



# San Diego Woodturners

Proud Founders of the Turn-Around-for-Vets (TAV) Program



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9984 Scripps Ranch Blvd #198, San Diego, CA 92131

www.sdwt.org

## This month at SDWT

### “ZOOM” Video Conferencing continues...

SDWT Welcomes back Cindy Drozda for this months July Virtual Demo.



Banksia Mushroom Box (see pages 7-10)



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**Brian Saunders**

## **SHAVINGS**

from the Prez . . .

I hope that you are all well and are finding ways to keep busy while staying safe during this pandemic.

### **COVID-19**

By the time that you read this issue of Shavings, it will be more than 4 months since the first case of COVID-19 was confirmed in San Diego. During this time thousands have been infected and hundreds have died of this disease locally. Gov. Newsome issued lockdown orders in mid-March and the rate of infection “flattened out”. Restrictions were eased and, unfortunately infection rates are increasing significantly. I believe that this pandemic will continue until there is an effective vaccine and that San Diego Woodturners will need to suspend all face to face activities at least through the end of the year. **It is important to remember that our club has many members in “high risk” categories and our best approach to this virus is to avoid it!**

### **Virtual Meetings**

We currently have virtual meetings scheduled monthly on our regularly scheduled meeting dates and time and will work to schedule virtual meetings through the end of the year. We will continue to try to improve and enhance the materials that we make available and will continue to work with San Diego Fine Woodworkers Assn. The AAW is also developing new programs, demos and materials to assist us in as we navigate this pandemic (see below).

### **Utilize Available Resources**

Even in lock-down there are many resources available to us. To name just a few: mentor program, Tips and Techniques on our website, the AAW website woodturner.org, San Diego Fine Woodworkers Association (SDFWA) and many professional woodturners have free or reasonably priced content available on their websites. **A word of caution about random searches of the internet and YouTube. Remember that internet content is completely unvetted. Some of it is good, some of it is wrong or poorly done and some of it is dangerous! Pay close attention to what is being done and always consider safety before attempting anything. I recommend sticking to the AAW content and presentations by known professionals. If in doubt, ask one of our Board members or mentors.**

(continued on page 3)

## (Shavings Continued)

### **Cutting Bowl Blanks from a Tree (and avoiding the pith)**

Those of you who have been following postings on the SDWT Facebook page may have noticed that some wood turners have been posting photos of bowls and lids with large cracks emanating out from the pith. With some exceptions (Norfolk Island Pine, Star Pine) the pith is best avoided as it will nearly ALWAYS crack! In addition to the obvious aesthetics issues, this can also be dangerous. The June 2000 issue of the Woodworkers Journal reprints an article by Dale Larson in American Woodturner Magazine titled Cutting Bowl Blanks from a Tree. This is a great article and it may be found on the AAW website and at <https://woodworkersjournal.com/cutting-bowl-blanks-from-a-tree/>

### **AAW First Virtual Annual Meeting Notes, Held Sat June 27, 2020**

The meeting was called to order by AAW President Gregory Schramek.

In addition to the AAW Board and staff, 120 participants participated. There are currently **360 chapters**.

In his opening remarks, Greg welcomed us to this first AAW Annual Meeting conducted virtually using Zoom. This meeting is usually occurring in person during the annual symposium. Because of the pandemic, the Symposium in Louisville has been canceled. One interesting observation is that the 120 participants to the Zoom Meeting are about double the attendees at the in person Annual Meetings.

Greg noted that, while the pandemic was not anticipated, the AAW was well set up to respond with virtual content. The AAW had been working on remote demonstrations, digital content and virtual meetings for the past year. He anticipates that clubs will be unable to meet in person for some time to come and will need to use remote technology to hold meetings and education. The AAW Board and staff are prepared to assist chapters in this effort.

Key takeaways that I got from the meeting:

The AAW Symposium in Louisville is cancelled. AAW was able to cancel hotel and meeting venue and had cancellation insurance.

The first AAW Virtual Symposium is scheduled for July 10, 11 and 12. The fee is \$20.20 (and next year, if a virtual symposium is necessary, it will probably cost \$20.21). Registration ends on July 3, 2020.

(continued page 4)

## (Shavings Continued)

- As of Sunday, June 28, approximately 2000 participants have signed up. Please go to the AAW Website: [woodturner.org](http://woodturner.org) to register and for the lineup of presenters. Vendors are hit hard by the cancellation of the Louisville Symposium. For many vendors the symposium is a major source of sales and income. The AAW is working to include vendors in the symposium and encourages members to support them.
- It is hoped that future symposia will be able to be held in person. Planning for symposia begins 2 years in advance.
  - \* The 2021 AAW Symposium is scheduled from July 15 – 18, 2021 in Omaha, Nebraska.
  - \* In 2022 the symposium will be held in Chattanooga, Tenn.
  - \* The 2023 symposium will be held in Louisville (Which was the site of the cancelled 2020 symposium).
- AAW Remote. AAW will soon introduce AAW Remote Demonstrations. These demos will be presented by well-known woodturners and will initially be free to AAW members. The plan is that once the program is tested and running well, a small fee will be charged to participate. Each demonstrator will be responsible for content and safety of the material presented. Look for details on the AAW website: [woodturner.org](http://woodturner.org)
- The AAW has a new website that is easier to use and more functional than the old one. New enhancements are being added and there is a lot of great content to help us get through this time of lockdown.
- The AAW has a goal that every member of a local club will also be a member of the AAW. Folks are encouraged to check the AAW website to see the many benefits of membership.
- The AAW continues to offer a free 3-month trial membership with full access to website content. It is hoped that those who try it out will join, but those who try it and don't join will still be associated with AAW and will have limited access to the website.
- AAW Treasurer Joe Dickey's Report: The past few years including 2019 have been good financially for the AAW and the AAW is currently in good shape at the beginning of the pandemic. Much of the work of AAW is done by dedicated volunteers and there are few paid employees. There were favorable contracts for the Louisville Symposium and cancellation insurance. The AAW had a target of \$450,000 unrestricted funds and actually has \$435,000 in the account. Despite the loss of income due to the pandemic, an increase in dues is not anticipated.
- Women in Turning (WIT) (Kathleen Duncan). WIT has been an official committee of the AAW since 2015. WIT is a liaison group working with local chapters to encourage more women in wood turning. To date 60 out of 360 chapters have a WIT group. Sally Ault is the WIT liaison for San Diego Woodturners. WIT offers 2 grants: a one-year AAW membership for a new female chapter member and the women and underserved population events and exhibits grant. Go to the Grants tab on the [woodturner.org](http://woodturner.org) site for more information.

(continued page 5)

## **(Shavings Continued)**

- Safety (Rick Baker): Rick emphasized the AAW commitment to safety. The AAW website has many resources related to safety and all are encouraged to take advantage of this important material.
- AAW Publications (Josh Friend, Managing Editor): The AAW has 2 major publications:
  - \* American Woodturner the print magazine that is published in hard copy 6 times a year.
  - \* Woodturning Fundamentals is published online 4 times a year February, May, August and November. It is not printed but is available on the AAW Website. Woodturning Fundamentals is tailored for newcomers to the craft but has information for everyone.
  - \* The AAW website has an up to date easy to use searchable archive for all issues of American Woodturner and Woodturning Fundamentals.
  - The AAW has republishing partnerships with Fine Woodworking Magazine and with Woodworker's Journal (Rockler).
- The AAW website and Offices are able to help chapters set up Zoom Meetings. Zoom has excellent help on the website. Lucidwoodturners.com is a site, hosted by Alan Zenreich, of wood turners interested in the technical aspects of webhosting and virtual meetings.
- Even when the pandemic is behind us and clubs can safely begin meeting again, the AAW sees a continuing role for virtual meetings. Virtual technology provides a way to record meetings for future viewing and permits home bound members to participate in meetings.

Looking forward to seeing you, virtually of course!

**Brian**



# **Stay Safe!**

## SDWT Demonstration/Event Schedule Adjustment for 2020



I hope you are all staying well. We are blessed to have such a wonderful pastime to keep us busy while we are not able to get together in person. The new technology of Remote Interactive Demos (via ZOOM) is perfect for our current situation. Forthcoming demo's as follows:



The **July 18** meeting will also be a remote interactive demo by **Cindy Drozda**. ([cindydrozda.com](http://cindydrozda.com)) She also does other virtual presentations. Checkout her website for more info. Her demo this month is on turning Bank-sia Pods. (See pages 7 -10 for handout info on this demo)

ZOOM virtual meeting access code/invite and password will be provided from Esther to all SDWT members prior to the meeting date.



In **August (15th)** our already scheduled demonstrator will now be remote instead of in person. **Alex Snodgrass** (Mr. Bandsaw) will be showing us how to tune up and maintain our bandsaws properly. If there is time I hope he will also show us a quick bandsaw box.



in **September (19th)** our remote demonstrator will be **Art Liesterman** ([artliestman.com](http://artliestman.com)).

By the way.....don't forget the Virtual AAW Virtual Symposium, July 10-12, 2020.. More info and schedule at [woodturner.org](http://woodturner.org).

Stay busy...Post what you make on the **SDWT private Facebook page** and stay safe!

**Sally**

*Cindy Drozda* "The Fine Art of Woodturning"

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## The Banksia Seed Pod

Australia's native treasure

©Cindy Drozda



Banksia is a genus of plants that occur in Australia and Papua New Guinea numbering 75 named species. Of these, 61 are found in Western Australia, including the Banksia Grandis, the species that generates the large seed pods.

The Banksia take their name from Sir Joseph Banks, the botanist who was on Captain Cook's ship "Endeavour" that arrived in Australia in 1770.

It was from a subsequent trip to Australia that specimens were gathered resulting in seeds being grown in European glasshouses and 2 new species being named. One of these was the Banksia Grandis named by Carl Wildenow in 1798.

Although it's the size of the seed pod that makes it attractive to artists, the name probably refers to the tree's large leaf size.

Banksias in general occur as plants ranging from prostrate shrubs, to larger bushes, and trees of around 50 feet in height. The Banksias Grandis is restricted to a natural occurrence in only the southwest corner of Western Australia. More specifically, the coastal plain and Darling plateau from a point some distance north of Perth extending over an area about 650 miles southwards and eastwards along the coast and about 100 miles inland at most.

Banksia Grandis grows as either a large shrub or a small tree depending on its location, either on the coastal plains or as an understory tree in the eucalyptus forests.

The cones commonly used for woodturning are the fruit body remains from the flower head spike that blooms from October to January. These cones can be from 4 to 16 inches long. Once the stunning, upright, golden yellow or red flowers fall off, the cone matures on the tree and the seeds develop. Often it is the heat of a forest fire that causes the seed case holes, which give these pods their unique appearance, to burst open and release their seeds.

Banksia Seed Pods are a truly renewable resource, since no trees are cut down to harvest the Pods. Working with Banksia Pods is an adventure, but the results are well worth the effort!



**These handouts are also available in the Members Only section of our SDWT Website.**

## *Cindy Drozda*

"The Fine Art of Woodturning"

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### CD's hints for working with Banksia Pods

#### **Choose the right pod for the project.**

Not all pods are created equal. The lighter, browner ones tend to be more sound inside. Whitish or yellowish color can indicate a punky interior. Cracks at the core will not yield a good finial, knob or stem, but make a great looking mushroom cap. Nicely formed, undamaged "eyes" and a less weathered exterior make a better natural edged piece, but if you are turning the exterior away the weathered ones work just as well. A lot can be told about the pod by cutting off the ends.

#### **Make sure the pod is dry.**

Weighing is one way to keep track of the drying process, and "just giving it plenty of time" is another. A simple drying kiln can be made from an insulated box with a light bulb inside and holes around the top and bottom to allow airflow.

#### **Think of it as a piece of branch wood.**

A natural surface around the circumference, and a small diameter but long length, make a pod suitable for projects that you would think to make out of a branch.

#### **The core has no structural integrity.**

Although it looks like the heart of a branch, the core of a pod has no grain structure and a thin finial will break off very easily.

#### **A Banksia Pod is made in layers.**

The outside is a layer of hard glaze, over a layer of fuzz. Next is a semi-hard layer that needs stabilizing with CA glue if the eyes are going to stay in when the piece is hollowed, then a sound layer and a pith-like core with a flower pattern around it.

#### **Be sure to use eye protection!**

When roughing the exterior of the pod, there are fur and sharp particles flying around. Also, expect to need a bath after turning a pod (they are very dusty)!

#### **Be careful cutting the ends off on the bandsaw.**

A vee-groove shaped sled to hold the pod from rolling is a good idea. Keep your body parts out of the path of the blade!

#### **Start with the pod between centers.**

After cutting the ends off, the center core of the pod can be used for the centers to mount the pod evenly most of the time. A chucking point can be cut, or a tenon for mounting into a recess in a faceplate-mounted waste block. I have not had good luck cutting the end off and just gluing it flat onto a waste block.

#### **Pods scrape well, and cut well, but they are abrasive.**

High speed steel, or especially the new "powder metallurgy" tools, carbide tipped drill bits, and good quality sandpaper are really valuable for turning pods.

#### **A pod jam-fits better onto a waste block than onto another piece of the pod.**

Using a waste block of soft Maple, Alder, Mahogany or other compressible wood gives a better and more secure jam chuck. Also if the delicate, thin-walled pod piece is jam-fit into a recess instead of over a tenon it will reduce the risk of cracking it.

#### **Use tape for insurance when finishing the bottom without the tailstock.**

Jam-fits with thin-walled pod pieces are never very strongly gripped. It is easy to break the piece or knock it off the jam chuck.

#### **Use CA glue to strengthen thin walled pieces.**

When hollowing to the maximum diameter of the pod, the "eyes" can tend to fall out. CA ("Super Glue") soaked over the outside of the piece before hollowing will glue in the eyes, and will not stain the finished piece.



(Continuation of Cindy's Banksia Pod Success notes from page 8)

- **A balloon inflated inside a hollow form, or masking tape over the holes on the inside, makes inlaying material such as stone, inlay, metal filings, etc, in the holes easier.**

Be careful to not over-catalyze CA glue, or the heat will cause the balloon to burst

- **Pods take a good polish with abrasive.**

But they dull the abrasive quickly. For best results plan to sand to at least 600 grit.

- **For best results, finish off the lathe.**

Some finishes that I like are: General Salad Bowl Finishes or any thin-bodied oil that penetrates well (to minimize wiping finish off from inside the eyes). Spray on film finishes such as lacquer, polyurethane, shellac, etc. It is very tedious to scrape wax or French polish out of the eyes. That is why I finish off the lathe.

- **Tight fitting lids are not a good idea if the piece is delicate.**

Pods are brittle and have no grain structure to lend strength to thin walls, finials, knobs or stems. Having to use force to remove the lid is more likely to cause something to break than with "normal" wood. In addition, a woodturner might appreciate a tight fit, but a lot of non-woodturners are intimidated by it. They usually expect to lift the lid and have it come off of the box without forcing.

- **Signing your work.**

The "Gelly Roll" Metallic gel ink pens write on the sanded surface of a pod and show up well. Be careful that your finish will not cause the ink to run. I usually use a Dremel vibrating engraver to sign my pod pieces. Filling the engraving with the "Gold Stick" wax stick gives a gold engraved look. For best results with the Gold Stick, do the engraving after the finish is dry.

- **Explore your creativity, and be willing to risk**

Banksia Pods are an unusual material that offers a lot of possibilities, both for success and failure. Buy an extra pod or 3 and don't be afraid to lose one on a new idea. The greatest successes come to those who are not afraid to fail.

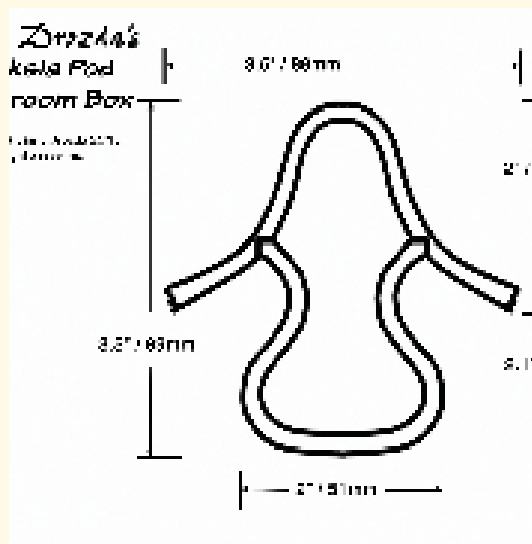


Project Demo

**Banksia**

**Mushroom**

**Box**



(Photo's of Cindy's project turnings using Banksia material):

# **Banksia Turnings** **by Cindy Drozda**



## Just a Reminder to All SDWT Members



Beginning in 2018, cybercriminals attacked SDWT club officers by using information obtained from our website. Since we have removed contact information from the public areas of our website and increased fraud awareness, these attacks have subsided. However, these criminals are sophisticated and change their tactics frequently.

In addition to direct attacks against our club, new scams are being reported involving tax filing delays, tax refunds, Social Security, the Census, COVID-19 Economic Impact Checks, and COVID-19. These scams involve phishing emails, robocalls and even people coming to our homes to sell non-existent vaccinations, medicines and tests. Be vigilant! Maintain a high level of suspicion!

**DO NOT RESPOND TO ROBOCALLS OR CLICK LINKS THAT YOU DO NOT RECOGNIZE!**

We must all have a high level of suspicion concerning any request for money, gift cards, banking information, credit card information, PayPal information, crypto currency, etc. and always keep our guard up!

### **SDWT will NEVER:**

Send an email asking anyone to send or email gift cards or cryptocurrency.

Send an email asking for money or payment, **EXCEPT** for a class that you have signed up for, and then only send a check for the fee to the treasurers at our club's address. SDWT will never ask for gift cards or cryptocurrency to pay for classes.

PayPal is used for membership, and for donations.

**REMEMBER**, cyber criminals are very sophisticated and even the experts can be fooled!

**If in doubt, ALWAYS call the treasurer, president or a club officer using the contact information found in the Members Only section of the SDWT website!**



As members of the San Diego Woodturners, you may come across an opportunity for us to add to our wood inventory and made available to our membership at nominal cost.

If you hear of anyone needing to move wood off their property please give me a call **Dan White** (see members only tab (membership directory for contact info or send an email to [GotWood@sdwt.org](mailto:GotWood@sdwt.org)).



**Lumbercycle** has a large quantity of good wood available to pick-up in Ramona. (see [lumbercycle.org](http://lumbercycle.org) for more info).

In keeping with the isolation orders and safe distancing practices, we do not plan to hold a group event. However, individual club members may contact Tom Hamilton at [lumbercycle@gmail.com](mailto:lumbercycle@gmail.com) to arrange an appointment to pick up wood at the Lumbercycle lot in Ramona. Lumbercycle staff are not at the Ramona lot everyday so an appointment is necessary

It is important that masks are worn and that social distancing is maintained during this COVID-19 crisis.



## Turn Around for Veterans (TAV)

Chairman: *Paul Simpson* .



Turn Around for Vets (TAV) is a critical program of the San Diego Woodturners Club. All TAV activities are carried out by a dedicated, unpaid group of volunteers so that 100% of donated funds, designated for TAV, are used to purchase supplies and equipment and to support the program. As always, any one can make a cash or material donation to SDWT, designated for TAV, and receive a letter from our treasurer that acknowledges the gift as a tax deductible item, if otherwise eligible under current tax code.



*Paul*

(TAV Committee Chairman)



This 4th of July a **TAV** Salute for Freedom and to those who keep us free.

“Never Forget”



# Member-"Chips"

## Hello San Diego Woodturners:

I can't believe I will actually miss having sore feet from volunteering at the fair, hopefully we'll catch up next year.

I mentioned this on our last Zoom meeting, but will mention it in writing again: Please DO NOT unsubscribe from the mailing list, I realize we might sometimes send out info that not everyone is interested in, but the way these things work, if you unsubscribe, I can't add you again and you will receive no new information, be it used equipment deals, wood sales, meeting reminders or even the new password (remember it changes yearly). So bear with us, we're a small club with us as volunteers doing the best that we can (and remember there's always volunteering spots available!)

Also, new this month, I'll be mentioning the **# of members in the club** at the moment of writing this section (will include paying members, life, honorary, TAV and student). For the month of June 2020 we're at **229**.

If you're already a member, consider also joining AAW, if you think our resources are great, you will no doubt benefit from their pool of knowledge. Check them out at [www.woodturner.org](http://www.woodturner.org)

Remember that as a paid member, you have access to the [SDWT Members facebook group](#) I hope you decide to join the group, it's a very simple way of interacting with other members of the club.

If you are an existing member interested in one of the new wooden badges, the cost will be \$7 per badge and it will include your choice of either magnet or pin attachment. If you need either an extra pin or magnet, those will be \$1. (Suspended for a bit, please be patient)

If you have any questions or you think you might be missing club emails. Let us know either in [SDWT Members](#) or [info@sdwt.org](mailto:info@sdwt.org)

Thank you,

**Esther Assemat (Membership Committee Chair)**

**Questions:** Contact me at [Membership@sdwt.org](mailto:Membership@sdwt.org)



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## Membership Form

SDWT membership is \$50.00 per calendar year. To become a member, complete this form and a check to SDWT. Send to the address below or bring it to any SDWT meeting, go to ([www.sdwt.org](http://www.sdwt.org)) for our meeting time and location. If you have any questions, please contact us at ([info@sdwt.org](mailto:info@sdwt.org))

Date \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # \_\_\_\_\_

Email \_\_\_\_\_

Our membership allows our club to hold monthly meetings, enjoy refreshments, watch expert demonstrations and participate in classes. As a member, you will have access to woodturning supplies, video library, wood resources and mentorship.

Check out our website at [www.sdwt.org](http://www.sdwt.org)

San Diego Woodturners  
9984 Scripps Ranch Blvd. #198  
San Diego, Ca. 92131

## Thinking about Safety: “A Safety Thought to Ponder”

How many of you are invincible? I have recently discovered that I am not.

Most of us work at our lathe or other power tools alone and if something went very wrong and we are injured, help might not be there when we need it.

Even before my recent injury (not a workshop injury) I realized that since I live alone if a piece came off my lathe and I went down, it could be days before anyone found me.



I heard quite by accident that Apple makes a watch with fall detection and was intrigued. I spoke to a friend who works at Apple and learned that the Apple Watch series 4 and 5 have this feature. It detects a fall and if you do not respond to the beeping and message on the screen, it calls both your emergency contact list and emergency services...sending them your gps location.

We have all seen ads for years about devices that you wear around your neck to call for help...but if you are unconscious or confused you aren't going to be able to push that button.

I bought the Apple Watch series 5 earlier this year. At least once when I was pounding something in my shop it said it had detected a fall and I was able to tell it no I hadn't and that was that.

A month ago when I tripped in my neighbors yard and broke my patella it again said it had detected a fall. Because my neighbor was there we didn't need emergency services so I told it yes I fell but I'm ok. I wasn't ok but I didn't need the watch to call anyone...one of the people it would have called was 10 feet away and is a retired first responder so I was in good hands...but I easily could have needed it to send help since I had to be taken to the ER.

Please give some thought to how vulnerable we all are in our shops...even those of you who aren't old! ( did I say old??? I meant wise and experienced!)

One thing I read mentioned that even an accident in a car...say on a lonely road with little traffic...can trigger a call for help.

None of us are invincible. Please give some thought to getting something that can help when you need it and can't ask for help.

Hugs to you all. Stay safe, wear your masks and I'll "see" you on one of our zoom meetings!

Sally



# From the SDWT WEBMASTER



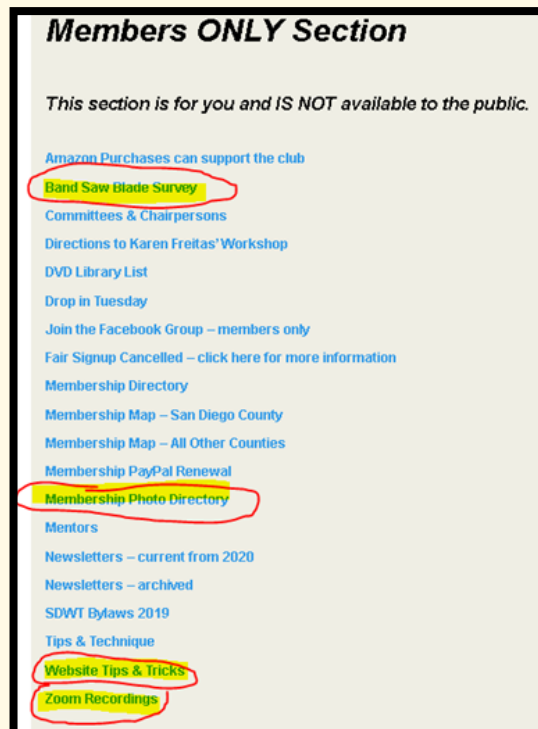
There are new items on the **MEMBERS ONLY** webpage to check out

**Website Tips & Tricks** – There is a new document that summarizes each of the clickable links on this webpage and their function. See the list below and remember you'll need the password to access this webpage.

**Band Saw Blade Survey** – Roman is gathering information from your band saw in order to make another “group” buy. If interested, check it out. (see page 23 as well)

**Membership Photo Directory** – Brought back this document and now we need lots of member's pictures, so don't be shy. Check it out and email your headshot to [memberphoto@sdwt.org](mailto:memberphoto@sdwt.org)

**Zoom Recordings** – Did you miss any of the Zoom meetings the last 3 months or can't read your notes? No problem as you can find them on our website.



Have you been on a woodturning website and saw a feature that we should have on our website? Send the information to [webmaster@sdwt.org](mailto:webmaster@sdwt.org) and keep the chips flying.

# June Demo Summary

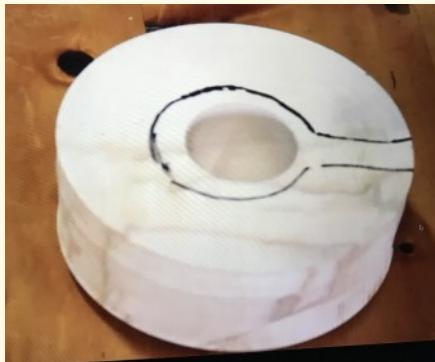


This month's virtual demonstration was with **Mike Mahoney** from his shop with a tour inside and outside where he does his turning, along with a little bit of sidebar discussion on his other venture of winemaking (note the casks of red wine in the pic).

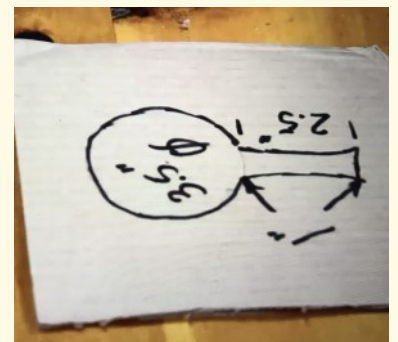
Mike provided an array of topics/demo on woodturning that included a discussion on stock prep and quarter sawn wood material for a platter using white or red oak that led off the discussion, turning an oak platter, tool sharpening, turning and carving a cup, and pepper mills. He also touched on finishing his various turnings predominantly with walnut oil. Some captured Pics below:



Red oak vs white oak with discussion on quarter sawn material for a platter. Check [Tree-Pictures.com](http://Tree-Pictures.com)



Pictures of the Platter, along with the Cup design and Mike's own design of a few Pepper Mills. Mike has provided SDWT with the recorded version of his demo to SDWT that you can find in the Members Only section of our SDWT Website. Enjoy the discussion and presentation if you missed it. **Thanks Mike** for sharing and another one of your Great presentations.



## Raffle

As you know we are on hold with club activities and such. We will reconvene with our fantastic raffle at that time at our next group meeting sometime in the future.

I've been turning in my shop and encourage you to do the same if you're at home. Please do share some of those turnings pictures and post on our SDWT [Facebook \(SDWT Members facebook group\)](#) member page (our virtual "Instant Gallery" if you will). Always amazing to see what members are turning.

In addition, if you're looking for some help, our mentors are available to answer questions. Give them a call (Phone # via Member Directory).

Be safe in you shop and otherwise.



**Jeff Neff - Raffle Committee and Mentor Chairman.**

## From the DVD Library



**Hi All**

The SDWT DVD Library will not be available at my Fallbrook Garage. Essentially there has been no interest so it has been discontinued till such time as we meet at Nottingham or if interest is generated otherwise.

If you have question you can contact me. My Web address is in the Members Only directory of our Web site.

Have a Great Day and Be Safe..

**Carolyn Jones**

### **NOTTINGHAM ACCESS**

For access to the Nottingham Arts Center contact Terry Sullivan via e-mail ([go2tms2@gmail.com](mailto:go2tms2@gmail.com)). A voice message may additionally be left at the number listed in the member directory. Include the day and time you wish to arrive as well as the purpose of your visit. You must have approval from Terry or his representative for access to the facility.

Do not enter the Nottingham facility or grounds without prior approval or without the project leader present.

# Resources

## Tropical Exotic Hardwoods

2270 Camino Vida Roble site "B"  
Carlsbad, CA 92008 (760-434-3030)

## North County Tools

955-A Rancheros Drive  
San Marcos, CA 92069 (760-743-2004)

## Enviro-Safety Products (No discount)

516 E. Modoc Ave.  
Visalia, CA 93292—7630  
(800) 637-6606

## Rockler

8199 Claremont Mesa Blvd  
San Diego, CA 92111 (858 268-1005)

## The Hardwood & Hardware Co

8849 Complex Dr  
San Diego, CA 92126  
(858 - 536-1800)

## Woodworker West

PO Box 452058  
Los Angeles, CA 90045  
(310) 216 - 9265

## Tool Depot

3464 Pickett St  
San Diego, CA (619) 220 - 7111  
1655 Broadway #13  
Chula Vista, CA (619) 585-800

## SD Urban Timber

922 Industrial Blvd  
Chula Vista, CA 91911  
619-207-4084 ([sdurbantimber.com](http://sdurbantimber.com))

## American Furniture Design

Ben MatteTung Oil can be purchased here

2243 Mountain View Dr.  
Escondido, CA  
(760) 743-6923

## Fix My Batteries

1291 Simpson Way #F  
Escondido, CA 92029  
(760) 747-8762  
Josh Zeller, owner  
10% discount on products and battery rebuilds

## Bennett Crone Lumber and Plywood, Inc.

1202 Piper Ranch Rd  
San Diego, CA 92154  
619-661-0667  
([Bennettcrone.com](http://Bennettcrone.com))



LOUISVILLE  
**WE ARE GOING VIRTUAL!**  
AAW | AMERICAN ASSOCIATION  
OF WOODTURNERS

**AAW 2020  
Virtual Symposium  
JULY 10,11,12**

Top Demonstrators | Instant Gallery  
Panels | Auctions | Prizes

The all-online event will feature live educational demonstrations, special interest sessions, panel discussions, live auctions, Instant Gallery, prizes drawings for attendees, a virtual trade show, and more.

- **Demonstrators** for the event will include Trent Bosch, Cindy Drozda, Rudy Lopez, Glenn Lucas, Mike Mahoney, and Craig Timmerman. Topics will be announced.
- **Panel discussions** will include social media/business, artistic practice, and Instant Gallery critique.
- **Special Interest Sessions** will include Gizmos and Gadgets, a presentation of “best of the best” woodturning tips, and a Women in Turning (WIT) presentation.
- Registered attendees will be able to submit work for the virtual Instant Gallery.

The cost for all three days of programming is \$20.20 (nonrefundable), which includes access to a replay of Virtual Symposium content for up to ten days following the event.

The official schedule and other details are posted on the web site ([woodturner.org](http://woodturner.org)).

**(Note: Registration has been extended to 7 July)**



# Up Your Spindle Turning Skills

## Captive Ring Box

*(A Unique, Unusual and A Ton of Fun Project)*

by Roman Scheidel



This article is an introduction to turning a “captive ring box” (pictured left). It is **not** an all inclusive project how-to as to all the detailed techniques associated but a spindle turning project to hopefully capture your interest and desire to pursue. I share below some of my thoughts and findings while pursuing this type of project that maybe some tips can be learned or applied should you undertake such a turning adventure.



Turning captive rings is not new in wood turning. You typically might see captured rings with a turned goblet on its stem or on a spindle with rings for a small rattle. However, turning rings, particularly in a Box is relatively new for me and quite the challenge.

While writing this article, I also learned Pete Campbell has also applied his Master spindle turning skill and artistry to this style of turning and I have included a few of his pieces at the end. Pete has exuberantly jumped on board to share his experience as well with a few comments to hopefully spark your interest to learn more. Pete’s long spindles with boxes and captured rings has been featured in our SDWT Gallery, The Fair Design in Wood, and in Private Galleries.

If there is interest in learning more on turning captive rings, captive ring boxes, and long spindles with boxes and rings, Pete and I will be more than happy to collaborate in the future to answer questions and share the techniques at maybe one of our club events or otherwise.

### The Inspiration

A long time ago in a country far away, there was a wood turner’s get together in the south of France. There, I met an English turner by the name of Dave Register doing a demo of a captive ring box.

Dave is an all-around great turner and a wizard with a skew. One of Dave’s demos (back then) was a turning with a hatchet. In his project book, *Turning Boxes and Spindles*, 1994, is the captive ring box with a “floating lid” which he calls a trunnion box. Dave’s project book is available on Amazon with the details on how he turns this type of box.. I tried to contact Dave during the writing of this article but was unable to make contact..

I was therefore “captivated” by his Trunnion Box. I traded an item for his demo piece and told myself - someday. Fast forward 20 plus years. I have been exploring “off center” turning for a while and decided it was time for something new. The interest in this captive ring box idea has “simmered” long enough. Sure, for the personal satisfaction. Perhaps, it will be an object people would like to acquire. Maybe, other turners will be interested in learning. Also, if I kept focused, a series of boxes could be ready for the Del Mar Fair though it was cancelled for this year.

(continued page 23)

Armed with Dave's book, I began by scanning the internet researching "captive rings" objects and techniques.

- Learned this is not a new idea.
- Found beautiful photos of captive rings on 18<sup>th</sup> century ivory.
- Found several "rings on goblets" articles. None of particular note to reference)
- As a side note; captive rings can also decorate "Trembleurs". If you look on our SDWT Facebook page the recent Trembleurs, shown by Dave John, you will see some captured rings on those long thin spindles. Hope he will tell us more in the future.

## Preparation

The concept for a captive ring box would have rings with small diameters (about 1/8") and a need for precision in a small space. Most commercial captive ring tools are for larger diameters and not suited for a "confined" space. Therefore I had to make my own as shown (pictured right).

A couple special tools would be needed for making the rings and hollowing the box. After rummaging around, I came up with a couple worn turning tools, wood chisels, some old wood spade bits and a hand full of Allen keys. At the same time, ordered some oil hardening drill rod (3/16, 7/32, 1/4 inch diameter) and a 36 grit grinding wheel. Some 4" cut off wheels and a bottle of Mapp gas from the local hardware store and I was ready to set-up. Mapp gas is similar to propane gas but burns hotter. Sold next to the propane bottles.

Note: Oil hardening drill rod, is inexpensive and available through suppliers like "Grainger". Cut to 6 inch lengths. Heated the ends with mapp gas. Bent a couple ends for scrapers, others left straight for skewers and scrapers. Heated again then quenched in oil (in my case - chain saw bar oil). Then to the kitchen oven for an hour to temper the steel.



Found some information on simple steel hardening which helped.

Links:

Simple heat treating for turners: <http://www.woodcentral.com/russ/russ10.shtml>

Make wood turning chisels: <https://static1.squarespace.com/static/575f5629b6aa606c10a208a1/t/576558d1f7e0ab30ce6d634e/1466259667439/chisels-make.pdf>

To start I spread out some sketched shapes for making ring and hollowing tools then laid out some hand files and set up a couple of grinders for shaping & sharpening.

Grind tool shape – test to see if it works, Refine shape – test – repeat – repeat.....

**Note: Dust from grinding tools is not healthy. Protect eyes and lungs!**

(continued page 24)

## Ready to start Turning a Captured Ring Box?

For this project, tools most in my hand are:

- 3/8" spindle gouge
- 1/2" skew
- Thin parting tool
- 7/32 dia. skew, straight and bent scrapers
- My shop made captured ring tools

### What were my early challenges:

- Developing easy to make and easy to sharpen tools



- To support the top of the piece while turning, I made a simple wood cup (pictured left) to fit live center on the tail stock. In the cup went a foam insert. The Top of the box stem is pressed “firm” into the foam to make form. Then pressure let off. No pressure between centers only “support” for “end”.



- Making the rings. Finding technique to form the “ring” easily and consistent. The back of the ring is round and made in two cuts, one on each side using the captured ring tools. The challenge is to have both cuts meet at same point on back of bead.
- Learning to work with many “floating” elements and loose parts.
- Finding easier ways to accomplish the desired result.
- Enjoyed the multiple opportunities for object to “suddenly explode”.

### Other thoughts while pursuing the turning of this Box

- The choice of wood for the rings should be clear of any defects along with straight, fine grain. For the box, very dry and stable wood. These pieces are in Box wood and local Orange wood. Maple would also be a good choice. Whatever you have is a good start.
- Turn in steps. Break it down into separate steps. Practice each step separately, many times, before putting the steps together. I remember a morning of “finials” and an afternoon of just lid ideas. Also many hours of just practicing rings – rounder, smaller, tighter.
- Using **sharp** tools always a must.... A lot!
- Current finish is satin & semi-gloss lacquer from spray can. Looking for other options.



(continued page 25)



## Final Thoughts if this type of turning strikes your interest.

This is a good project for turners with smaller lathes or have limited space.

- Minimal special tools are required and can be made with material that can be readily available. The challenge is to get more rings inside of the box. with no wasted space. Beware however, this project can be an incredible time sink and patience is required.
- Lathe height and tired eyes. The spindle height on lathe used for this project is a full 2 inches above my elbow. This helps my neck and back. Also, brings point of focus closer to my tired eyes. Have started using a head band magnifier. Helps a lot when I remember to put it on.... Often find myself turning by touch and “muscle memory”.
- After finishing the first couple of series of boxes, I realized next project will be making better photos (LOL).



The adventure continues! If this project peaks your interest and you want to pursue and really get into the technique and details....give me a call or for other practicing of wood turning skills or finished objects. **Contact me (Roman), my email address is in the member's directory**

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As an aside to my story and this adventure, I contacted **Pete Campbell** to collaborate on this article and asked for some candid comments. This is what he had to say as well, along with a few pictures of his exquisite turnings he provided (he has also posted similar turnings on SDWT Facebook page):

### Thoughts about trunnion spindle boxes:

First my inspiration for trunnion boxes comes from Dave Register who I spent a few days with him 17/18 years ago. One of the things he was making was a small spindle box. A box or two captured on a spindle, and the top of box floated. Super nice guy.

Made a dozen or so big-ens, as Al Bundy used to say. 16/24" long, up to 5 boxes.

For design I look at them as a triangle, from the side. Think about a straight edge from base to finial on each side Triangle. I keep the boxes, or disks, touching the triangle, were they sit. I am lucky to be able to visualize, but I draw these out, this box needs to be X dia., at a certain height, to kiss the triangle.tip. Be ready to make changes as you go

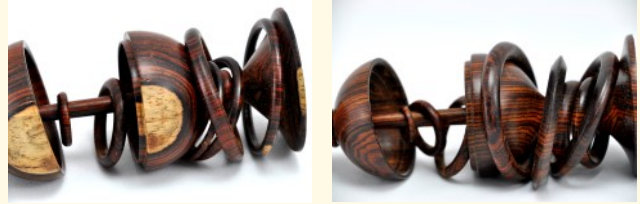
Stuff happens, but remember the triangle. Sphere boxes, look good, as do clamshell, small hollow forms disks, wheels, etc ,that follow the triangle and.you can have two triangles, One of boxes, one of disks, different angles same piece.

It just seems to make it all flow that you can take a natural edge log and make a stack of Saturn boxes, float both the box and the outside. You can texture, color, chatter (scary), think of stack of colorful spiking tops. Can pierce the disks, or put a square hole in the middle of disks like a Chinese coin or you could make it look like a metal or stone of some lovely wood. I like cocobolo and lucky to have a bunch I got from Mitch, 20 years ago.

(continued page 26)

You can make a box inside a box, and they can all float. Don't forget a captive ring or two. You can turn small finials and drill holes at right angles to boxes, balls, etc.. Glue them in. Think of a bull dog collar. I could go on, but let's talk captive rings

That's what all the extra wood on your spindle, is for. Very little waste. You are thinking the whole time. How many rings can I trap on the spindle, any extra wood is a target, just the bare spindle for 1/2" I can get 3 rings, sometimes more. Rings inside the boxes, small floating rings, that have a small bead top and bottom on the spindle so they only move a little up and down. I do that with disks, that spin so they sit flat when the box is standing. Keeps the triangle. Mostly rings just lay on each other cool when you open a box and there are a half dozen rings flopping around. Practice captive rings a lot before you try these. You want to be able to cut them round and clean where you do minimal sanding.



I turn these off a chuck. I can work 19/ 20" from the chuck without a steady rest. With a 4/4" piece. Longer, I use a single steady. I turn between centers as long as possible. Rough the finial, leave spindle as fat as I can, make the lid for top box, sand it and buff back to finial, Finish it, free it, make the spindle thin, this is the thinnest part. Don't forget a ring or two on the bottom of the finial. I use a rubber chucky holder that has a bearing with a small hole that fits the top of the finial. This just keeps it from flopping around as the spindle gets thinner.. I don't tighten this very much. Another thing I do once the spindle gets thin is to start and stop my lathe with my speed control. Torque is your enemy. The bottom of the box your pushing towards the head stock, a little easier. Remember your scraping end grain. You just half to have a light touch.



Don Owen keeps asking me how do I do things like this? I tell him light touch. He laughs and no, no really, how do you do it. I belong to the WOODHOG club and can hog with the best of them. But there is no other way than the light touch.

Practice, practice. Work down leaving as much wood for support as you can. I sand and finish as I go. Used to let the rings all spin and flop around but had to go back and resand. Now I tape boxes together and to the spindle. Same with the rings. Keep working down to the bot-

tom .you will notice it's a little easier, closer to the chuck you get the more support. Check your chuck a couple of times while you're doing this.

I finish these in a day, but I take breaks. Getting old.

Start with a dry sound piece of hard wood (cocobolo pictured right and below) and you will need to make some tools. I have been using harbor freight flat files ground down to a cutting tool for getting inside the box. It's super cool to hold a long spindle turning such as pictured straight up in your hand, and tip it down and let everything flop around. I can make the shaft super thin but you couldn't handle it. Just love handling it otherwise you know if your nuts enough to try this. I can help, just let me know



# Wants And Disposals

Wants and Disposals is open only to current members that want to Buy, Sell, or Trade equipment or supplies. It is not intended as a commercial market place. These listings are presented as a service to our members. It is not an invitation to solicit nor permission to contact the member on matters not relating to the listing.

Items for Wants and Disposal may be emailed to **Dave John** ([email addr in Members listing - Members Only Area](#)) (Up to three pictures may be included and will be placed within Wants and Disposal section of this Newsletter.

## **ABRANET MESH GRIP ABRASIVE**

SDWT has: 80, 120,180, 240, 320, 400, 600 and 800 grits for \$2 per sheet.

In addition, SDWT has an "Intro Pack" which contains all these grits for \$10.

Available at regular meetings.

## **Cyanoacrylate (CA GLUE)**

Parafix Cyanoacrylate Adhesives, manufactured in the United States by Parson Adhesives, Inc.

- Parafix #3420 Thin CA Glue 2 oz bottle - \$4.00
- Parafix #3401 Medium CA Glue 2 oz bottle - \$4.00
- Parafix #3416 Thick CA Glue 2 oz bottle -\$4.00
- Parafix #3422 Gel CA Glue 2 oz bottle - \$4.00
- CA Applicator Tips Pkg of 5 applicators - \$3.00
- Parafix #155 CA Activator 12 oz aerosol can - \$11.00

## **Lathe For Sale**

**Delta Iron Bed 1440. \$800.00**

**Excellent shape**

**POC: Mark Hudson @ 7602713330**

**Email: [geetarmkr@gmail.com](mailto:geetarmkr@gmail.com)**

## **Lathe For Sale**

- Jet 1642 - 2 HP
- 4 years old
- Variable Speed Control
- Like new, less than 75 hours used
- includes all original equipment that came with the lathe.

Asking: \$1700

Contact Jack at ([redzo6im@gmail.com](mailto:redzo6im@gmail.com) or call 619-540-1284)



# SDWT Bandsaw Blade Survey/Possible Order

## BAND SAW BLADES

Are you interested?

Several members have asked about organizing another club purchase of Band Saw Blades. Couple years ago, we ordered over a 100 blades! Received 35% discount and just one shipping charge.

We have created a Band Saw Survey to generate discussion and see what your interests might be.

Roy Ulrich has helped put the survey on our web site member's only page. If you have a G-mail account, you can fill it in yourself..... if, you have difficulty send your info to Roman Scheidel. (Email address in Members Only Directory)

The survey questions are:

- First name
- Last name
- E-mail address
- Telephone #
- Model band saw(s), Wheel Dia.
- Teeth per in. on bands you use
- Length of bands
- Current Supplier
- How many blades might you order
- Your comments



**Note:** The Club has ordered two times from Timber Wolf Blades. Today, a few members prefer "Carter" Blades. Do you have a preference? Any questions about band saws? Let it be known! Perhaps we can start a discussion on Facebook?

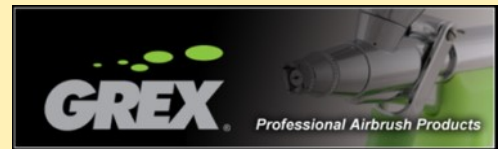
**Roman**



11717 Caminito Vantana • San Diego, CA 92131  
858-395-0562 • [airbrushingwood.com](http://airbrushingwood.com)

**Joe carries the full line of Grex Professional airbrush products including:**

Airbrushes - Tritium pistol grip and Genesis XGi pencil grip  
Compressors  
Accessories  
Private Stock acrylic paint



**Joe carries all Grex Air Tools, featuring:**

AOS 368 Random Orbital Sander  
AG 368 Angle Grinder and Carving Tool



Learn more about the above products and see Joe's Gallery at [Airbrushingwood.com](http://Airbrushingwood.com). (highly recommended) along with his educational material on color/airbrushing and much more. Good Stuff!!

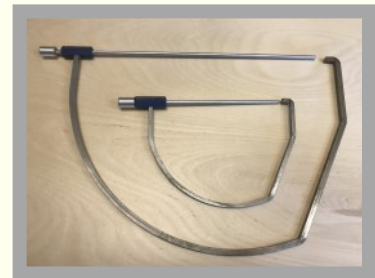
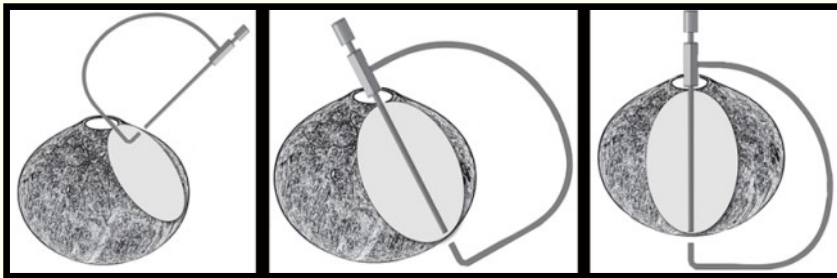
# Hollow-Pro Tools™

Designed by professional woodturner **Mike Jackofsky** and manufactured in the USA by the *Hunter Tool Company*.

## 1) **The Hollow-Pro Rocket Tool:**

These tools feature a unique negative angle built into the tip. They have been specifically designed to use the Hunter carbide cutters; the negative angle makes the carbide less aggressive and easier to control. Hollow Pro Rocket tools are professional, fast and efficient hollowing tools for making hollow vessels up to about 7" high x about 7" diameter. These 8" tools have 3/8" shafts to allow hollowing through very small restricted openings. The tools use replaceable #1 size carbide cutters and are designed to fit into any large handle with a 3/8" or 1/2" opening. (Tip: place the screws from these handles on the side or top of the tools, so the bottom will slide smoothly on the tool rest).

The round shafts of these tools can be rotated slightly to make clean "shear" cuts and the bent tool is also very useful for undercutting the opening on larger hollow vessels. The kit comes with one straight and one bent tool and includes replaceable Hunter #1 carbide cutters for clean cuts and durability, and a Torx wrench for rotating and replacing the cutters as needed.



2) **The Hollow Pro Calipers** provide accurate measurements in crucial areas of hollow vessels and open bowls.

Hollow-Pro Calipers are precision made from steel and aluminum for maximum strength while maintain a comfortable light weight. The small size will work for hollow forms up to about 8" in diameter and up to 6 1/4" deep. The larger size works for hollow forms up to about 18" in diameter and up to 11 3/4" deep.

For more info and pricing, email Mike at ([info@mikejackofsky.com](mailto:info@mikejackofsky.com) or Visit Mike's Web site: [www.mikejackofsky.com](http://www.mikejackofsky.com).) for ordering and obtaining your Rocket and Caliper tools. You will be glad you did .



Mike Durlak, manager of the San Diego Rockler Store, is offering the San Diego Woodturners this exclusive discount coupon. Valid only at the San Diego location on Claremont Mesa Blvd, this coupon gives each SDWT member 20% off one item (with exclusions as noted).

The coupon (shown below) is valid for one use only per members HOUSEHOLD and the member must show their current SDWT membership card.

Mike is very supportive of our club and willing to continue the discount program as long as it is not abused.

Be sure and give Mike a big smile and hearty thanks when you redeem your coupon.

**\*\* 20% OFF \*\***

ONE ITEM

SAN DIEGO WOODTURNER Member



**Coupon Required for Discount, No Exceptions**

**EXPIRES 07/19/2020**

Coupon may be used ONCE! Does not apply to previous purchases. Power tools excluded. Sale items excluded. Discounts may not be combined. Discount Restricted Items Excluded. Sale prices can not be adjusted to use coupon .(Showing current year SDWT Membership Card required). When in doubt, ask Mike.

**\*\*\*\*\*Coupon WILL not be Honored past the Expiration date\*\*\*\*\***

**\*\*\*\*\*ONE COUPON PER MEMBER HOUSEHOLD ONLY\*\*\*\*\***

# Mentoring Program

Our mentoring program is one of the unique benefits of our club. Our mentors can help with basic to complex turning and teach safety along the way. This is a great way to start out or hone your skills with complex tasks taught by turners skilled in specific areas of turning. Our mentors are volunteers and are dedicated to sharing information on all facets of woodturning.

Rest assured however, that all of our mentors are easy to work with. Most often the mentor opens his/her shop to the applicant at a mutually agreed upon time and schedule.

A list of mentors and their specialties are listed within our Mentor Tab of our [SDWT.org](http://SDWT.org) website (go to **About** tab and pull down menu, go then to **Mentors**). Phone numbers for the Mentor you have particular area of interest is listed in the (members only area of the web site).. Upon making contact, arrange a time and place. If you have any questions, I am available at the monthly meetings at the raffle table.

I should also point out that the Club also has a program called “**Drop-In**” to help out turners. It meets on the first and third Tuesday of each month. A great opportunity to obtain some help on a particular project or technique with on-site mentors. (see info this newsletter).

**Jeff Neff – Mentor Committee Chairman** ([MentorChairman@sdwt.org](mailto:MentorChairman@sdwt.org))



**“Mentors do not give you a shortcut, but they streamline the process. They invariably had their own great mentors, giving them a richer and deeper knowledge of their field. Their ensuing years of experience taught them invaluable lessons and strategies for learning. Their knowledge and experience becomes yours; they can direct you from unnecessary side paths or errors. They observe you at work and provide real-time feedback, making your practice more time efficient. Their advice is tailored to your circumstances and your needs. Working closely with them, you absorb the essence of their creative spirit, which you can now adapt in your own way.”** From the Book - ***Mastery*** by Robert Greene





# 2020 SDWT Board Members and Committees

## SDWT BOARD MEMBERS

### President

Brian Saunders [pres@sdwt.org](mailto:pres@sdwt.org)

### Vice President

Karen Freitas [vp@sdwt.org](mailto:vp@sdwt.org)

### Secretary

Don Wolfe [secretary@sdwt.org](mailto:secretary@sdwt.org)

### Treasurer

Geri Gabriel [treasurer@sdwt.org](mailto:treasurer@sdwt.org)

### Members at Large

Paul Simpson

Jeff Neff

Sally Ault

Dave John

Hal Gorss

Don Owen

Terry Sullivan

Jon Chernow

Contact Information for Club Officers, Board and Committee members is available on the SDWT.org website within the Members Only Area. (Membership Directory) and above email addresses.



## COMMITTEES

### Newsletter

Dave John [NewsletterEditor@sdwt.org](mailto:NewsletterEditor@sdwt.org)

### Audio/Visual

Mike Foreman

Ron Kaplan

Hal Gorss

### DVD Librarian

Carolyn Jones

### Raffle

Jeff Neff [MentorChairman@sdwt.org](mailto:MentorChairman@sdwt.org)

### Del Mar Fair

Mark Jacobson

### Programs/Classes

Karen Freitas

Sally Ault (Also AAW Liaison [ProgramChair@sdwt.org](mailto:ProgramChair@sdwt.org))

### Membership

Esther Assemat [membership@sdwt.org](mailto:membership@sdwt.org)

### Wood Resources

Dan White ([GotWood@sdwt.org](mailto:GotWood@sdwt.org)), Mark Jacobson

Don Owen/

### Refreshments

Steve Frick

Gail Morrison

### Instant Gallery

Oskar Kirsten

### Mentors

Jeff Neff

### TAV

Paul Simpson [TAVChair@sdwt.org](mailto:TAVChair@sdwt.org)

### Sunshine Committee

Mavis Porter

### Webmaster

Roy Ulrich [webmaster@sdwt.org](mailto:webmaster@sdwt.org)

# The Last Page - "Cutoffs"

(Odds and Ends)



Looking for other virtual woodturning symposium?

Check out **Woodturners Worldwide Symposium** @ [woodturnersworldwide.com](http://woodturnersworldwide.com)

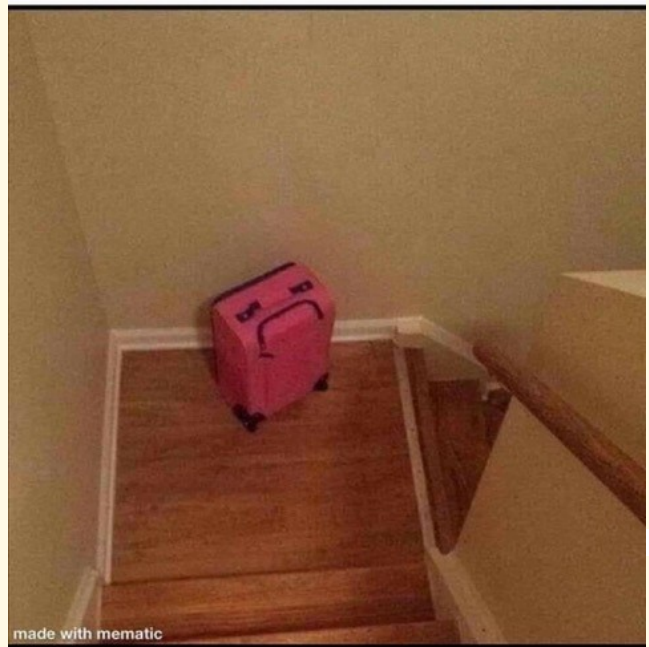
September 24th - 26th. On-Line Symposium. Early Bird registration thru 31 July, 2020.

## On the Lighter Side....

### More PANDEMIC HUMOR:



Telling your suitcase there's no vacation this year can be tough. Emotional baggage is the worst.



## San Diego Woodturners (SDWT)

A Nonprofit Corporation

A Chapter of the AAW

9984 Scripps Ranch Blvd #198

San Diego, CA 92131



### Next Event:

**Cindy Drozda**

**ZOOM Video Conferencing Demonstration**

**18 July 2020; 0900 (0830-0900 Log-In)**

**A few days before the meeting be on the lookout for an SDWT email blast to Members with ZOOM access/password info.**