

# *The Anvil's Horn*

A Publication of the Arizona Artist Blacksmith Association

Issue No. 190    January 2018



*Wine Rack by Ken Webb*

*Winner of the Peoples' Choice award and Best of Class award in the Advanced Division*

*AABA Annual Auction, December 3, 2017*

# President's Message

Happy 2018 everybody! I hope everyone had some relaxing and memorable holidays with family and friends. I'm excited to get this year started and hope you are too! For those that I have not had the chance to meet in person, let me introduce myself. My name is Jason LaBrash and I was recently elected president. I own and operate Grizzly Iron, Inc. along with my father and past president Rodger LaBrash. I primarily handle the customer relations and design work for the company. If we have not met, feel free to introduce yourself at our next event.

This coming year is promising to be an exciting one for the association. We're going full steam with an amazing event a Winterfest in Tucson on the first weekend of February. You don't want to miss this one! Richard Rozinski and his team have been working incredibly hard to make this a premier event. We're already seeing sign-ups from people across the country who want to join us. The rest of the demos for the year are sure to be great as well so you better be at each one!

I would personally like to see more younger members join our club. With TV shows and social media, our craft is getting more and more attention. Youth in the general public are seeing it as career possibilities or as a great hobby and we need to grab ahold of this while we can. If you see someone showing interest, or maybe it's their son or daughter that's showing the interest, encourage them to come to a meeting. It's that simple! We'll grow our family just a little bit and hopefully foster the next generation of smiths.

See you all at Winterfest!

*Jason LaBrash*

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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 be obtained before publication. **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 2018

Friday - Sunday, February 2 - 4, 2018  
Pima County Fairgrounds  
Tucson, AZ

## Program:

### Friday evening:

- Registration starts at 4:00 pm.
- Fred Borchardt, 50 Years of Sculpture, a lecture and slide show

### Saturday:

- Registration starts at 8:00 am, demonstrations starts at 9:00 am.
- Haley Woodward - Sculpture
- Jay Burnham-Kidwell - Forge Welding: From Simple to Complex

### Saturday evening Banquet:

- Ceremony dedicating the shop at the Pima County Fairgrounds to long-time Tucson blacksmith, William Flores, Jr.
- Slide show: Attendees bring your images, digital or old fashioned slides, of your work to share.
- Open forge

### Sunday

Registration starts at 8:00 am, demonstrations starts at 9:00 am.

- Zach Lihatsch
- Rich Greenwood - Making great knives

### Other attractions:

Gallery - Bring your best piece to show off.  
Iron-in-the-Hat drawings

Vendor displays and demos: Vern Lewis Welding  
Silent Auction



Full Conference \$50 (includes Saturday banquet)

Single Day \$30

Saturday Banquet \$20 (for attendees not registered for the Full Conference)

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 17 and mail it with a check to the address on the form.

**Meals:** • Food will be available on-site and off-site this weekend.

**Lodging:** • RV Sites at the Pima County Fairgrounds for \$25/night, dry camping sites for \$20/night.

For more information about the sites at the fairgrounds go to: <http://www.the-rvpark.com/>

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

\*\*\*NOTE: The first weekend of February 2018 is the beginning of the Tucson Gem & Mineral Show with an international audience, so you should make your reservations as early as possible.

**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 Pima County Fair Grounds Tucson, AZ

- I-10 past central Tucson
- Continue on I-10 about 17 mi. past the I-19 junction to the Houghton Rd. exit.
- Follow the signs to the Pima County Fairgrounds.
- There will be signs to Winterfest parking area(s).



# Winterfest 2018 Demonstrators

## Fred Borchardt



Fred has been a member of the Arizona artist blacksmith association since its inception. Fred has been in there for as long as an integral part of blacksmithing in Arizona and the art scene. He will join us for a slide presentation of his work giving us a retrospective of "The intriguing relationship between product and process in the art cultivation ingenuity."



## Haley Woodward



Haley Woodward has been blacksmithing professionally since 2001.

He has an MFA degree in Metal Arts from Southern Illinois University, Carbondale. He currently is an adjunct professor in metal Arts at Austin Community College, Austin TX.

He teaches a variety of blacksmithing courses ranging from



introductory skills to sculpture. He also maintains his own full-time studio in Austin where his work ranges from sculptural forged fine art pieces to architectural ironwork. He has been invited to exhibit and teach or demonstrate throughout the United States by a variety of craft schools and organizations, including the Penland School of Craft, Penland NC, Guilford College, Greensboro NC, Forging on the River in Memphis TN, Center for Metal Arts, Florida NY, the Artist Blacksmithing Association of North America, and the California Blacksmiths Association.

## Jay Burnham-Kidwell



Jay Burnham-Kidwell is a studio artist, visiting artist, and a teacher, lecturer, and demonstrator in metals, jewelry, metalsmithing and blacksmithing.

He earned a BA in Studio Art from the University of Delaware and a Master of Fine Arts in Jewelry and Metalsmithing from the University of Georgia. He has done graduate work at the University of Sussex in England, and studied at the International Teaching Center for Metal Design Vulkanschmiede in Aachen, Germany.

He has taught classes and workshops at local, national, and international sites and events. His work has been included in local, state, national and international

exhibitions.

He believes that it is of paramount importance to bring together materials and elements inherent in a good design. He often combines forged steel and/or other metals with wood, stone, and other materials to make objects of a distinct nature that are designed to both function and to stand as a good aesthetic statement.



## Winterfest 2018 Demonstrators

### Zach Lihatsh



Zachary Lihatsh is an artist, designer, and blacksmith. Born and raised in New Hampshire, Zach later settled in Arizona where he established his studio. He received his undergraduate degree from Prescott College in northern Arizona and an MFA degree from Southern Illinois University in Carbondale, Illinois, where he taught blacksmithing.



He has taught blacksmithing at high school and college levels as well as assisting at the Penland School of craft in North Carolina. He has exhibited work nationally and internationally. His Public art commissions can be seen in Tucson, Arizona and at The University of Gothenburg, Sweden.

### Rich Greenwood



Rich Greenwood is local to Tucson and teaches blacksmithing and blade smithing at Pima community college. He was on the series premier of the History Channels "Forged in Fire" and was also on the episode for fan favorite. Rich will be demonstrating his work in bladesmanship explaining his process and the reasoning behind what makes his knives so sublime. You won't want to miss this!



### William Flores, Jr. - Shop Dedication



The Flores name has been associated with blacksmithing in Tucson for most of the 20th Century and the early years of the 21st Century. William Flores, Sr., operated a shop on Court St. in the early part of the 20th Century. His son, William Flores, Jr., dropped out of high school to work in his father's shop where they made horseshoes and repaired farm equipment and wagon wheels. As time went on, they started working on cars like Model T's and did work for the railroads and mines.



The business was moved to a bigger shop at 724 N. Main Ave. in 1929, and it was the site of a lot of blacksmithing and welding until around 2010. Although the son of William Flores, Jr., and his grandchildren worked in the shop over the years, none of them were interested in continuing to operate the shop when William Flores, Jr., died in March 2010. Eventually, the shop was sold and many of the tools and equipment were donated to the Southerwestern Fair Commission to be displayed and used at the Pima County Fairgrounds. The shop at the Fairgrounds where the tools and equipment are housed will be dedicated to the life and memory of William Flores, Jr., at the Winterfest banquet Saturday evening.



# AABA Annual Auction and Banquet 2017

Bill Ganoe

(Photos by Wally Warnke unless otherwise noted.)

The 2017 AABA Annual Meeting, Banquet, and Auction was held on Sunday, December 3, 2017 at the Sahuaro Ranch in Glendale, Arizona. This year the event was held in the packing shed southeast of the machine shed where past events were held. Also, the meal was completely catered this year. Potlucks can be good, but this banquet was great. There were lots of people going back for seconds, and spouses weren't stressed out about cooking Sunday morning.

Our president, Paul Diefenderfer, conducted a short membership meeting at which election results were announced. Jason LaBrash was elected President for 2018 and Steve Miller was elected 1st Vice President for 2018. Len Ledet and Terry Porter were re-elected as Treasurer and Secretary respectively. Terry reported that AABA has 280 paid members at the end of November. Ira Wiesenfeld described opportunities for the Botanical Blacksmiths Show at the Tucson Botanical Gardens coming up this spring. Roger LaBrash described some other interesting events and workshops that are being developed for 2018.

After the membership meeting, we moved on to awards. Trophies were awarded for pieces made by members and donated to the Auction. Peter Sevin designed the trophies and Terry Porter made them. Steve Miller won the Best of Class award for the Intermediate Class. (See the photo later in this writeup.) Ken Webb won the Best of Class award

for the Advanced Class and the Peoples' Choice award. (See the front cover of this issue.) Sadly, there were no submissions in the Novice Class.

The Bill Callaway Award for Outstanding Member Contributions was awarded to Jay Burnham-Kidwell. The award recognized Jay's contributions to AABA as a teacher, mentor, artist, and craftsman.

The rest of the afternoon was devoted to the Annual Auction. It was conducted again this year by Len Ledet's friend and professional auctioneer, Craig Riggle. Proceeds from the Annual Auction benefit the Reed Carlock Memorial Scholarship Fund. Fund was established to honor long-time AABA member, Reed 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 donated by members, vendors donated auction prizes. Many attendees were lucky enough to have their tickets drawn, and they went home with some valuable prizes. Those prizes included a gift certificate from King Architectural Metals; patinas, coatings, and finishes from Sculpt Nouveau; tools from Pieh Tool Co.; and a \$100 gift certificate from Superior Steel Stamp Co. which could be used for a touchmark stamp.



Jay Burnham-Kidwell



Jay's trophy

(Photos on this page by Bill Ganoe)



The banquet in the Packing Shed at Sahuaro Ranch.

## AABA Annual Auction and Banquet 2017 (cont.)

Here is a sample of the auction items.



*One of the auction prizes: The gift certificates donated by Superior Steel Stamp Co.*



*Steve Miller  
Winner of the Best in Class award in  
the Intermediate Class*



*Len Ledet*



*Dan Jennings*



*Jaime Escobedo*



*Bob Curtis*



*Rodger "Grizz" LaBrash*



## AABA Annual Auction and Banquet 2017 (cont.)



*Wade Smith*



*Mo Hamburger*



*Ronald Wicklund*



*Peter Sevin*

## Call to Artists

### The Tucson Botanical Gardens Spring 2018

Ira Wiesenfeld has arranged for a Botanical Blacksmith Show at the Tucson Botanical Gardens for next spring. The show is set to open on April 7, 2018 and close on May 31, 2018. The theme of the show is sculptures using botanical forms. The Tucson Botanical Gardens (TBG) is looking for large, good quality sculptures. The size should be comparable to the larger pieces in the Botanical Blacksmith Show at the Arboretum at Flagstaff. (Example photos can be found the September issues of the Anvil's Horn for the past three or four years.) Proposals, if not photos of finished works, need to be sent to Ira, so he can submit the list to TBG by March 1, 2018. All pieces will be offered for sale to the general public. TBG will get 30% of the selling price. For more details call Ira at 520-780-9076 or [treeira@hotmail.com](mailto:treeira@hotmail.com). Check out the Tucson Botanical Gardens at <https://www.tucsonbotanical.org>.



## Coming Attractions

### March 17, 2018, Saturday

Grizzly Iron, Phoenix, AZ, Demonstrator: Brent Bailly

Hammer workshop on March 18. \$200. Limited to 10 students. Details in the March Anvil's Horn.

### May 19, 2018, Saturday and Sunday

Bar-U-Bar ranch, Skull Valley, AZ (near Prescott), Demonstrator: TBA.



The ABANA 2018 Conference  
will held in  
Richmond, Virginia  
at the  
Meadow Event Park  
Wed Jun 27 - Sat 30 Jun, 2018

<https://abana.org/conference/2018-richmond-va>

## The California Blacksmith Association

### 2018 Spring Conference

Placerville, CA

## Calendar 2018

January 6, 2018	Open Forge	Jerry Harris' shop	Tucson
January 6, 2018	Open Forge	Desert Rat Forge	Cave Creek
February 2 - 4, 2018	Winterfest 2018	Pima County Fair Grounds	Tucson
March 3, 2018	Open Forge	TBA	Tucson
March 3, 2018	Open Forge	Desert Rat Forge	Cave Creek
March 17, 2018	Demonstration, Brent Bailly	Grizzly Iron	Phoenix

### New Members

John Ledington	Flagstaff, AZ
Levi Kring	Marana, AZ
Dalton Calhoun	Maricopa, AZ
Tim Mattison	Phoenix, AZ
Russell & Grant Dillow	Tucson, AZ

### Sahuaro Ranch in Glendale

The blacksmith shop at Sahuaro Ranch was destroyed by fire on September 25. That shop has been around since the 1880s. At press time, the fire was still being investigated as an arson case. We will be cleaning up and rebuilding as soon as the crime scene has been cleared. That will be at least March 2018 if not later. Anyone interested in helping out can contact Ronald Wicklund at 623-776-5684 or [twistedpickets@yahoo.com](mailto:twistedpickets@yahoo.com).

### Submit Your Touchmark

Submit a JPEG of your touchmark(s) to Steve Miller, [stevemiller.az@gmail.com](mailto:stevemiller.az@gmail.com), so it can be included in our AABA touchmark registry which will appear on our website soon.

### Deadline for the March 2018 issue

February 6, 2018 is the deadline submitting photos and articles for the January 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

### Classes at Pieh Tool

#### Beginning/Intermediate Blacksmithing

- Beginning/Intermediate blacksmithing classes with Dylan Cook

January 12-14, 2018

March 23-25, 2018

May 18-20, 2018

Registration is \$550.

Students will make several simple projects to take home.

- Knifemaking class with Master Bladesmith, Ray Rybar

February 23-25, 2018

April 20-22, 2018

Registration is \$550.00.

Students will make one knife.

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

### 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 Tuesday and Thursday evenings with instructor Dan Jennings. Blacksmithing is WLD103.

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 are available. For more information go to: [www.mesacc.edu](http://www.mesacc.edu)

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

## Open Forge: Tucson

Jerry Harris will host the Open Forge on Saturday, January 6, 2018, from 9 AM to noon.

Jerry's shop is at 2967 N. Alvernon, Tucson, AZ

## 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 every other Wednesday (e.g. December 13 & 27, January 10 & 27) . \$20 each night. Contact Rodger "Grizz" LaBrash at 602-716-9660 or [grizz@grizzlyiron.com](mailto:grizz@grizzlyiron.com) if you have any questions. Also, check out classes at Grizzly Iron on page 9.

## 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. **You will need to wear safety glasses. Hearing protection is recommended.**

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

Paul Diefenderfer will host an open forge on Saturday, January 6, 2018 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: 40218 N. 78th St. Cave Creek. 602-509-1543 or [dief@phoenixrockgym.com](mailto: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!

(Dief will be working some temporary jobs in Florida on and off for the next few months. This will involve travel on Sundays, so he has rescheduled the next several open shops on Saturdays.)

## 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 \_\_\_\_\_

Phone \_\_\_\_\_ 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**



## Classes at AABA Members' Shops

### Grizzly Iron

1329 W. Lincoln St., Phoenix, AZ

#### Friday, December 29, 2017

Friday Night Damascus Workshop \$125

Learn the very basics of forging a simple Damascus billet. The workshop will be on a Friday night from 5-9pm. The billets will be preassembled, so we'll be able to dive right into forging. Materials are included. This class is limited to 6 students.

#### Saturday-Monday, January 13-15, 2018 (Martin Luther King weekend)

Mosaic Damascus with GRIZZ and Jason, \$475

This will be an intermediate workshop, so forging experience is helpful as well as some welding. We will be doing at least one billet of mosaic as well as have other materials available, such as cable, Nickle, powder, chainsaw, and more, this is always a fun workshop.

For more information about either class or to register call Roger or Jason at 602-716-9660 or email [jason@grizzlyiron.com](mailto:jason@grizzlyiron.com)

## Other Classes and Workshops

### Learn how to make your Little Giant power hammer work harder than ever!

You are invited to join us for our annual Little Giant Rebuilding Seminar. It will be held Friday March 16 through Saturday March 17, 2018.

First taught by our good friend Fred Caylor of Zionsville, Indiana, we carry on his tradition of teaching how to make Little Giants run well and hit hard.

This 2 day class is a hands-on format. You will help transform a 25 LB Little Giant from running but sloppy condition into a well tuned, quiet, hard working machine. Sid Suedmeier, former owner of Little Giant, will share all his knowledge and experience gained from Fred and 26 years of repairing and rebuilding Little Giants.

An old style 25 LB Little Giant will be rebuilt during the class, but we will also have a new style on hand to demonstrate proper assembly and adjustment of both styles.

The class is held in our shop in historical Nebraska City, Nebraska. Our city has a nice selection of cafes, outlets, antique and gift shops, orchards, wineries and museums.

### If you have a Little Giant, this class is for you

No experience is required to attend this class. Our past classes have been attended by folks from every walk of life, from students to retirees ...anyone who wants to learn can benefit from this class. We approach the rebuilding process using tools that can be found in the average home workshop.

If you are in the market to buy a power hammer, this class will make you an educated shopper. If you already own a Little Giant, or any other brand of power hammer, this class will teach you how to get the most performance possible.

The class costs \$95, refundable up to 7 days prior to the class; advance registration is required. We limit the class to 25 participants. The class starts at 9 AM sharp on Friday, and typically ends by Saturday evening. We are available Sunday until noon in case we encounter any exceptional problems in rebuilding, and to answer remaining questions.

When we receive your registration, we will send you a city map, along with travel and hotel information.

Airports are located in Omaha (45 miles north), Lincoln (50 miles west) and Kansas City (125 miles south).

### 2018 REGISTRATION

Name: \_\_\_\_\_  
Business name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email address: \_\_\_\_\_

### PAYMENT

- ☐ Check enclosed  
☐ Cash in person

(Sorry, we no longer accept credit cards, although credit cards can be used to purchase parts through the Little Giant business owned by Roger Rice, also in Nebraska City)

### POWER HAMMER INFO

Brand: \_\_\_\_\_  
Size: \_\_\_\_\_  
Serial Number: \_\_\_\_\_

Please call or email if you have any questions, or prefer to register by phone. You can reach us at 402/873-6605 or [sidsshop@windstream.net](mailto:sidsshop@windstream.net)

## Forging Simple Oak Leaves

*By Douglas Morlock*

**B**efore Christmas, I was commissioned to make a set of tools to match fireplace doors done over the summer. As I banged out the tongs and poker and shovel, I gave some thought to the oak leaves that would decorate the finials and the stand itself.

Normally I'd be crushed by deadlines and would just torch them out of sheet, begging mercy from Wayland the whole time. I know that many other blacksmiths do likewise, using a plasma torch or even (St Eloi forgive them) ordering die-stamped blanks from fabrication houses. It is a question of expedience. Between clients and deadlines and commodities prices, I sympathize completely. But as a way of life, this is anathema to the blacksmith. Recourse to 21st century workarounds should always be regarded for what it is - desperation in the face of ignorance.

Desperation stinks - I prefer Old Spice, or even coal smoke. Henceforth, I resolve to forge out my oak leaves from bar stock, as a blacksmith should.

How to go about it? Nature has given us dozens of oaks to choose from - some with leaves that are exceedingly complex, widening and contracting with lobes that overlap when reduced to a single plane. Impossible to forge? Absurd - metal is the broadest of mediums, steel the most versatile of metals, and hammer and anvil are tools nonpareil.

White or Red Oak leaves are attractive but involved - pin oaks simple but misshapen. Most motifs tend toward English Oak - simple and recognizable, although uncommon locally. This general oak shape will do for most uses, forging out a gross or so will make the other forms obvious - and at that point you may nitpick my foliomorphology.



### **To Forge an Oak Leaf:**

Begin with square stock, or square the stock you're working with. (This piece is the terminal of a hanging arm, and a bit on the small side. Dimensions are not given, because they are always relative. Judge for yourself, for what you are building).

Begin with the point. Hot-cutting the end off the bar gives a delicate point that will eventually define the end of the leaf. Strike on two adjacent sides, alternating blows.



Place the bar against the edge of the anvil, and forge the two sides that form the point. The radius of the edge will determine how sharp the corner between your lobes is. For small leaves (like this one) a fairly sharp edge is needed. Be sure to work hot and make sure the work is seated before striking, to prevent cold shuts.



You'll end up with a saw-tooth pattern. The volume in each "tooth" controls how large each lobe can be made, and what the leaf will ultimately look like.





A few mild blows with the hammer face will straighten the blank for shaping, and knocking the corners off the front of the teeth helps to keep the final leaf even, by widening the target for the peen.



Using the peen of your hammer, forge the centre of the leaf down close to its final thickness, leaving mass on either side to form the lobes. Note my skinny Swedish hammer - this is easier with a peen sized for the stock you are working on. A 1/2" peen is less than useful on 1/4" details.

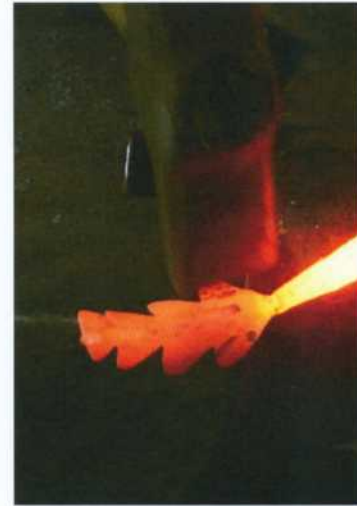
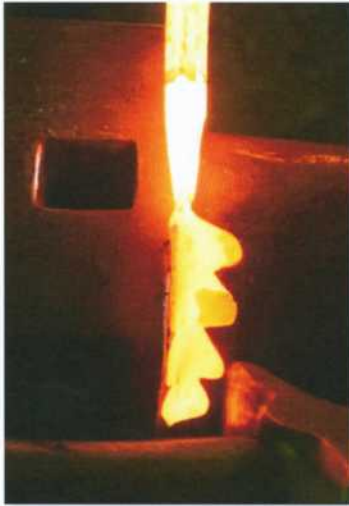


Working from the front of the leaf, individually draw each lobe out and forward until it looks right.

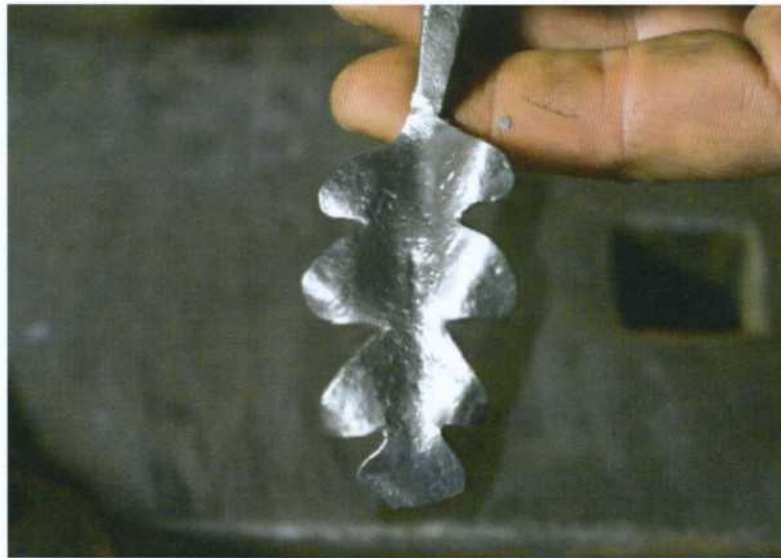


\*If you wish, this is the point to chase in veins or other details, or even to repoussé it into hyper-realistic wrinkles. I typically save that for non-ferrous work, and keep my forged leaves simple.

To add contours, simply tap the centre into the step on your anvil (or here the radius between horn and body). Then shape the lobes over a corner and the edge.



As forged.:



No tedious chiselling, filing or blasphemous plasma cutters.



# Winterfest 2018 Registration

Two ways to register:

- Through the AABA website, [www.azblacksmiths.org](http://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 2018

**Friday - Sunday, February 2 - 4, 2018**

Pre-registration deadline is January 15, 2018

Single day admission can be purchased at the door.

Name _____	Address _____
City _____	State _____ ZIP _____
email _____	Phone Home (____) _____ Mobile (____) _____
	Price Number Total
Full Conference (3 days plus Saturday evening banquet) .....	\$50 _____ \$ _____
Meal options: Beef ____ Chicken ____ or Vegetarian ____	
Single day: Saturday ____ Sunday ____ .....	\$30 _____ \$ _____
Saturday banquet (For guests not registered for the Full Conference) .....	\$20 _____ \$ _____
Meal options: Beef ____ Chicken ____ or Vegetarian ____	
RV Site .....	\$25 / night _____ \$ _____
Dry camping site .....	\$20 / night _____ \$ _____
	Total Payment \$ _____

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 Steve Miller

Each Person is required to sign an Acknowledge and Assumption of Risk in order to be admitted to the Winterfest 2018 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 2018 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), the Southwestern Fair Commission (the Commission), members or employees of AABA and the Commission, and any others involved in the Winterfest 2018 Conference harmless from liability and expenses arising from my own actions or omissions. I agree that my admission to the Winterfest 2018 Conference constitutes agreement with this Acknowledgment and Acceptance of Risk

Signed \_\_\_\_\_

By registering for the Winterfest 2018 Conference, you accept this cancellation policy and agree to be bound by its terms. Notification of cancellations for refunds MUST be submitted in writing (or email) to the AABA postmarked (or emailed) by December 15, 2018. NO CANCELLATIONS will be accepted via phone! A \$25 dollar cancellation fee will be charged prior to December 15, 2018. There will be NO REFUNDS after December 15, 2018.



# 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.

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

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

## For sale

Propane forge, 2-burner, made in  
one of Doug Kluender's forge  
workshops.  
Miller Dialarc 250, power source  
for TIG or stick with cables,  
remote foot control, argon bottle  
and regulator  
100 lb. anvil  
Hand shear

Jack Friehe, 623-466-9889

## Wanted to Buy: Acorn Table

I am looking for an acorn table. I  
would prefer a 5' x 5' but I am  
flexible. Please email  
[dhallikainen@gmail.com](mailto:dhallikainen@gmail.com) if you  
have one available. I am located in  
Phoenix, but willing to drive.

## For Sale

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

## Big Blu 65 Power Hammer

Like new! \$5,000  
Mint condition. Used twice. Works  
perfectly. Comes with 2 sets of dies  
and a credit to Big Blu for another set  
of dies of your choosing.

60 Gallon Quincy Compressor -  
\$750.

Our shop is located in Phoenix, but  
we are willing to work out a deal to  
deliver. Please contact Michaela at  
623-208-9358 or [mjayde@cox.net](mailto:mjayde@cox.net)

## For Sale

Bridgeport M Head Vertical Mill  
with cherrying attachment for chisel  
shaping. Original vise, Van Norman  
Rotary Table 32 X 9 with autofeed x-  
axis. Three phase with VFD or  
110/220 single phase. Multiple  
attachments: 90 degree quill  
adjustable, quill master MNT M2  
tapered collets, end mill adapters,  
hold down set and lamp included.  
Weighs approx. 2000 lbs.  
\$3000.

[HancockShopSale@gmail.com](mailto:HancockShopSale@gmail.com)

## Coal for Sale

Dragonforge Ironworks has bulk  
coal for sale. \$25 per 50 lbs.  
Minimum order \$100. Small orders  
can be filled at our shop in Mesa.  
Larger quantities available up to 1  
ton but are located at the  
Superstition Mountain Museum in  
Apache Junction.

Really great forging coal from the  
King Coal Mine in Colorado. Bulk  
only, chunk sizes vary from pool  
ball to bowling ball. Bring your  
own 5 gallon pails, 3 pails equals  
about 100 lbs.

Call Michael at 480.529.0206.

## Marketing Assistance

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 Witzke at  
(575) 535-4766 or visit  
[www.blacksmithswifemarketing.com](http://www.blacksmithswifemarketing.com)

## 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](mailto: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. At the time of purchase tell the clerk you would like the AABA discount and provide your name and address. They will verify your membership with the list AABA supplies.

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

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## For Sale

- 1 each Nazel 2b forging hammer, complete with motor, oiler, and dies. \$15,000.00
- 1 each Acorn platens 5ft. X 5ft. \$2,250.00
- 1 each portable shop coal forge 3 1/2 ft. X 3 1/2 ft. with hood, and mounted on a skid. \$475.00.
- 1 each single phase Miller 300 amp tig/stick welding machine with foot control, tig torch, stick leads. No bottle or flow meter. \$650.00
- 1 each single phase P&H tig/stick welding machine, with foot control. No leads. No flow meter, No bottle, just the power source, and the foot control. \$350.00

- 1 each 7 1/2 hp. gas drive air compressor with 10-gallon tank, on wheels, with regulator. \$400.00.
- 1 each Cincinnati/Greeves horizontal/vertical milling machine, with 10 inch X 54-inch table, and some tooling. The table has power all directions. 3 phase. \$1,850.00.

Included in the price of each item is loading onto your truck/ trailer.

I can possibly make local curb side deliveries for an additional fee.

All these items are located in Goodyear Arizona.

I can be reached at  
[jaegermax@msn.com](mailto:jaegermax@msn.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.

Terry Horne  
500 E. 38th Ave.  
Apache Junction, AZ 857119  
602-672-7085  
[www.arrowzonastoneworks.com](http://www.arrowzonastoneworks.com)

## Forging Coke for Sale!

High quality L-Brand coke  
\$30 per 50 lb bag

Rodger or Jason, 602-716-9660

## 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](mailto:barubarranch@gmail.com)  
[www.barubar.com](http://www.barubar.com)

### General Insulation

High temp insulating materials, bricks, Kaowool and other refractories.  
3330 W Papago Street, Suite A  
Phoenix, AZ 85009  
Phone: 602-944-2249  
Toll-Free: (844) 866-1680

### IMS

Full service supplier of steel, stainless, brass, aluminum, copper. Discounts for AABA members.  
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)  
<http://www.oldglobewood.com>  
Discounts for ABANA members.

### 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,  
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

Helmut Hillenkamp  
2873A Industrial Rd.  
Santa Fe, NM 87507  
[www.saymakhammers.com](http://www.saymakhammers.com)

### Superior Steel Stamp Co.

Specializes in manufacturing high quality precision marking dies and hand stamps for all yours needs, from leather to stainless, and all precious metals in between. Call for a free quote! 216-431-6460  
Superior Steel Stamp Co.  
3200 Lakeside Ave E,  
Cleveland OH, 44114  
<https://www.facebook.com/Stampyours>

### 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

### 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.

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

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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).

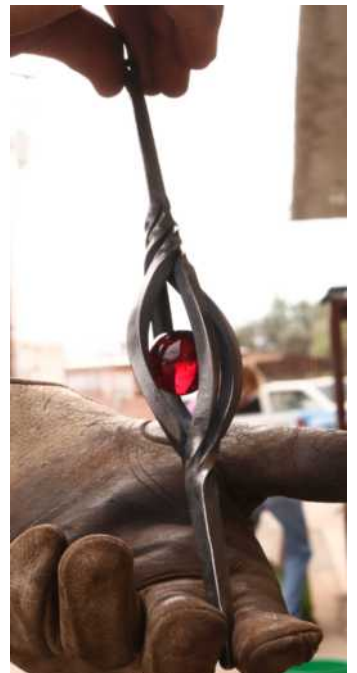
For membership information or address change, contact: Terry Porter, 2310 E. Melrose St., Gilbert, AZ 85297, 480-988-2070, [trp555@prodigy.net](mailto:trp555@prodigy.net)



*The team of AABA members demonstrating at the Shemer Art Festival in Phoenix on November 4*



*Open Forge at Sam Rivera's shop in Tucson on December 2*



*Christmas ornament forge by Nick Stolz at the December Open Forge in Tucson*