

# BAM

March/April 2021



March/April 2021  
Volume 38, No 2

# Blacksmith Association of Missouri

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**Editor**

Mike McLaughlin

**Contributing Writers**

Santo Giuffrida  
Bob Stormer

**Contributing Photos**

Bob Stormer  
Mike McLaughlin

**President's Message**

Santo Giuffrida

**Mailing Labels**

Dennis Marshall

The Newsletter of the Blacksmiths Association of Missouri is published six times a year and is mailed to members of BAM.

Editorial inquiries should be addressed to: Mike McLaughlin, 122 Milwaukee Ave., Lawson, Mo.64062  
816-296-3935  
or send an email to: bameditor2015@gmail.com

The annual fee for regular membership is \$30/year; a portion of this amount is for a subscription to this newsletter for one year.

BAM membership inquiries should be addressed to:  
Dennis Marshall  
13410 A Highway,  
Liberty, MO 64068  
busyman512@outlook.com  
816-645-7237

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**Membership Application**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_

E-mail: \_\_\_\_\_

New Member  Renewal  ABANA member  
\$30 per year

Are you interested in taking a class?

How did you learn about BAM?  
\_\_\_\_\_  
\_\_\_\_\_

Memberships are for one year from receipt of dues. Dues are \$30, which includes a subscription to the bimonthly BAM newsletter. Please make checks payable to Blacksmith Association of Missouri

**ABANA Membership Application**

Primary ABANA Charter Affiliation: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ Zip: \_\_\_\_\_

E-Mail: \_\_\_\_\_

New Member  Renewing Member

*Includes a Subscriptions to the Anvil's Ring and The Hammers' Blow magazines*

**Membership: Renewal**  **New Membership**  *For Annual Membership-Renewal Date in One Year*

Digital \$55 / yr.  Available world-wide, including North America. Publications will be sent digitally to the member's e-mail address on file. No print copies will be mailed.

Print \$65/ yr.  Available in North America only (USA-Canada-Mexico). Publications will be mailed.

**Membership includes FREE placement in a searchable 'Find a Blacksmith' database to connect to opportunities.**

Check here to be included in the searchable on-line 'Find a Blacksmith Directory'



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# President Report

By: Santo Giuffrida

Hello BAM Members, March and April seem to come and go fast. As I write this, many are working hard to prepare for the Annual Conference and I want to thank them for their efforts, as this will probably get to your mailboxes shortly after the conference.

On April 10, we had a good meeting at the Tom Kennon Blacksmith Shop in Doniphan, Mo. Chris Miller hosted and demonstrated along with Don Anders (see photos and articles). We had windy but beautiful weather with a good lunch. After lunch we had our normal business meeting where we announced that we are now a Tax Exempt 501 ( c ) ( 3 ) organization. I wanted to call that to your attention and entice you to read the minutes for more information as well as other items.

The following Friday, I received Missouri Sales Tax Exemption Letter for BAM. It is very fortuitous to receive before our Conference where we will be able to take advantage of it.

I think the IRS Income Tax Exempt Status and Missouri Sales Tax Exemption will allow us to extend our resources and open some doors. As with anything that is given, something is expected. We have to ensure our revenue generating activities are in accordance with our bylaws purpose of “dedicating and perpetuating the noble art and craft of blacksmithing through the encouragement, training and education ...”. Annually we have to file a report with IRS to ensure that is the case. I see no problems in meeting that requirement, but wanted everyone to know what the IRS expects in return for the tax-exempt status. The state will similarly want to make sure our sales tax exemption is only used for our activities (purchases and sales) as they relate to exempt purpose.

I hope to see many of you at the conference. Keep the rust off the anvil by using it.

Santo

Join BAM's "Around the Anvil" Email Newsgroup. Go to [bamsite.org](http://bamsite.org) scroll down to Join BAM's Around the Anvil newsgroup enter your email and hit subscribe. Ask questions, make announcements, share pictures of your work, and get some of the latest news.

## BAM Meeting Minutes April 10th, 2021

Submitted by Bob Stormer

President Santo Giuffrida opened the meeting by thanking Chris Miller and all his helpers for hosting the meeting.

Santo then began the business meeting by updating the attendees on the tax-exempt status of BAM. BAM now has IRS Tax Exempt Determination. This means donations and contributions we receive can be tax deductible to the donor. Donors should let us know if they would like a receipt. It's important to note that IRS is extending the 2020 \$300 tax deduction for monetary donations to qualifying non-for profit in addition to standard deductions to 2021. In fact, in 2021 married couples filing jointly will be able to deduct \$600 and also take a standard deduction. BAM is now a qualifying non-for-profit for such deductions. Along with some other restrictions BAM must not spend money for political activities, and we must follow our By-Laws that have been registered with the state. Also note that member dues and fees are not tax deductible. BAM also has created a receipt for monetary contributions and a receipt for non-monetary contributions. Non-monetary contributions do not require an appraisal for under \$500. Over \$500 you'll need an appraisal. The valuation and or appraisal is the responsibility of the donor. If you plan on taking advantage of these deduction you'll need to ask for a receipt when you make the appropriate donation. Monetary contributions will go into the general fund, unless designated for a special reason that is in accordance with the purpose of education and encouragement of blacksmithing.. With this tax status we can also now apply for grants.

For individuals who wish to leave tax deductible equipment or funds to BAM following their death, Chris Miller is in the process of setting up paperwork for a bequest for non-probate transfer deed of gift of blacksmithing tools and equipment to BAM. This will be a revokable bequest, so it can be cancelled anytime prior to death if the donor or family changes their mind. Chris hopes to have on the BAM website in the future. This would be a good way for families to dispose of blacksmithing equipment or tools if they don't care to keep it after the death of a loved one.

Santo has submitted our first annual 990-N at end of March for 2020. No other submittals for past years are currently required.

The next step is to obtain Sales Tax Exemption from the State. Santo mailed the application on 4/5/2021. Exemption for the sales tax will benefit BAM on expenditures such as the newsletter and other major expenditures.

Santo and Chris have also started a program to document all the details regarding periodic submittals of required documents to maintain BAM's 501c3 and sales tax-exempt status. This will make easy for future officers to maintain the BAM tax status.

Bob Stormer made mention of the countless hours Santo and Chris Miller have spent on getting BAM set up for our 501c3 and sales tax-exempt status which brought an applause from the meeting attendees.

Treasurer Chris Miller presented the financial status of BAM. We are down a little on funds, mostly due to the loss of income caused by the cancellation of our 2020 conference. Another reason for lower funds right now is the recent purchase of a load of coal that will gradually be repaid as the coal is re-sold. The 2021 BAM Conference is expected to help replenish funds.

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Membership Chairman Dennis Marshal couldn't attend the meeting and gave the information to Santo for presentation. We are down a few members since the February meeting and now have 535 registered members. Two new members joined at this meeting that are not included in the above number.

BAM Conference Chairman Mike Gorzel was not available for the meeting, so Santo and Ashley Farnsworth, the conference registration chairman, presented some information about the conference. They reminded everyone to send in their applications. He has received about 100 applications so far. Hollis Harbit will help with registration at the conference. If you would like to volunteer, contact Mike Gorzel. We need site captains for each of the demonstrators. John Sherwood spoke briefly about the Gallery and asked members to bring blacksmith related items for display, sale, or auction. The Gallery is an excellent place to display your creations. The meeting attendees voted to have the People's Choice Award again this year. You will get a ballot when you pick up your registration packet. Ashley mentioned the only open classes are the Intermediate Blacksmithing class and some basket making classes. All others are full. Karen Bouckaert has contacted any previous conference vendors who had not yet responded. She is very satisfied with the vendors who have already responded. She also mentioned Blacksmith Supply has contributed \$500 to be Site Sponsor, so please patronize them at the conference. Mike Gentzsch is making one tool box for the raffle this year so please make or contribute some blacksmithing items to fill the tool box. Bruce Herzog reminded us that the BAM Boutique also needs donations of blacksmith related items and craft items as well.

The next topic Santo covered was the new ZOOM capability for BAM. Beginning in March, we purchased a single user membership, so the monthly BAM Officer meetings could go beyond the free 40 minute time ZOOM offers to everyone. If any member has something they wish to discuss with the Officers that they would prefer to not bring up during a normal BAM meeting, they can contact Santo Giuffrida for possible addition to the officers' monthly zoom meeting. If any committee chairs wish to have a zoom meeting for more than the free 40 minutes with their committee, they can also contact Santo and he will schedule and start the meeting.

There is MTS beginner classes the next two Saturdays at Ray Scott's shop in Eminence, MO. Three people who want to take the class live in the same house, and two are immediate family members and the third is a brother to one of them. They understand each one has to be member to take the class, but they don't need three copies of the newsletter every two months. Ray was asking if they could apply the cost of deleting two of the newsletters to the cost of the class. It did not turn out to be a simple discussion, and Santo agreed to check with our insurance company to clarify the coverage requirement during the class. After that phone call, a decision will be made about applying part of the membership cost to the class fee. Don Anders has some classes planned for May 15 & May 22 and will start advertising soon to fill those classes.

Santo talked about the 2021 State Fair that will be Thursday, Aug 12th thru Sunday, Aug 22, 2021. The State Fair committee provides BAM a tent that will allow set up of three BAM coal forges, free admission and free preferred parking to BAM members who demonstrate at the fair. All they ask is that we have some kind of blacksmithing activity during the days. It's an excellent opportunity to sell some of your blacksmith wares and learn from other demonstrators. All you need to bring is your material and tools. You can select whatever days you would like to work. Hollis Harbit, 816-277-8554, is the contact point for organizing the volunteers.

The next regular BAM meeting is after the Conference July 10th at Hank Knickmeyer's shop, and the trade item is a bottle opener.

The meeting was adjourned.



## Editor Notes

Well this is issue number 2 for me I hope you like it. By the time you get this we will already have the conference and I had a blast.

I will eventually have a recent picture of all the officers and volunteers. I should be able to get them at the conference. I will post them when I get them.

I received a letter from Jud Hirschfeld. He is the donor that is providing the membership for Local #27 Boilermakers Union. The entire name of this organization is: "International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmiths, Forgers, and Helpers" AFL-CIO. Organized in 1880. He says it is hard to get young apprentices involved in the trade. There is a very large shortage of workers for this trade. He wants to inform the membership of what we do and maybe bring in a few members for us. He is also looking for a good Anvil.

If you were at the Doniphan you may have seen a few people filming. They were at the BAM meeting filming a bit on the Tom Kennon Blacksmith Shop to include in an upcoming MyOzarks film on Ray Joe Hastings as a gig-maker and his apprentice Anthony Martin. Anthony is the grandson of Paul Martin, the master gig maker who was Ray Joe's teacher. The apprenticeship and mini-documentary film is supported by the Missouri Folk Arts Council.

The website is [www.ozarkvitality.com](http://www.ozarkvitality.com) Or follow them on Facebook [www.facebook.com/ozarkvitality](http://www.facebook.com/ozarkvitality). I watched everything they have already made and can't wait to see the one on Ray Joe Hastings.

If you learned something new at a meeting and made something using those skills I would like to see it. Even if you didn't make the project that was made at the meeting. A lot of the skills overlap and I would like to showcase what you can do with them.

Yay!!! Mike Mclaughlin

Karen made a nail.  
That is all.  
Thank You.





## Officers and Support Volunteers



From left to right.  
 Mark Lawson: 1st. Vice President  
 Santo Guiffrida: President  
 Bob Stormer: Secretary  
 Chris Miller : Treasurer



From left to right.  
 Mike McLaughlin: Editor  
 Dennis Marshall: Membership  
 Santo Guiffrida: President



Karen Bouckaert: Librarian, Raffles,  
 Iron in the Hat, Conference Vendors,  
 and a bunch of other stuff.



Ashley Farnsworth:  
 Conference Committee



Don Anders:  
 Mobile Training Trailer

### April 2021 BAM Meeting Iron-In-The-Hat

#### Donated by

Bob Maes  
 Joe Sainz  
 John Kirby  
 Pat Layton  
 BAM  
 John Sherwood  
 John Sherwood  
 C. Schumann  
 Chris Bopp  
 Chris Miller  
 Don Anders  
 Allen Rehmer  
 Bob Stormer  
 Dennis Mohrmann  
 Don Anders  
 Fred Arnhold  
 Chris Miller  
 Tom Kennon Shop  
 Mike McLaughlin  
 Don Anders  
 Fred Arnhold  
 Bob Eckert

#### Won By

Ashley Farnsworth  
 Jeff Collins  
 Steve McCarthy  
 Jeff Collins  
 Anthony Martin  
 Bess Ellis  
 Bess Ellis  
 Steve McCarthy  
 John Kirby  
 Jeff Collins  
 John Kirby  
 Dennis Mohrmann  
 Santo Guiffrida  
 Bob Stormer  
 John Sherwood  
 Steve McCarthy  
 Ashley Farnsworth  
 John Kirby  
 Bob Stormer  
 John Sherwood  
 Allen Rehmer  
 Don Anders

#### Item

Tongs  
 Steel Bars  
 2" Round Stock  
 Roller Chain  
 BAM T-Shirt  
 Nail Puzzle  
 Horsehead Spatula  
 1/2x2x15 1095 Steel  
 Coil Spring  
 Demo Flower  
 3 Glass Insulators  
 Slice of Round D2  
 Flint/Chert  
 D2 Blade  
 Wizard Head Bottle Opener Demo Piece  
 Steel Cable  
 Stihl Weed Eater Working Cond.  
 Steel Barrel  
 Horse Shoes  
 4" Grinding Disc  
 Steel Cable  
 High Carbon Disc Blade



## Chris Miller Demo

Written by Mike McLaughlin Pics. Mike M., Bob Stormer

Chris Miller demonstrated a floral/botanical themed arrangement.

Materials: 3" x 6" x 1/4" flat plate. 1 pc., 3/8" round 11" long 1 pc., 1/4" round 11" long 1 pc., 1/8" round 11" long 1 pc., Precut Flower blank 1 pc.

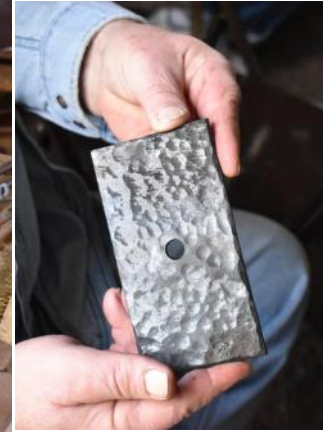
Tools: Rounding or Ballpeen hammer, Crosspeen hammer, Hotcut chisel, Texturing hammer, V-block, Wood block for dishing.

Base Plate. Drill 1/2" hole in center. Heat and texture all over with Rounding hammer. Chamfer the edges of the plate with rounding hammer. Chris said it leaves facets which help catch the light. Keep plate flat as you are going along. Wire brush.

Leaves. 3/8" round. Taper one end to a point appx. 1.5 inches. Isolate the leaf from the stem using the edge of the anvil on a radiused corner. Then draw out the stem using the horn. Chris uses a rounding hammer. He explained that the combination of the round horn and rounding hammer works as a fuller to help move mass. Remember square, octagon, round. Draw out about 3". Then use texturing hammer on the stem. It gives it more interest.

Spread out leaf. Start at the high point then work the edges Chris uses a rounding hammer Stay away from the Tip. Then chisel in the veins using a hotcut chisel. Heat the leaf lay it vein side down on the wood dishing block and use a ballpeen to shape it.

Do the same to the other end of the bar. You now have a leaf on each end of the bar. Next will be bending the bar 180 degrees so the stems are pointing the same direction. Chris heats the bar in the middle, using a hot cut hardy he finds the approximate center of the bar then slides it over off center, so the ends are not the same length. Cut most of the way through. Then bend so the stems are next to each other.



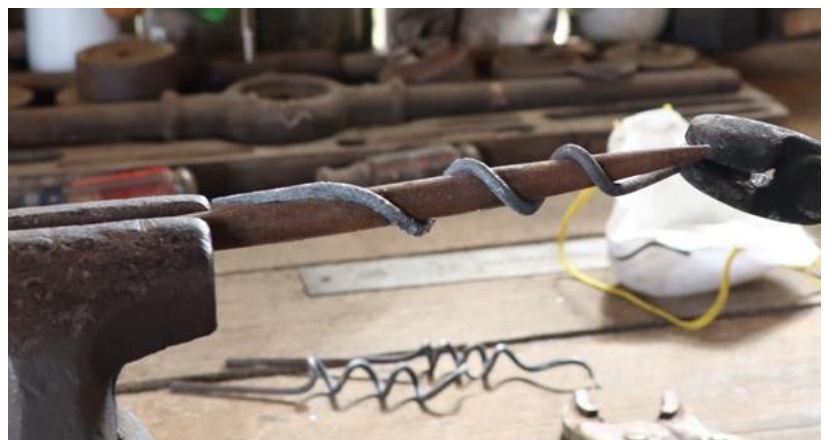


Flower Blank. Heat flower blank. Chris uses a hammer with a small peen. Use the peen of you hammer to texture each petal. Different sizes of hammers will give you different textures. Don't be afraid to experiment with what you have. After texturing use a V-block to shape the petals. Wire brush to remove scale.



Stem for Flower.  $\frac{1}{4}$ " round. The  $\frac{1}{4}$ " rod was just a little bigger than the hole, so he just gave it a short taper to fit into the hole. Chris either tack welds or creates a tenon to attach the flower to the stem. This one would be tack welded from the back. He attaches the flower after welding the bundle together..

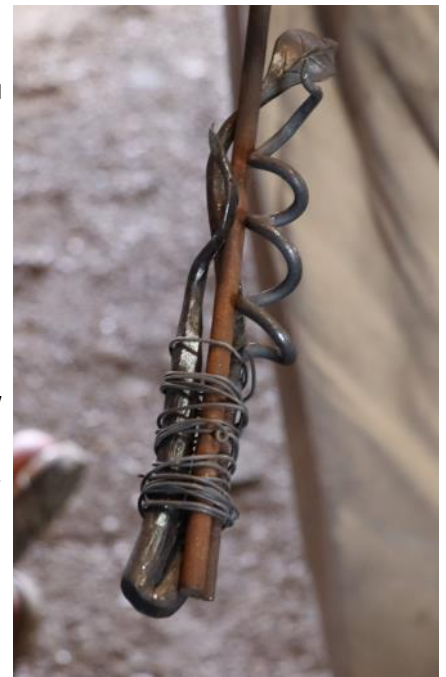
Squiggly-Q. Taper one end of the  $\frac{1}{8}$ " round. Keep it hot to keep from splitting the end. Clamp a mandrel in the vise. His was  $\frac{1}{2}$ " to  $\frac{5}{8}$ " round and tapered on one end. He clamps the bar near the vise with vise grips and twists it around the mandrel. Chris says it is easier to do using a torch.



Next is forge welding the bundle of stems together. Chris uses wire to hold everything together while forge welding. Heat it, flux, and weld together. Chris uses Iron Mountain Flux. Forge it down to fit in the hole you made in your plate. Wire brush. Attach the flower to the end of the flower stem.



Arc weld the bundle into the plate from the underside. The bundle will now look Higgly-Wiggly. To remedy that will take a torch, scrolling pliers and tongs. Bend



everything around until you get a shape that you like. Use a brass brush to give highlights. Finish with some clear spray paint.

Tooling Notes: The texturing hammer Chris uses is an old ballpeen with grooves cut in the flat face using an angle grinder with a cut off wheel.



The anvil hold down is a piece of square plate with grooves in it. It has a shank in the middle that is smaller than the hardy hole. It has a spring attached to it that hooks on the stump. It is very easy to attach and remove. I should have taken better pictures of it.





## Trade Items



By: John Kirby  
Traded to: Chris Miller



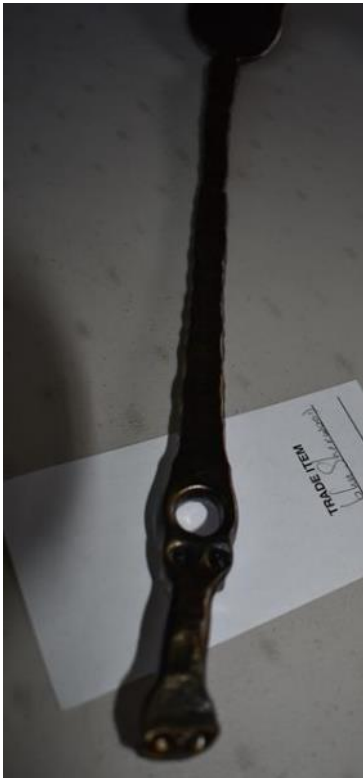
By: Chris Miller  
Traded to: Bob Stormer

## Anything with an Animal Head

Pics: Bob Stormer



By: Fred Arnhold  
Traded to: Santo Guiffrida



By: John Sherwood  
Traded to: Don Anders



By: Bob Stormer  
Traded to: Bob Eckert



By: Don Anders  
Traded to: Mike McLaughlin



By: Bob Eckert  
Traded to: John Kirby



By: Santo Guiffrida  
Traded to: John Sherwood



By: Mike McLaughlin  
Traded to: Fred Arnhold

## Don Anders Demo

Written by Mike McLaughlin Pics. Mike M.

Don created a Wizard Bottle Opener.

Punches needed: from left to right.  
Eye Punch, Curved "Embellishment" punch,  
Hotcut Chisel, Small curved chisel for eyebrows.  
Center punch for pupils if wanted. Triangular  
punch for eye sockets.



Taper about 3" of the pointed end of the spike.  
This creates the hat. Keep the point blunt, about 1/8" diameter.  
Use triangle shaped punch to create eye sockets. Then punch for the  
eyes. This one had a miss hit that resulted in a wart. It gives it char-  
acter.  
Shape nose. Find a sharp edge of the anvil. Place the wizard face  
down with the eye sockets just over the edge. Hammer from the  
back side until you have pushed material back to create the nose.  
Check your position with each blow so you won't flatten your nose.  
With the wizard still face down forge the thickness of the spike down  
to make the nose stand out.





Use a chisel to texture the beard area. Chisel in the moustache lines.

Don has a curved chisel to create an embellishment for his touchmark.

Chisel a line down the center all the way to the head of the spike to give the look of legs.



Use flat chisel to create the stars on the hat. Don says do this while it is straight. When you bend the hat, it will follow the curve.

Use the small curved chisel to create the eye-brows.



Bend the Hat on the horn of the anvil. The tip of the hat will actually grab the edge of the bottle cap. You may have to experiment with spacing to get it right.

Heat up the head of the spike. Clamp in vise with the head above the jaws. Flatten the head so it will stand up. Don says to make sure it leans forward just a bit. It helps with the balance.

Wire brush and finish with your favorite finish.



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# ABANA NEWS

Jerry Boyd, ABANA Affiliates Committee Chair

## Conference in Texas

Although the next big ABANA event is the Iron To Art Festival to be held at our new Headquarters in Johnstown PA in October of this year, <https://abana.org/abanas-iron-to-art-festival-2021/> be planning down the road. The ABANA 2022 Conference is a little more than a year away and will be held in Fort Worth, Texas May 11<sup>th</sup> through the 14<sup>th</sup> 2022. <https://abana.org/2022-abana-conference/>

## Very Important Notice

### Membership Options are Changing

We are simplifying our membership offerings.

On April 15, two types of memberships will be available for new and renewing members: a Print membership, and a Digital membership.

Print membership will be available for mailing addresses in North America (USA-Canada-Mexico) for \$65/year, and Digital membership will be available world-wide for \$55/year. (Regular membership is currently \$55/year.)

ABANA is honoring existing memberships until their expiration date. And, moving forward, ABANA will offer annual memberships only, as the two-year membership option is no longer available.

The ABANA website and other ABANA collateral will reflect these new membership offerings that have already gone into effect.

## ADDRESS

ABANA Home Office

PO Box 462, Johnstown PA 15907

## GET IN TOUCH

Phone: (814) 254-4817

Email: [exedir@abana.org](mailto:exedir@abana.org)



## Rain Gauge Holder

Written by: Mike McLaughlin Pictures: Mike M., Dennis Marshall and John Dilsaver.

I had done a demo a year or so ago and I wanted to give you some dimensions and show off some creativity it sparked. I use the glass Accurite rain gauges. They are about 2\$ a piece. The rain gauge holder in the center is one of the first things I made that when I started smithing. It is arc welded for assembly. It is a little wonky, but I like it. I wanted to do something similar but not use an arc welder. The one on the right is the one I made for this.

Materials needed: 3 pcs. 3/8" square 15.5", 17.5", and 31" long. 1 pc. 3/16" round 21" long. 2- 1/4" rivets appx. 1-3/8" long.

Tools Needed: Center punch, Slug punch appx. 3/16" to 1/4" diameter, 1/4" drift for rivet holes and scroll tongs. Round bar or pipe 7/8" diameter. Scrolling jig if wanted.

I started with the 31" long piece. I pointed the end that goes in the ground and upset the top of the other end. I punched a 3/16" hole 3/4" down from the top. This is to accept the 3/16" round. I then punched and drifted 1/4" diameter, 2 holes appx. 5.5" from the top with 1-1/4" spacing between them.

I did a simple fish fin type taper on the 15.5 and 17.5" pieces both ends. This brought the length to 17.5 and 19.5" after the taper. I have done these with leaves, penny and snub nose scrolls, and small flowers on the end. I then punched and drifted 1/4" diameter, 2 holes appx. 4" from the end with 1-1/4" spacing between them.

I started my scrolls over the edge of the anvil and finished them in my jig. Don't scroll too far or you won't be able to set your rivets. Rivet the center piece and the scrolls together. Use some heat and scroll tongs to make adjustments and finish to your liking.

I tapered the end of the 3/16" bar and rolled it into a spiral. Then heated and wrapped it around the 7/8" bar to create the part that holds the glass. You need to leave appx. 4" to wrap around the center post. Heat and bend appx. 1/4" of the end that goes in the post to 90 degrees. Insert in the 3/16" hole and wrap around the post. (picture is of 2 different ones for clarity.) I put a piece of pipe in the spiral to keep from deforming it.



Center it over the post. A torch would help with this, but I just keep dunking it in the coal forge.

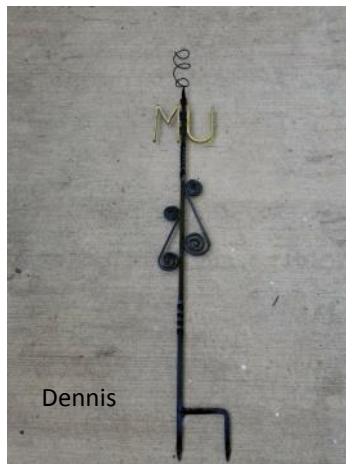
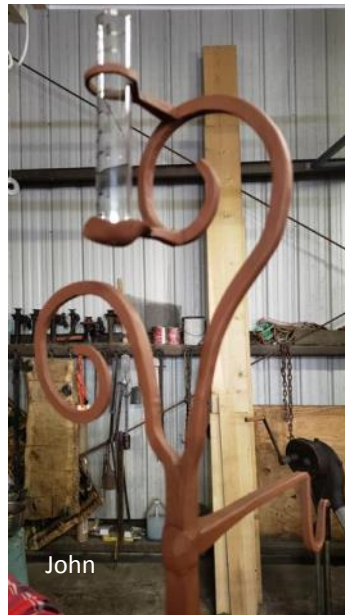
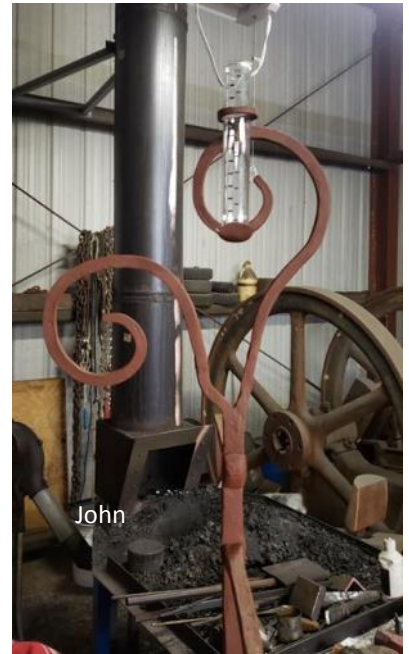


This is one of those projects that will allow you to do whatever you want. Make it taller, shorter, bigger, smaller, or just do what makes you happy.

Mike M.



Dennis Marshall and John Dilsaver have used their creativity to make their own style. I like it.





## Securing anvil to stump.

By Matthias Penn.

When I first set my anvil on a stump I had to decide how to fasten it. I used a couple of straps with some lags one time and a few times I used forged staples from 3/8" round stock. These options were not ideal for me as they kept working loose and then the anvil would wiggle, reducing effectiveness and increasing noise.

I came up with this solution quite a few years ago and it has worked very well for me.

I take a white oak stump and sink it 18" or so in the floor of the smithy. Both shops I have done this in have a gravel floor so this was a viable option. Burying it like this helps when bending large stock in the bending fork and for various processes, as my anvil doesn't budge at all.

I then use a chainsaw to cut the appropriate height and trim the sides of the stump to match the base of the anvil. I left a few extra inches on the far side of the anvil. It gives me a place to set stuff and allows more stump mass which I think helps in general.

Next I cut V notches about 1-1/2" deep that run the length of the stump on each side about 8" down from where the anvil base sets.

And an angled slot on the far side that allows my u bolts to go down to the notches.



I used 1/2" hot roll round stock for building the U bolts. And some scrap bar stock with 1/2" holes drilled in them to go in the notches.

I set the anvil on the stump and then just used the forge and a little trial and error to get the U bolts custom shaped to secure the anvil down to the opposite side notch.

For threading the bolts I use a 1/2 die 13 tpi. The threads cut a lot easier if you remove the mill scale first. This can be accomplished by heating and using light hammer taps or a heavy brush, or simply grinding or sanding the outer surface with an angle grinder, sander, etc.

I use my leg vise to hold the piece. Either oil or soapy water works well for me to lubricate the die. I suppose actual cutting oil would be best.

Good downward pressure and a steady hand will help you get the threads started true.

After the threads are started, a small reverse turn to clean out the chips every half revolution or so is very helpful.

Next I used purchased 1/2" nuts to tighten everything down securely.

It can be tightened easily if need be and the anvil can be removed and replaced with nothing more than a wrench ( and someone to lift the anvil of course:).





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# Scholarship Application

Name:

Address:

Phone & Email:

What class or event do you wish to attend?

Where:

What is the Cost?

Tuition:

Travel:

Lodging: Other:

Briefly, describe how attending the particular class/event will advance your Blacksmithing skills and be helpful in promoting the craft of Blacksmithing. Identify the specific skills you expect to learn during this learning experience. (Additional pages if necessary)

I understand that as a requirement of receiving this scholarship, I will be required to submit an article about the education experience attended with appropriate notes and diagrams of the items made or techniques learned in the class to the Scholarship committee to be reviewed and published in the BAM newsletter no later than 3 months after attending the event AND within 1 year of the event, I will present a demonstration of the newly learned skills at a BAM meeting or complete a video to be placed in the BAM library.

One third of the total scholarship amount will be awarded before the event, one third on submission of the article to the Scholarship committee, and one third after presenting the demonstration or video at a BAM event.

I understand that I am responsible for payment to the school or event.  
The Scholarship is a reimbursement of the approved costs listed above.

Send Scholarship applications to:

Orry Harbit      217 Phelps Street Windsor, Mo. 65360      660-287-5917

# Metal Museum News

!!!The Metal Museum is open!!!

Kim Ward, Marketing Manager  
374 Metal Museum Drive, Memphis, Tennessee 38106

[www.metalmuseum.org](http://www.metalmuseum.org)

Title: Measured Making: The 150mm Challenge  
Dates: March 27 - July 3, 2021

Measured Making, is a show curated and produced by Delyth Done. Based on a project "warm up" by Ambrose Burne, the exhibition displays a curated selection of 150 metal objects, chosen from over 400 pieces created by amateur and professional blacksmiths from around the world as part of the viral #150mm Challenge. The Metal Museum is one of five stops that the exhibition will make on its U.S. tour, made possible by ABA-NA.



Art Work by Aaron Micheal O'Brien ( Ireland )  
Photo credit Oliver Cameron Swann.

Title: Tributaries: Andrew Meers

Dates: April 10 - July 17, 2021

The next exhibition to open is another installment of the Tributaries series, which recognizes emerging and mid-career artists in the metals field. Master Smith Andrew Meers departs from the restraints of conventional knifemaking through his expressive use of design elements such as patterned steel blades, handmade hardware, and forged elements. His current body of work is inspired by techniques and narratives from traditional Japanese metalwork. This exhibition will include a selection of knives and forged work.



## Missouri School of Blacksmithing Class Calendar Spring 2021

May 6-8

**Blacksmithing 102 – Cooking Utensils**

May 20-22

**Blacksmithing 100 - An Introduction**

June 3-5

**Blacksmithing 200 –  
Introduction to Heat Treatment and Toolmaking**

June 17-19

**Special Father and Son Class**

July 1-3

**Blacksmithing 100 – An Introduction**

September 3-4

**Missouri School of Blacksmithing Conference**

Class prices, descriptions, prerequisites,  
and skill Levels are in the catalog.

**Give us a call for more information, or to receive a catalog!**

Matthew Burnett

Missouri School of Blacksmithing

3100 NW Winchester Road Cameron, MO 64429 816-575-2798

## Welcome New Members\*

Tom Evans  
Mike Horton  
Rodney Yeokum  
Charlie Williams  
Bob Bruton  
Michael Camden  
Ethan Scherder  
Bart White  
Trewin Wright  
Tommy Helvey  
Jim Waller  
Jakob Wolfe

James Munson  
Owen Wilkins  
Don Ellis  
Allen Haslag  
Cinch Ligget  
Hunter Collins  
Drew Foster  
Sheri Brooks  
Ben Catterton  
Roxanne Cody  
Dustin Cook  
Chris Denham

Doug Klaus  
Raymond Kuhn  
Douglas Otto  
David Patton  
Josh Rhoads  
Doc Schertz  
Al Scott  
Dave Sloan  
Cassandra Pruitt  
Cassandra Countryman

\*The newsletter is on the internet through our website and that would make it searchable. Going digital has a few drawbacks. To limit the possibility of a hacker, scammer, or phisher using our newsletter for their gain we have decided not to post addresses and phone numbers of new members.

# Upcoming EVENTS

May 15 & 22 - MTS Beginning Blacksmith Workshop, Moscow Mills, MO

July 10, 2021 - Meeting - Hank Knickmeyer - Cedar Hill, MO  
6300 Cross Creek Ln, Cedar Hill, MO. 63016  
Trade item: Bottle Opener

August 12th. - 22nd. 2021 Missouri State Fair Sedalia, MO

August 28, 2021 - Meeting - Willie Bagley - Chillicothe, MO

September 3rd. - 4th. Missouri School of Blacksmithing Conference.

September 25th, 2021 - Meeting - The Blacksmith Shop at the Brady Steam Engine Showgrounds Boonville, MO

# Coal Stations

## Coal Captain: Bob Alexander

## BAM COAL

### Price per bag:

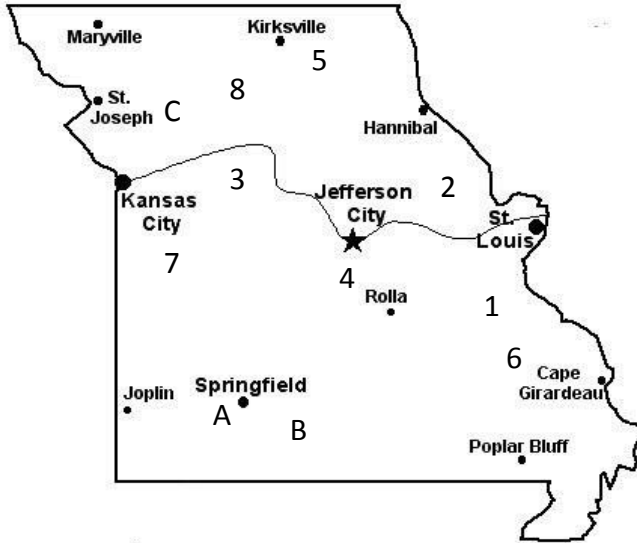
BAM Members \$15.00

Non Members \$20.00

Member's pickup at Bob Alexander's - \$13.00

Coal keepers earn \$3.00 per bag

Bags are approximately 50lbs. each



### A few notes on our coal:

1) Not all coal is created equal. The coal we buy is from the West Virginia to Pennsylvania vein and is a high metallurgy grade unlike coal from other areas.

2) Raw coal from the bagging company is stored outside which allows it to get rained on, (rain is water which weighs 8.4 pounds to the gallon). If the coal is bagged wet and then dries out the weight will change.

3) The coal fines which when mixed with water to form a paste burns along with the chunks of coal but during shipping and handling may sift out of the bags causing a weight loss.

So, the bottom line to all of this is we are selling coal in approximately 50 pound bags.

1. Bob Alexander (636) 586-5350  
14009 Hardin Rd.  
DeSoto, MO 63020
2. Ken Jansen (636) 295-5844  
2257 Carter Rd.  
Moscow Mills, MO 63362
3. Doug Clemons (660) 631-1257  
29377 Durango Ave.  
Malta Bend, MO 65339
4. Bernie Tappel 573-496-3793  
204 Hidden Valley Road  
Jefferson City, MO 6510
5. Joe Hurley (660) 988-8872  
or (660) 626-7824  
26306 State Hwy D  
Downing, MO 63536
6. Bob Maes (573) 866-3811  
Route 1 Box 106 K  
Millersville, MO 63766
7. Bryan Lillibridge (660) 638-4536  
1545 NW 300  
Urich, MO 64788
8. Bill George (660) 247-0426  
19133 LIV 355  
Chillicothe, MO 64601

## Non BAM Coal

- A. Tim Johnson @ Advanced Welding, Springfield, MO. 417-886-8032 - Pocahontas Coal \$.40/lb. cash, \$.50/lb. check/debit. Bring your own containers.
- B. Blacksmithing Coal for sale \$12 per approximate 50 lb. bag with bulk delivery available. Matthias Penn, Rt. 1 Box 479, Ava, MO. 65608. 417-543-2148. Or e-mail tytheblacksmith@yahoo.com.
- C. Coal for sale \$15 per approximate 50 lb. bag. Missouri School of Blacksmithing Matthew Burnett 816-575-2798, 3100 NW Winchester Rd., Cameron, MO. 64649

# BAM Tailgate

## Buy, Sell, Trade

### Individual Classified ads:

**For Sale:** 1 Steel layout table: 27 in. x 39 in. No stand. Asking price \$75.00  
ESAB, PCM-750i L-Tec plasma cutter. 50 amp output. 220v single phase 50 amp input. Thermacut PT-23 torch with 12ft. Leads. Asking price \$750.00  
Don Birdsall 636-293-6939

BAM Books from Jan/Feb 1994 - Present & binders for sale. Contact James Conway 563-366-4244

Profab Roper Whitney CNC punch with tooling.  
<https://kansascity.craigslist.org/tls/d/lees-summit-profab-roper-whitney-cnc/7289129823.html>  
\$5000.00 Paul Wilding 816-868-0471

### Commercial / Resource ads:

**Little Giant**-- We can do repairs on any or all components of your Little Giant front assembly. Contact Roger Rice, Midwest Machine, 6414 King Road, Nebraska City, Nebraska 68410. (402) 873-6603

**Roller Blade Treadle Hammers** (Clay Spencer design) for Sale or Workshops led to build hammers. Bob Alexander, e-mail to [scruboak4@netzero.com](mailto:scruboak4@netzero.com), or call 636-586-5350.

**Tire Hammer Plans** by Clay Spencer  
Send Paypal for \$30 to [clay@tirehammer.com](mailto:clay@tirehammer.com) Or check/money order to 73 Penniston Pvt. Dr. Somerville AL 35670. I can mail a copy or email PDFs.  
Beverly Shear blades sharpened. Remove blades, mail in small flat rate box, include check/money order for \$50, Includes return postage. [clay@otelco.net](mailto:clay@otelco.net), 256-558-3658

### Information / Education:

#### Missouri School of Blacksmithing

Cameron, MO  
Instruction by Matthew Burnett  
Group and Individual classes offered.  
816-575-2798

**Beginner & Intermediate classes** are being held at Mueller Industries (via Craft Central), 12951 Maurer Industrial Drive, St. Louis, MO 63127  
To see class listings or to register for classes, visit our website, [craftstl.com](http://craftstl.com)  
For more information call 314-842-0796 or email; [Brendan@muellerstl.com](mailto:Brendan@muellerstl.com)

**Tong Making Class**-Weekend Course, 4 people per class - \$125 per person. Contact: Charles Comstock, Rt.1 Box 20, Deerfield, MO. 64741 (417) 927-3499, or (417)-321-2286 cell

**Blacksmith's Journal**, Instructional back issues by Jerry Hoffman are available online at [www.blacksmithsjournal.com](http://www.blacksmithsjournal.com)

**Classes offered**, The Ornamental Iron Shop  
Contact the instructor to register and customize your class.

John D. Thompson – Metalsmith  
3923 Hwy 25; Hodges, SC 29653 864-374-3933

**Classes** at Pieh Tool Company, Inc. - Camp Verde, AZ

The Bill Pieh Resource for Metalwork.  
Call now for more information and to enroll:  
(928) 554-0700 or (888) 743-4866.  
[www.piehtoolco.com](http://www.piehtoolco.com).

**Matthias Penn** is offering introductory & beginning blacksmith classes. 417-543-2148  
[Tytheblacksmith@yahoo.com](mailto:Tytheblacksmith@yahoo.com)

**oldschoolcrafts** Blacksmith School, Joe Davis 12625 Lawrence 1175, Mt Vernon, MO 65712 phone 417-461-0387 on the web [www.oldschoolcrafts.org](http://www.oldschoolcrafts.org) E-Mail [oldschoolcrafts@hotmail.com](mailto:oldschoolcrafts@hotmail.com)

**David Norrie blacksmithing school** in Colorado  
David Norrie 303-859-0770 <http://www.forgewithintention.com>  
or <http://www.davidnorrie.com>



**The Upper Midwest Blacksmiths Assoc (UMBA)** video library. An index list can be viewed at [www.umbaonline.org](http://www.umbaonline.org)

They are VHS or DVD-R Cost is \$5 each with \$2 per order shipping there is no return date, you keep the video for this price. All videos are made at group demos, no commercial titles.

### **Power Hammer page**

I've taken some time to collect and post old info, catalogs and brochures on power hammers. The link of our NEB web page to this information is: [http://www.newenglandblacksmiths.org/power\\_hammer\\_info.htm](http://www.newenglandblacksmiths.org/power_hammer_info.htm) Ralph Sproul

**Rochester Arc & Flame Center!** Featuring Blacksmithing, Welding & Glass Blowing, over 30 classes available for all levels of interest, [rocafc.com](http://rocafc.com) 585-349-7110

### **Products:**

**Forge-Aprons** offers seven different styles of leather blacksmith aprons; the Original bib, the Short bib, the Full-Cut bib which offers greater chest coverage, the Lap apron, two sizes of Kid's aprons, a Budget apron and our brand new, limited edition Flame apron which features flame imprinted buckles and an anvil engulfed in flames on the logo pocket. [www.Forge-Aprons.com](http://www.Forge-Aprons.com)

**Heavy-Duty Fry Pan Blanks** 9" diameter, tapered sides 12

Or 13 gauge steel (approx. 2 pounds) no predrilled holes for the handle \$14.00 each.. 1-4, \$12.00 each. 5-9, \$10.00 each... 10+. Shipping: \$5.00 plus \$1.00 each frypan Bob Tuftee 563-349-3369 21718 277th Ave LeClaire, IA 52753

**L Brand is the Official Coke of the WCB and Kentucky Horseshoe School.** Now packaged in 50lb. bags on pallets

Website: [www.BlackSmithCoke.com](http://www.BlackSmithCoke.com)  
Mobile: 678-360-3521  
email: [lbrandforgecoke@gmail.com](mailto:lbrandforgecoke@gmail.com)

**Kayne and Son** Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, e-mail:

[kaynehdwe@charter.net](mailto:kaynehdwe@charter.net), web site: [www.blacksmithsdepot.com](http://www.blacksmithsdepot.com).

Offering a full line of blacksmithing equipment. We ship and accept Visa and Mastercard.

**Chile Forge-** Next generation gas forges [www.chileforge.com](http://www.chileforge.com) David Starr 520/360-2141

**D.L. Schwartz Co.** Blacksmith and Farrier supplies. 2188 S. US 27, Berne, IN. 46711, 1-800-955-3064

**USA Dealer** for REFFLINGHAUS ANVILS, 77 to 1250 lb. European 2 horn with or without upsetting block & side shelf. Over 100 sizes and styles available. Guaranteed face @ HRC59  
Dick Nietfeld [www.blksmith.com](http://www.blksmith.com) Phone (308) 384 1088

### **Custom T-shirts**

Contact Heather & Jon McCarty if you are wanting custom t-shirts with your logo. We are able to produce custom vinyl, screen-print, or sublimated products. Contact us at [hmcrafter@gmail.com](mailto:hmcrafter@gmail.com) or 636-359-1232. visit us on FaceBook at **Craf-Tee Creations**

### **Wanted:**

**Blacksmith business cards.** I would like to put together a collage of Blacksmith business cards. Bring them to a meeting or mail them to me. Bruce Herzog 2212 Aileswick St. Louis, MO 63129

### **Demonstrator List**

Fred Weisenborn has started a list of members available for demonstrations, fairs, historic events, and festivals, etc. 417-589-2497 e-mail: [jweisenb@llion.org](mailto:jweisenb@llion.org)

**Around the Anvil** BAM has its very own E-Mail news group. If you would like to participate there is a sign up link on the [bamsite.org](http://bamsite.org) or send an E-Mail to Terry Humphries at [thumphr@south40.org](mailto:thumphr@south40.org) and he will get you signed up.

Ad Policy: Blacksmith related ads are free to BAM members. Personal ads will run for two issues. Resource ads are ongoing at my discretion. Send to [BAMeditor2015@gmail.com](mailto:BAMeditor2015@gmail.com), or call 816-296-3935

**BAM**  
P.O. BOX 127  
DONIPHAN, MO. 63935

Please send changes to Chris Miller, P.O. BOX 127 Doniphan, MO 63935

## Next Meeting: July 10, 2021

**Hosted By:** Hank Knickmeyer 6300 Cross Creek Ln, Cedar Hill, MO. 63016  
Trade Item: Bottle Opener  
From Hwy 30 go northwest on NN to Sycamore Dr. turn left to Cross Creek Ln.

