

Charlie Saul
Turnings with Carvings and Piercings
April 13, 2019, 8:30 - 12:30



When Show and Tell occurred at our last meeting on March 9, there was a beautiful hollow form/bowl on the table with carved lizards and two snakes decorating the pierced and carved top. Our presenter for April, Charlie Saul was waiting to come up and take his turn at Show and Tell and present that carved piece of art.

It was the prelude to his presentation on making turnings with carvings and piercings. The bowl/hollow form was eye catching and took many hours to make.

If you were at the March meeting you had a preview of what Charlie Saul will be demonstrating to all of us at the April 13, 2019 meeting. Charlie has developed a unique style that is his own. He has demonstrated at other clubs and now will be coming home to his club to show us how he creates his art treasures.

It is always a pleasure to watch members become wonderful turners, and find that niche that they have created and fit in so well.

Please join us for the April 13, 2019 meeting. Bring some artwork or tools with you to share with your fellow club members. See you at the April meeting.





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 Kim Wolfe at: president@bayareawoodturners.org if you would like to be on the agenda.

2019 Event Schedule

Apr 13th	Charlie Saul Turnings with Carvings & Piercings 8:30-12:30
May 11th	Lynn Yamaguchi Japanese Heritage Winged Bowl 8:30-4:30
June 8th	Harvey Klein Miniatures 8:30-12:30
July 13th	Turn for the Troops 8:30-12:30
July 11-14	AAW 2019 Symposium Raleigh, North Carolina
Aug 4th	BAWA Picnic 11:00-2:00 Date Change to 1st Sunday of Month

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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Epoxy Ring Embellishments with David Fleisig

Mar. 9, 2019



Before David Fleisig began his presentation in March he had laid out a broad spectrum of work ranging from wine glasses, to boxes to plates. He has adopted the use of epoxy ring embellishments for many of the items he turns.

David, an attorney and long time club member showed us his unique approach to adding his personal touch to his art. The approach was practical and unique. The clear colored epoxy, some epoxy with inserts like wood or decorations brought the element of light to his work.

As he displayed his pieces he brought small lights and dropped them into the glasses and boxes he made which made them seem to move and glisten. It made me think of Tinker Bell from the movie Peter Pan flitting around and brightening things up as she moved from place to place.

To come to a meeting and learn how to make improvements to an item that I make is always a good day for me. Richard Dietrich took lots of pictures. The presentation will be on the club meeting video site and will allow us all to review it when needed to hone this new skill. We now have another way to dress up what we create.

I was impressed with the demonstration. What I look forward to is trying my hand at making epoxy enhancements on some turnings that desperately need something to make them stand out.

David, thank you for the great presentation and the import of a new skill to our members.



Some of David's work



Digging out the trench



Getting to correct depth



Applying paint



Watching paint dry



Level & ready for filling



Adding dye-drop by drop



Filling trench



Turning inlaid platter



Round carbide scraper & Epoxy



Profile of scraper



Inspecting inlay



Polishing platter



Polishes used

Lynne Yamaguchi

Japanese Heritage Winged Bowl

May 11, 2019, 8:30 - 4:00



Lynne Yamaguchi is our presenter for May 11, 2019. She turns a unique variety of bowls like the Japanese Heritage bowl that she will be demonstrating. Her perspective on design and her heritage set the stage for work that is stunning; with a Japanese flair that sets her apart from other bowl makers.

The way she looks at art and design, the way she teaches turning and ways to help you generate ideas is inspiring. Here is a small taste of how she feels about creative thinking and how we can enter her universe:

Lynne believes that creative thinking is an innate human trait, essential to our species' survival: it is how we solve problems, large or small, that doesn't have a fixed or known solution. As children, we explored that potential through imagination and play. If you remember playing pretend as a child? Remember the lives you imagined for your stuffed animals, dolls, action figures, toy trucks and cars and trains? Remember being able to create and populate whole worlds in your mind?

She has also developed a program of exercises to take us to that creative place. A series of exercises designed to teach you to suspend judgment, open you to new perspectives, spark lateral thinking, give you practice in generating ideas, and help you find your inspiration.

Though she won't have time to give you her complete training program, we hope that she can pass on a few nuggets of gold that will help you with your designs and future projects.

For more information on Lynne, please visit her site, lynneyamaguchi.com. It is a wonderful site and can give you more information about Lynne.

Lynne's resume is filled with accomplishments; it includes Exhibitions, Juried Art Shows, Demonstrations and Classes, a Residency, Multiple Publications, Grants and Scholarships, an extensive Woodturning Education and list of Associations. She is a major contributor to the Woodturning Community.



President's Chatter

April 2019



Nothing like a deadline . . .

Wow, what an impressive selection of turnings! Last month you/BAWA members brought an amazing array of turned show and tell items to the meeting, including an awesome piece from this month's demonstrator, Charlie Saul. When I casually mentioned that I needed to stop doing other stuff and get to my lathe, it was no joke. Certainly each of you have experienced busy moments in life that keep you from your shop and the joy of working with wood. I am there.

One of my friends, a potter, called and invited me to share her gallery space in May. Without hesitation I said, "of course I would love to". There is nothing like a deadline to light a fire under my rear. I do not have a vast array of turnings to fall back on and with the show date looming it is time to head to the shop. I do have a small stash of interesting woods to work with and a strong desire to not look foolish in public. Let the chips fly!

I did skip the Oregon Woodturning Symposium to prepare for this deadline. So, I am looking forward to hearing from our members that made the trek. Please share any tips and techniques you picked up along with other interesting insights. Additionally, the AAW International Symposium Raleigh, North Carolina is just around the corner. We have a small but mighty contingent attending and I know they will enjoy every moment. The deadline to register online for Raleigh is June 23rd.

See you Saturday,
Kim Wolfe



by Cindy Navarro

Cindy returns next month

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.

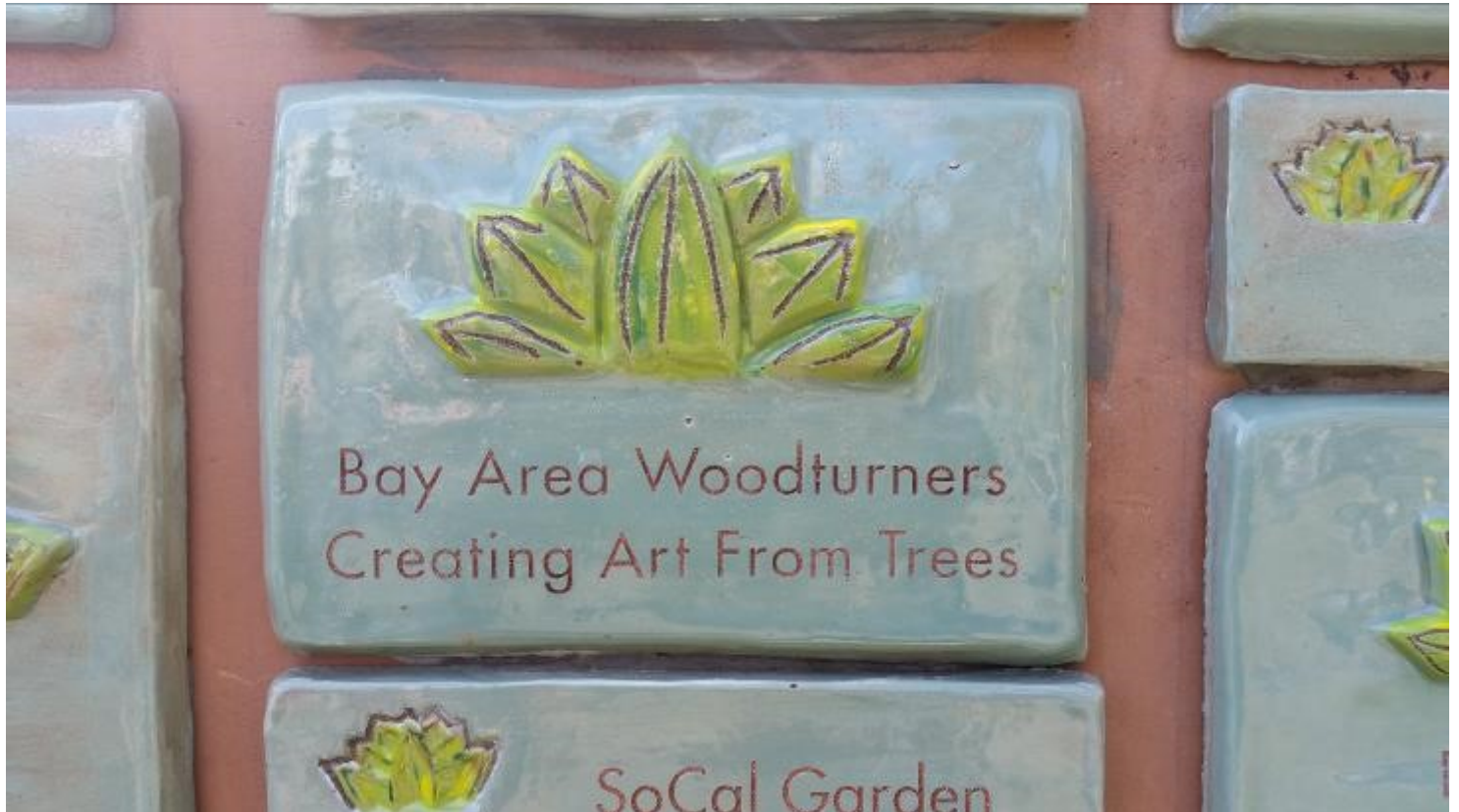


Ruth Bancroft Garden honors BAWA

Members of our club have been very supportive of the Garden over the years and, as a result, they have decided to thank us by displaying a donor tile in our honor. Most items we crafted for their fund raising came from trees that had to be felled in the Garden. The first was a Chilean Acacia and more recently a Deodar Cedar. The proceeds from selling our items at various functions have contributed thousands of dollars toward building the new educational center which will be dedicated June 2nd.

I encourage you to visit the Garden and view our tile on the donor wall.

Contributed by Dave Morris



**Antique Sussex chair makers
wood turners lathe**



March Show & Tell



John Langen-
Vase



Bob Horn-
Awls



Albert Ornelas-
Jewelry Hanger



Ed Steffinger-
Urn



Vern Stovall-
Lantern



Dave Morris-
Bowl

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March Show & Tell (cont.)



Gary Bingham-
Boxes



Hugh Bevan-Thomas-
Inlaid Black Box



Carl Mercer-
Vase



Brad Adams-
Bowls & Hollow Form



Bob Nolan-
Basket Illusion



Charlie Saul-
Carved Hollow Form



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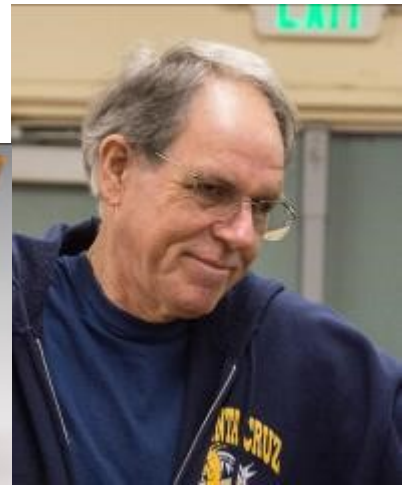
March Show & Tell (cont.)



Pete Nakatani-Bowl



Peter Twelker-NIP Vase



Tom Howard-Bowls



Harry Levin-Bowl



Michael Hackett-Square Bowl



John Cobb-Bowl



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March Show & Tell (cont.)



Dave Bentley-Tool Handle



Joel Albert-Stoppers & Vases



Raleigh 2019

AAW | AMERICAN ASSOCIATION
OF WOODTURNERS

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.



DON'T FORGET!

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



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!!

SAFETY MATTERS

From the Eye of a Survivor

Lynne Yamaguchi

“ Pretty safe” would have been my answer two years ago if asked how safe I was while turning. I follow safety guidelines: I dress appropriately, wear a respirator, and wear a faceshield except when sanding. I stand on a platform so I can work ergonomically (I’m short). I keep my tools sharp and equipment maintained. I read manuals carefully, including warnings. I would not dream of working after drinking a beer. I like imperfection, so I take calculated risks turning unbalanced, irregular, and flawed wood, but I also take extra precautions and countermeasures. I am clumsy and distractible but not reckless, and I am experienced: turning has been my full-time occupation since 2003.

On September 21, 2012, I learned I was not safe enough.

I was turning an endgrain hollow vessel from a short segment of badly cracked mesquite, about 6½” long (16cm) and 10” (25cm) in diameter at its shoulder. I had chosen a cracked log to fill an order for vessels with turquoise inlay—12 of which I had already safely turned. The wood was obviously dangerous, and I had been treating it as such, shaping the exterior at low speeds (150 rpm to 450 rpm) between centers and wrapping duct tape around the shoulder and body before hollowing. I had mounted the vessel in a chuck to hollow it, using speeds up to 550 rpm. Because of the cracks, I deliberately left the wall substantial, 1¼” (32mm) to more than 2” (51mm), planning to reduce it further after finishing the interior.

As I finished hollowing, I turned up the speed to 1200 rpm to make a few cleanup passes. This speed did not feel unsafe. There was no vibration, and I was



Turning with the wire guard in place, wearing my riot helmet and respirator. The piece, which has multiple cracks, is wrapped in plastic stretch wrap for reinforcement.

Photo: Karin Barber

out of the line of fire. Although I normally dial the speed up from and down to zero every time I start or stop the lathe, in this case after I found the sweet spot—a smooth fast speed that allowed a clean cut on the interrupted surface—I used the power button to stop, check my cut, and restart for another cut or two. I stopped and restarted once or twice, possibly three times.

Then I stopped to answer a phone call.

Without the interruption, what would likely have happened next, based on previous experience, is this: I would have sucked the shavings out, taken a last look, and, deciding I was ready to start filling the interior cracks, I would have reached over to turn the speed back to zero without turning the lathe back on.

Interruptions happen

Answering the phone call interrupted my normal sequence. Further, it changed the protection I was wearing. Up until that point, I had been wearing a half-mask respirator, my glasses, and a full faceshield. To answer the

phone, I took off my faceshield and dropped my respirator. After hanging up, I straightaway pulled the respirator back on, out of habit. Instead of putting the faceshield back on, however, I took a moment to look at the vessel.

I had cut as much as I dared from the interior. The exterior curve at the mouth was not quite as I wanted, so I decided to look at the vessel spinning to see past the duct tape, to check the rest of the curve. I pulled the power button on.

I cannot blame the interruption for what happened. Interruptions happen, and I knew from experience the hazard of turning the lathe on when the speed is high. I had, in fact, been trying to train myself to check the speed dial position before turning the lathe back on after an interruption. This I failed to do—my foul, my harm.

When I turned the lathe on, the high speed did not trigger alarm—I often turn at high speed, working on smaller, more delicate pieces. And I was only looking, after all.

The irony is that my next step would have been to turn the lathe off. I have a »

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clear image of the piece as I last saw it, wrapped in duct tape: I could not have touched up the exterior surface even if I had wanted to. Also, the tool I held was not the right one, and I had not even raised it for use. If I had, my forearm might have provided some protection. As it was, I was just looking.

Impact

I heard the wood give, and something slammed my face. I stepped back off my platform and dropped to my knees. I could feel warm liquid begin to flow from my face. I was extremely dizzy and faint.

I pulled my respirator off, dropped it, then stood up. I looked at the garage door and dismissed the likelihood of reaching it and wresting it open. I took the few steps to my toolchest, turned off the radio, and groped for the telephone. I returned to my original spot and collapsed back to my knees. I felt strongly that I might pass out. If I dialed 911 and lost consciousness, EMS would have difficulty locating me and getting in. My partner works a mile away, next door to a hospital. I dialed her work number, and to the woman who answered, I said clearly and forcefully, "Tell Karen to come home right now," and hung up.

I stayed down for a moment trying to collect myself. I saw my glasses lying next to where I had dropped my respirator. I picked them up and stood up, made my way to the doorway, turned out the lights, locked and closed the door, and crossed the back porch to the kitchen door. I stopped; I couldn't remember if I'd locked the studio door. I turned around and went

back to check. I had. As I was walking back, I noticed blood drops on the floor, so I picked up the corners of my apron to catch the blood. I locked the kitchen door behind me, walked to the refrigerator, and grabbed a dishtowel, holding it to my face, still clutching the corners of my apron. I passed into the living room, picked up my purse, and went out the front door. I had just turned to lock it when Karen pulled into the driveway.

I walked to the passenger side, got in, and told Karen to go lock the front door, which I had to repeat, because she didn't understand. She got out, did so, got back in, backed out, and drove. I did not attempt to buckle my seatbelt. I huddled in the seat, clutching the armrest to keep my balance. I could hear Karen debating which hospital to go to. I couldn't answer. Karen thought I had passed out. I heard us pull up, heard her leave to get help. Someone opened the car door, and people helped me into a wheelchair.

At that point, I surrendered control. That's the last I really remember of that day.

The damage

All of the bones in the left side of my face, from above my teeth up through my eyebrow, and from beside my nose to my temple, were fractured; it took four titanium plates to reconstruct my face. The bone at my temple was pulverized, with not enough left intact to even attach a plate. My eyelids were split through and hanging loose. My lower eyelid did not survive; my brilliant surgeon has since made me a new one using cartilage and

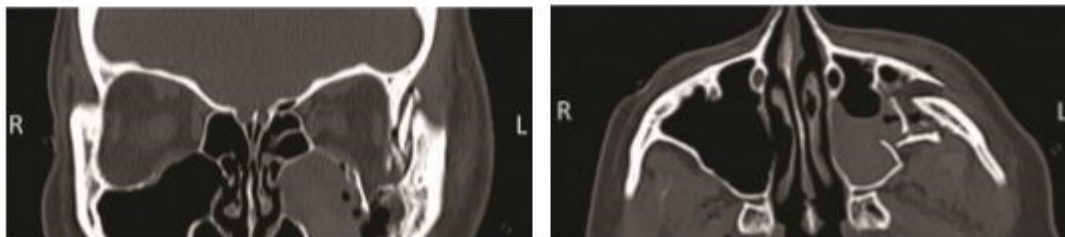
skin from my left ear. My eyeball did not rupture, but my lens was knocked perpendicular and had to be removed. My iris ruptured, so my pupil is permanently blown. My retina detached soon after, necessitating two surgeries, and my macula is deeply scarred from hemorrhaging, leaving me without central vision in my left eye. The nerves of my cheek and around my eye were damaged and are still regenerating. My eye does not drain properly, so tears spill out constantly. For months, my eyelids would not close properly, leaving my cornea dry and painful. I have had six surgeries, and counting.

Given the severity of my injuries, I wondered how much difference my faceshield would have made. Not much, I discovered to my surprise.

Faceshields

In the United States, the safety standards for eyeglasses and faceshields are specified in ANSI Z87.1-2010. Under those specifications, to be rated impact resistant, a faceshield needs to withstand an impact of about four joules of kinetic energy and a penetrating impact of about six joules. The vessel I was turning broke into three pieces, and the one that hit me weighed one kg (2.2 lb). Traveling at nearly 16 m/sec, it struck me with 127 joules of kinetic energy, more than 30 times the high-impact and 20 times the penetrating-impact standard.

Europe (EN 166:2001) and Australia and New Zealand (AS/NZS 1337.1:2010) have higher impact standards, with the highest rating ("high energy impact" and "extra high impact," respectively)



CT scans of my face right after the accident. Compare the left and right sides to see the bone damage and swollen soft tissue.

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The vessel that broke apart while turning, finished. The segment that hit me is to the left, delineated by the turquoise.



My riot helmet and half-mask respirator
Photo: Kari Haber

requiring resistance to more than 15 joules. Even with those higher standards, I would not have been protected. What's a woodturner to do?

The solution I came up with is a riot helmet, which is required under the NIJ 0104.02 standard to withstand an impact of 111 joules (88 joules for a penetrating impact). That number is still short of 127, but at least it is in the same order of magnitude. To meet this standard, the helmet's faceshield has to not only remain intact under the impact, but also not contact the face it is protecting. I reason that the faceshield may deform with a greater impact (polycarbonate is not supposed to break) and I may receive some injury, but it will be considerably less than without it—or with a standard faceshield.

The riot helmet is affordable, less than \$100 on sale, and it accommodates my half-mask respirator. For comfort, I chose the lightest one; it weighs 2 lb 3 oz, little more than a powered respirator. The faceshield itself measures about 0.162" (4.1mm) thick, compared to 0.043" (1.1mm) for my Bionic faceshield. You can get riot helmets with thicker faceshields if you are willing to go heavier; too heavy, though, and you might find yourself reluctant to wear it. The next step up would be a ballistic helmet, with three times the weight and 10 times the cost. If you feel the need for a combat-grade

helmet, perhaps you should rethink what you're doing at the lathe.

I don't wear my riot helmet all the time. I weighed some pieces and ran sample numbers: the kinetic energy of a 0.05-kg fragment (less than two ounces) from a 7" bowl spinning at 1200 rpm would be about three joules; at 2200 rpm, more than 10 joules. A fragment of the same weight from a 12" platter spinning at 1200 rpm would hit with nine joules of energy; a larger fragment—say, 0.2 kg (seven ounces)—nearly 37 joules. Most of what I turn is under 7" diameter with little mass, so my regular faceshield suffices. But now I know how to more realistically assess the risk, and I choose my protection accordingly.

P-r-o-t-e-c-t

I have also installed the guard that came with my lathe, and I use it as much as is practical. It does obstruct my view when I am trying to perfect a curve, so I lift it in the final shaping phase, but otherwise I hardly notice it.

What else do I do differently? I always check that speed dial. I answer the phone only in between tasks. I use plastic stretch wrap, layers and layers of it, not duct tape, to reinforce iffy vessels. I turn at slower speeds.

The biggest change in my approach to safety is attitude. People say, "Safety first," but how often do we mean it?

Instead, time, money, expediency, or convenience dictates our actions.

I have learned a lot about eyes: Human eyes are made to focus on one thing, then another, then another. It's not just easy to miss the big picture; it's hard to see it unless we actively attend to it. Safety is part of the big picture, and this smack in the face got my attention.

Among the lessons I have learned is this radical concept: I am worth protecting. I am worth the time, effort, and money. It does not take a lot: An extra moment to assess what I'm doing before I begin a task, a few seconds to stop the lathe before moving my toolrest. Minor investments in additional equipment: the riot helmet, chainsaw chaps (I already had a helmet), safety glasses. Afternoons spent building a sawbuck and rip and crosscut sleds for my bandsaw.

There is much more at stake than my physical well-being. The physical cost of my accident is obvious; the psychological and emotional cost to my loved ones cannot be measured: Karen seeing my destroyed face; my family and friends hearing the news, not knowing the prognosis; my need for support throughout my long recovery. The financial cost is considerable, even with insurance, and it continues to mount. Professional costs include lost momentum, time, income, and ability.

I have faith we will eventually recover. And great blessings, life-changing gifts of grace, have come with all this. But do I wish I had learned the importance of safety from someone else's mistake? Abso-damn-lutely. Here's your chance. Will you embrace it? ■

Lynne Yamaguchi is a professional woodturner who specializes in sculptural vessels that reflect her Japanese heritage. In between surgeries, she is back to turning full-time. She continues to find redemption in imperfection and is learning to live without depth perception. Find out more about her work and accident at lynneyamaguchi.com.

Two charts are available on AAW's website at woodturner.org/?page=safety: Assess Your Risk and Comparison of Kinetic Energy Values.

(Articles courtesy of AAW)