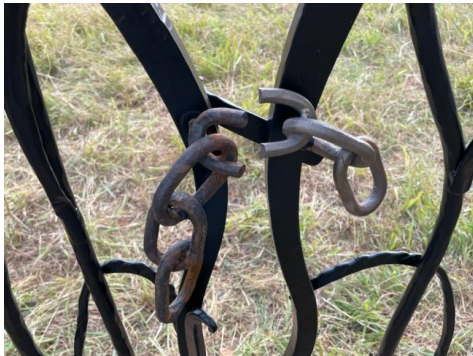


BAM

September/October 2022



September/October 2022
Volume 39 No 5

Blacksmith Association of Missouri

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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: Bart White 802 Maple Lane Macon Mo. 63552 bwhite10000@hotmail.com 636-226-8155

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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'

Send this form in an envelope with your payment to:

BAM
C/O Bart White
802 Maple Lane
Macon, Mo. 63552

I _____ hereby apply for membership in the
Artist-Blacksmith's Association of North America and enclose
\$ _____

MasterCard Visa Check/Money Order

Card Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Exp Date:

--

(Required)

Checks must be in U.S. Currency
SEND RENEWAL TO:
ABANA Central Office
PO Box 462
Johnstown, PA 15907-4817

(814)-254-4817
www.abana.org To join online.

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Karen Bouckaert
 - Conference Chair**
Ashley Farnsworth
 - Coal Captain**
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- The Blacksmiths' Association of Missouri is an affiliate of the Artist Blacksmiths' Association of North America, and is devoted to the preservation and advancement of blacksmithing and to communication among blacksmiths in Missouri and surrounding areas. The Newsletter of the Blacksmiths' Association of Missouri's goal is to support these aims. Letters to the editor, tech tips, tools for sale or anything else which furthers these ends will be considered for publication.
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Presidents Letter

Hello BAM Members, I hope this newsletter finds you well. I'd like to first welcome Bart White as our new membership coordinator replacing Dennis Marshall. This means all future forms whether renewals or memberships will be sent to Bart. Please note the new address on the form.

We had a good turnout at the October 8, 2022 BAM Meeting in Boonville, MO. It was good to see many new faces. I think we had 22 trade items. Don Anders and Bernie gave a great demonstration. Be sure to check out the articles, pictures and business meeting minutes.

I'd also like to thank Zach Smith for some technical assistance during the meeting. He helped an attendee with hearing impairment to set up email and download needed software on the attendee's phone in order to receive close captioning. I found a way to send the closed captioning and Zach helped him to receive it, making it another tool for us going forward. Helping each other is a definite cornerstone of BAM.

I look forward to the "Black Friday Hammer-In" and our next meeting on December 3, 2022 at Mueller Industries, in St. Louis County. Check Newsletter for location specifics.

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

Santo



Amazon Smile

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October 8, 2022 - BAM Meeting Minutes

Santo opened the meeting and thanked Bernie Tappel for allowing BAM to use the forge facility at Brady Steam Showgrounds to have our October meeting and he also thanked Bernie and Don Anders for a fine demonstration – both to solid applause from the group!

Santo explained that we will be using technology for the first time today to make available a real-time transcription of our demonstrations and business meeting so that a prospective member who is hearing impaired can get closed captioning on his phone and follow our meeting.

Santo gave the membership report and explained that Bart White will take over as our new membership coordinator but that Bart will not be able to attend member meetings until after this winter due to schedule conflicts. During that time, if you wish to discuss membership issues at a BAM meeting, see Santo instead of Bart; he'll get you what you need. Santo gave the membership report: "Last meeting, we reported 595 members. Since then 17 have been removed, and 5 new members joined for a total of 583."

Chris Miller gave the Treasury Report: Some conference expenses came in late which somewhat reduced the net take that was previously reported for conference, however, savings from the new newsletter publishing costs continue to offset increasing costs elsewhere. Treasury is doing fine.

Ashley Farnsworth provided a Conference update: Three demonstrators have been confirmed for conference. We are in negotiations with multiple food trucks to provide just the lunches at the next conference, the Saturday dinner will still be catered. This allows conference goers to select from a wider variety of foods at lunch and removes the burden of having to arrange catering, plus members won't have to serve the catered food. Another bonus is that late-comers who did not reserve a lunch will be able to get lunch.

Santo asked that all the committees involved with conference to submit anything they want published in the conference flier to Ashley soon so we can get that out to members by December. We plan to use our new printing vendor for the flyer in order to take advantage of the non-profit postage rate arrangement that they provide for the Newsletter.

MTS Chair Don Anders mentioned that they will be holding beginner's classes with the Mobile Training Station at Ray Scott's in Eminence in the spring. If you are interested, contact Ray – See the BAM website calendar for details.

Santo said there is an initiative underway to update our website and to allow it to include membership sign up and payment. We are beginning with bringing over the material from the existing website. We will continue to use the existing site until all of the content from the existing site has been brought over to the new site and the new site has the ability to accept payment for membership registration via credit card.

Santo explained that ABANA is offering some financial assistance similar to our own Tuition Assistance Program to support their National Curriculum (NC) training program to train instructors. Don Anders explained the program for students and instructors. The program progresses through the various blacksmithing skills and has 6 levels, Tier 1, Tier 2A & B, and Tier 3A, B, & C. The resulting certification(s) are also recognized in Europe. The program starts off basic and gets more advanced. Once you complete a level, your work has to be reviewed and approved to get the certification. Once you reach a certification level, you can be an

instructor for the level below that. If you have any interest in this, contact Santo so we can gauge the overall interest level. Also see the ABANA site for details about the NC Training program: <https://abana.org/abana-curriculum/> - it's under the Education link on the home page.

The next meeting, December 3, 2022, was originally scheduled to be in Springfield, MO, but has been moved to St. Louis at the Mueller Industries location off highway 30 west of I-270. Trade item will be a letter opener. Subsequent meetings are February 4th at Higbee Mo with a trade item of a door knocker and March 25th at Doniphan, MO with trade item to be determined. See BAM website calendar for latest details.

Santo asked Karen Bouckaert to speak about the new library trailer. Karen asked that we use the provided "book marks" – (bits of cardboard) to mark where we removed a book so we can put what we check out back in the same location, as the books are in alphabetical order. Karen also explained that the library trailer project was started some time ago by Phil Cox and this summer, members had gathered to install the shelving and finish the appointments. Karen thanked Ken Jansen, Don Anders, Gary Kobermann, John Sherwood, and Bob Stormer and presented a gift of cookies to those present (Don, John, and Bob).

Santo mentioned that ABANA is having a BAM Box Raffle on November 4, 2022. The BAM Boxes are very beautiful and are made by BAM Member Pat McCarty; the box also includes many tools. Go to abana.org and under the picture of the BAM Box, follow the links. *Tickets must be purchased ahead of time for the raffle at abana.org.*

Editor Notes:

It was a good meeting in Boonville. We had 22 Trade items. It wasn't a record, but was a real nice turn out and a lot of great ideas were shared.

The Library trailer turned out very nice. I will try to get a schedule of what meetings it will be at.

By the time you read this Pat McCarty's BAM box will already be raffled off. I will be waiting for it to be shipped to my house. I know I'm going to win.

Get out there and practice your forge welding.

Mike M.



Don Anders Demo

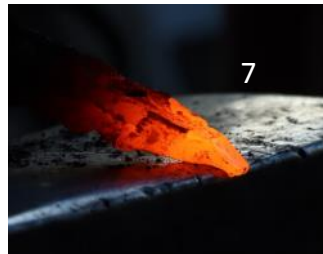
Written by Mike McLaughlin Photos: Bob Stormer, John Sherwood, Michael Gorzel, Mike M. Bruce Herzog

Wheat Twist Handle. Don used 4 pieces of $\frac{1}{4}$ " round 14" long. He marked the center and bent them 90 degrees at the post vise, cold.(1) Then bent them closed a little farther by hand, cold.(2) He used the post vise to finish closing them, cold.(3) He said to hold them with tongs while closing them up. If they jump or pop out of the vise, it hurts a bit. You can heat and bend them if you need to.

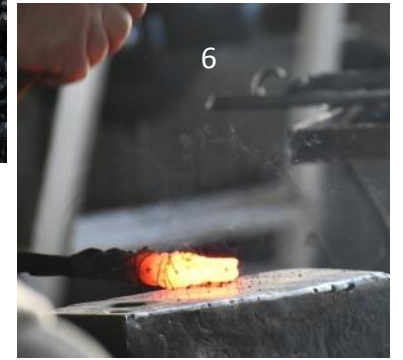
Heat them up and twist them with the loose ends in the vise and a twisting wrench on the other side.(4) He shoots for about 4 twists. Straighten it in the vise if needed. Twist 2 of them clockwise and 2 counterclockwise. Twist them all the same number of turns.



After they have cooled assemble them into a bundle, so they line up correctly and wire together.(5) Alternate them into a square pattern. He forge welded the looped ends together first. He forges this end to about $\frac{1}{2}$ " square to have a size that will fit tongs when he welds the handle to the shaft.(6) The looped ends will be drawn out to create the hook on the end after welding to the rest of the handle. It is easier to draw out the looped ends to make the hook end. There is not as many loose ends to worry about having cold shuts.



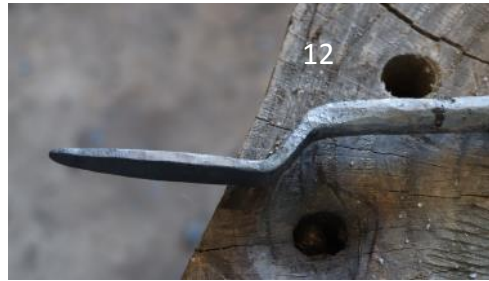
Forge weld the loose ends together and prepare a scarf to forge weld to the handle.(7) I think the handle material is $\frac{1}{2}$ " round. Scarf the end and prepare to weld.(8) He used a drop tongs weld. He heated and fluxed and welded it together. Boom one shot and welded.(9) Reheat and clean up the weld and transition as needed. (10)



Heat the looped ends and draw them out to create the hook. Use the horn of the anvil to help draw it out and it helps to make a smooth transition on the hook.(11) After it cooled, he drew out the handle some more.



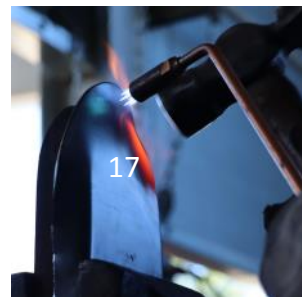
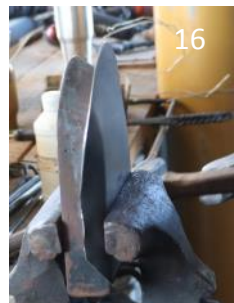
Heat and draw out the end that will attach to the shovel. It is a flat with a taper at the end. It is bent into a Z pattern to fit the shovel blank. Make sure it is wide enough to drill holes to rivet it together.(12,13) We got distracted and it did not end up getting riveted.



Shovel blank by Bernie Tappel. He used 16 gauge flat steel cut into a pattern. He had a form to hammer it over.(14) It is a form design he got from Francis Whitacker. The size of your shovel blank depends on the size of your form. You use a torch to heat it. Clamp the form and your shovel blank in the vise.(15) He bends the sides first cold. It gives it crisper edges.



(16) He also uses a set hammer to get it flat and helps to define the crease. Heat the blank close to where the form is.(17) You want to get the bend area defined first. Don't let the ripples at the edges get too big. You don't want to fold them over. Work down all the lumps. (18,19)If it starts to fold heat it and pry it back out and do it again. Keep working all around the back until you get it to where you like it. Grind or file the edges to get them even.

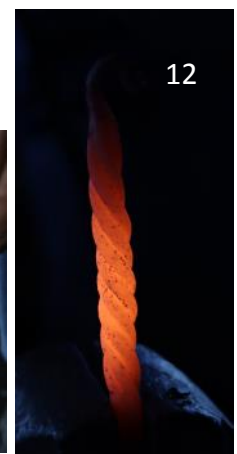
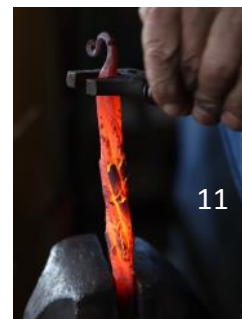
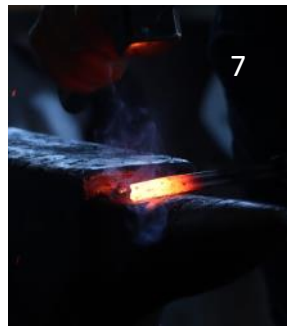


Bernie Tappel Shovel Form.

Shovel form. Bernie uses 1/4" x 1-1/2" flat bar for the form. It is a Frustrum of a cone. It is a half of a cone. You need to figure out what you want your shovel diameter to be. There is a write up in the July/August of 2012 Newsletter that explains it very well. Some of the sheet metal books that are in the downloads on the website have it also. This calculates how much and how long a curve you need bend it the hard way to create the form. Once you figure out the curve you should make a pattern so you can remake it if needed. He drew the pattern on the floor.(1) He marks the bar with center punches to know where it should be curved and where it should be straight.(2) Bend the hard way keeping the curve centered and the straight pieces straight. Keep checking with your pattern.(3,4) Bernie then heated the whole curve and bent it around the horn of the anvil.(5) Bending around a cone or a piece of pipe the diameter of your shovel bottom makes it easier to get it round. Make sure it lays flat after bending.(6) After bending he welds cross pieces in to hold it in a vise.



Basket twist Fire Poker. 1/4" round rod about 8" long. Bernie usually uses 5/16" round. Hold all four pieces together in tongs or wire together. He welds this in the step of the anvil to help contain the ends.(7) Tack together the ends do not over forge you just need them stuck. Weld the other end and scarf it for welding to the shaft.(8) He used 3/8" square bar for the shaft. You need to size the diameter of the bar to the diameter of your welded together basket. Scarf the 3/8" bar and scarf the basket. Weld together. Take another welding heat and clean up the transition area.(9) Heat and finish the weld on the hook end. Draw it out to create a hook.(10) Heat the entire handle end clamp it in the vise and twist it one direction.(11) Make sure it is straight and tight. (12)



Heat again and twist the other direction while pushing it in a little. Untwist until you are happy with it.(13) You can straighten and get the spacing even with tongs or a screwdriver if necessary.

Poker end .He used about 5" of 3/8" square bar. Draw one end out to a point and the other to a flat taper.(14) Fold in half.(15) Scarf the folded area 90 degrees from the bend.(16) Scarf the handle shaft. Weld together and refine the weld.(17) Shape the end of the poker.(18) This poker end is another Francis Whitaker innovation.

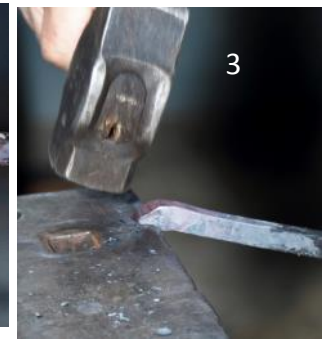
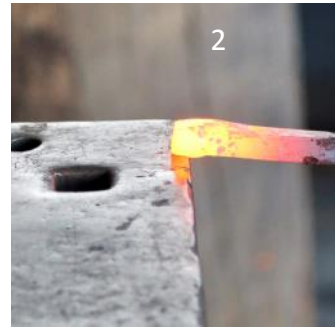


Forge welding 101 with Bernie Tappel.

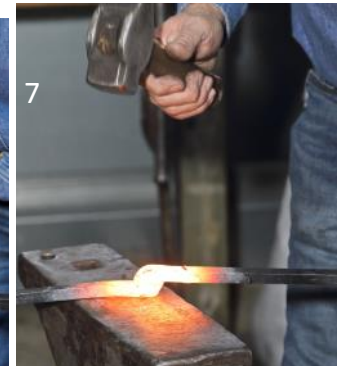
Fire management is one of the most important parts of it. Having enough coke and green coal at the edge to keep it going. He uses Easy Weld for flux. He also uses Crescent, but you can't buy that anymore. The Easy Weld has little particles in it that help it stick together. He used a piece of 1/2" square. He heated the end and gave it a short upset on the end.(1) The easiest way to do it is in the post vise. You want the material larger than original. When you weld the two pieces together it gives you more material to bring the bar back to original size.



For the scarf he just sets the end over the edge of the anvil about 1/4". (2) Hammer down with half faced blows to thin the end a little bit. Keep the width the same. Using the corner of his hammer he rounds the end and pulls out a little tail.(3) This is a real short scarf. It should fit together.(4) If you keep the scarf short, it makes it easier to get the whole weld area heated. The ends of the scarfs need to be in the area that is at a welding heat. He then went through a dry run on the drop tongs weld. Practice it until you know what all your moves will be.



He heated the pieces a little and then applied flux Just on the face that is going to be welded.(5) Keep the scarfs up until the flux melts then rotate them in the fire. If you rotate too soon you can knock the flux off. Wait until it is up to temperature pull out of the fire and weld.(6,7) Bring back to a welding heat, flux and refine the weld. Bernie used this method on all of the forge welds he did on the fire poker.



October 2022 BAM Meeting Iron-In-The-Hat

Donated By	Won by	Item
Willie Bagley	Jeremie Howell	Bearing Races
Paul Talaski	John Coats	Pegboard Hooks & Holders
Don Anders	Rob Riesmeyer	Gloves
Bob Stormer	Harold Van De Mark	Large Tap
Mike Lewandowski	Harold Van De Mark	Old Bolt
John Sherwood	Gus Feldmann	Gas Forge
Jeremie Howell	Larry Miles	Steel Cables
Paul Talaski	Bill George	Hand Crank Grinder
The Tappels	Mike Gentsch	Tape Measure & Safety Glasses
Rick Mathena	Steve Allen	4" Round Steel Brake Part
Bill George	Mike Gentsch	Sawmill Blades
Fred Arnhold	Bill George	Lawnmower Blades
Bob Stormer	Chris Bopp	RR Track J Hooks
Eileen Sherwood	Ashley Howell	Kitchen Towel & Pot Holder
Hollis Harbit	Steve Allen	3/8" Round Rods
Mike Gentsch	Chris Bopp	Measuring Tool
Chris Bopp	Willie Bagley	Lawn Mower Blades
Bob Stormer	Willie Bagley	Lawn Mower Blades
Dennis Marshall	Mike Gorzel	Sledge Head, Axe Head & Wedge
Mike Gentsch	Steve Allen	Shovel Blanks
Dennis "Jake" Jacobs	Willie Bagley	Belt Grinder Holder
Scott Stager	Willie Bagley	Wrench to Make Twisting Tool
BAM Library	Rob Riesmeyer	Book: Hydraulic Die Forming
Chris Bopp	Hollis Harbit	Dewalt Cordless Drill
Mike McLaughlin	Santo Giuffrida	Punch Holder
Scott Stager	Rick Methena	Wrench to Make Twisting Tool
BAM	Willie Bagley	White Ball Cap
Ken Jansen	Rick Methena	Stabilized Walnut
Dennis "Jake" Jacobs	Mike Gentsch	Belt Grinder Belt Holders
Karen Bouckaert	Bill George	Mint Tins
BAM Library	Bill George	Book: Modern Welding
Mike Gentsch	Fred Arnhold	Lathe tool
Bernie Tappel	Paul Talaski	Demo Shovel Form
Bernie Tappel	Willie Bagley	Demo Fire Poker
Don Anders	Rob Riesmeyer	Demo Shovel Kit
Don Davies	Paul Talaski	Dozer Pad and Plow

Trade Items October 8th. 2022

Photos: Bruce Herzog



Chris Miller to Jeremie Howell



John Dilsaver to Mike Gentsch



Michael Gorezel to Dennis Marshall



Hollis Harbit to Bob Stormer



Steve McCarthy to Kurt Knickmeyer



Rick Mathena to Santo Giuffrida



Mikey Lew to Harold Van De Mark



Carl Buck to Bernie Tappel



Mike Gentzsch to Rick Mathena



Dennis Marshall to Steve McCarthy



Don Andres to John Dilsaver



Bob Stormer to Hollis Harbit



Santo Giuffrida to Chris Miller



Mike McLaughlin to Bill George



Bill George to Michael Gorzel



Jeremie Howell to Mikey Lew



Harold Van De Mark to Don Anders



Willy Bagley to Carl Buck



Bernie Tappel to Mike McLaughlin



Kurt Knickmeyer to Willy Bagley



John Sherwood to Chris Bopp



Chris Bopp to John Sherwood

BAM Mobile Library

Librarian Karen Bouckaert brought the BAM Library to the meeting for it's first test run. Everything held up well and now she gets to finish filling it up.

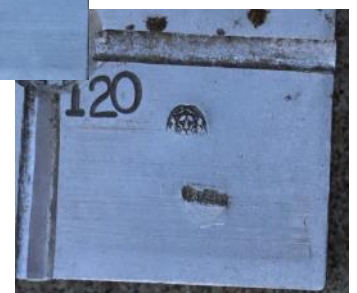
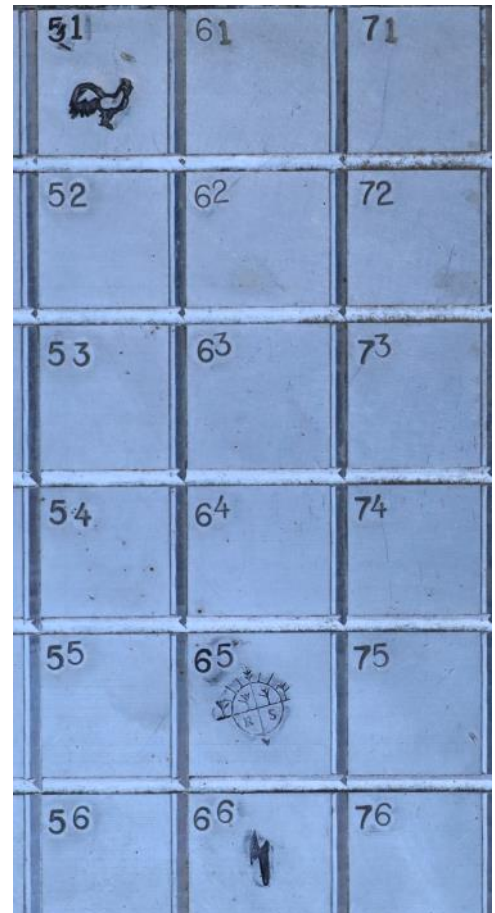
She thanked Ken Jansen, Don Anders, Gary Koberman, John Sherwood, and Bob Stormer for their help installing the shelving and cabinets.

The trailer will not be at all the meetings, but will be brought out when it is feasible.

I can't wait to see it full of books.



Mark Lawson created an aluminum block to create a list of members touch marks. Here is what we have so far. It will be at the conference in May 2023. It will be on a better stand to help make your impression better if needed. Bring your touchmarks and get on the list.



Touchmark List

1. Mark Lawson	41. John Schonfeldt	81. *
2. Mike McLaughlin	42. Santo Giuffrida	82. *
3. Bill Moffet	43. *	83. *
4. Matthias Penn	44. *	84. *
5. Joey Woods	45. *	85. *
6. Vernon Grashorn	46. *	86. *
7. Forest Nunnery	47. *	87. *
8. Tom McDowell	48. *	88. *
9. Steve King	49. *	89. *
10. *	50. *	90. *
11. Don Anders	51. Steve McCarthy	91. *
12. Scott Woods	52. *	92. *
13. Jessica L. Woods	53. *	93. *
14. Hollis Harbit	54. *	94. Paul Talaski
15. Doug Clemons	55. *	95. *
16. Richard Miles	56. *	96. *
17. Mike Lanham	57. *	97. *
18. Bob Patrick	58. *	98. *
19. Scott Stager	59. *	99. *
20. *	60. *	100.*
21. John Kirby	61. *	101.*
22. John Lovin	62. *	102.*
23. Chris Miller	63. *	103.*
24. David Glenn	64. *	104.*
25. Ken Hamilton	65. Bob Stormer	105.*
26. Ken Jansen	66. Bob Stormer	106.*
27. Jim Holland	67. *	107.*
28. Roger Degner	68. *	108.*
29. Don Nichols	69. *	109.*
30. *	70. Divern Mease	110.*
31. John Sherwood	71. *	111.*
32. Dan Nelson	72. *	112.*
33. Andrew Eickmeier	73. *	113.*
34. *	74. *	114.*
35. Matt Burchett	75. *	115.*
36. Joe Franklin	76. *	116.*
37. Jared Wortman	77. *	117.*
38. William H. Bagley	78. Lisa Thompson	118.*
39. Jon McCarty	79. *	119.*
40. Wyatt Brooks	80. *	120.Raymond Braddum

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

As mentioned in the last Newsletter, we had set ourselves a deadline to have the gates (just the gates!) built, hopefully powder coated, and propped up in time for Baldwin City's Maple Leaf festival on the 15th of October. This we were able to do. With the muscle, minds, and enthusiasm of Bob Couture, Kyle Shirk, and my friend Samrat plus a little lumber and my old Ford, and excellent service from the powder coaters, we met our deadline and I think you'll agree it looks pretty good. Ruth set up a table with informational posters and literature, and we were all set to impress and inform and, hopefully, collect donations to support the project. As you may already know, all the labor to build this project has been volunteer, but the Black Jack Battlefield Trust has been funding materials and supplies, the cost of powder coating, and site work. For those who may wish to know more the website is www.blackjackbattlefield.org.

Unfortunately the admiring crowds failed to show up. Apparently this was due to lack of communication between the Battlefield organizers and those in charge of the Maple Leaf Festival, so we ended up spending a lovely Saturday afternoon on the prairie. It had been our understanding that there were to be tours, etc. on Sunday as well, but we were then informed that this was not the case, so we packed up and took the gates back to my shop, where they are now.

The National Park service has declared the Battlefield a National Historical Trust and a couple of the pictures below show the monument just below our gates marking the designation. I blew one of these shots up to show that, but I'm afraid it's not quite readable. Another of the photos shows the latch detail, symbolizing the breaking of the chains of slavery.



Our next move is to assemble the main posts. Most of the parts have been made, but it's going to take quite a bit of work to get them together. The posts are built from 1-3/8" round bar, 6' or so long, and there is a lot of straightening and bending to be done before they can be attached to the hinge brackets and base plates. We anticipate that another work day or two will be necessary to complete this. Scheduling may be a problem with cold weather and holidays approaching, so let me know if you have any input on that to help establish a date. If you are interested in joining in, please get in touch (785 766 9405).

We have set ourselves another deadline, this time for the anniversary of the battle, which will be mid-June 2023.



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

Upcoming EVENTS

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 Drive, 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

April 15th. and April 22nd 2023. MTS Classes day 1 & 2. Eminence, Mo.
Contact Don Anders for info.

April 27th. - 30th. 2023 31st. Annual Ozark Conference. Sedalia, Mo.
Demonstrators: Nick Rossi, Glenn Horr, Lisa Elias. See the BAM website for more info.



Coal Stations

Coal Captain: Bob Alexander

Price per bag:

BAM Members \$18.00

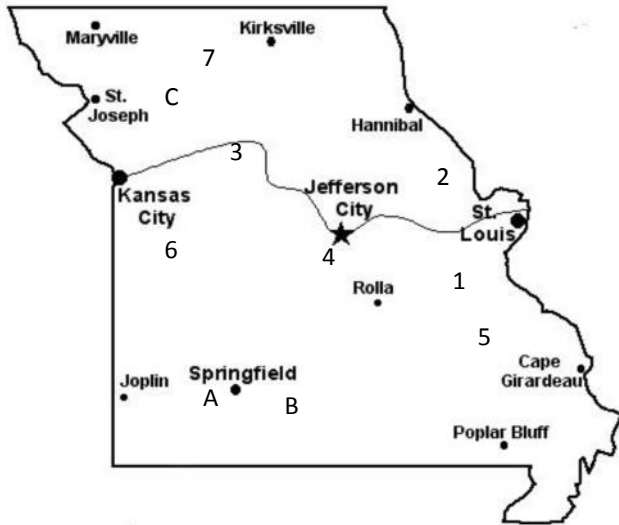
Non Members \$23.00

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



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

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.

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

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

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

Little Giant

Genuine Little Giant parts for your Little Giant Power Hammer.

Owners: Doug Klaus And David Sloan
Website: littlegianthammer.com
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

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

Website: www.BlackSmithCoke.com
Mobile: 678-360-3521
email: lbrandforgecoke@gmail.com

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.

Chile Forge- Next generation gas forges www.chileforge.com David Starr 520-312-0000

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 December 3rd, 2022

Hosted By: Mueller Industries, 12951 Maurer Industrial Drive, Sunset Hills, Mo. 63127
Trade Item: Letter Opener. Lunch not provided. There is Fast Food nearby. Bring a chair.

