We look forward to updating membership monthly on donations from this unique program.



Virtual Show & Tell September

Anna Duncan



Patched Bowl

David Fleisig



Platter

Rick Nelson



Reclaimed Redwood Vase

Starting Stock

Mike Bulat



Gilded Bowl

Continued on following page

Virtual Show & Tell September

Jim Campbell

Peter Naktani



Pen



Blank



Bowl



Light



Bowl



Bowl Bottom



Drive centers

by Kurt Hertzog

In spindle and some facegrain turning, the work is driven and held captive between centers. Every drive center is engaged with the work in a temporary and non-fastened method.

Most spindle and some facegrain turning can be done with one of four categories of drives: two-spur, four-spur, multitooth drive (MDC), and safety center drives.

Most drive centers are available in various Morse tapers as well as versions to be clamped into a four-jaw chuck. I find that I have use for all of the types of drive centers covered here.

In addition to the most common drive centers, you will encounter pin chuck drives, friction drives, screw drives, and mandrels. As your turning tasks

become more diverse, you'll probably find cause to add a few of these specialty drives to your collection.



Chucking a bowl blank between centers offers tool access around the form and allows you to balance grain patterns or align the rim (on a natural-edged form, for example).

TOOLS: Drive centers



Two-spur (left) and four-spur drive centers.



An assortment of four spur drives. Whether taper or chuck mounted, all feature adjustable center points.

Two-spur drive centers

The two-spur drive has two spurs or “wings” to engage the blank. Most have an adjustable center point, allowing the drive center point to be tailored to the density of the blank material. Removing the point makes it easy to re-sharpen, but these centers are always used with the point set in place.

The most common use for two-spur drives in my shop is for driving green wood bowl blanks between centers. I will prep bowl blanks between centers to turn to round, complete the rough outside shaping, and cut the tenon for a chuck mounting or a flat surface for a faceplate. The two-spur model excels in green wood. With the spurs parallel to the grain, it engages the wood with less tendency to bore into the blank like a drill bit. Its use is limited in dry wood, where it tends to act like a splitting wedge, especially in end grain.

Four-spur drive centers

The four-spur drive center is the default driver included with many lathes. The four-spur will work for nearly anything provided it can be engaged into the end of the work piece. For

dry wood turned on its long axis, this often requires the four-spur to be driven into the end grain. Whack the Morse taper end of the four-spur into the work to seat the center point and engage the spurs with the wood. Use the closest wooden driver of your choice—a mallet, a 2 x 4, or handy billet from the firewood pile.

But *never* strike a metal drive spur with another piece of metal. This is potentially dangerous and will also peen-over the end of the Morse taper. This in turn will interfere with the fit of the drive in the lathe, and can easily damage the inside of the lathe’s Morse taper spindle—an expensive repair.

Four-spur drives tend to spin in green or soft woods. Whether the work is in facegrain or endgrain orientation, a two-spur drive will usually perform better than a four-spur in these situations.

As with the two-spur center point, the length of the center point in a four-spur drive should be adjusted based on the turning stock.

TOOLS: Drive centers



The author's collection of MDCs including an MDC-style revolving tail center. Whether taper or chuck mounted, all work the same and are incredibly versatile.

Multitooth drive centers

The MDC (Sorby's Steb is a well-known example) has a spring-loaded center pin with an outer circle of small teeth to engage the work. Advancing the tailstock center compresses the MDC's center pin and engages the teeth in the wood. By varying the tailstock pressure, the drive can be engaged lightly-to-forcefully.

One of the advantages of the MDC is the ability to manipulate a blank without turning off the lathe. Retracting the tail center sufficiently to disengage the teeth, yet maintain the center point engagement, allows the workpiece to be stopped by hand to gauge progress with the lathe still running. Further tailstock retraction allows the blank to be removed from the lathe. This same technique allows for loading and unloading by simply retracting or advancing the tail center with the work held only between the points. For the professional turner, this improves production efficiency, saves energy, and reduces wear on the lathe.

This drive center, like the others, is available in a variety of sizes to meet a range of applications. MDCs work best on dry or dense wood with a flat surface to engage.



A safety or ring center drive

Safety centers

The safety center goes by several names, including friction or ring-drive center. It has a center point, often adjustable, with the fixed outer ring providing the drive force through friction. Much like a lightly engaged MDC, the safety center slips against the work in the event of a catch. The turner can regulate the amount of force needed to cause the drive to slip by varying the tailstock pressure. For new students and particularly students working on their skew chisel skills, having the work stop while staying securely on the lathe eliminates much of the fear factor. Functional and useful for all turners, this drive center is often provided with a new lathe. This makes for a much safer learning environment for all.

Kurt Hertzog is past president of the American Association of Woodturners, a Pen Makers Guild council member, and past chairman of the Rochester Woodworkers Society. He has had over 185 woodturning related articles published internationally since 2012. An avid turner in all areas, Kurt is particularly interested in pens and ornaments. You can see his work and published articles at kurthertzog.com.



Specialty drive centers

by Kurt Hertzog



This drive center excels at holding green wood. The adjustable spikes are helpful for aligning grain and rims in natural edge bowls.



Closed end and friction drives for spindle turnings can be store-bought or shopmade.



These drive centers mount quickly in chuck jaws, providing greater support for the drives than Morse taper drives.



A friction drive for small-scale work. A hole bored in the end of the spindle captures the drive spur.



The fit of a friction drive can be fine-tuned with tape. With the hole drilled first, the outside turning is always concentric to the hole.

