

BAM

July/August 2022



July/August 2022
Volume 39 No 4

Blacksmith Association of Missouri

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Yoo Jung playing the National Anthem at the August meeting. It was Awesome.

“Little Piece of Doggerel”

I have given you teeth stronger than the
 beavers, claws sharper than a Cats.
 Faster speeds than the antelope,
 and wings higher than the geese.
 Fins that take you deeper than whales,
 and shells to carry you past the stars.
 I have made you more powerful than
 the elder gods.
 I am, The Smith.

Sent to me (Bob Patrick) by Jim
 Gerlinsky, a Smith from Saskatchewan,
 Canada
 9/6/2022

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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'

Presidents Letter

Hello BAM Members, I want to start by calling attention that our December 3, 2022 meeting location has changed to Mueller Industries in South St. Louis County west on Highway 30 near I-270.

This Newsletter has a lot to cover, be sure to check it out. We were treated to another great Hammer In at Bernie and Patti Tappel's in July. Early August we successfully manned a tent demonstrating for week and half at the State Fair under the leadership of Hollis Harbit.

Late August, Willie and Tammy Bagley did another great job hosting our August meeting. We had a good turnout and a lot information to share, so check the meeting minutes.

BAM continues to thrive with your help. We are primarily a volunteer organization and I have seen folks stepping up and getting involved from different demonstrators at meetings, State Fair Participation, committee chair replacements. Thank you and keep it up.

Remember to keep the rust off the anvil by using it.

Santo



Amazon Smile

BAM is 501 (C) (3) public charity. Therefore, donations can be tax deductible depending on your tax situation. Additionally, Amazon will contribute .05% of your Amazon purchases to your designated charity at no cost to you. BAM is an AmazonSmile eligible charity. To do so you need to make your Amazon purchases through the AmazonSmile browser page (needs to say AmazonSmile in the upper left area when you go through checkout) and have pre-selected BAM as you designated charity. To do that visit link below and it will bring up BAM for you to select or on our website link information called "BAM is a 501 (C) (3) Public Charity..." where you can click on it. <https://smile.amazon.com/ch/43-1716288>

August 27, 2022 - BAM Meeting Minutes

President Santo Giuffrida started the business meeting at Willie Bagley's by calling for the membership report. Dennis Marshal reported that as of 6/24/22 we had 595 members. We had 6 join at the State Fair and added 3 other members since, but we had 15 that did not renew. As of today we should have about 590 members. Santo went on to say that Dennis has requested to step down from the membership committee and that we will need a replacement by the end of the year. Dennis will provide Santo with an updated list of job responsibilities, but the job requires Excel skills and maintains the membership list which is used for the mailing list, the newsletter and other mailings and for the membership directory that is produced each year, as well as for accounting for the member dues. So please contact Santo if you are interested in helping out – he can assist in getting the new membership director up to speed.

Treasurer's Report – Santo reported for Chris Miller who is on vacation. July was an abnormal month; we had income of about \$1700 and expenses of about \$6000. Expenses included the library trailer remodel (which will debut at the next meeting at Brady Steam Engine grounds in Boonville, MO), and also a leftover expense from the conference for about \$1400 that we thought we had paid. So we didn't make as much on conference as we thought, but we still did well. We have a year to date surplus of about \$8000. Income usually lags expenses for the rest of the year. We expect to cover expenses with income for the rest of the year with the possible exception of a coal order if we need to order coal which is about \$8000-\$9000. Chris Miller is out until late September, so if you have any expenses to claim, see Santo, he can take care of you. If you send them to Chris, it will be the end of September before you get paid.

Bob Alexander has been a coal captain for a long time and has requested to step down. Mike Lanham, a member, has agreed to take over Bob's responsibilities which include taking delivery from our supplier, distributing to other BAM coal captains, and selling coal to end users. Bob will continue as coal captain until all his coal is sold and then the next load will be delivered to Mike's place in O'Fallon N/W of St. Louis. Exact timing depends on coal sales but should be around end of this year. If you get coal from Bob Alexander, you will have to choose a different coal station.

Hollis Harbit gave the State Fair Report. We had 24 blacksmiths that worked 11 days. Everyone had fun. We had six new members sign up and we passed out other registration forms. Santo complimented Hollis for the job he did lining up the fair. "Everything was conveniently in order." We get a lot of exposure to new folks at the fair. Members report that they enjoy the event and it is highly recommended to go if you haven't attended yet. You don't need a lot of experience and there are a lot of experienced smiths there that you can learn from.

Don Anders, our MTS chair gave the Mobile Training Station report. We've got two beginners classes at conference this year. Matthias Penn will teach the Friday class and Don will teach the Saturday class. MTS Class at Ray Scott's in Eminence, MO is scheduled – day 1 of 2 is April 15 and day 2 of 2 is April 22. We will likely have the Boy Scouts again this year. See the BAM website calendar for details.

Conference report– Santo reported for Ashley Farnsworth. Conference checklist is on schedule. We hope to have three demonstrators; two are firmed up, one from Virginia and one from Pennsylvania. This will result in greater travel costs and we will likely return to 2021 pricing for conference this coming year. This is a really great event – you should come! Volunteers for conference are welcome – See Ashley.

There is an effort to modernize our website, but we are behind on that project. We hope to recover, for now stay tuned.

Our December meeting location has changed. It was supposed to be in Springfield, MO, but the host canceled due to unforeseen circumstances. However, Bob Alexander (who holds blacksmithing classes at Mueller Industries) asked the Mueller's and they agreed to host the December meeting. Thanks to Bob and the Mueller's for helping out with this –it's a great venue for a December meeting! The December meeting will instead be held at Mueller Industries in St. Louis County, MO on Saturday, December 3rd. Bob will find a demonstrator, and the trade item will be a letter opener. See BAM website calendar for details.

The next regular BAM meeting is at the Brady Steam Engine Showgrounds in Boonville, MO on Saturday October 8th, 2022. This will be the debut of the newly remodeled Library Trailer. The trade item is a forge/fireplace shovel. Don and Bernie will demonstrate. There isn't much to eat around there so you may want to bring your lunch. See BAM website calendar for details.

Library chair Karen Bouckaert reported that the Library Trailer has been outfitted with new bookshelves, and for the maiden voyage to Boonville it will have one shelf full of books to test out how it travels. More books will be added later. The library got some new books at conference – one is a Little Giant book. Also Richard Kamp died recently, and his widow reached out to donate his books to BAM. So there are many new books in the library – “check ‘em out”!

Santo thanked Willie and Tammi Bagley for hosting the meeting.

Editor Notes:

Well another issue is done.

The venue for the December meeting has changed. Please see the events page #24.

Please note the new Membership Director, Bart White, for renewing your membership.

Thanks to everyone that came to the State Fair. I learn something new every time I go. It is a great place to learn and teach others.

I can only include so much in each issue. I record the demos to write the articles and there is so much information the demonstrators talk about. It is hard too choose what goes in here. The best thing you could do is come to a meeting.

It is the fall season and that means Fall festivals everywhere. If you demo at one send me some pictures and a description of it and I will try to get it in a future issue.

I helped Colton Kiso at Santa-Cali-Gon in Independence Mo. over the Labor Day weekend. It is always a fun time but it is long. He is trying to get me to make knives. We worked on a chefs knife blank at the state fair. Mine had a few issues. I made another one at home and it came out better. I need to make a few more to be sure. Colton is a good teacher. He might get me to actually finish a couple knives before we are done. See you at the next meeting.

Mike M.

Bill George Demo August 27th Meeting.

By Mike M. Pics: Bob Stormer, John Sherwood, Mike M.

The first thing Bill made was a Scoop/ Shovel. Start with a blank that is roughly shape of the shovel you would like. It was 12-gauge steel of unknow origin.

He did one using a chisel to cut it out. He found the center of the blank with a compass. Then used the center and a compass to draw the curve on the blank.

(1) He referenced The Wood Wrights Shop, Peter Ross, and Joseph Moxon.

Moxon says scoring and wriggling asunder.(2.3) Score the shape and then clamp in the vise and bend to break it.

Then use a file to clean up the burrs. Heat the blank, he has a swage block with a shallow dish.

He goes down the center trying to keep it in the center.(4)

The Swage block is from Holland Anvil.

Then after he has it centered; he uses the dish that is the size he wants.(5,6)

Use a ball pein with a nice radius to minimize hammer dents.

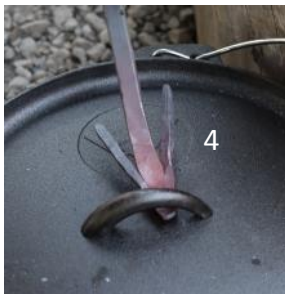
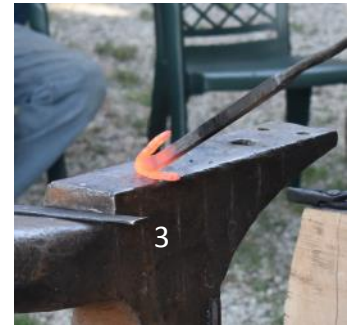
He also has a ball that fits the shape of the curve in the block.(7)

You could also use a form cut in a stump. Clean up the edges with a file or belt sander.



Dutch oven lid lifter. Bill George

Split the end.(1) Open and draw the ends out to the length and width you want.(2) Cut off any extra length you get. Bend the splits back on the parent stock. Taper the end to fit under the oven lid. Curve the end a little to hook the handle.(3) Bend the legs to help keep the lid stable as you are lifting it.(4) This has a rope twist in the middle. Chisel lines down the center of all sides of the bar.(5) Make them all the same length. Then knock the corners down. Heat and twist until you like it.(6) He used a leather mallet and a wood block to straighten it. He already had a leaf with a on the handle end. He bent it around into a loop.(7) Then used the vise and a piece of pipe to give it a twist.(8) Use a mallet and wood block to finish the shape.(9) Wire brush and apply your favorite finish.

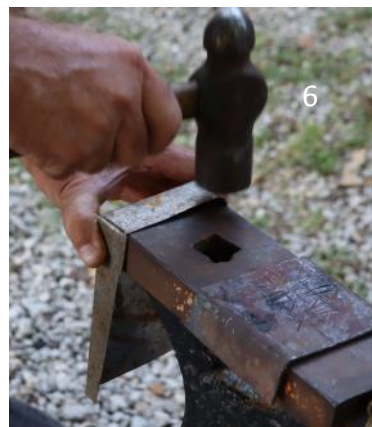


Ken Jansen Demo August 27th.

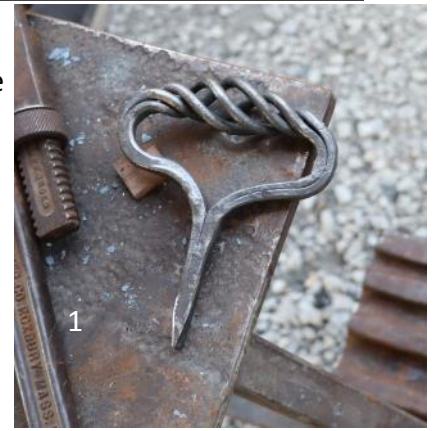
By Mike M. Pics: Bob Stormer, John Sherwood, Mike M.

Ken made a fold form shovel out of sheet metal. The sheet metal was a cookie sheet he found at a flea market. He made a pattern out of paper.(1) Use a heavier type of paper around 80 to 100 weight. He drew and cut and fit the pattern until he liked it. Cut it out and scribe it on the sheet. He cut the sheet out with shears. Mark all the bend points. Next was bending it to shape. Use a vise with good square edges to bend it. (2,3,4,5) Then use a block with good square edges to finish the bend with a small hammer.(6) This makes the bend nice and sharp. Bend all the bends in the proper order.

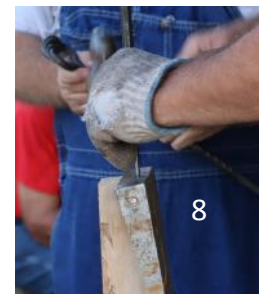
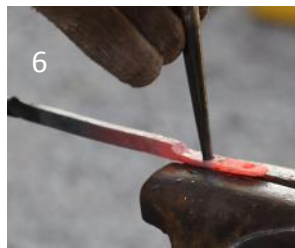
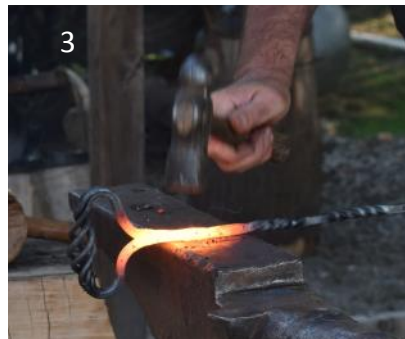
He punched the holes for the rivets on the sides with a small round punch.(7) The punch was made from high carbon steel. He backed it up with a piece of wood. The end grain works the best for cold punching. He used a piece of copper wire for the rivet. Drift the hole to fit the wire snugly. He cut the copper wire almost all the way through then inserted it in the hole and broke it off. Use a small hammer to set the rivet.(8)



Ken had made a handle for the trade item. It was a basket twist that was bent into a loop and forge welded at the ends.(1) He had a shaft with a reverse twist in it already made. He scarfed it to be able to forge weld it to the handle. He heated and welded it to the shaft.(2) He heated it a few more times to complete the weld and blend it in.(3,4) He made it look easy but there was a lot going on. Heat both pieces evenly. Bring the fire up to welding temp and when the pieces seem to disappear stop the air flow and let them soak. Ken practiced forge welding by welding 2 pieces then immediately quenching them in water and throwing them on the floor. If they were good, they would stick if not they would break apart. He did this until he was happy with the results. It seems to have worked very well.



He forged out a flat on the shovel end of the handle half the thickness of the parent stock. Just long enough to attach to the bottom and backside of the shovel blank. He hot punched 2 holes for rivets in it.(5,6) He then used the blank to mark where the bends in the handle should be. It ended up being a "Z" bend.(7) Then using the handle as a guide, he punched holes in the shovel blank. (9) Rivet it together and it is done.(10,11)



August 2022 BAM Meeting Iron-In-The-Hat

Donated By	Won by	Item
Bruce Miller	Mark Sampsel	Door Spring
Willie Bagley	Ethan Gabrielson	Vise
Bruce Miller	Mark Sampsel	Large Round Shaft
Bruce Miller	Dennis Jake Jacobs	Large Square Bar
Jeremie Howell	Bob Stormer	Miscellaneous Steel Stock
Tom Patterson	Bob Stormer	Band Saw Blade
John Sherwood	Yoo Jung Lee	Hot Cut Slitter
Ken Jansen	Donny Schilling	Brass
Bruce Miller	Dave Stephenson	Door Spring
Ken Jansen	John Sherwood	Shovel Stock (Baking pan & ½)
Hollis Harbit	Don Anders	Metal Rods
Bruce Miller	Hollis Harbit	Bearing Race
Bruce Miller	Hunter Cox	Large Round Shaft
Bruce Miller	Don Anders	Large Steel Bar
Bob Stormer	Bill George	Spring
Charlie Glover	John Sherwood	Railroad Clips
BAM	Tom Patterson	Hat
Bruce Miller	John Sherwood	Misc. H-13 Rods
Greg Humphrey	Fred Arnold	Rake Tooth Shovel & Grinder
Bob Stormer	Karen Bouckaert	Lawn Mower Blades
Tom Patterson	Chris Bopp	Band Saw Blade
Mike Smith	Donny Schilling	Ball Bearings & Bearing Race
Karen Bouckaert	Yoo Jung Lee	Cat Litter Buckets
Bob Stormer	Chris Bopp	Gas Cylinder Bell Kit
BAM Library	John Sherwood	Blacksmith Journal DVD Vol. 3
Bill George	John Sherwood	Honey
Mike McLaughlin	Mark Sampsel	Leaf Spring
Bob Eckert	Jeremy Howell	Copper Wire
Richard Kamp	Bob Stormer	Practical Blacksmithing & Metalworking
Don Anders	Donny Schilling	Gloves
Donald Davies	Chris Bopp	Cone Anvil in the Making



August 27th Meeting Trade Items: Fancy Handles

Photos: Bob Stormer, Mike M.



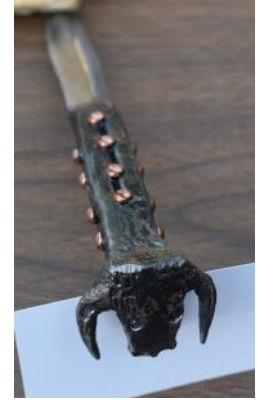
Ken Jansen to Santo Giuffrida



Donny Schilling to Don Anders



Mike Smith to Chris Bopp



Bob Stormer to Dennis Marshall



Santo Giuffrida to Ken Jansen



Chris Bopp to Mike Smith



Don Anders to Mark Sampsel



Bill George to Bob Stormer



Jeremie Howell to Bill George



Greg Humphrey to Jake



Mark Sampsel to Willy Bagley



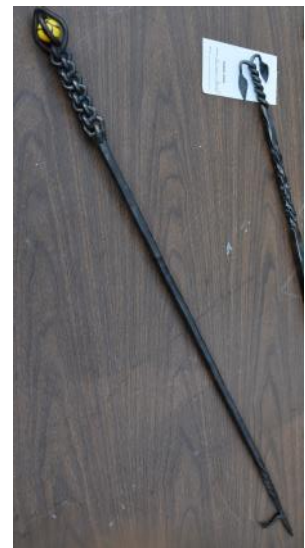
Jake to John Sherwood



John Sherwood to Jeremie Howell



Dennis Marshall to Greg Humphrey



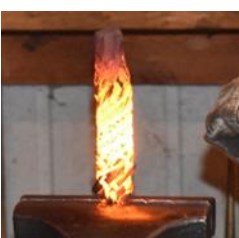
Willy Bagley to Donny Schilling

Pat McCarty Cable Damascus Demonstration at Bernie Tappel's 2022 Hammer-In

By Bob Stormer

There is always a lot of things going on simultaneously at Bernie's hammer-ins. This time I was asked to help a BAM member with cable damascus. I had never made cable damascus, so when the chance to get advice came, I asked Pat McCarty. He readily agreed and within minutes he was making a damascus dagger.

Pat started with a piece of 7/8" cable Bernie provided and cut it to 8" long. One end had some of the strands welded together, but the freshly cut end were not welded at all. The first thing Pat did was to start heating both ends to a welding heat and squaring the ends about an inch from the end to allow a twisting wrench and post vise to grip them. To do this he "gently" tapped the ends when at welding heat so it did not spread the strands out. If I remember correctly Pat did about 4 heats on each end to accomplish this to a point where he felt they were solid enough for the wrench to grip. The next step I thought would be to untwist the cable so heat could burn off the contami-



nants inside the cable. Pat said he never did that and proceeded to heat the entire cable to welding heat. As you'll see in photos of the finished knife, he was absolutely correct. He fluxed the cable with borax, brought it up to a welding heat, clamped it in the post vise and twisted it as tight as he could with the twisting wrench. I only remember him twisting one time and then wire brushing the scale that loosened from the twisting. More flux and back in the fire to a welding heat again, he used a "half round" on the swage block that best fit the diameter of the cable and began tapping it as he rotated it to set the weld all along body of the cable. He repeated this about four times, wire brushing and re-fluxing each time. When he was happy the whole cylindrical billet felt solid, he wire brushed again, but this time he found a dark spot, which he said was probably not welded properly on one of cable bundles. He re-fluxed, reheated, and re-forged that area to get a solid bil-



let with no dark spots. Next, he used the edge of the anvil to put a fuller at the mid-point of the billet. He did this since he was going to make a dagger with cable damascus and an integral handle and integral pommel, and the mid-point would be where the handle meets the blade which would be the perfect balance point. As he drew out the blade, he continued



forging at a welding heat. Once he had the blade pretty much to shape, he reduced the forging temperature to about 1500°. Pat used the heel of the anvil to hammer the bevels on both edges of the dagger. The only additional steps he did at Bernie's shop was to grind the flats on the blade and then etch it to show off the pattern.



Bernie and Patti Tappel's

Old Retired Guys and Anyone that wants to take a Vacation Day Hammer In.

By Mike McLaughlin Photos: Bob Stormer, John Sherwood Bruce Herzog, and Mike Mcl.

It was really nice weather for a get together. It finally rained after Noon. It was just enough to wet some things, but it didn't last very long. Would like to thank Patti and everyone that brought food. Lunch is always very good.

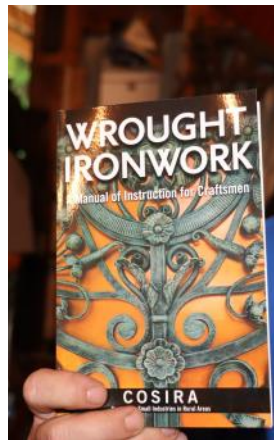
Terry Smith started it all By lighting the first fire with Flint and Steel. Then Bernie made a Tomahawk. He started with 9" of 1 -1/4 x 1/4" flat bar and a piece of 5160 for the cutting edge. He heated each end and drew them out to start the shape. Then folded it in half around a drift. He used the post vice to help get the sides together flat. He tapered the piece of 5160 to help it stay in place and not leave a big air gap when forge welding. He also gave it a small tack weld with a welder to keep it in place. He fluxed and heated it to a welding heat and then gave it a smack with the Bradley. That will set the weld in one hit. Heat and reweld until everything is welded then draw out the shape. Bernie did this all easily using the Bradley and his Little Giant. Use the peen of your hand hammer to help finish the shape. Redrift it until it is right. While you have it in the vise with the drift in it don't forget to hammer out the curve you get in the material on the width. When you bend flat bar around the mandrel the material cups away from the drift. Flatten out this cupping against the drift. It will help make sure your tapered socket is tapered the right direction.



Steve McCarthy mentioned that both Pat and Bernie cut the sleeves off their shirts and they are both Great Smiths. We don't think it has anything to do with their 70 plus years of combined experience. So get those sleeves off your shirts and reap the benefits.

Dennis Marshall stepped up to the anvil to make a beveled scroll.

He used 1/4" x 1" flat bar for this. Draw a taper the length you want. Then bend the hard way around the horn. Use a rounding face hammer to bevel the edges of the scroll. Do all of this while it is flat. Then use the horn of the anvil to create the shape with a leather or wooden mallet. Remember to flatten the back side to keep that plane flat. This came from the Wrought Ironwork manual from Cosira.



Finished scroll with one that has been cleaned up. (above) Sliding barn door hanger. (right)



John Dilsaver making a beveled scroll.





Dave Endres won the coveted Early Bird Award. He showed up a week early.



"Vern" got a good workout. Thanks to Steve McCarthy for making the pallets to stand on to bring you level with the base of the hammer. The new base worked very well.



BAM at The Missouri State Fair. Aug 11th. - 21st.

Pics: Bob Stormer, John Sherwood, Mike Morton, Mike M.

Every year the State Fair sets up a tent for us. They give us tickets and really close parking. We had 23 or 24 folks sign up to man the tent. It is always a great time. It is another chance to share ideas and inform the public on what we do. We also sign up some new members.

It was great to see Don Nichols there he dispensed his wisdom and got up and made some things.

Many Thanks to Hollis Harbit for dealing with the office signing up the volunteers and getting us some extra close parking.

I don't have pics of everybody, but here is a little of what happens. Thanks to everyone that volunteered.





Hamilton Mo. Steam Show

August 20th. 2022 Pics. Dan Nelson

Looks like a good day for the Steam show. Featuring Margie Cox, Willy and Tami Bagley, Yoo Jung Lee, Harold Vandemark, Jeremie Howell, and Dan Nelson (not pictured)



Tuition Assistance Program Guidelines

Effective Date: 1, 2022

Purpose

The purpose of this document is to establish a guideline for the Tuition Assistance Program (T.A.P.) of the Blacksmith Association of Missouri (B.A.M.).

Scope

This procedure is to be followed by all members and T.A.P. committee for the process of applying and reviewing applications for this program.

- 1:** The T.A.P is for non-B.A.M. classes.
- 2:** The applicant must be a B.A.M. member in good standing for two years prior to applying.
- 3:** The Program is to be capped at a maximum of \$1,000 dollars per application.
- 4:** The program is to provide assistance for tuition and travel expense (e.g. gas, lodging, and materials).
- 5:** Once assistance is granted, there is a waiting period of two years before the applicant can be eligible for another T.A.P.
- 6:** Maximum of two T.A.P. applications per year provided funds are available from the B.A.M. treasury.
- 7:** It is the treasurer's responsibility to determine if B.A.M. is in a financial position to provide T.A.P.
- 8:** If T.A.P. funds are not awarded in the calendar year they are "lost", there is no accumulation of T.A.P. available from year-to-year.
- 9:** If the treasurer determines that B.A.M.'s finances would be detrimentally affected by issuing T.A.P. then no funds would be available for that year.
- 10:** T.A.P. is to provide assistance to attend hands-on classes at an established teaching facility, or one-on-one instruction at another smith's shop.
- 11:** T.A.P. approval is up to the discretion of the T.A.P. committee.
- 12:** The T.A.P. committee has the power to revise this guideline at any time and submit to B.A.M. officers for approval.
- 13:** The T.A.P. guideline shall be reviewed every five years and reapproved by the B.A.M. officers.
- 14:** B.A.M. members using T.A.P. funding are 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 Tuition Assistance Committee to be reviewed and published in the B.A.M. newsletter no later than 3 months after attending the class.
- 15:** B.A.M. members using T.A.P. funding will present a demonstration of the newly learned skills at a B.A.M. meeting or complete a video to be placed in the B.A.M. library within 1 year of the class.
- 16:** One third of the total assistance amount will be awarded before the class, one third on submission of the article to the Tuition Assistance Committee, and one third after presenting the demonstration or video at a B.A.M. event.

TUITION ASSISTANCE APPLICATION

Name:

Address:

Phone & Email:

What class or workshop do you wish to attend?

Where:

What is the Cost?

Tuition:

Travel:

Lodging:

Materials / supplies:

Briefly, describe how attending the particular class / workshop 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 assistance, 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 Tuition Assistance Committee to be reviewed and published in the BAM newsletter no later than 3 months after attending the class.

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 within 1 year of the class.

One third of the total assistance amount will be awarded before the class, one third on submission of the article to the Tuition Assistance 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 workshop.

The assistance is a reimbursement of the approved costs listed above of up to 1000 dollars.

Send tuition assistance applications to: Orry Harbit 217 Phelps Street Windsor, Mo. 65360 660-287-5917

Signature:

Date:

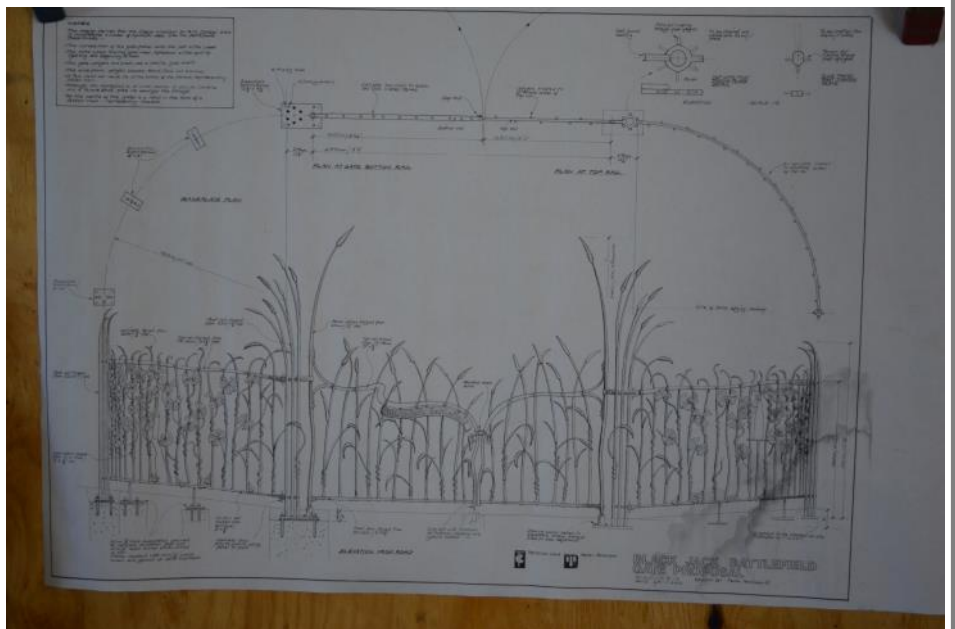
BlackJack Battlefield Gate Project

By Walt Hull

Our last work day put us well ahead on the gates proper. For those who don't have a clear picture of the overall plan I'm attaching a shot of the drawing. I'm also attaching a shot of one leaf of the gate to let you see what we've been up to. After the work day there was still quite a bunch of detail work to do that didn't justify getting a whole crowd together, and Kyle Shirk, Bob Couture and I kidnapped the gates (not the wings or the posts) and took them to my shop where we could work as opportunity presented itself. Kate was out of the country for a week and then involved in serious work for her job for a week, and then, just as icing on the cake, down with CoVid, so she hasn't been able to be involved.

The town of Baldwin City, KS, just a few miles West of the Black Jack battleground has its big annual Maple Leaf Festival on the 15th of October, and we believe that we can have just the two leaves of the gate done and possibly even powder coated in time to get them to the park and propped up in place for people to see in time for that.

The next step will be for me and Kate (now healthy) to go back to the other shop and survey the situation and see what is left to be done on the wings and posts and make plans for another big work day, hopefully before the end of September. If anyone who is interested has preferences or constraints for a particular weekend, please let us know. No promises, but we'll try to put something together that will work for the most people.



Missouri Based Schools

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

For more information call 314-842-0796 or email; Brendan@muellerstl.com

Matthias Penn is offering introductory & beginning blacksmith classes. 417-543-2148
Tytheblacksmith@yahoo.com
Ava Mo.

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

Oldschoolcrafts Blacksmith School, Joe Davis 12625 Lawrence 1175, Mt Vernon, MO 65712 phone 417-461-0387 on the web www.oldschoolcrafts.org E-Mail oldschoolcrafts@hotmail.com

Classes Offered, The Farrier's Wife Blacksmith Shop. 17332 EE Hwy. Ste. Genevieve, Mo. 63670
Lisa Thompson 573-984-9013 See on Facebook.
Email: thefarrierswifeblacksmithshop@gmail.com

Missouri School of Blacksmithing. 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 3100 NW Winchester Road Cameron, Mo. 64429 816-575-2798 mo-schools.com



Living Skills Festival October 28th-30th

*Traditional crafts and skills!
Homesteading and self-sufficiency!
Farming and gardening!*

In 2020 and 2021, MO Schools focused on offering Blacksmithing Conferences. This year, in order to reflect our ever growing, wider variety of presenters and demonstrators that our school now offers, we are hosting in its place, the Living Skills Festival! If you came for the blacksmithing in prior years, you will still find that here along with many of our current and future instructors, sharing their knowledge, expertise, and merchandise. So, if you want a sneak peak of classes we are offering, don't miss the Living Skills Festival October 28th-30th!

*Pre-Registration \$40 (up to October 14th)
\$50 at the gate - 12 and under free - cash or check only*

**GREAT FOOD, PRESENTERS, AND FORGING CONTESTS.
TOOLS, EQUIPMENT, PRODUCTS AND COAL SALES.
VENDORS AND TAILGATERS ARE WELCOME!
PRIMITIVE CAMPING AVAILABLE ON SITE.**

*Please give us a call to reserve your space,
and come out for a full weekend of food, fellowship,
educational and fun activities!*

FIND THE MISSOURI SCHOOL OF BLACKSMITHING ON GOOGLE MAPS
MATTHEW BURNETT, OWNER AND LEAD INSTRUCTOR
3100 NW WINCHESTER ROAD
CAMERON, MO 64429
816-575-2798

MISSOURI SCHOOL of BLACKSMITHING 
MISSOURI SCHOOL OF PLAIN and PRACTICAL LIVING SKILLS 

All are welcome!

Visit mo-schools.com, or give us a call for up-to-date information!



Upcoming EVENTS

October 8th, 2022 - Meeting - The Blacksmith Shop at The Brady Steam Engine Showgrounds
24289 Missouri Hwy 179 Boonville, Mo. 65233
Bring chairs and lunch. No food provided.
Trade Item: Forge/Fireplace Shovel

November 25th, 2022 Ken Jansen's Black Friday Hammer In.
2257 Carter Rd., Moscow Mills, Mo. 63362

December 3rd, 2022 - Meeting - Mueller Industries, 12951 Maurer Industrial Court, Sunset Hills, Mo. 63127 Lunch not provided. There is Fast Food nearby. Bring a chair.
Trade item: Letter Opener

January 1st, 2023 Pat McCarty's Headache Hammer In.
333 Haley Ridge Lane, Washington, Mo. 63090

February 4th, 2023 - Meeting - Dale Kirby Higbee, Mo.
Lunch Available. Trade item Door Knocker

March 25th, 2023 Tom Kennon Blacksmith Shop. Doniphan Mo.
Lunch Available. Trade Item TBD

The Venue for the December meeting has changed. Please see above.



Coal Stations

Coal Captain: Bob Alexander

Price per bag:

BAM Members \$18.00

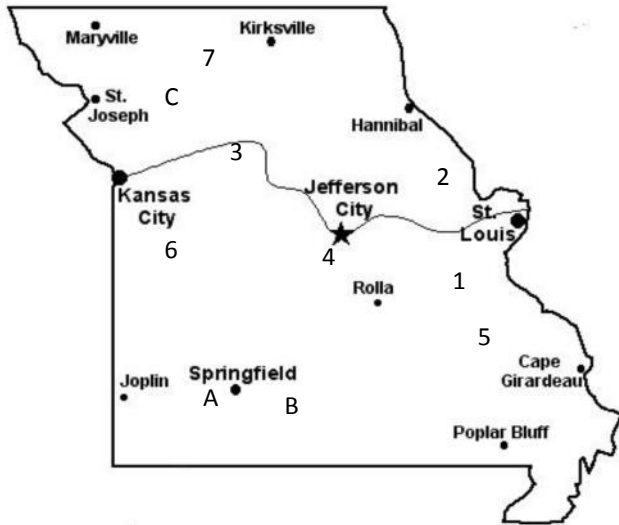
Non Members \$23.00

Member's pickup at Bob Alexander's - \$16.00

Non-Members pickup at Bob Alexander's \$21.00

Coal keepers earn \$5.00 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.

BAM COAL

1. Bob Alexander (636) 586-5350
14009 Hardin Rd.
DeSoto, MO 63020
2. Ken Jansen (636) 295-8490
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 65101
5. Bob Maes (573) 866-3811
Route 1 Box 106 K
Millersville, MO 63766
6. Bryan Lillibridge (660) 638-4536
1545 NW 300
Urich, MO 64788
7. 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 \$18 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:

Chambersburg 3CH self contained air hammer one piece frame. Excellent condition - new restoration - ready to run. Rebuilt 15 HP 3 Phase motor. Rebuilt Manzel Oiler. 2 New dies, 1 used die. Beech wood pallet to raise the hammer 4".

\$32,000.00

Contact: Robb Gunter, New Mexico 505-270-4974

For Sale: 330 Lb. Euroanvil Excellent condition Side Shelf, Upsetting block, Wooden stand

\$2200.00

William (Toby) Tobler 816-419-4308

For Sale: 200# Hay-Budden, 1-1/8" Hardy, Substantial tripod stand. Some hardy tools. Pics on website under tailgate. \$900.00 Rob Ahrens 573-221-7556 New London Mo.

Commercial / Resource ads:

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

Tire Hammer Plans by Clay Spencer

Send Paypal for \$30 to 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 and mail to Scott Kretschmer
196 Mule Deer Drive, Loveland, CO 80537. Include check for \$50 + \$10 shipping.

Deep scratches and wrong sharpening may cost extra.
scott@kretschmershops.com, 970-567-2609

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

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Classes Offered, The Farrier's Wife Blacksmith Shop. 17332 EE Hwy. Ste. Genevieve, Mo. 63670
Lisa Thompson 573-984-9013 See on Facebook.
Email: thefarrierswifeblacksmithshop@gmail.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

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 Call for more information and to enroll: (928) 554-0700 or (888) 743-4866.
www.piehtoolco.com.

Matthias Penn is offering introductory & beginning blacksmith classes. 417-543-2148
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 E-Mail oldschoolcrafts@hotmail.com

David Norrie blacksmithing school in Colorado
David Norrie 970-215-4666 www.davidnorrie.com
www.forgewithintention.com

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>

Rochester Arc & Flame Center! Featuring Blacksmithing, Welding & Glass Blowing, over 30 classes available for all levels of interest, www.rocafc.com 585-349-7110

Products:

Blacksmith Supply

Wide variety of Blacksmithing tools, equipment and supplies. Tom Tongs, Smithin Magician, Anvils, Forges, Fly Presses, Hammers, Punches, and more. Website: www.blacksmithsupply.com
Phone: 1-804-530-0290
PO. Box3766 Chester, VA 23831

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Genuine Little Giant parts for your Little Giant Power Hammer.

Owners: Doug Klaus And David Sloan
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Phone: 402-873-6603
Email: contact@littlegianthammer.com
US mail: 48182 SW 32nd Rd. Odell, NE 68415

Forge-Aprons offers many different styles of leather blacksmith aprons; the Original bib, the Short bib, the Full-Cut bib which offers greater chest coverage, the Lap apron, three sizes of Kid's aprons, a Budget apron, a Women's cut, and Aussie Forge aprons. 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

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Kayne and Son Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 web site: www.blacksmithsdepot.com.

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

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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 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 hmcrafty@gmail.com or 636-359-1232. visit us on FaceBook at **Craf-Tee Creations**

Holland Anvil

Anvils, Swage Blocks, and more. www.hollandanvil.com

Atlas Knife & Tool

Anvils, Forges, Supplies. <http://www.atlasknife.com>

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

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 or send an E-Mail to Terry Humphries at 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, 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: Saturday October 8th, 2022

Hosted By: Don Anders, Brady Steam Engine Show Grounds
24289 Mo Hwy 179, Boonville, Mo. 65233

Trade Item: Forge/ Fireplace Shovel. Bring you own Lunch and Chairs.

