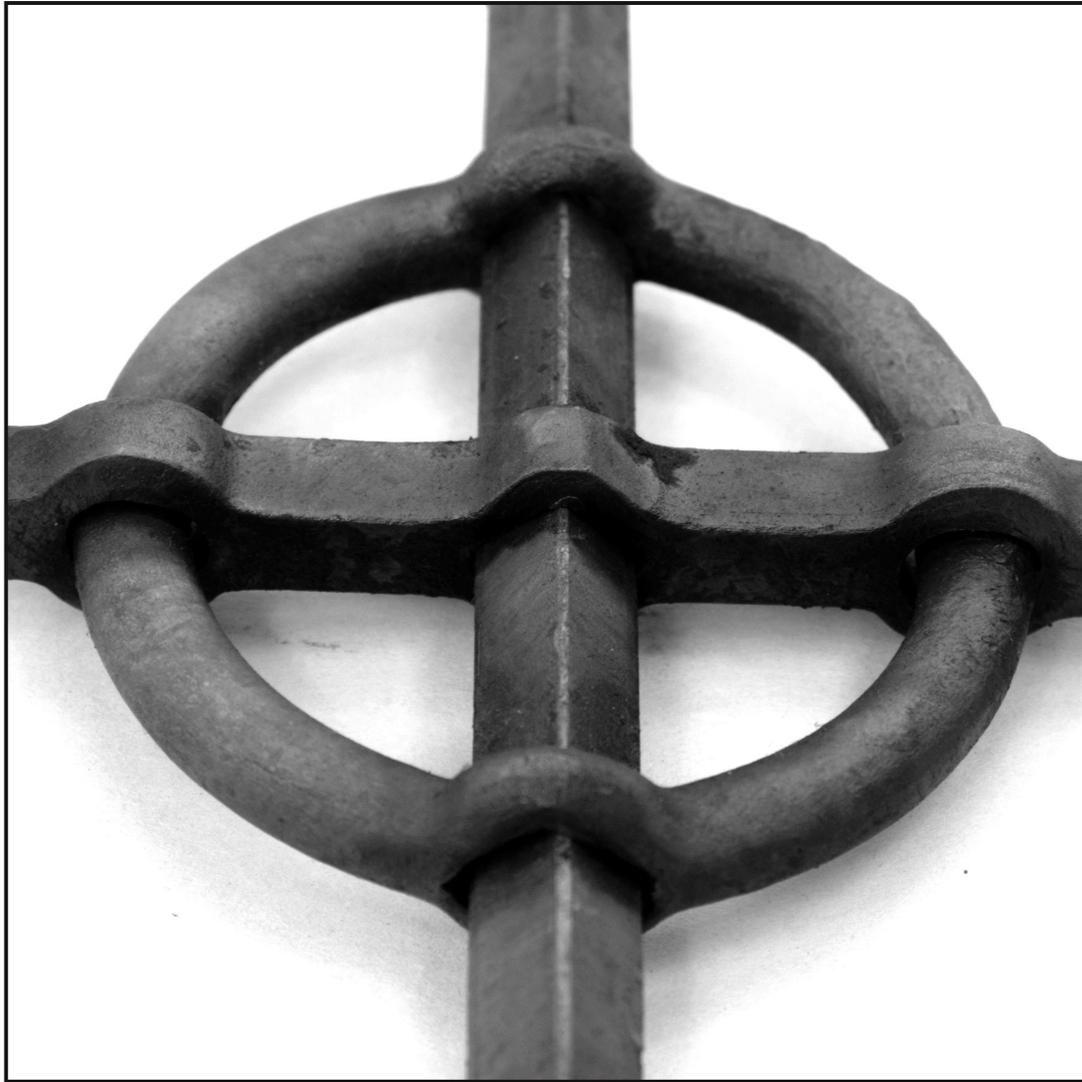


The Anvil's Horn

A Publication of the Arizona Artist Blacksmith Association

Issue No. 166 January 2014



*Mark Aspery, Example of Demonstration Piece,
Tucson, November 9, 2013*

President's Message:

Looking Ahead

Welcome aboard to new Directors Steve Miller, James McLaughlin and Sam Rivera. Thank you for stepping up to help make AABA one of the premier blacksmithing associations in the country. Thank you to directors and officers who have agreed to stay on for another year.

As we enter this New Year let us not forget some of the highlights of the one gone by. In addition to the fine slate of local demonstrators we were fortunate to host our British friends Richard Bent and Adrian Legg. We look forward to hosting more international demonstrators in 2014.

Let's face it, our craft appeals to an older generation. We need to find ways to make it relevant to the younger crowd. The challenge is both content and delivery. Dief has done a good job of maintaining web site. We have made progress and are now accepting on line electronic payment, but we lag behind in our web presence and content. It falls to each of us to provide the articles, tips and photos both for the web site and for our print publication.

The annual Reed Carlock scholarship auction was a great success. While the unseasonably cold weather may have reduced the attendance it had no effect on the quality of the items donated. The bidding was spirited as reflected in the amount raised. Thanks to John and Ivan for a fine meal. Hats off to each of you who brought a dish to share.

Safe and productive forging,

Doug Kluender

AABA OFFICERS and BOARD OF DIRECTORS

President: Doug Kluender, 73 W. Holly St., Phoenix, AZ 85003, 602-818-1230, dougkluender@msn.com
First VP: Paul Diefenderfer, P.O. Box 7766, Cave Creek, AZ 85327, 602-509-1543, dief@phoenixrockgym.com
Second VP: Harold Hilborn, Holy Hammer Ironworks, Tuller School, 5870 E. 14th St., Tucson, AZ 85711
Secretary: Terry Porter, 2310 E. Melrose St., Gilbert, AZ 85297, 480-988-2070, trp555@prodigy.net
Treasurer: Len Ledet, 24200 N. Alma School Rd., Scottsdale, AZ 85255, 480-502-9498, len.ledet@cox.cnet
Web Master: Paul Diefenderfer, P.O. Box 7766, Cave Creek, AZ 85327, 602-509-1543, dief@phoenixrockgym.com
Librarian: Pat Clark, 4149 E. Hampton Circle, Mesa, AZ 85206, 480-924-5582, pclark26@cox.net
Editor: Bill Ganoe, P.O. Box 40233, Tucson, AZ 85717, 520-326-5478, editor@azblacksmiths.org
Directors: Cathi Bothwick, Chris Contos, Bill Ganoe, Sarah Harms, Ivan Hill, Jason LaBrash, Roger LaBrash, James McLaughlin, Steve Miller, Bill Morris, Sam Rivera, Peter Sevin, John Silvestre, Ira Weisenfeld, Gordon Williams

Demonstration: Saturday, January 18, 2014

Desert Rat Forge

40218 N. 78th St.
Cave Creek

Demonstrator: Todd Howes
Punching and drifting along with some joinery.

Demonstrator: Paul Diefenderfer

A pot rack (assembled with rivits of course) along with a jig to make hooks for the rack.

Registration begins at 8:00 AM, the demonstration starts at 9:00 AM.
Registration fee: \$10 for members, \$15 for non-members

After the demos there will be a forging contest

Everyone will start with 5 ft of 5/16 sq stock (this will be supplied). You can use all or part of it. You will then have 66 minutes to make a botanical form - use your imagination.

Everyone who enters will be given a raffle ticket to win a \$50 gift certificate to Pieh Tool.

Bring your anvil, forge & tools if you got em.

- Lunch is on your own - Cave Creek has many great cool funky eateries
- Tailgaters welcome
- Bring things for Iron-In-the-Hat and Show and Tell.

Directions to Desert Rat Forge,

40218 N. 78th St, Cave Creek, AZ

First get to the town of Cave Creek

From East Valley/Scottsdale:

Head north on Scottsdale Rd from the 101 Turn left at the 4-way stop at Cave Creek Rd The next 4-way stop is School House Rd

From Phoenix:

Head north on Cave Creek Rd from the 101 The first 4-way stop you get to will be School House Rd.

Then get to Desert Rat Forge

From the 4-way stop at Cave Creek Rd & School House Rd Head north on School House 1.5 miles to Highland Rd

(if you get to the 4-way stop at Fleming Springs you gone a tad too far)

Turn right (east) on Highland

After about 1 mile the pavement ends. Keep going on the gravel road until the pavement starts again.

Turn right thru the stone walls down a paved driveway. You are there!

Remember Iron in the Hat

Thanks to all of you who have participated in Iron in the Hat. By purchasing tickets and donating items, you help support AABA events and projects. Items for donation can be a tool, piece of art, something you don't need in your shop, a great book, t-shirt, hat ... something an AABA member would enjoy.

As always, safety glasses are required.

November Demo Report

Over two years ago, Ira Wiesenfeld suggested that the Tucson Presidio would be a great place to have an AABA demonstration. It certainly took long enough for everything to get worked out, but Ira's suggestion was realized last November. We got together in the partially reconstructed Spanish fort in downtown Tucson. That fort is formally know as El Presidio San Agustin del Tucson, and is a facility run by the Tucson Presidio Trust and the City of Tucson.

Mark Aspery demonstrated punching and drifting techniques as well as the construction of a jig to help make the demonstration piece he produced. Gordon Williams demonstrated the making of a candle holder that might have been found in the home of an 18th Century Spanish colonist. (Admittedly, it would probably have been a very well-to-do colonist.)

Of course there is the social aspect of demos, and this one provide a chance to meet new people or to renew old friendships. One pleasant surprise was the appearance of Fred Borchardt. Another member who has been missing from too many recent demos was Joe Hernandez who brought a replica of the famous Tucson Meteorite/Anvil and a sample of the work he did at the San Augustine cathedral in Tucson. Some students from welding and blacksmithing classes at Pima Community College came and soaked up knowledge all day long. Some members of the general public came by -- a few who were just visiting the Presidio on a whim and some who had noticed a pre-demo article that appeared in a local arts and culture magazine, *Zocalo*. (That article was a very well-done interview with Harold Hilborn.)

The demo ended a little after the normal closing time of the Presidio. That was ok'd with the Presidio officials, but the word didn't get to the security company that watches over the Presidio when it is closed. As we were breaking things down and packing things away, several Tucson police officers arrived to investigate a possible break-in at the Presidio. The matter got cleared up without any arrests, but Rick Collins, the President of the Tucson Presidio Trust, had to drive down from his home to confirm that we had been granted after hours access.

As the sun was setting several of us gathered at Ira 's place in northwest Tucson for a BBQ.



Mark Aspery at the board, Eric Thing running the bellows.



Mark discussing punching and drifting on an angle, for example, in a stair railing.

November Demo Report



Mark's diamond drift



The diamond drift in use.



Assembling the demonstration piece.



Assembly proceeds.



Assembly completed.



Starting another assembly jig.

November Demo Report



Gordon Williams starts his demo with Eric Thing on the bellows.



Working on the candle cup,



Welding the candle cup to the support rod.



Gordon's finished candle holder



Jim Pepperl brought a cross for Show and Tell which he donated for the AABA Auction in December.

November Demo Report



A model of the Tucson Meteorite/Anvil which was used in the Tucson Presidio in the early 1800s. Joe Hernandez brought this model to the demo.

The card on the top of the anvil reads:

Approx. wt. 1400 lbs.

Diameter 48 in.

According to historical accounts The Tucson Ring Meteorite was brought to Tucson from The Santa Rita Mountains 30 miles to the south and was used as an anvil until it was moved to its present location at The Smithsonian Institution Washington, DC.

The original location of The Tucson Meteorite is yet to be re-discovered and it is believe that there are more even larger iron masses yet to be found.

For more information: The Tucson Meteorites

Author: Richard R. Willey

Smithsonian Institution Press



Group photo with the Tucson Anvil after Iron in the Hat. Joe Hernandez is at the anvil.

2013 AABA Reed Carlock Scholarship Auction

The early December chill didn't keep a crowd of members and guests from the auction on Saturday, December 7. Auction chairman, Jason laBrash, organized an event that included a great lunch of steaks, grilled chicken, veggie burgers, and a potluck of side dishes. We didn't go home hungry. After a couple of service awards, we had a lively auction of several interesting pieces donated by members. It was conducted by Len Ledet's friend, Craig Riggle, who demonstrated his auctioneer training by running a very professional and entertaining sale. In between the auctioning of individual items, winners of numerous door prizes were drawn. Door prizes included many containers of finishes from Sculpt Nouveau. Before the actual auction attendees voted on Best of Class and Peoples' Choice awards. The winning items are shown below. Photos of other items donated for the auction will appear as space and layout constraints permit, some perhaps in the next issue.



Roger LaBrash was awarded Best of Class in the Advanced Division as well as the People's Choice Award. (Photo by Wally Warnke)



William Safi was awarded Best of Class in the Novice Division. (Photo by Wally Warnke)



Steve Miller was awarded Best of Class in the Intermediate Division. (Photo by Wally Warnke)



Roger LaBrash was presented with the 2013 Bill Callaway Award for Outstanding Member Contributions. Those contributions include serving as AABA president for 3 years, opening his shop for numerous open forges, renovating and running the blacksmith shop at the Arizona Pioneer Living History Museum. Roger (holding his plaque) is surrounded by members of the Callaway Award Committee (who were Callaway winners in previous years): (l to r) Dan Jennings, Ira Wiesenfeld, Ron Kinyon, Len Ledet, Bill Callaway, and Doug Kluender.



Dan Jennings received an award recognizing his service to AABA as the editor of the Anvil's Horn for 10 years. Dan retired from that position this year. (l to r) Doug Kluender, Lyn Jennings (Dan's wife), and Dan Jennings.



Vessel by Mo Hamburger (photo by Wally Warnke.)



Lamp by Doug Kluender (photo by Wally Warnke)



Bottle openers and necklace by Terry Porter (photo by Wally Warnke)



Cross/candle holder by Harold Hilborn (photo by Wally Warnke)

CALENDAR 2014

January 4	Open Forge	Holy Hammer Ironworks	Tucson
January 12	Open Forge	Desert Rat Forge	Cave Creek
January 18	Demo	Desert Rat Forge	Cave Creek
February 1	Open Forge	Holy Hammer Ironworks	Tucson
February 9	Open Forge	Desert Rat Forge	Cave Creel

Pieh Tool Blacksmithing Classes

Beginning/Intermediate Classes with Gordon Williams

Schedule:

Jan. 17 - 19, 2014

Feb. 21 - 23, 2014

Mar. 21 - 23, 2014

\$455 for three days of classes at Pieh Tool in Campe Verde. For complete details call 928-554-0700 or browse to www.piehtool.com.

Coal Order

Dragonforge Ironworks is ordering a large hoard of coal and is looking for members who are interested in getting in on it. This will be large chunk coal from the King Coal Mine in Hesperus Colorado. He has tried it and reports that it is very nice to forge with.

Even if you have already done so please email Michael Sobrado at dragonforge1@cox.net with your contact information and how much coal you would be interested in purchasing. He emailed everyone on the list in late November and only received one response.

Pricing information is as follows and the coal will be available in large chunk form and will be delivered to the SuperstitionMountainMuseum in Apache Junction. Bagging and breaking up into smaller pieces will be available for an extra fee. The plan is to proceed when we have enough buyers to make a reasonable sized coal purchase. We will need to bring in 25 tons at one time for this venture to be cost effective.

\$250 per ton

\$150 per half ton

\$100 per 500lbs

\$20 per 50lbs

New Source

Interstate Steel and Salvage

Same Name-Same Location-New Owner

"I.S.S. specializes in Steel, Aluminum, Stainless Steel, Brass, Copper and some alloyed metal of all types, sizes and shapes. In addition to cutting, shearing and burning I.S.S. has recently acquired a 90K PSI. Water Jet to handle all your pattern and precision cutting needs. We offer valley wide delivery and specialty services tailored to your needs. I.S.S. has created a discounted pricing for A.A.B.A. members that we guarantee to beat any price in town. Let us quote your next project, no job too Large or Small."

MCC Blacksmithing & Welding

The Mesa Community College blacksmithing program is one of the best deals around - over 60 hours of instruction for just under \$450 and that includes material and propane! Saturday (Jaime Escobedo instructor) and evening classes (Dan Jennings instructor) are available. Blacksmithing is WLD 103.

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.

You should be able to sign up for spring 2014 classes now. For more info go to: www.mesacc.edu

If you try to register for any Welding Department classes on line, you might find all classes are closed (full). Contact Dan at danshammer@cox.net with the class number (time and days) of the class you'd like to take - I'll get an override number so you can sign up.

AABA Website: www.az-blacksmiths.org

Open Forge: Tucson

Harold Hilborn will be hosting an open forge on the first Saturday of January and February 2014. Questions, comments or suggestions?

Contact Harold at:

Holy Hammer Ironworks,
%Tuller School, 5870 E 14 St., Tucson
520-603-6723 or hhiborn@aol.com

Open Forge: Desert Rat Forge

Paul Diefenderfer will host an open forge on the second Sunday of each month from 9 am to noon, followed by lunch (You gotta' buy your own.) at the world famous Big Earls Greasy Eats in Cave Creek. Desert Rat Forge is at: 40218 N. 78th St. Cave Creek. 602-509-1543 or dief@phoenixrockgym.com

Directions: From the center of Cave Creek (the 4-way stop at Cave Creek Rd & School House Rd.) head north on School House 1.5 miles to Highland Rd. (If you get to the 4-way stop at Fleming Springs you have gone a tad too far.) Turn right (east) on Highland. After about 1 mile the pavement ends. Keep going on the gravel road until the pavement starts up again. Turn right through the stone walls down a paved driveway. You are there!

If You Are Attending An Open Forge...

You might not be aware but this, but these events are not funded by the AABA . 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 offer do donate to help out or help with the cost of replacing a item. Thank you! From all of your open forge hosts.

Gordon Williams Blacksmith School

Gordon Williams teaches the regular 3-day classes at the Pieh Tool shop in Camp Verde. He is also teaching short (4-hour) classes and intensive 6-day classes at his shop near Camp Verde. Check out the details at <http://www.gwblacksmithschool.com>

Deadline: January 2
for the March 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

AABA New Member and Membership Renewal Form

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

Professional blacksmith ___ Hobbyist ___ Farrier ___ Blade smith _____

Your main blacksmithing interest _____

Occupation or skill _____

Please check one:

Regular membership (\$30) _____

Family membership (\$35) _____

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

Make Check Payable to AABA

Gallery



David Bridenbaugh



Gallery



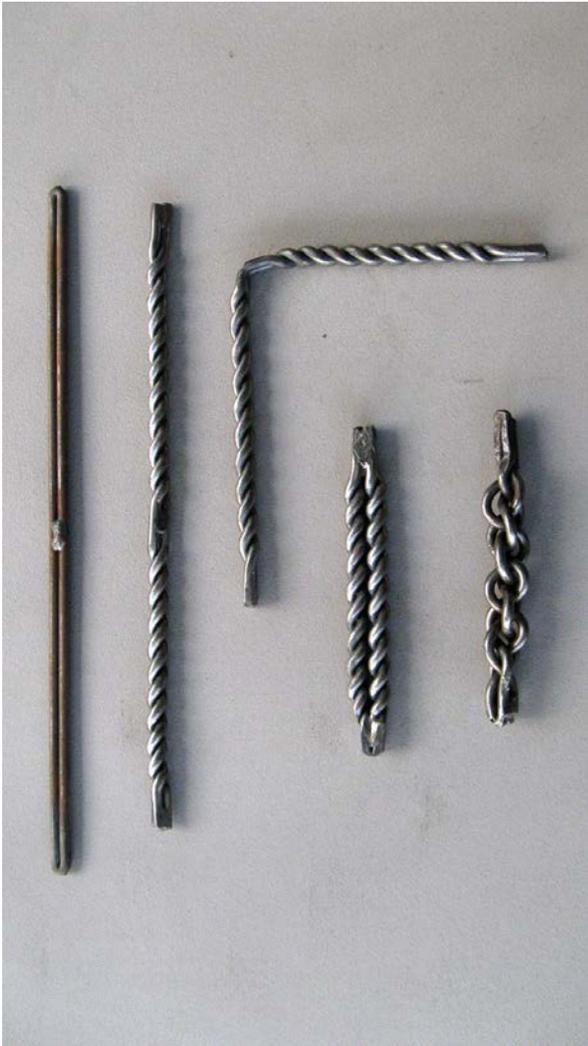
Jon deMasi

Gallery



A hair bun cap made by Kat Hilpert for her sister Lori (in the photo). Kat is one of Dan Jennings' students at Mesa Community College. She raised the copper "vessel", forged the horns from copper and spent a long time cutting and riveting the brass. The curly bits at the front are the "chop stick" things that hold it on the hair. (Photo by Kat Hilpert)

Faux Braid Twist from Doug Kluender



Instructions:

Start with a 32" piece of 1/4 round stock.

Nick & fold 8" from each end weld ends to the bar.

At yellow heat twist each end tightly 5 turns counterclockwise

Nick then fold twisted ends together.

Weld folded ends together then forge the first 1" to square.

At yellow heat twist the bundle 2-1/2 turns clockwise.

Variations:

4 turns CCW followed by 2 turns CW. All at a yellow heat.

Make all twists at red heat.

Advice:

I think the first method at yellow heat works best and yields a tighter finished product.

Red heat will not produce as tight of a twist. Be sure to keep the initial twists tight and even.

Examples by Ray Brown



The content of this article originally appeared in the North Tucson Living, Dec/Jan 2013 issue. It is reprinted here with permission of Korene Chamofsky Cohen. Do not reproduce this article without the permission of the copyright holder.

Joe Hernandez: Marana Blacksmith

by Korene Chamofsky Cohen

Some people think blacksmithing is seeing a revival. Joe Hernandez says practical and ornamental works of iron and other metals have never gone out of style. From construction electrician to certified welder, blacksmithing started out as a hobby for Hernandez, then turned into a business.

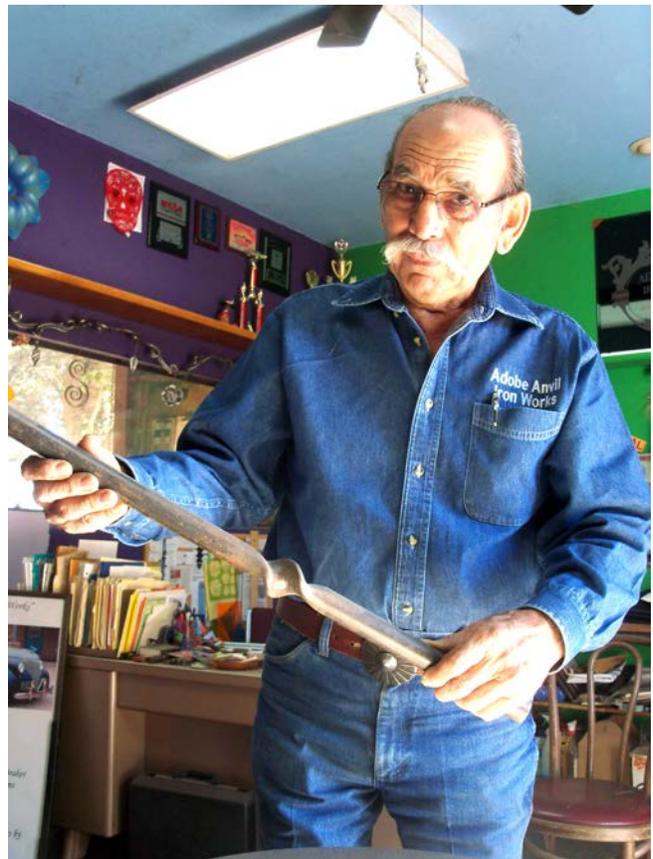
Hernandez, a fifth-generation Tucsonan, was a construction electrician for 27 years. During his career, he saw that ironworkers were hired as welders, but most of them were not certified welders. Hernandez became interested in welding and ironwork, so he went to night school to obtain a welding certification. He was able to get jobs as a welder not only because he was certified, but because he developed a reputation of getting the job done right.

Over time, his interest turned more toward blacksmithing and creating works of iron and other metals that were both beautiful and practical. Thus began a whole new career. His business is Adobe Anvil Iron Works, in Marana, and he works with iron and copper. Today, Hernandez says he does not need to advertise. Most of his business comes from repeat customers' referrals.

"It takes as many as 10 to 15 years to become really good at blacksmith work," says Hernandez. "And I never stop learning."

In 1983, Hernandez joined the Arizona Blacksmith Association. He also is a member of the American Blacksmith Association of North America. Through these two organizations, he has attended blacksmithing workshops in Arizona, throughout the United States and in Europe. He says people in these groups are very happy to share their knowledge.

Touring around the U.S. in a motorhome, Hernandez visited many places including Mount Rushmore, Denver, Milwaukee and Niagara Falls. "I learned as I traveled," he pointed out. "Whenever I saw a blacksmith shop, I stopped and found people happy to talk, and there was always something to relate to."



At a conference in Germany, which took place in five buildings, all larger than the Tucson Convention Center, Hernandez learned many things. He says each building had something different, such as furniture or tools. He also travels in Mexico, where he sees many works of iron and copper.

"When I see other people's works, a whole new world opens up to me, and I can make new designs or be creative with old designs," says Hernandez. "When I see other people's tools, I also get ideas, and come home and make my own tools." He also gets ideas from books and has an extensive library in his workshop.

Each tool, such as a hammer or chisel, is designed for a specific purpose and often can be adapted for other uses. For example, Hernandez has an extensive collection of hammers, each with a different function. Hammers are used, in part, to create designs on the metal. You can create different patterns according to the shape of the hammer. Some hammers have rawhide on the ends so they won't leave a distinctive pattern on the metal.

Hernandez often works with interior decorators on specific projects for customers. His most common projects include fireplace tools, fireplace screens, lamps, wall sconces, chandeliers and gates. He creates the projects, but he leaves the installation work to someone else. One of his projects is creating branding irons as gifts for retiring City of Marana employees, and also as gifts for visiting dignitaries. One of his larger projects was creating more than 300 flowers, 1,000 leaves and branches, 18 butterflies and six birds for the stage and the 22-foot-tall, steel lattice band shell at the Monsignor Arsenio S. Carrillo Placita in downtown Tucson on the grounds of the St. Augustine Cathedral. He has done work for people throughout the Tucson area, including work for home owners in the Dove Mountain area in Marana. His work also can be seen at the Tubac Country Club, where there are andirons, fireplace screens, fireplace tools, and grills that he created.

After Hernandez became a certified welder and had been doing this work for a while, he met a man who sold him a coal forge, and he was on his way to a new career as a blacksmith. Hernandez no longer has that first coal forge but currently has both a coal and a gas forge. Using a coal forge takes less time to heat the metal. It takes longer to heat metal in the gas forge because the heat is less intense. "You don't answer the phone when you're heating iron in the coal forge," says Hernandez. "You can't leave the metal too long because the intense heat will melt the iron, and you'll end up with iron flakes."

Besides flowers, leaves, branches, birds and butterflies, Hernandez creates other shapes such as dragon, ram and snake heads, and decorative twists in metal rods. He uses clay to create models and to see what type of markings he wants on the final product. Hammers and chisels are often used to create marks and patterns on the metal. He has an extensive collection of chisels as well as hammers, having modified some of the chisels to be able to create different designs. He demonstrated how quickly he creates dragon and ram heads by shaping them in the clay. Sometimes, he re-purposes items such as an ox yoke, a railroad tie or a car part for decorative ironworks. He also takes rusted iron and polishes it in a tumbler.

Hernandez sometimes will create a small-scale sample piece for customers to give them an idea of the final project. He also gives time estimates for finishing the piece. He doesn't take on too many projects at a time because he wants to work at his own pace, making sure the work is done properly and to the customer's satisfaction. He occasionally hires extra workers if he has a very large project.

"I have no favorite project," Hernandez states. "Every project is fun." He points to a motto on the wall that declares that this work involves "The Thrill of the Skill."

Doing demonstrations of the craft is something many blacksmiths enjoy. Hernandez has given blacksmithing demonstrations at Tumacácori National Historical Park and the Fourth Avenue Street Fair. Occasionally he goes to schools to give demonstrations. He likes to give children a "totally different view on how things are made."

"My work is very important," Hernandez declares. "But I also want to live and do other things." Restoring classic cars and going to classic car shows are among those "other things." A 1939 Chevrolet Master Deluxe and a 1955 Oldsmobile Holiday are two of his restoration projects. He also works out at the gym three times a week. You need to maintain your strength for metalwork and car restoration!

Hernandez's wife, Mary, takes care of the books for the blacksmith business, and also accompanies Hernandez to the gym for her own workouts. His son, Joe, also does ironwork (although not as his main business) and helps his father with car restoration. Hernandez's daughter, Susan, went to school to become an architect but instead became an electrician, estimating jobs and acting as project manager, but she also does craftwork. She works with glass-- tained glass, fusing glass and etching designs in glass.

"My work takes a lot of patience," says Hernandez. "But there's no limit to what you can do, and just when you think you have learned it all, you find out there's still more to learn."

Hernandez can be reached at Adobe Anvil Iron Works by calling (520) 850-4494.



Save \$50.00 by registering before January 15, 2014

Delaware State Fairgrounds in Harrington, Delaware

Demonstrators

We are working on a slate of demonstrations that will reflect the theme of the conference, and are in discussions with smiths from South America, the UK, and Europe, as well as the US, including the Colonial Williamsburg Smiths, and the Patient Order of Meticulous Metalsmiths. We are striving to have a variety of demonstrators covering a wide range of styles using tools from hand hammers to forging presses and power hammers; an iron smelt; and copper- and silversmiths. Our hope is that the only attendees we might not be able to please will be those that want to see everything! As demonstrator details are confirmed, their demonstrations will be posted on the ABANA website.

Teaching Tent

Mark Asprey and Darryl Nelson will be heading the Teaching Tent with an expanded format that will give more attendees the opportunity to participate in this well-received program.

Vendors and Tailgating

There will be indoor vendor spaces in air conditioned comfort with tables and chairs where attendees can take a break from the heat, make connections with other attendees, reminisce with old friends, and make new ones. Outdoor vendors and tailgaters on an as available basis will be housed in a large pavillion. Tailgaters and outdoor vendors operating power hammers etc. will be on an adjacent parking lot.

Seminars

We will have a variety of seminars on blacksmithing related topics in rooms around the grounds.

Family Activities

We are planning to have Arts and Crafts projects available.

Iron In The Hat

What would a conference be without Iron in the Hat? 2014 ABANA Conference will once again be having the Iron-in-the-Hat fundraiser for our educational mission. We have secured two large items for the conference, a Clay Spencer Tire Hammer made and donated by Clay, and a BAM box made and donated by Pat McCarty. Please consider making a donation of quality, well-made tools to fill the box. Any additional tools received, after the BAM Box has been nicely filled, will go to the Iron-in-the-Hat daily drawing. Please consider applying your personal touchmark to donated tools as it will add special meaning to the new owners. Our Scholarship and Grant programs depend upon these funds raised during this event.

Auction

The 2014 ABANA Conference will close with an exciting Live Auction! Many of the projects made by the demonstrators and many of the Gallery works will be auctioned. The Auction benefits the educational purposes of ABANA. Saturday, from 6:30 p.m. until ?? Open to the public!

For up to date information and a registration form, go to the Web:

www.abana.org

Need a ride to the conference?

ABANA has set up a group on eRideShare.com to enable people to find or offer rides. Go to : <http://abana2014.eridshare.com>.

You will need to create your own password protected account and then, to post a ride request or offer , or to respond to a ride request or offer, you will need the Group password. To obtain the password send an email to centraloffice@abana.org

Classifieds

Classified ads are free to members and can be submitted by email to: editor@azblacksmiths.org

Power Hammer-Ron Kinyon built
80# Mark II air hammer.
Multiple die sets and accessories.
Runs great. \$3,500
Todd 480-299-5673

David Norrie Blacksmithing School offers several different classes that focus on forging with intention, to beginners, novices, and professionals. We have a dedicated classroom space as well as 3,000 sq. ft. of shop area. Most classes are 2 1/2 day weekend workshops, and the intensive custom-designed classes are 1 week long.

We also offer simple accommodations on my property for people traveling to take the classes.

David Norrie, 303-859-0770
www.forgewithintention.com

Will buy your unwanted blacksmith or horseshoeing tools and supplies.

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

Old Cedar Forge Ready to Sell

For health reasons, it is time to sell much (but not all) of my equipment, tools, and miscellaneous: 125# Beaudry power hammer, 88# Striker power hammer, tools, anvils (125# to 550#), post vises, tongs, spring swedges, hardies and more. Table upon table is laid out and ready for sale. Please don't just drop by the shop; I want to be here when you arrive. Call 360.275.6769 so I know when to expect you.

Jerry Culberson
Blacksmith, Old Cedar Forge.
oldcedarforge@wavecable.com

Wanted:

Hydraulic forging press.
Tumbler, about the size of a 50 gallon drum.

Ira 520-742-5274
treeira@hotmail.com

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.

Contact AABA member:

Terry Horne
500 E. 38th Ave.
Apache Junction, AZ 85719
602-672-7085
www.arrowzonastoneworks.com

Sources

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

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
website: www.barubar.com

A Copper Rose Metal Art

Chasing/Repousse Pitch
Debra Montgomery
www.chasers-pitch.com

Brent Bailey.

A blacksmith in California specializing in custom tools and ornamental forgings for artisans.
www.brentbaileyforge.com

Pieh Tool Company, Inc.

Blacksmith Supplies, Blacksmith Classes with Gordon Williams, Milwaukee, Wilton & JET Tools., Air Hammers, Hand Hammers, Tongs, Books, Coal and Coke.
661 Howards Road, Suite J
928-554-0700
www.piehtoolco.com

Scottsdale Farrier Supply

Mostly farrier supplies, but has hammers, tongs, and other blacksmith goodies.
NW corner of Power and Williamsfield Rd., Mesa.
480-838-4455

IMS

Full service supplier of steel, stainless, brass, aluminum, copper.
5150 S. 48th St., Phoenix
602-454-1500
3757 E. Columbia St., Tucson
520-441-5900

Pacific Insulation Company

Supplier of high temp insulating materials, bricks, Kaowool and other refractories.
215 S. 14th St., Phoenix.
602-276-1361

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.

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. Discounted pricing for A.A.B.A. members
Let us quote your next large or small job!
*SPECIAL*WATERJET CUT 18 GAUGE 5 PIECE ROSE PETAL BLANK KITS Only \$8.00
925 W. Hatcher, Phoenix, AZ. 85021
602-944-2000

Arizona Artist Blacksmith Association

Attn: Bill Ganoe
P.O. Box 40233
Tucson, AZ 85717
Address Service Requested

NONPROFIT ORGANIZATION
U.S. POSTAGE PAID
PHOENIX, AZ
PERMIT NO. 5531

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 \$30 for individuals; \$35 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.

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



Setting up for the November demonstration at El Presidio San Agustin del Tucson. l-r Rick Collins, Eric Thing, Dennis Buller