

The Anvil's Horn

A Publication of the Arizona Artist Blacksmith Association

Issue No. 200 September 2019



*Abstract sculpture made by Fredric Crist
during his demonstration at NAU in July.*

President's Message

We just had a great hammer-in in Flagstaff at the NAU Sculpture Studio with a great instructor Fred Crist! I hope you didn't miss it, Fred is truly a talented artist and human being! If you have been following ABANA or some other blacksmiths in social media lately, you may have seen some talk about Ellen Durkan and the controversy of her art being publicized in the Anvil's Ring.

I'm not here to pass judgement on anyone involved, but I do want to say a couple things. As an association that has art in our name, we should be open to viewing all forms of art as long as it is still tasteful (i.e. not pornographic, which Ellen's wasn't). Art should push your views and make you feel something. Sometimes art makes you uncomfortable, sometimes it makes you happy. Now on another hand, I see a lot of talk about how ABANA or even AABA are stuck in their "old ways".

Whether that's true or not, one thing you can do is volunteer and make a difference. If there is something you don't like, speak up and let us know. There's plenty of ways to help. In everything you do in life, you get out what you put in. The friendships and the knowledge that this group has brought to my life personally is immeasurable. I wouldn't have that if I didn't attend as many demos or board meetings or sat down and talked with other members for hours on end in their own shop. I want every member to experience that. Some of those conversations are priceless. All it takes is stepping forward and saying hi or reaching out a helping hand!

I look forward to seeing all of you in September in Camp Verde!

Jason LaBrash

Contents

3	September Demo Announcement	13	Interesting Web Links
4	September Demonstrator - Jennifer Horn	14	Members' Gallery
4	Interesting Web Links		Brian Hughes
5-6	July Demo Report	14	Shop Tips - Hardy Stub
7	Botanical Blacksmiths	15	A Tip for the Next Forging Generation
8-9	Tamahagane Workshop	16	Classes and Workshops at Member's Shops
10-11	Calendar and other announcements		Grizzly Iron, Phoenix
11	Other Events		Desert Metal Craft, Tucson
	CBA Spring Conference 2020	17	ABANA information
	Oklahoma Annual Conference, Oct. 2019	17	ABANA 2020 information
12	Winterfest III announcement	18	Benefits of AABA Membership
13	Lost Duchman's Treasure Chest	18-19	Members' Ads and Sources
	for Winterfest III	19	AABA Membership Form

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Demonstration: Saturday, September 21, 2019

Bill and Karen Morris' Home
Camp Verde, AZ

Demonstrator: Jennifer Horn



Jennifer will demonstrate making a table similar to these tables.



- Registration begins at 8:00 AM, the demonstration starts at 9:00 AM.
- Registration fee:
 - \$15 for members
 - \$20 for non-members,
- Tailgating is encouraged.
- Bring things for Iron-In-the-Hat.
NOTE: No folded tickets. Any folded tickets that are drawn will be thrown away.
- Bring things for Show-and-Tell.
Don't forget to put your name on anything you bring for Show-and-Tell.
- Lunch is on your own. There are several good restaurants in the Camp Verde area.
- Saturday night BBQ will be hosted by Bill and Karen Morris. Bring your own meat/fish/veggie burger and adult beverages. Tossed salad, beans, dessert, coffee, soda, water, and music will be provided.
- Plenty of space is available for tent camping and limited space for dry RV camping.
- If you aren't planning on camping, the annual Thunder Valley Motorcycle Rally will be held in Cottonwood on September 20 - 21, so nearby hotel/motel rooms will be scarce to non-existent. You might try Flagstaff, Prescott, Payson, or Sedona.
- Tailgaters, please consider donating to Iron in the Hat.

**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 the Morris' place

195 W. Ft. McDowell Pl., Camp Verde, AZ

- I-17 to General Crook Trail, Exit 285
- Turn right at the stop sign.
- At the next stop sign turn right onto AZ 260.
- Turn right on Quarterhorse Lane (first right east of the Verde River bridge, about 1/2 mile.)
- Turn right on Fort Apache Rd.
- Turn left on Fort McDowell (first street on the left) to 195 which is the the white house with maroon trim on the left after the road curves.

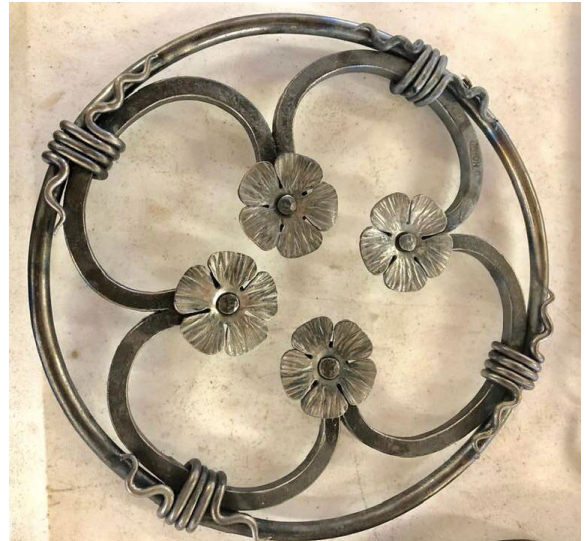
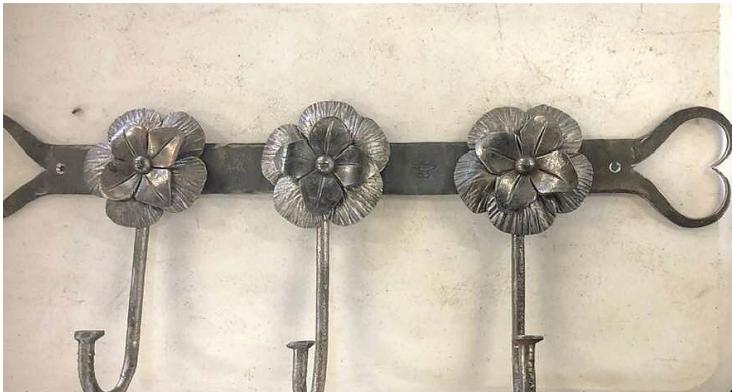
Our September Demonstrator: Jennifer Horn

Jennifer Horn is a Certified Journeyman Farrier (CJF) and Accredited Professional Farrier (APF) as well as a creative Artist-Blacksmith. She has been serving the northern Michigan horse owner community since 1992. Jennifer is an active member of the Executive Board of the Michigan Horseshoes Association, and she has served in many different ways in various aspects of the farrier industry. She participates at state-level farrier competitions and has competed with the World Championship Blacksmiths, LLC. She demonstrated at ABANA 2018 under the "Farriers Tent"

The skills Jennifer has employed in her horseshoeing business have allowed her to branch into artistic blacksmithing. In her own words, "I have found such a rewarding way to share my talent and passion with others by creating beautiful hand forged items that bring functional art that works into" peoples' homes and lifestyles. She loves learning and building her skills, and she attends several classes and workshops every year.

Jennifer is the mother of two boys, Brian and Jonathan Horn, ages 27 and 25. She enjoys the outdoors, riding horses, and riding her Harley Davidson Heritage Softtail. She enjoys travel in North America and abroad, meeting new friends, and seeing old ones. And she loves swinging a hammer!

Jennifer's shop is named Daisy Hill Forge. It sets on a hill near Sault Ste. Marie, Michigan. You can find more information about Jennifer and examples of her work at www.daisyhillforg.com.



Interesting Web Links

Iron from Sand - Oldest Form of Iron Smelting

<https://www.youtube.com/watch?v=eYga8cdUSnM&feature=youtu.be>; 11:00 minutes
(or <https://tinyurl.com/yyyj4b2j>)

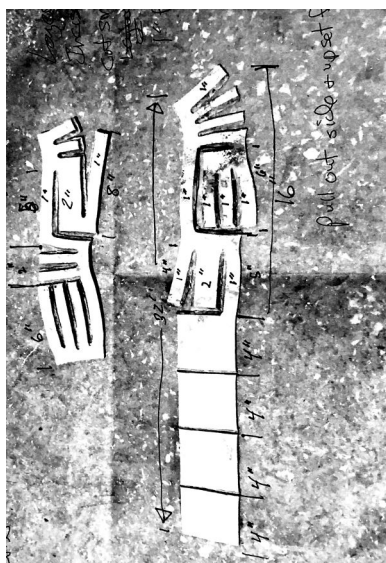
Multiple iron smelts at The Crucible in Oakland, CA. Celeste Flores, who was our demonstrator in September 2017, participated in these smelts and narrated this video. This video was filmed over six smelts between January and May 2019. The smelted iron was used to build a piece which was auctioned off at The Crucible's 20th Anniversary party. This video was very well done. For more information about The Crucible, go to www.thecrucible.org.

July Demo Report

Bill Ganoe
(photos by Bill Ganoe)

We got together at the sculpture studio at the south end of the Northern Arizona University campus in flagstaff on July 20, 2019. Our demonstrator was Frederic Crist who spent several years at the Samuel Yellin studio in Philadelphia before forming his own partnership and moving to Virginia. Fred spend most of the day creating a small abstract sculpture. He started out with a piece of leaf spring and hot-split the basic pattern that he would work with. He likes to use a lot of compound curves. He emphasized that in this kind of sculpture, you should keep the curves smooth. Our own Ronald Wicklund wielded the torch to localize the heat for Fred so he could get the bends where and how he wanted them.

After finishing the sculpture, Fred demonstrated how to make a rose out of a single piece of 5/8" round steel.



July Demo Report (cont.)



Informal meetings



*Our host, Brian Painter,
Professor of Art at NAU*



*Show and Tell
Chris Contos
Cold chisel engraving. Ax head with Arizona
Alligator juniper base.
Close-up of the ax head below.*



*Show and Tell
Ronald Wicklund*



Botanical Blacksmiths

The Botanical Blacksmiths exhibit at The Arboretum at Flagstaff officially opened on May 18 and will run through September 20. This is the 8th year that The Arboretum has hosted this exhibit and the 38th anniversary of The Arboretum itself. Thanks to the efforts of the staff at The Arboretum, our own Cathi Borthwick, and the individual artists, many of whom are AABA members, this is a very impressive show. Some of the pieces have already been sold, but most are still on display. The photos below are but a sample of the pieces in the exhibit. Maybe they will spur your own creativity and help you to develop a piece for next year's exhibit.



*Steve Miller
Copper Rose*



*Ira Wiesenfeld
Landscape with Critters*



*Liz Carlier
Large Cylinder Planter
Small Cylinder Planter*



*Cathi Borthwick and George Averbeck
Purple Flower*



*Wes Helzer
Heart on the Mend*

Tamahagane Workshop

Dominic Perkins

(Photos by Dominic Perkins)

The Tamahagane workshop with instructor Clayton Cowart at Grizzly Iron was an amazing experience with a lot of learning, a lot of fun, and a lot of elbow grease. In this workshop, the participants would learn how to make black sand (iron ore) into Tamahagane steel, which is produced using a traditional Japanese process. The participants also each get to keep a share of the high-carbon steel produced which is particularly prized by bladesmiths.

The workshop was spread over three days; Friday afternoon was spent preparing for the burn which meant chopping many bags of lump charcoal, preparing a wheelbarrow-load of refractory clay, and assembling the tataru, or furnace. While we prepared for the burn, Clayton talked us through the burn process and provided thorough explanations of what we were doing and how it related to the overall burn process. Clayton provided the answers to everyone's questions along the way, and with all this new knowledge, I was more excited than ever for the burn.

Saturday morning began with a review of the process, and a ceremonial salt blessing of the furnace, charcoal, and black sand. The process requires very particular conditions inside the furnace that have to be maintained throughout the process, so we wanted any help we could get. We lit the tataru and brought it up to the right temperature and conditions to begin smelting. In carefully measured portions, we added black sand followed by more charcoal to charge the furnace and start the smelting process. All guided by Clayton, everyone took turns checking and clearing the tuyeres, watching the level of charcoal in the chimney to see if it was time for another charge of ore and charcoal, and drawing out slag from the taps.



Clayton Cowart explaining about adding wheat flour and Borax to the black sand.

The tataru demanded constant attention over the course of several hours and we diligently worked to keep the process running under Clayton's guidance. When the tataru would have no more, we let it burn down and disassembled it to begin searching for our prize, the bloom. We did not produce a large amount of steel, but the steel we did make was spark-tested using the grinder and appeared to be high quality, high-carbon, and we were very pleased with what we had created. The long day ended with high spirits and excitement to continue.

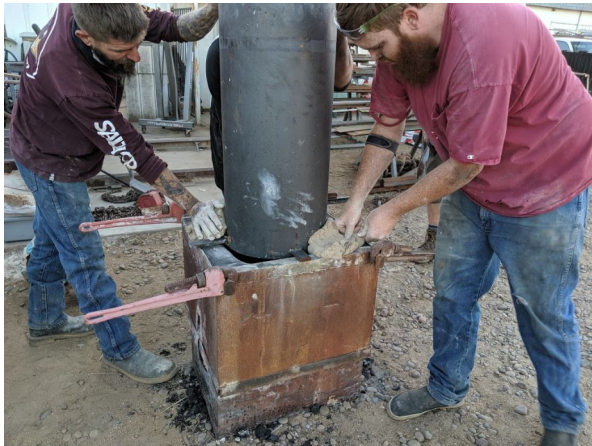
Sunday morning came and we started the process of consolidating and refining the steel to remove the impurities. We gathered together the steel that we had made and added it to some material that Clayton had made previously. Next, we began heating the pieces in the forge and pressing them into flat shingles which were of different shapes and sizes. Clayton showed us how to build a larger stack from the shingles by fitting them together. The class worked to put our puzzles together and we then put the stacks back into the forge to get them to welding temperature.

Once the stacks had heated through, we pressed them together and began to draw out the material before folding it over itself. This process helps to push out the slag and other impurities and consolidate the usable material. Once we had completed a cycle of this consolidation process, the material was quenched and broken apart. Pieces were weighted out to provide each participant with a little over 1 pound of material. The steel we each received would still require further consolidation and purification, but Clayton made sure to explain what we would need to do and offer his assistance at the Grizzly Iron Open Forge sessions to help us process our material into bars.



From left to right, the furnace base, furnace chamber, and chimney before assembly.

Tamahagane Workshop (Cont.)



Clayton and Ron Wicklund using refractory clay to seal the chimney.



Shawn Chakravarty (r.) adds a charge to the furnace while Clayton provides guidance.



Clayton checks the tuyeres while Shawn and Dakota Kallas tap slag.



Pieces of raw bloom after the burn



The stack of flattened bloom pieces being carefully placed into the forge for further processing.



A portion of the Tamahagane after further processing, though still not quite ready.

Dominic Perkins was awarded an AABA scholarship to help defray the costs of attending this workshop. He wrote this article to fulfill the requirements for his scholarship.

Calendar 2019

Sep. 21, 2019	Jennifer Horn Demonstration	Bill Morris Shop	Camp Verde
Nov. 16, 2019	Clayton Cowart Demonstration	Peter Sevin's Shop	Phoenix
Dec. 2019	AABA Annual Banquet and Auction	TBD	
Jan. 23-25, 2020	Winterfest III	Pima County Fairgrounds	Tucson

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, Tuesday and Thursday evenings with instructor Dan Jennings, and on Saturdays with instructor Jaime Escobedo. Blacksmithing is listed as WLD103 in the class schedule.

TIG, MIG, Arc, Gas, and Art classes 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

Deadline for the November 2019 issue

October 1, 2019 is the deadline submitting photos and articles for the July issue of the Anvil's Horn.

Send articles, pictures, etc. by email to:

editor@azblacksmiths.org

or by regular mail to:

Bill Ganoe, PO Box 40233, Tucson, AZ 85717

Welcome New Members

Dean Farrington	Chandler
Gary Rice	Joseph City
Randall Smid	Tucson
Peter Brown	Tucson

Classes at Pieh Tool Beginning/Intermediate Blacksmithing

- Beginning/Intermediate blacksmithing classes with Dylan Cook

Sep. 6-8, 2019

Registration is \$550.

Students will make several simple projects to take home.

- Knifemaking class with Master Bladesmith, Ray Rybar

Sep. 27-29, 2019

Registration is \$550.00.

Students will make one knife.

- Damascus class with Master Bladesmith, Ray Rybar

This is a basic damascus class. It is not a knifemaking course.

Oct. 25-27, 2019

Registration is \$550.00.

(This class was full at press time, but you may be able to get on a waiting list or get notifications about additional damascus classes.)

For more details call 888-743-4866 or browse to
www.piehtoolco.com.

AABA Website: www.azblacksmiths.org

Open Forge: Tucson

Sam Rivera will host an Open Forge in Tucson from 9 to noon on Saturday, September 7, 2019, at his shop.

Sam's shop is at 675 W. Helen St., Suite 1C, Tucson. Take Speedway to Main Ave. Turn north on Main, then turn west on Helen. Helen is the first street north of Speedway. Call Sam at 520-591-4700 if you have trouble finding the shop.

Open Forge: Grizzly Iron

Don't have a power hammer? Use one at Grizzly Iron, 1329 W. Lincoln St., Phoenix, 4:30 PM to 8:30 PM, more or less, First, second, and forth Wednesday of each month (e.g. September 4, 11, and 25, 2019) for \$20 each night. Contact Rodger "Grizz" LaBrash at 602-716-9660 or grizz@grizzlyiron.com if you have any questions. You can check the calendar for more offerings at: <http://grizzlyiron.com/classes-and-workshops>

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.**

AABA Membership: The AABA membership form has been moved to page 19.

Other Meetings and Events

California Blacksmithing Association presents

the mother of all conferences



April 30th - May 3rd 2020

Beginning to Artist



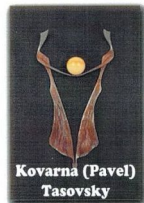
Mark Aspery and the fabulous CBA beginning blacksmithing instructors will be doing demonstrations with 20 open forges



Claudio Bottero



Christoph Friedrich



Kovarna (Pavel) Tasovsky



Pete Braspeninx

and one more to come



Monica Coyne



Details coming at www.calsmith.org

Open Forge: Desert Rat Forge (Phoenix area)

Paul Diefenderfer will host an open forge on Saturday, September 7, 2019, and Saturday, October 5, 2019, 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 Highland, Cave Creek. 602-509-1543 or 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!

Saltfork Craftsmen

Artist-Blacksmith Association



23rd Annual Conference

Oct 19-20, 2019, Sulphur, OK



Demonstrators: Peter Ross and Ken Zitour

Tent Camping (Toilet/Shower on Site) and RV Sites Available
On Site Meals, Dinner Banquet, Auction, Gallery
Iron In The Hat, Toolbox Raffle, Family Classes
Tailgate Sales and Vendors

Three Day Hands-On Workshops with Demonstrators Following Conference
(Limited Seats Available!)

For Registration and More Details Visit: Saltforkcraftsmen.org



AABA WINTERFEST III



JAN 23-25, 2020

PIMA COUNTY FAIRGROUNDS, TUSCON AZ

—❖—
CAMPING • FULL RV SITES • BANQUET •
GALLERY • SILENT AUCTION • LITTLE TENT EVENT
EDUCATION TENT (NEW)
—❖—

DEMONSTRATOR LIST

Jack Brubaker, Rodger “Grizz” LaBrash, Doug Pryor, Ellen Durkin
Little Tent Event: Fred Zweig Education Tent: Jaime Escobido

FOR REGISTRATION AND MORE DETAILS VISIT: AZBLACKSMITHS.ORG



The Lost Dutchman's Treasure Chest

Richard Rozinski

Hey everybody, Winterfest III is coming up soon and last year The Lost Dutchman's Treasure Chest 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 III.

Send your donations to:
RICHARD ROZINSKI
2675 E. Elliot Rd.t
Gilbert, Arizona, 85234



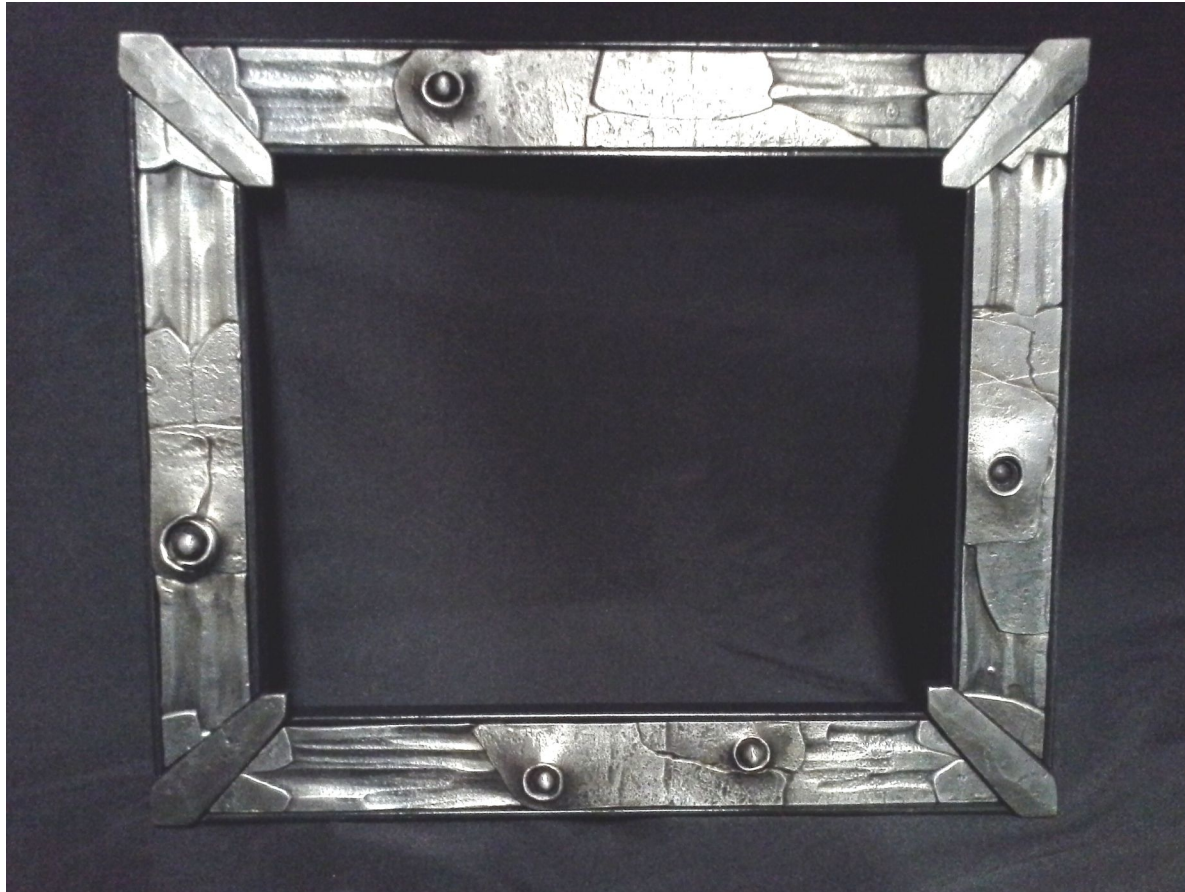
Interesting Web Links

Fire & Form, Northwest Blacksmith Association, 1979 - 2019

<https://player.vimeo.com/video/336718819>; about 17 minutes.

Short interviews with many NWBA members about the history of the re-awakening the art of blacksmithing from the NWBA perspective and discussing current NWBA activities like teaching newcomers and old-timers. It's a promotional video for NWBA, but there's a lot of interesting stuff there for blacksmiths everywhere. For more about the NWBA, go to <https://blacksmith.org/>

Members' Gallery



Brian Hughes
Picture frame, 10.5 x 12.5 inches, forged steel

Shop Tips: Hardy Stub

Albin Drzewianowski

Recently Jan Kochansky showed me a neat idea for a hardy stub. Instead of welding on a piece of square steel on to the bottom of the tool, Jan used a piece of 1" angle iron (to fit a 1" hardy hole).



Hardy stub composed of angle iron, idea by Jan Kochansky's Photo by Albin Drzewianowski

See the picture. If you have a 3/4" hardy hole use 3/4" angle iron, etc. for other size hardy holes. For some sizes of hardy holes, you may need to do some grinding/filing on the edges of the angle iron to get the correct fit.

I especially like this idea because you do not have to worry about the weld bead on the inside of the angle iron. I generally use 1" solid and have to heavily bevel the end that is to be welded to the bottom of the tool. Then I have to spend a good deal of time grinding and filing the exterior bead so that the tool will fit nicely in the hardy hole. The same goes for when I have used heavy wall square tubing as a hardy stub. Jan's idea cuts that grinding/filing in half.

If using this idea, I would still bevel the outside of the angle iron. I now realize I should have gotten a photo of the angle iron hardy stub from the other side to show the weld there. Sorry about that.

Reprinted from Hammer Notes, newsletter of the Mid-Atlantic Smiths Association, Summer 2018

A Tip for the Next Forging Generation

Raymond Rybar

It has been hypothesized by experts that forty percent of all jobs will be replaced by bio-bots in the next twenty-five years. One profession that, I believe, will not be replaced by these machines is forging. Current heavy industrial forging using fifty-ton hammers, one-thousand-ton presses, upsetters or even the Chambersburg multi- impactor require human interaction to get the job done. Consequently, if you prefer some semblance of sovereignty or freedom in your work environment forging of any type is a good choice.

If you tell your forging contemporaries this is your choice of profession and not just a hobby, they will instantly say, you better have a rich spouse, be the recipient of a large trust fund or have the winning lottery numbers first. I hear and read this constantly. Though I vehemently disagree, I have always kept my opinion to myself until recently. Having seen my three-score-and-ten pass in the rear- view mirror I will repeat that which was told to me by all my teachers the first of which was my father. He was a steel mill worker who retired on a rolling mill after having worked all mill jobs from laborer to puddler, forge shop worker and even pickler. Another early teacher was my father's brother, Uncle Steve. He was a metallurgist, superintendent of a mill and after retirement supplied me with a library of books on metal. Later in my forging education was Hugh Bartrug. He forged Damascus steel and struck very high-end blades with the elusive American Bladesmith Society's (ABS) Master Stamp. All these men are now gone but I still remember the same tip they all gave to me, and I now recite to young bladesmiths under my tutelage.

Regardless of what you manufacture or forge get out of the box. Do what is not typical. If possible, do

what cannot be easily duplicated. Do not just parrot that which has already been done. Study exhaustively and you will ultimately develop a niche in a flat wall that becomes your signature. My niche has become multiple Bible verses and images through the steel.

Presented are two simple but effective examples of signature pieces of my work. One is a large bowie knife. There are numerous bowie knife makers, many of which are much better than me. To isolate myself and get up into the arena where the air is thin, I needed multicolored hand wrought steel, mosaic bear tracks, rubies along the spine and lots of silver. The second example is a set of Damascus spurs. Again, there are many spur makers who are much better than me. Knowing that there is a large global community of single action cowboy shooters I took that knowledge to get in front of the herd by incorporating mosaic pistol images into the strap buttons.

Another tip is to make your product available to the largest pool of potential buyers as possible. For instance, I did not take the spurs to the Ben-Avery Shooting Range when the Cowboy Shooters were there. I did not take them to the local feed and grain store to leave on consignment to sell. I took them to The Blade Show in Atlanta where there is a global audience and thousands of potential buyers. If you want to be paid for your time, knowledge and product you must get off the porch and run with the big dogs. The Blade show in Atlanta may be intimidating since it brings in international sellers and buyers and is the biggest show of its type in the world. However, the buyer who has no problem paying \$30.00 for breakfast at the host hotel can afford your work if it is recognized as non-typical.

So young blacksmith, get out of the box, work hard to find your niche, offer your work to that global audience and you will do well!



The Anvil's Horn



Classes and Events at AABA Members' Shops

Grizzly Iron

1329 W. Lincoln St., Phoenix, AZ

The schedule at Grizzly Iron features a wide range of classes and workshops including:

- Fredrich Cross Workshop: September 5.
- Basic Blacksmithing Class: September 7.
- Steak Turner Workshop: September 12.
- Surface Grinder Workshop: September 19.
- Power Hammer Basics Workshop: September 25.

Grizzly Iron offers many other classes and workshops, too numerous to list individually here, including:

- Damascus Knives
- Camp Knives
- Making Tongs
- Knife Grinding

For more information about these classes check out <http://grizzlyiron.com/classes-and-workshops>. Events are added regularly, so check the website often.

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 including:

- Open Forges on various dates; September 22 and October 19.
- Blacksmithing for Beginners; September 20, October 19, and October 29.
- Viking Ax Master Class: October 4 - 6.

DMC also offers many other classes and workshops, too numerous to list individually here, including:

- Art Fabrication
- Bladesmithing 100
- Bladesmithing 200
- Heat Treating Fundamentals
- Handle Workshops
- Sharpening Workshop

For more details on each class or workshop check out the website: <http://www.DesertMetalCraft.org>. Check that website frequently for changes or additions to the schedule.

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 and like us on Facebook and Twitter. Join or renew your membership at: www.abana.org/membership

Blacksmithing, the cornerstone of all crafts for centuries, has come back to life. Once rendered nearly obsolete by the Industrial Revolution and 20th Century technology, this ancient craft has undergone a contemporary renaissance. A new appreciation of the honest, enduring qualities of forged metal has developed.

At the heart of this revival has been the Artist-Blacksmith's Association of North America, Inc., a non-profit educational association dedicated to the dissemination of knowledge about the art and craft. Started by a handful of isolated blacksmiths in Georgia in 1973, ABANA now serves nearly 4,000 members.

As part of your Membership Benefits you will receive 4 issues of the Anvil's Ring and 4 issues of the Hammer's Blow Magazine each year you are a member. These magazines can not be subscribed separately but are only received by our members. We have recently added a youth membership at a reduced rate, this membership available to those 18 or under includes a subscription to only the Hammer's Blow magazine.



ABANA 2020 Conference

Washington County Fairgrounds
392 Old Schuylerville Rd.
Greenwich, NY

Information Available at

www.abana2020.com
abana2020 on facebook
abana.org
ABANA Central Office
423-913-1022

We will be featuring 8 disciplines of Smithing with at least three talented Smiths in each.

ART: with Daniel Miller, Zeevick Gotlieb, & Ellen Durkin

PERIOD: with Peter Ross, Dick Sargent, & Bob Valentine

TOOLS: with Patrick Quinn, Jeffery Funk, & Eric Schatzel

KNIVES: with Matt Parkinson, Lin Rhea, & Jeff Helm

POWER: with Bruce Jarrell, Steve Parker, & Randy McDaniel

FARRIERS: with Dave Farley, Roy Bloom, Tom Willoughby, & Craig Trnka

TEACHING: with Mark Aspery, Gerald Boggs, & Jennifer Petrila

FARM: with Joel Tripp, Judson Yaggy, Derick Glaser, & Lucian Avery

The Patient Order of Meticulous Metalsmiths with Tom Latane, Peter Renzetti, & other exceptional craftsmen.

The lecture series will be featuring such notables such as Albert Paley, Howard Schechter, Doug Wilson, Bill Hochella, & members of the demonstrator staff.

There will be a youth teaching venue and family programs for the non blacksmiths.

The raffle will include a BAM box donated by Pat McCarty and a Big Blue power hammer.

The Iron in the Hat is pleased to announce the return of Len Ledet with his special blend of entertainment and wackiness.

The Saturday evening banquet is back with a New England style BBQ.

We will have a beer tent serving a local micro brew and a local distiller will be pouring our own signature Slack Tub bourbon. Collectable laser inscribed 2 liter wood casks can be purchased filled with our special label. See the website for information on the cask which can only be pre ordered and can only be picked up at the conference.

The Arizona Artist Blacksmith Association is an affiliate of the Artist-Blacksmith Association of North America.

Classifieds

Classified ads are free to members and can be submitted by email to: 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.

Will buy your unwanted
blacksmith or horseshoeing tools
and supplies.

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

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Blacksmith's Wife Marketing
provides marketing and promotional
services, in both digital and print, to
the metal working community. Also
providing website design and
consulting services. Contact April
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**For Sale
Portable Coal Forge**

30" x 18" work surface w/
commercial 10"x12" welded
firepot, tuyere & weighted ash
dump door. Antique Buffalo
"Bufco" hand blower & an electric
squirrel cage blower, Drop down
retractable wheels and swing up
handles for easy movement.
175 Lbs. Coke and 100 Lbs. Coal.
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North Phoenix Area
Photos available via E-Mail
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Advantages of AABA Membership

IMS has offered AABA members two great opportunities. Thanks to members Doug Kluender and Wade Smith for the idea and contacts with IMS.

1) IMS has space for member metal work to be put on display in a glass case and on top of the cut metal rack inside the store. Contact Steve Miller, stevemiller.az@cox.net, to get your items on display. These items may be for show only or they may be offered for sale. Artists are responsible for any financial exchange. IMS will make a nice card to identify the piece, the artist, and the cost.

2) IMS is offering a 10% discount to AABA members. The discount is available at the Phoenix and Tucson stores. You need to establish an account at IMS. It's free. No credit approval is needed. You can pay with cash. Give the staff your account name whenever you buy something, then request the education discount as an AABA member. If questioned, inform the clerk that they should have an AABA member list behind the counter.

Don't forget that AABA members get discount pricing at the Vern Lewis Welding Supply stores in the Phoenix area.

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

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

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Send \$30US (PayPal) to
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
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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 New Member and Membership Renewal Form

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: Wally Warnke

7070 E. Dogwood Trail.

Cornville, AZ 86325-5154

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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.

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