

# *The Anvil's Horn*

**A Publication of the Arizona Artist Blacksmith Association**

Issue No. 214, January 2022



*Leafing hammer made by Michael Sobrado as part of his demonstration of induction forges for AABA in November*

# President's Message

Greetings Blacksmiths,

Happy New Year! It is indeed an honor to serve as your president. I'd like to thank Jason and all the AABA presidents before me for their guidance, enthusiasm, and experience. I know I have big shoes to fill and am excited to live up to your expectations.

What Jason said recently about our Blacksmith family and our relationships – I had not realized their importance until we couldn't meet for a year and a half. It is good to start having demonstrations in person again and sharing our talents. I've always been impressed by the willingness of blacksmiths to share their talents and tips with others learning the craft. That is something that has inspired me to try new things, knowing that I wouldn't be totally on my own if I got stuck. I look forward to working with each one of you in the smithy whether it be at a demo workshop, forging class, or blacksmith competition. I learn something new every time I stretch my boundaries and discover something I didn't know I had in me.

Our exciting lineup for this year is being assembled and begins with Winterfest. It is in a different location for the next 3 years than you're used to due to other priorities at the fairgrounds. We will still have all the program and events you've come to expect and, as you know, there is something

new every year. This year we will raffle off a 140-lb. Alec Steele anvil with integrated mounting holes. It's been sitting in my shop for over a year, and let me tell you it was quite the temptation to use it just to see how well it works! However, I resisted, and it is eagerly awaiting its new owner and its first strike.

For only \$20 per ticket, you can have a chance of taking it to your shop. Tickets are limited to 200, so the chances of winning are excellent.

I hope you can get out to your shop and make something. Be sure to tell us about it on the AABA Facebook page (AZ Blacksmith Discussion Group – Arizona Artist Blacksmith Association)

See you around the forge,



*Steve Miller*

## Contents

3	Winterfest announcement and schedule	15	Winterfest IV volunteer signup form
4-5	Introducing the Winterfest demonstrators	16	"I wanna make a sword": Dealing with visitors' questions.
6-7	AABA Annual Meeting, Banquet, and Auction	17	ABANA Information
8	November demo report	17	ABANA 2022
9	Guest editorials - Why join a blacksmith group?	18	Members' ads
10-11	Calendar and other AABA news	18	Benefits of AABA Membership
10	CBA Spring 2022 Conference	19	Sources for tools and materials
12	Storyboard - Bolt Tongs	19	AABA Membership Form
13	Winterfest IV registration form		
14	Members Gallery: Brian Hughes, David Bridenbaugh		

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Material submitted for publication in the Anvil's Horn may be edited or rejected by the editor. Material submitted must be your own work, not plagiarized. By submitting material, you agree to allow AABA to edit, print, or post on the AABA website. You also give permission for the material to be reprinted by other blacksmith publications (i.e. publications of ABANA and of ABANA affiliates). **Copyright.** The creator may retain copyright for the work. If we publish a copyrighted item, consent of the copyright holder will need to be obtained before republication. **Graphics.** High-contrast, high-resolution digital picture files and original drawings are preferred, but we can work with lower-contrast, lower-resolution graphics.

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# AABA Winterfest IV

Thursday - Saturday, January 13-15, 2022  
Brandi Fenton Memorial Park  
Tucson, Arizona

\*\*\* We need volunteers to staff several functions throughout Winterfest. Check page 15 for volunteer jobs. \*\*\*

## Program (subject to change):

Check the AABA website, [www.azblacksmiths.org](http://www.azblacksmiths.org), for more schedule details.

### Thursday:

- 4:00 - 7:00 pm: Registration
- 7:00 - 9:00 pm: Slide shows by demonstrators
- 9:00 - 10:00 pm: Open Forge

### Friday:

- 7:30 - noon: Registration
- 8:00 - noon: Demonstrator - Michael Bondi
- 8:00 - 5:00 pm: Gallery open (Vote for your favorite gallery entry)
- 9:00 - noon: Little Tent Event with Sarah Krulee Harms and the Education Tent
- Noon - 1:00 pm: Lunch on your own
- 1:00 - 5:00 pm: Demonstrator - Lisa Elias
- 1:00 - 4:00 pm: Little Tent Event with Sarah Krulee Harms and the Education Tent
- 5:00 - 7:00 pm: Dinner on your own
- 7:00 - 9:00 pm: Forging contest - bring your favorite hammer and tongs. Details will be announced at the contest.
- 9:00 - 10:00 pm - Open Forge

### Saturday:

- 7:30 - 8:00: Registration
- 8:00 - noon: Demonstrator - Rick Smith
- 8:00 - 5:00 pm: Gallery open (Vote for your favorite gallery entry. Gallery voting closes at noon.)
- 9:00 - noon: Little Tent Event with Sarah Krulee Harms and the Education Tent
- 1:05 - 1:30 pm: Iron in the Hat
- 1:30 - 5:30 pm: Demonstrator - Rich Greenwood
- 5:00 - 6:00 pm Appetizers
- 6:00 - 7:00 pm: Banquet
- 6:00 - 7:00 pm: Silent auction
- 7:00 - 7:30 pm: Silent auction winners announced
- 7:30 - 8:30 pm: Program and awards including the winner of the Lost Dutchman's Treasure Box and the Alec Steele anvil.
- 8:30 - 10:00 pm: Cleanup

### Other attractions:

- Gallery - Bring your best piece to show off.  
If you plan to enter something in the Gallery, note your entry on the registration form on page 13.

Full Conference \$95 (The Saturday banquet is separate)

Single Day \$50; Single Day for students currently registered for blacksmith classes at local schools \$20

Saturday Banquet \$20

There are two ways to register:

- Through the AABA website, [www.azblacksmiths.org](http://www.azblacksmiths.org) (credit card or PayPal) or
- Fill out the form on page 13 and mail it with a check to the address on the form.

**Meals:** • There are many food options off site but close

**Lodging:** • Some dry RV Sites are available at Brandi Fenton Memorial Park.

Reserve through the AABA website or the printed form on page 13 of this issue.

- Hotels, motels, and other camping options are available in and around Tucson.

\*\*\* Masks are required by Pima County inside all Pima County buildings (Demonstrator Barn for Winterfest IV) \*\*\*

**As always, safety glasses  
are required in the  
demonstration area.**

Hearing protection, closed-toe shoes,  
and long clothes of natural fibers are  
recommended.

### Directions

To Brandi Fenton Memorial Park, Tucson, AZ

- I-10 to the Prince Rd. exit
- East on Prince to Campbell Ave.
- North (left) on Campbell to River Rd.
- East (right) on River, drive through several curves to the light at River and Alvernon (about 1.8 mi.).
- Turn right and enter Brandi Fenton Memorial Park.
- Almost immediately turn right at the Sculpture Tucson sign.



## Winterfest IV Demonstrators

### Michael Bondi



When I started my own architectural design shop in the mid 80s , I began developing more non-traditional work within the ironwork genre. I was drawn to the European Art Deco and Arts and Crafts movements and began to explore the use of textured material in contrast to smooth surfaces. I also incorporated non-ferrous metals such as copper, bronze and monel to introduce contrast in color. In continuing development of my work, I have introduced machined metal parts and geometric shapes in contrast to forged surfaces. I have been involved in a dialogue between art, craft, architecture and

function for 40 years. My work is focused on wrought metals (blacksmithing) as an artistic expression for ornamentation in architecture with the challenge of combining artistic creativity within the confines of architecture, form and function.

More at <https://michaelbondi.com>

### Lisa Elias

I'm a Artist/Blacksmith from N.E. Minneapolis where I've had my studio for more than 20 years.

I've had some nice opportunities creating private commissions for homeowners and designers...anything from gates, railings, light fixtures and curtain rods. I've also been selected to forge public works of art for our City's sidewalks and open spaces, including a drinking fountain, tree grates, benches and arbors.

I have been fortunate to do what I love.

More at: <https://lisaeliasmetalstudio.com>



### Rich Greenwood



Rich was a contestant on the premiere episode of the History Channel's "Forged in Fire" series in 2015, which prompted Pima Community College in Tucson, Arizona, to invite him to teach a course on bladesmithing and blacksmithing. He established Pokabu Forge in 2016 and is a professional bladesmith with customers across the United States. Teaching the ancient art of blacksmithing inspired him to establish Desert Metal Craft. He is a strong believer in the hands-on method of learning and teaching, from which he derives his motto: "I never make a mistake – I either succeed or learn."

• Email Rich at [rich@desertmetalcraft.org](mailto:rich@desertmetalcraft.org)

More at:

<https://pokabuforge.wordpress.com/>

or

<https://www.DesertMetalCraft.org>

## Winterfest IV Demonstrators

### Rick Smith

Rick Smith began exploring blacksmithing when he was thirteen in his family's garage. By 1992 he had completed his MFA and soon was selected for the Penland School of Craft residency. He went on to work as an independent artist for eighteen years, earning accolades in American Craft magazine and other publications. In 1998 Smith was hired at Southern Illinois University Carbondale to replace Professor Brent Kington who was retiring - offering both a BFA and MFA in blacksmithing, SIUC's metals program is the only one of its kind in the world. Smith is known for his research in laminated and forge-welded steel, patterned surface treatments and large scale repoussé in both functional and sculptural applications. Smith has taught at craft schools and institutions all over the US, Europe and Asia. In 2005 he was awarded an endowment that would aid in his research and also help to ensure the future of formal instruction in blacksmithing as an art form.



More at: <https://www.ricksmithblacksmith.com/>

### The Lost Dutchman's Treasure Chest

Richard Rozinski

Hey everybody, Winterfest IV is coming up soon, and The Lost Dutchman's Treasure Chest at Winterfest III was such a success that we'd like your help again this year. We're looking for tools that you've made either especially for the Treasure Chest or that you have made in the past and have lying around that you'd like to donate. Also, we would accept tools that you have laying around your shop that you don't use. Tools that you can live without that someone else would absolutely treasure.

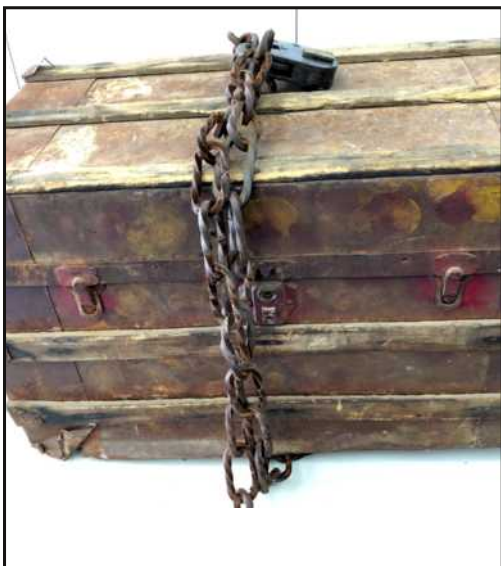
Watch for the raffle, and buy your tickets early. We'll see you at Winterfest IV.

Send your donations to:

RICHARD ROZINSKI

2675 E. Elliot Rd.

Gilbert, Arizona, 85234



# AABA Annual Meeting, Auction, and Banquet 2021

Bill Ganoe

(Photos by Bill Ganoe.)

The 2021 AABA Annual Meeting, Banquet, and Auction was held on Sunday, December 5, 2021 at the Sahuaro Ranch in Glendale, Arizona. Again, this year, the event was held in the fruit packing shed southeast of the machine shed where many past events have been held. And, again, the meal was completely catered with trays full of pulled pork, fried chicken, a vegetarian dish, beans and coleslaw. And chocolate brownies to die for.

Our president, Jason LaBrash, conducted a short membership meeting at which elections results were announced. Steve Miller was elected President for 2022, and Richard Rozinski was elected 1st Vice President for 2022. No one ran for the office of 2nd Vice President. Ali Merriman was elected Treasurer, and Terry Porter was elected Secretary. Five people were elected to serve two-year terms on the AABA Board of Directors: Bill Ganoe, Rich Greenwood, Ivan Hill, Joe Madrid, and Sam Rivera.

After the membership meeting, we moved on to awards. Trophies were awarded for pieces made by members and donated to the Auction. Mo Hamburger won the Best of Class award for the Advanced Class. Peter Sevin won the Peoples' Choice award. The Bill Callaway Award for Outstanding Member Contributions to AABA was awarded to Steve Miller.

The rest of the afternoon was devoted to the Annual Auction. The larger items were auctioned off by Len Ledet's friend and professional auctioneer, Craig Riggle. The group of larger items included pieces made by members and donated to the auction plus pieces made by our demonstrators when they demonstrated for AABA earlier this year. Those demonstrators included Jodie Bliss, George Witzke,

Matt Marzolf, and Michael Sobrado. There were also several smaller items like a stainless steel bracelet, belt buckles, a bottle opener, etc. These were sold through a silent auction to keep the afternoon from stretching into the evening.

Proceeds from the Annual Auction benefit the Read Carlock Memorial Scholarship Fund. The Fund was established to honor long-time AABA member, Read Carlock. The purpose of the Fund is to provide financial assistance to interested individuals who want to develop their blacksmithing/metalworking skills and abilities. More information about the Scholarship can be found at [www.azblacksmiths.org/read-carlock-scholarship](http://www.azblacksmiths.org/read-carlock-scholarship).

In addition to the auction items made by members and demonstrators, vendors donated door prizes and items to be auctioned. Many attendees were lucky enough to have their tickets drawn for the door prizes, and they went home with some real treasures. The vendors' donations included:

- A gift certificate from **King Architectural Metals** ([www.kingmetals.com](http://www.kingmetals.com))
- Patinas, coatings, and finishes from **Sculpt Nouveau** ([www.sculptnouveau.com](http://www.sculptnouveau.com))
- Gift certificates from **Superior Steel Stamp Co.** ([www.superiorsteelstamp.com](http://www.superiorsteelstamp.com)) which could be used for a touchmark stamp.
- A welding helmet, a welding jacket, and other welding accessories from **Vern Lewis Welding Supply** ([www.vernlewis.com](http://www.vernlewis.com))
- A propane patio heater from **Six Points Hardware** ([www.sixpointshardware.com](http://www.sixpointshardware.com)) in Phoenix.
- Gift certificate from **Brown Torch and Regulator Repair** in Phoenix.



*Roger Degner, auction spotter, Craig Riggle, and Jason LaBrash prepare to auction the Iron Queen by Jodie Bliss*



*Some of the vendors' donations*



# AABA Annual Meeting, Auction, and Banquet 2021 (Cont.)



*Chandelier by Peter Seven  
won the People's Choice  
award this year.*

*Swinging bracket by Moe  
Hamburger won the Best  
in Class award for the  
Advanced Class*



*Camping tripod with trammel  
and pot grill made by Matt  
Marzolf for the September 2020  
AABA demonstration*

*Detail of Matt's  
trammel*



*Tongs and punch made by George  
Witzke at the July 2020 AABA  
demonstration.*

*Silent auction table - before the  
bidding started*



# November Demo Report

Our demonstrator for November, Michael Sobrado, gave an interesting, detailed, and very informative demonstration of induction forging. He showed his own induction forging set up, discussed the induction heating units and the cooling units (usually water cooling equipment for TIG welding machines) on the market, and then proceeded to demonstrate the use of induction forges. He concluded his demonstration by making a leafing hammer which is shown on the cover of this issue. It was a very interesting demonstration and we left with a much better understanding of a heating technology that is coming into increasing use by blacksmiths and has some serious advantages for many, but not all, situations where you need to heat steel to forging and welding temperatures.



*The demonstration was held at the Welding Technology Building at Mesa Community College in Mesa, Arizona*



*Michael Sobrado's induction forge cart.*



*A coil that Michael used as he made the leafing hammer.*

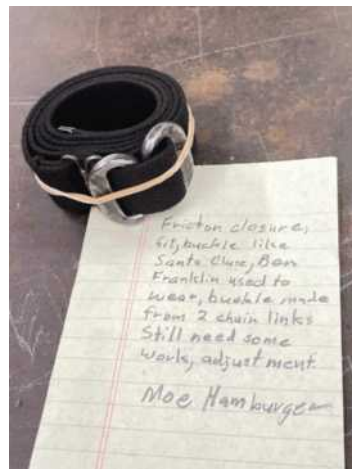
*Some of the items brought for Show and Tell at the November demonstration*



*Belt by Moe Hamburger  
As Moe described things:  
"Trying to find a way to repurpose used sanding belts? A 40-grit, quality belt, 2"x72" cut to width desired, could make a 60+" belt. Make your own buckle. You may want to strike a match or polish fingernails."*



*Sword and sheath by Tom Selby*



*Friction belt buckle by Moe Hamburger*



*Close-up of the pattern in Tom Selby's sword*



## Guest Editorials

### Why join a blacksmithing group?

What does it mean to be “self taught?”

As long as I can remember, I have heard people say “I’m self taught.” At some point, it occurred to me that this is usually not strictly true. Most of the time in today’s environment, this statement actually means something like, “I sought out the information and resources with some trial-and-error to figure it out myself without any structured guidance.”

In the blacksmith world, there are numerous videos, books, etc., available today that were nowhere to be found several decades ago. And now there are ever-increasing on-line training opportunities. It seems like it is easier than ever to be a “self-taught” blacksmith. These are all valuable skill building resources but with all of their convenience, they do have pitfalls. We as aspiring learners must be able to filter out miss-information and sometimes that only comes from personal experience. It takes some time to learn what is quality information versus informational chaff and this, again, is probably a result of personal experience. It can take multiple lifetimes to develop the highest skill levels in a personal vacuum learning this way.

*Reprinted from the June 2021 newsletter of the Saltfork Craftsmen Artist-Blacksmith Association (Oklahoma).*

Fortunately, there is a faster way. Personal training has a value that sometimes doesn’t seem immediately apparent. Actually, I have occasionally found myself applying skills I only saw my dad using maybe thirty or forty years ago. The information was there when I finally needed it. I once heard Peter Ross say something along the lines of “...books are probably the FOURTH best way to learn this stuff...” The context was that personal instruction is the absolute best way for MANY reasons. I am a huge fan of personally trying new ideas and also not necessarily waiting to be taught to try something. But, the older I get, the more I look at the limited time remaining to go the slow route. I like to take advantage of personal training anytime I can. I ALWAYS learn something valuable. Even if “I already knew how to do that.” These opportunities are usually transformational and are always fun.

This is one of the main benefits of being a Saltfork member for me. The educational opportunities and networking have been more rewarding than I would have ever expected. I hope your experience is just as rewarding.

-Russell Bartling, Editor

#### President’s Message

Greetings Blacksmiths!

A few weeks ago I had a request from a new member for a list of addresses and phone numbers of AABA members who could help him establish his business. I should have sent them the phone roster for the whole association as I believe every member would have something for them.

George first joined AABA around 1996 and attended a meeting here and there. He would still be considered a hobbyist at that time as he worked a full time job though he sold his forge work at small craft fairs. Even after we were married and he relied on blacksmithing full time, he only made one or two events a year, and usually without me along.

Somewhere about 2002 we began to pencil in AABA events on our calendar ahead of time and as a result made almost all of the events that year. Then a funny thing happened. George’s work began to morph and our business began to look less mom and

pop. His towel bars that he’d done for years of “3/8ths” material looked so much better out of “1/2”. We developed a shop rate that helped us price our production line. George learned the recipe for a beautiful brown patina. Our increased commitment to AABA was paying off.

Interestingly, while we picked this information up at the demos, none of it was what the demo was about. You see, picking up valuable tid-bits from fellow smiths is one of the perks of AABA. We have discovered that every member in the roster, regardless of whether they are an enthusiast, a hobbyist or a professional, has something to offer. Some might call it networking, but I see it more like forging friendships.

Make the commitment to become more involved and you will find, like we did, that the benefits of being a member of AABA will grow exponentially.

May God bless you and keep you safe.

-April Witzke (Past President, AABA)

*Reprinted from The Anvil's Horn, May 2007*

## AABA Calendar 2022

January 13-15 Winterfest IV  
March 20 Demo: Kurt Ferenbach: Power Hammers

Brandi Fenton Memorial Park  
Grizzly Iron

Tucson  
Phoenix

### Your dues for 2022 are due now!

## MCC Blacksmithing & Welding

The Mesa Community College blacksmithing program is an excellent deal - over 60 hours of instruction including material and propane! Classes are on Wednesday during the day with instructor Richard Rozinski, Monday and Wednesday evenings with instructors Richard Rozinski and Robert Ratliff, Tuesday and Thursday evenings with instructor Robert Ratliff, and on Saturdays with instructor Jaime Escobedo. Blacksmithing is listed as **WLD103** in the class schedule.

Class in TIG, MIG, Arc, Gas, and Art welding are all available, as is certification in any of those welding methods, at Mesa Community College, Southern and Dobson in Mesa.

Classes fill up early, but waiting lists may be available. For more information go to: [www.mesacc.edu](http://www.mesacc.edu)

## Classes at Pieh Tool Beginning/Intermediate Blacksmithing

• Beginning/Intermediate blacksmithing classes with Dylan Cook:

Jan. 14-16, 2022

Feb. 11-13, 2022

Registration is \$570.

Students will make several simple projects to take home.

• Knifemaking class with Master Bladesmith, Ray Rybar:

\* No classes are currently scheduled. \*

Check the website for updates.

Registration is \$570.

Students will make one knife.

For more details call 928-554-0700 or browse to [piehtoolco.com](http://piehtoolco.com).

## Deadline for the March 2022 issue

February 1, 2022 is the deadline submitting photos and articles for the March 2022 issue of the Anvil's Horn.

Send articles, pictures, etc. by email to:

[editor@azblacksmiths.org](mailto:editor@azblacksmiths.org)

or by regular mail to:

Bill Ganoe, PO Box 40233, Tucson, AZ 85717

## Welcome New Members

Jerry Morris  
Mark Jackson  
Joseph Miller  
Kevin Peffers  
Richard Bojorquez-Davila  
Mike Johnson  
Darla Selander  
Wesley Akers  
Alton Zhang

Camp Verde, AZ  
Cave Creek, AZ  
Chandler, AZ  
Fountain Hills, AZ  
Mesa, AZ  
Mesa, AZ  
Nogales, AZ  
Sun City, AZ  
Tucson, AZ

## Marc Larsen

Longtime member Marc Larsen of Camp Verde died on November 29 of natural causes at age 83. His obituary appeared in the Arizona Republic, and it can be seen at:

<https://www.azcentral.com/obituaries/par055116>

## Other Events of Interest

Save the Date

**CBA Spring Conference**  
Petaluma, CA



April 21-24, 2022

Come Together

We have great demonstrators lined up:

-- Monica Coyne

-- Peter Braspennix

-- Doug Pryor

-- The Bushey Brothers Jesse and Aaron

With a special guest from Italy.

The CBA teaching Team - Lead by Mark Aspery with John Williams and Victoria Ritter

And many more.

<https://www.calsmith.org/event-4379489>



# AABA Website: [www.azblacksmiths.org](http://www.azblacksmiths.org)

## Open Forge: Tucson

Tucson is still working on plans for an open forge in January 2022. If you are on the email list for southern Arizona, you will get a notice about the January open forge if the plans get worked out. If you aren't on that email list, send a request to [editor@azblacksmiths.org](mailto:editor@azblacksmiths.org)

## Open Forge: Grizzly Iron

Don't have a power hammer? Use one at Grizzly Iron, 1329 W. Lincoln St., Phoenix, Wednesdays from 5:00 PM to 8:00 PM, more or less, . Pre-registration is required. There may be changes in dates, times, and restrictions, and those changes may be made on short notice during the COVID-19 pandemic. Check <http://grizzlyiron.com/open-forge> or the **Grizzly Iron Open Forge and Workshops** group on Facebook for current details.

## Open Forge: Desert Rat Forge (Phoenix area)

Paul Diefenderfer will host an open forge at Desert Rat Forge on Saturday, January 1, 2022 (Yes, that's correct) and Saturday, February 5, 2022, from 9 AM to noon followed by lunch (You gotta' buy your own.) at the world famous Big Earl's Greasy Eats in Cave Creek. Desert Rat Forge is at: 7645 E. Highland Rd., Cave Creek. 602-509-1543 or [dief@phoenixrockgym.com](mailto:dief@phoenixrockgym.com).

Directions: From the center of Cave Creek – 4-way stop at Cave Creek Rd & School House Rd. Head north on School House 1.2 miles to Highland Rd (if you get to the 4-way stop at Fleming Springs you've gone a tad too far) . Turn right (east) on Highland After about 1 mile the pavement ends. Please drive slow to avoid kicking up dust. As the gravel road makes a turn to the left there will be a single lane gravel road on the right with a sign for 7645. Drive down this road for bit until you see the big anvil. You are there! Park in the pullout if there is room – please do not park on top of any vegetation! If no room, return to main dirt road, park along the north edge, and walk the 700ft back to property.

## If You Are Attending An Open Forge...

These open forges are part of AABA educational activities, but AABA does not provide funds for these events. They are hosted by our members for all of our benefit. So if you participate in forging, welding, use shop materials, or accidentally damaged something, please put something in the donation box to help our hosts with their expenses. Thank you! From all of your open forge hosts. **You will need to wear safety glasses. Hearing protection is recommended.**

## Classes and Events at AABA Members' Shops

### Desert Metal Craft

544 E. 24th St., Tucson, AZ

“Desert Metal Craft is the only school in the southwest dedicated to teaching blacksmithing, bladesmithing and fabrication together with the modern science behind the craft of metalworking.”

- Rich Greenwood

The schedule at Desert Metal Craft features a wide range of classes and workshops. Check the DMC website, <https://desert-metal-craft-108715.square.site>, for on-line events, details of specific events, and to register for each class or workshop

### Grizzly Iron

1329 W. Lincoln St., Phoenix, AZ

The schedule at Grizzly Iron features a wide range of classes, open forges, and workshops. For the current schedule, prices, and registration check the website: <http://grizzlyiron.com/classes-and-workshops>, or the **Grizzly Iron Open Forge and Workshops** group on Facebook.

# Storyboard - Tongs by Bill Banker



This is part of a series of storyboards that I will be including in the newsletter  
If you have any of your own storyboards, please send me a photo



# Winterfest IV Registration

Two ways to register:

- Through the AABA website, **www.azblacksmiths.org** (credit card or PayPal) **OR**
- Fill out the form below and mail it with a check to:  
Steve Miller, 16251 North 49th St., Scottsdale, AZ 85254

## Registration Form

### Winterfest IV

**Thursday - Saturday, January 13 - 15, 2022**

**Brandi Fenton Memorial Park, Tucson, Arizona**

Pre-registration is advised

Admission can be purchased at the door.

Name \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

email \_\_\_\_\_

Phone: Home (\_\_\_\_) \_\_\_\_\_ Mobile (\_\_\_\_) \_\_\_\_\_

	Price each	Number	Total
Full Conference (3 days - Saturday evening banquet is separate) .....	\$95	___	\$ _____
Single day: .....	\$50	___	\$ _____
Single day (blacksmith student): .....	\$20	___	\$ _____
Saturday banquet - price includes gratuity and soda or water .....	\$20	___	\$ _____
Meal options: Sliced Brisket ___ BBQ Chicken ___ or Vegetarian ___			
Dry RV site .....	\$10 / night	___	\$ _____
RV Owner Name.....			
License # & state.....			
			Total Payment \$ _____

T-shirts. Each Full Conference Registration includes one T-shirt.

T-shirt size	S	M	L	XL	XXL
T-shirt quantity	___	___	___	___	___

Will you submit a gallery entry? Yes \_\_\_ No \_\_\_

The gallery will be inside. Each entry must be hand-delivered. We do not have the facilities to ship entries this year. AABA cannot accept liability for gallery entries this year.

For the display card: Title \_\_\_\_\_ Artist's name \_\_\_\_\_

Size: Height \_\_\_\_\_ Length \_\_\_\_\_ Width \_\_\_\_\_ Will your entry require a pedestal? Yes \_\_\_ No \_\_\_

Send this form with your total payment to: Steve Miller, 16251 North 49th St., Scottsdale, AZ 85254

Make check payable to **AABA**.

Each Person is required to sign an Acknowledgement and Assumption of Risk in order to be admitted to the Winterfest IV Conference (including minors through a parent or guardian). I acknowledge that blacksmithing and related activities are inherently dangerous and involve risks and dangers to participants and spectators that may result in serious injury or death. In deciding to attend the Winterfest IV Conference, I have considered these risks and I knowingly assume them. I agree that I am responsible for my own safety during the Conference, including wearing appropriate clothing and protective gear and remaining a safe distance from all dangerous activities. I agree to hold the Arizona Artist Blacksmith Association (AABA), Pima County and its districts, members or employees of AABA and Pima County and its districts, and any others involved in the Winterfest IV Conference harmless from liability and expenses arising from my own actions or omissions. I agree that my admission to the Winterfest IV Conference constitutes agreement with this Acknowledgment and Acceptance by signing this form. Furthermore, I accept the following cancellation policy and agree to be bound by its terms. Notification of cancellations for refunds MUST be submitted in writing (or email) to AABA postmarked (or emailed) by December 15, 2021. Additionally, I agree to abide by and follow at all times the mask requirements imposed by Pima County for the prevention of the spread of COVID-19. Safety glasses are required in the demonstration and forging areas.

Signed \_\_\_\_\_ Date \_\_\_\_\_

## Members Gallery



### Brian Hughes

This railing with bird nest is forged steel and bronze for a client in Prescott. 1 1/2" hammered steel with rust patina and permalac matte finish, bronze eggs with patina sitting in patinated bronze wool inner nest



### David Bridenbaugh

I recently completed this medium size pneumatic power hammer. The first project it was used for was forging railroad spikes into garden shovels and it did a pretty decent job. It has some advantages over a full size hammer and I think some of us would prefer this size.

At this point it still fairly new and hasn't been used enough to know how well the frame will hold up. There could be some design flaws that haven't turned up yet and things that could be improved. A PDF document with more pictures and details is available on the AABA website, <http://azblacksmiths.org/PneumaticPowerHammer.pdf>. If anyone else builds one or something similar then please share any new ideas and improvements.



## Winterfest IV - Volunteers Needed

There are a lot of jobs that need to be done to pull off a successful Winterfest.

To volunteer, write your name in one or more boxes in the Sign Up column and then mail this form to:

**Steve Miller, 16251 N. 49th St., Scottsdale, AZ 85254**

(Be sure to write your mailing address or phone number at the bottom of the form.)

Or take a picture of this form with your phone and email it to

**stevemiller.az@cox.net**

Steve will be in contact with you about final job assignments.

Time	Job	# Needed	Sign up
<b>Prior to Conference</b>	Tow bleachers from Phoenix	1	
	Order Cake	1	
	Bring cake knife	1	
	Buy Serving plates, knives, napkins	1	
	Purchase snacks	1	
	Print blank labels for the Gallery	1	
	Print Silent Auction forms	1	
	Set up table in the tent for general seating	4	
	Gallery setup in the tent	2	
	Clean shop prior to conference	2	
	Mount cameras	1	
	Set up Monitors	1	
	Run Video Cable	2	
	Bleacher Setup with canopy	2	
	Bench seating setup Thurs afternoon	4	
	Setup Snowman by road	2	
	Set up Little Tent Event	2	
	Set up Education Tent	2	
	Set up projector with screen	2	
	Set up parking lot signage for RV, parking , etc.	6	

<b>During Conference</b>	Demonstrator Drivers - Hotel to Conf & Rtn	1 to 2	
	Snack Sales	2	
	Run camera, training provided	2 to 3	
	Run video switcher, training provided	1 to 2	
	Take out trash 4 times a day	1 to 2	
	Photos Thurs to Sat	4 to 6	
	Gallery Monitors - shared	4	
	Retail Monitor - shared	2 to 3	
	Silent Auction - Complete forms	2	
	Silent Auction - Arrange items	2	
	Setup Banquet tables for Sat evening meal	2 to 3	
	Remove trash daily	2	

<b>After Conference</b>	Remove trash after final close of hall and shop	1	
	Take down banquet tables Sat evening	4	
	Clean shop after conference	3	
	Take down bench seating	2	
	Take down bleachers	4	
	Remove signs	4	

# “I wanna Make a Sword”

By **Pete Stanaitis** *from the Metalsmith, newsletter of the Guild of Metalsmiths*

When demonstrating to the public, I am often asked if I shoe horses (I don't) or am told that the “I want to learn just enough blacksmithing so I can make a sword”: as mentioned in a recent post. Many people ask the same questions over and over, too; whatever they might be, such as “Is that a real fire?” The list goes on and on.

To all of them I give polite answers. It doesn't matter to me if I am answering the same question over and over, I just assume the person didn't get it the first time(s). In this public demonstrating mode, I am there to educate and to provide an enjoyable experience for those who came that day.

Soooooooo to the guy who says he wants to make a knife I say:

“That's good. You have chosen a respected craft to become involved in. You have, however, chosen one of the toughest parts of it. Sword making comes at the end of learning blacksmithing, not at the beginning. If you are interested, I can tell you more”

Then I go on (if they want). I also inform them about our club, offer a brochure that we always happen to have handy and tell them about our training schedule. For those who are REALLY interested in beginning or investigating blacksmithing, I might invite the person to try it at my shop.

You never know for sure which of those “I wanna make a sword (or knife)” people are simply “Conan the Barbarian Wannabes” or whether they might get hooked on the craft. I could name dozens of people in our clubs who, with a kind answer to a simple question gravitated our way over the years. Many of them now instruct in our basic workshops.

I have had the infrequent “smart ass, too. When I get one, I pretend they were making an honest comment and attempt to turn the reply into a positive tool. When they see that they don't “get my goat”: they wander away.

Oh, the knife maker wannabe---- If the person shows even a little interest, I adjust the demo for (usually a “him”), while still keeping an eye on the interest level of the rest of the crowd. You see, many people don't ask questions or they don't make comments that are in their mind, so when they hear someone else say something, they usually crowd in to hear the reply, too.

So, as I explain the processes the person will need to learn, I will draw a piece out (always making some sort of end product), etc. to show how it's done, AND---- I LOVE to get the crowd involved in heat treating which, of course, I can fit in easily with sword making. So, I make a “Striker” or fire starter; you know; the old flint and steel kit. It is just wonderful to me to see the people gather closer as I talk about the magic of hardening while I quickly whip out a simple striker after demonstrating making a fire with one. I improperly harden the one I just made then ask the crowd “do you think it'll work?” Oh the disappointment on their faces! Then “We” do it properly and it DOES work, (Big sigh of relief from the audience). After that demo is done, you see who hangs around to ask questions and go from there.

I am upbeat to everybody. Even the “old timer” who stops by to tell me that I can't forge weld in that shallow fire of my “rivet forge” gets a smile. I just keep on welding up chain while saying “no, I don't s'pose you can”.

*Reprinted from The New England Blacksmiths, Winter 2017*





## Artist-Blacksmith Association of North America

ABANA is widely recognized as the preeminent organization of blacksmithing in the world. Visit us online at [www.abana.org](http://www.abana.org) and like us on Facebook and Twitter. Join or renew your membership at: [www.abana.org/membership](http://www.abana.org/membership).

The Arizona Artist Blacksmith Association is an affiliate of ABANA.

ABANA has moved its headquarters from Jonesborough, Tennessee, to Johnstown, Pennsylvania. Blacksmithing and the steel industry have played an important part in the history of Johnstown since the mid-19th Century. That makes it a fitting place for ABANA to call home. ABANA's new home is in the historic Pennsylvania RR depot where it will have offices, a gallery, a retail shop and a library. The Center for Metal Art is located in other historically significant facilities in Johnstown.



### ABANA 2022

May 11 - 14  
North Texas State Fairgrounds  
Denton, TX

Details as they become available at:  
<https://abana.org/2022-abana-conference/>

# Classifieds

Classified ads are free to members and can be submitted by email to: [editor@azblacksmiths.org](mailto:editor@azblacksmiths.org). Ads will run for 3 issues. You can renew your ad if you need to run it after the third issue. Please let the editor know when you no longer need to run the ad. I am including photos, but, if space runs short, photos will be dropped as needed beginning with the oldest..

**Will buy your unwanted blacksmith or horseshoeing tools and supplies.**

Barry Denton, **928-442-3290** any day before 7:00 pm.

## For Sale

- 1 **Nazel 2b Forging hammer** with 3-phase motor, dies, and oiler, \$13,000.
  - 1 **Little Giant 25 lb. power hammer**, single-phase. \$2,500.
  - 1 **Little Giant** (not the one above) 25 lb. power hammer, single phase. \$3,000.
  - 2 **5'x5' Acorn type platens**, \$2,500 each or \$4,000 for both.
  - 4 **Post Vises**. Jaw widths: 4" for \$150, 4 1/2" for \$150, and two 6" for \$350 each..
- Note: these are rusty and will need to be cleaned and lubed.
- 1 **P&H 300 amp Stick/TIG welding machine**, single-phase w/ foot pedal, no leads, torch, flow meter, or bottle. \$300.
  - 1 **Cincinnati/Greeves** Vertical/Horizontal milling machine, w/ 10"x54" power feed table and tooling, 3-phase. \$1,500.
  - 1 **3-ton air-powered crane hoist**. \$450

All items are located in Buckeye, Arizona. These prices include loading onto your trailer/truck. I can offer curb-side delivery for an additional fee.

Contact: [jaegermax@msn.com](mailto:jaegermax@msn.com)  
Please put "AABA Equipment" in the subject line so I don't delete it as junk.

## For Sale

**Pallets of firebricks.** Many different sizes. All for \$400. Photographs available on request. Located in Prescott, Pick up ONLY. This is a lifetime supply. Steve Imms, **928-852-0881** or [steveimms@cableone.net](mailto:steveimms@cableone.net)

## Picture Rock

**Arizona Sierra Banded Sandstone** makes the perfect base for all your forged iron pieces. Awards, plaques, memorials, water features, furniture or anything you can imagine. Mined in northeastern Arizona, cut and shaped to your specifications.

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## Bituminous Coal from the King Coal Mine in Colorado.

Burns great! \$30 for 50 pounds  
Pick up near Tanque Verde and Houghton in Tucson.  
Casey Abbs, **520-869-8778**

## For Sale

**Swage Block.** 160 lb. in excellent shape. Never been outside. \$450.  
**Post Vice.** Good jaws, mounted on a steel base. \$200.  
Larry Dorrell, **928-925-7091**

## Gas Forge Building Workshop

Richard Rozinski is offering gas forge building workshops in his shop in Gilbert. Two person minimum. Call Rich for scheduling and prices.

**602-803-7255**



## For Sale

**Titanium Tongs** - All sizes and shapes, 50 pairs. Get them while they last. \$100 per pair.  
Bernhard Heer, **715-205-8786**

## Basic blacksmithing and metal forming workshops

Richard Rozinski is offering basic Blacksmithing and metal shaping workshops in his studio in Gilbert Arizona. Class sizes and complexity vary. Class topics range from basic blacksmithing, copper vessel raising, pewter construction and abstract sculpture fabrication.

For details text or call  
**602-803-7255**

## For Sale

**Wrought Iron.** 1 1/4" x 5" x 48".  
I have a few. \$100 ea.  
**Coal Forge**, comes with some coal. I can text photos. Price is negotiable.  
Dan Jennings, **480-510-3569**

## Sources

### AZ Tool Steel

520 S. 52nd Street #201  
Tempe, Arizona 85281  
Phone: 480-784-1600  
Toll Free: 877-795-1600

### Bar U Bar Supply

Several 65 lb. & 85 lb. swage blocks for sale. Your source for anvils, post vises, and other new & used blacksmith tools. Barry Denton. ph 928-442-3290 email: barubarranch@gmail.com [www.barubar.com](http://www.barubar.com)

### IMS

Full service supplier of steel, stainless, brass, aluminum, copper. Discounts for AABA members. (See details on pg. 18.) 5150 S. 48th St., Phoenix 602-454-1500 3757 E. Columbia St., Tucson 520-441-5900

### Interstate Steel and Salvage

Specializing in Steel, Aluminum, Stainless Steel, Brass, Copper and some alloyed metals of all types, sizes and shapes. Cutting, Shearing and advanced Flow water jet cutting for all your project needs. Valley wide delivery. Let us quote your next large or small job! 12129 W Peoria Ave, El Mirage 602-944-2000

### Old Globe Reclaimed Wood Co.

Wrought iron.  
PO Box 42101, Plymouth, MN 55442  
715-718-4410 or 952-463-8392 (c)  
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### Pieh Tool Company, Inc.

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Camp Verde, AZ, 928-554-0700  
and  
28255 N Tatum Blvd. Suite 1  
Cave Creek, AZ, 480-626-0924  
[www.piehtoolco.com](http://www.piehtoolco.com)

### Say-Mak Power Hammers

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[www.saymakhammers.com](http://www.saymakhammers.com)

### Southern Arizona Farrier Supply

1603 S. Eastside Loop ,#205  
Tucson, AZ 85710  
520-751-1443  
[www.southernarizonafarriersupply.com](http://www.southernarizonafarriersupply.com)

### Vern Lewis Welding Supply

Discount pricing for AABA members.  
Various locations in the Phoenix area.  
602-252-0341  
Dan, 602-316-4140, for tech support.

### Superior Steel Stamp Co.

Precision engraved, industrial grade stamping and marking products for any application. Brass dies for Hot Stamping Wood or Leather. Hardened Tool Steel Stamps made for marking stainless steel, forged knives/blades much more.  
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Makers  
[www.stampyours.com](http://www.stampyours.com)  
For either, contact  
[Sales@superiorsteelstamp.com](mailto:Sales@superiorsteelstamp.com)

### Tire Hammer Plans by Clay Spencer.

Send \$30US (PayPal) to  
[clay@tirehammer.com](mailto:clay@tirehammer.com).  
Or send check/money to  
Clay Spencer  
73 Penniston Pvt. Dr.,  
Somerville, AL 35670.  
I can mail a copy or email PDFs.

### Tucson Iron and Metal

Steel, aluminum, stainless, copper and brass for sale by the pound. Open Monday - Friday 8 - 4:30. Also 1st and 3rd Saturdays 6:30 - 8 am. specifically for metal artists.  
690 E. 36th St., Tucson  
520-884-1554

## AABA Membership

Benefits for members include:

Member discounts at vendors around the state: See page 18 of this issue for more details.

Reduced registration fees at demonstrations and workshops

A one year subscription to the bi-monthly newsletter, *The Anvil's Horn*

Connection to members throughout the state who can answer questions and give advice

Free classified ads in the *Anvil's Horn* and on the AABA web site.

eMail notices when event details change or new events are scheduled on short notice.

### AABA Membership Form: New Member ☐ or Renewal ☐

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

☐ Do not publish

Phone (home) \_\_\_\_\_

(mobile) \_\_\_\_\_

☐ Do not publish

Email \_\_\_\_\_

Professional blacksmith \_\_\_\_\_ Hobbyist \_\_\_\_\_ Farrier \_\_\_\_\_ Blade smith \_\_\_\_\_

Your main blacksmithing interest \_\_\_\_\_

Occupation or skill \_\_\_\_\_

Please check one:

Regular membership (\$35) \_\_\_\_\_

Family membership (\$40) \_\_\_\_\_

Mail to: Terry Porter  
2310 E. Melrose St.  
Gilbert, AZ 85297

**Make Check Payable to AABA**



**Arizona Artist Blacksmith Association**  
**Attn: Bill Ganoe**  
**P.O. Box 40233**  
**Tucson, AZ 85717**  
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**The Anvil's Horn** is the official newsletter of the Arizona Artist Blacksmith Association. Published every other month preceding the bimonthly meetings of the Association, the newsletter is oriented toward anyone interested in blacksmithing and related forms of metal work. Membership is available at the rate of \$35 for individuals; \$40 for families and includes a subscription to the *The Anvil's Horn* for one year. Every attempt has been made to ensure accuracy of information appearing here, but no liability is assumed by the Association, its officers or editor for errors, damages, or injuries resulting from any design, use, construction or application of said information. Uncopyrighted material may be used freely by other similar organization provided proper credit is given. Any copyrighted articles appearing herein should not be reproduced without permission of the author. Matters relating to newsletter submissions, corrections, etc. should be addressed to the editor: Bill Ganoe, P.O. Box 40233, Tucson, AZ 85717, Tel: 520-326-5478, or [editor@azblacksmiths.org](mailto:editor@azblacksmiths.org).

For membership information or address change, contact:  
Terry Porter, 2310 E. Melrose St., Gilbert, AZ 85297, 480-988-2070, [trp555@prodigy.net](mailto:trp555@prodigy.net)

**Your dues for 2022 are due now!**