

# RAM

May/June 2021



May/June 2021  
Volume 38, No 3

# Blacksmith Association of Missouri

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## Hank Knickmeyer

8/27/1941 - 6/3/2021

BAM lost one of its longtime members on June 3. Hank Knickmeyer was known around the world as a pioneer in the field of mosaic damascus steel. BAM members knew him as a friend, a teacher, a forge builder, and a knife-maker extraordinaire. Hank was known for opening his shop to friends and blacksmith/knifemakers from around the world for meetings, workshops, and just general good times. Hank, you will be missed. Rest in peace. Our sincere condolences to Bonita, Curt, Sharon, Dutch, Cindy, Augie, Emma, Otto, and the rest of the family.



Hank Knickmeyer with "Hammer"  
Photo courtesy of Beverly Robertson.



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### President's Message

Santo Giuffrida

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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, it was good to see so many of you at the conference. It was especially exciting after not having one in 2020 due to COVID. Much of this Newsletter issue will cover the conference happenings, so I will not do it here. Next year will be the 30<sup>th</sup> annual conference and we hope to make it even more special.

As you read in the past issue, we have our 501 ( c ) ( 3 ) public charity determination by the IRS. I want to tell you as a result, I have now signed the Blacksmith Association of Missouri up with Amazon Smile. If you choose, this can provide an opportunity for BAM to receive donations from your Amazon purchases at no cost to you.

For those not familiar, Amazon will donate .05% of the purchases an individual makes and direct them to the Blacksmith Association of Missouri. However, in order for that to happen the individual must do their Amazon shopping through the AmazonSmile webpage at <https://smile.amazon.com> and have Blacksmith Association of Missouri selected as their charity. For more detailed instructions and links to setup please check out our new BAM website link titled [BAM is a 501 \( C \) \( 3 \) Public Charity – What does that mean?](#)

I want to let you know the BAM Officers have approved a change in language used for what has been called the Scholarship Program. It will now be called the Tuition Assistance Program. No real change to how the program works, just clarity as the program is more of a grant than a scholarship. The IRS has different expectations on Scholarships. Consequently the application form in the Newsletter and Website will say Tuition Assistance Application from now on.

Also note we now have a December 4, 2021 BAM meeting added to the list of upcoming meetings section in this issue. The July 10th meeting location has changed. It is at Towne Park in Foristell Mo. We have rented the park pavilion. 100 Towne Park Dr. Foristell, Mo. Bring chairs and lunch. Please check the website for updates.

Unfortunately, we have lost a longstanding member Hank Knickmeyer. Our thoughts and prayers go out to the family.

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

Santo

## 2021 BAM Conference Report

Submitted by Bob Stormer



### Opening Night (Thursday 4/29/21)

Following a wonderful potluck meal under the banner of "Phil Cox Memorial Potluck", and an invocation offered by Mark Lawson, BAM President Santo Giuffrida started the opening ceremonies by thanking conference chairmen Michael Gorzel and Ashley Farnsworth II for all work and planning. He also thanked all the contributing committee members and the many volunteers who made the conference possible. Michael Gorzel provided a briefing of the basic information about the conference. Michael identified the two main demonstrators Allen Newberry, and Roy Adams, where all the specific venues are located, and a rundown of the conference schedule. Santo then opened the meeting with the traditional flint and steel fire start to light the first forge fire. Following the fire start Santo declared the 2021 BAM Conference open.

The first order of business was the election of officers for next year. Since all the current officers agree to stay on for another year and there was no one who wanted to run for office, all the current officers were voted for by a verbal vote from the attendees.

Santo then gave an explanation of BAM's recent IRS tax exempt status and the Missouri sales tax exemption. This means qualifying donations and contributions BAM receives can be tax deductible to the donor. Donors should let us know if they wish a receipt at the time of donation. IRS can require receipt from BAM on monetary donations of \$250.00 or more and receipts for Non-monetary donations. Donors are responsible to determining value of non-monetary donations. IRS can require a formal appraisal of items over \$500. Also note that member dues and fees are not tax deductible.

It is important to note that the IRS is extending the 2020 \$300 tax deduction for monetary donations to qualifying non-for profits like BAM 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.

The BAM Sales Tax Exemption was just received and can only be used on purchases and sales in accordance with the bylaws stated purpose. This will be helpful for BAM's purchase of boutique supplies, the newsletter publication, and coal purchases.

The BAM conference trailer (the black one) that is currently located at Orry Harbit's brother's house, needs a new place to stay. Outside storage is OK. Preferably but not necessary, the new location would close to Sedalia, since that is where it is used mostly. If you can store it, please contact Santo at 314-434-3791, or Orry Harbit at 660-287-5917.

Santo reminded everyone the State Fair will be Aug 12, 2021 thru Sun Aug 22, 2021. The state fair committee puts a up a large tent for BAM's use and provides free admission and parking for BAM members who are demonstrating, and their spouses. Demonstrators are allowed to sell any blacksmith related items and BAM provides the forges, anvils and coal. The volunteers only need to bring hand tools and steel for their projects. Contact Hollis Harbit at 816-277-8554 for details if you can help out.

Mark Lawson is organizing a list of volunteer demonstrators who may be willing to demonstrate when BAM gets a request for blacksmithing help. Please contact Mark at 816-726-3073 if you want to help.

There was also a "touchmark" registration block outside the registration office if you want to register your touchmark with BAM.

John Sherwood reminded everybody to submit a vote for the Peoples Choice Award at the Gallery.

Willie Bagley introduced the forging contest called "thread the needle" that would be conducted on Friday evening and he encouraged people to sign up. Thread the needle involved using about an 8" piece of ½" square stock and drifting a hole in one end and threading the other end back through the hole. There was a 5 minute time limit.



Before closing the official ceremonies for the night Santo asked everybody present to take part in ringing the anvil for BAM members who passed away since the last ringing of the anvil at the August 2020 BAM Meeting. The four members we rang the anvil for are: Roy Warden, David Edwards, Carmett "Corky" Helms, and Dennis Yates.

Bernie Tappel and Ken Jansen then presented Past-President Steve McCarthy with a propane forge they had built as a president's gift. Steve lit the forge over by the MTS to access the propane there and was able to do a test forge weld successfully. No more excuses when demonstrating canister damascus at Steve's shop

### **Banquet, Awards & Auction (Saturday 5/1/21)**

Mark Lawson gave the invocation for the banquet. It looked like the conference committees did the serving of barbeque style dinner. It was delicious.

Following the banquet Santo started the award ceremonies by introducing Don Nichols, recipient of the 2019 BAM Founders Award. Don, in turn, named his choice for the 2021 BAM Founders Award as Matthew Burnett. Matthew could not attend the conference this year.

Don said that he was glad to see the "youngsters" stepping up, teaching and carrying on the craft.



## Awards Continued:

Santo then introduced the first winner of the BAM Lifetime Membership Award as Don Birdsall, who had spent a great deal of time working with Mobile Training Station (MTS), both teaching classes and maintenance of the trailer. He also hosted many meetings at his shop near Rolla. Well deserved.



The second recipient of the Life Membership Award went to the well deserving Karen Bouckaert for multitude of activities she manages for BAM. On the BAM website Contacts page she simply listed as Librarian. The BAM History page doesn't show how long she has been Librarian, but I'm guessing it to be at least 15 years. In that capacity she not only keeps track of the 100s of books, reference material, DVDs and VHS tapes and actively pursue those who don't return books on time, but also seeks out new books to add to the library. In addition to being the Librarian she is also the conference vendor coordinator, conference logo organizer, and the meeting Trade Item and Iron-In-The-Hat organizer. And, recently was a non-publicized demonstrator of making nails at the April 2021 BAM meeting. In addition to the award, she also received a standing ovation by the 100+ people at the banquet/auction.



Santo then named Blacksmith Supply, John and Mickey Elliot, as the recipients of the BAM 2021 Conference Vendor Award. Blacksmith Supply has been yearly vendor and site sponsor for lot of years at the BAM Conference.



John Sherwood announced the People's Choice Award for the Gallery submittals to Doc Schertz for "TOY" copper repoussé plaque of a working blacksmith. Moving the handle in back made his head, hammer and foot move.



Next on the agenda for awards was Willie Bagley identifying the three winners of the forging contest. 1<sup>st</sup> place winner of \$50 was Matt Burchett, 2<sup>nd</sup> place winner of \$30 was Matthias Penn, and 3<sup>rd</sup> place winner of \$20 was Colton Kiso. Congratulations to all the contestants for competing.

Left to right: Matt Burchett, Matthias Penn, Colton Kiso



"Toy" with Award made by Walt Hull. Power Hammer Hot Cut



Following the award ceremony, the auction was conducted by Phillip and rusty Johnson of Sedalia. They did it without charging BAM, and they did a wonderful job. Many thanks to both of them.

### Sunday Morning Raffle Drawing

Jake Jacobs won the first swage drawing and Mike McLaughlin won the second swage block drawing. Ashley Farnsworth II won the drawing for the flatter. Mike Smith won the toolbox that Mike Gentsch made and was filled with donated tools made by BAM members and other shop related tools. He wasn't present so Karen called him with the good news. The anvil that was donated by the Dennis Yates family was drawn next. The story behind the anvil donation is important enough to repeat. Dennis had won the anvil at a previous BAM conference raffle and used it to teach a lot of new members some blacksmithing tricks. When the name was drawn, it was Mike Smith again, so Karen called him again with more good news. He told Karen to put the toolbox back in the raffle and draw for again, since he felt bad about winning both items. Mike Morton won the Tool Box.



Would like to Thank Cliff Larsen and Myron Hansen for their donation. They were serving up Minnesota Coney's



Dave Sloane and Doug Klaus:  
The New little Giant Co.  
[www.littlegianthammer.com](http://www.littlegianthammer.com)



Don MacCarthy and Keith Daleen:  
Burrking Grinders.  
[www.burrking.com](http://www.burrking.com)



Tinka Berger: Blue Moon Press  
[www.bluemoonpress.org](http://www.bluemoonpress.org)



John and Mickey Elliot: Blacksmith Supply  
[www.blacksmithsupply.com](http://www.blacksmithsupply.com)

## Editor Notes

Well I ran myself out of space again. But that's ok. I had a great time. The things you see, hear, and smell are well worth it. Plus there is probably some cookies.

I will try to get more Gallery Pics in the next newsletter space permitting.

I think I'm not going to have enough to fill it, then next thing I know I'm out of space.

I hope you enjoy it.

Mike McLaughlin

## 2021 BAM Conference Knifemaker Demonstration

By Bob Stormer

Allen Newberry J.S. was the knifemaker demonstrator for the 2021 BAM Conference. During the demonstration that lasted two full days, he was able to complete a full tang knife that was auctioned off, forge and heat treat a hidden tang knife blade, forge and heat treat a second full tang knife, showed how to make delft clay cast knife parts like guards and pommels, and demonstrated how to do a silver wire inlay on the completed knife. When he demoed the delft clay casting, he could only do the mold making part since he had forgotten to bring his crucible. The video listed below shows the whole delft clay casting process.

Here's a list of the You-Tube videos Allen made that address the very same demos he did for the conference.

### Silver Wire Inlay Videos –

Making the tools <https://www.youtube.com/watch?v=Nv9m31tLc08>

Making the tools for silver wire inlay <https://www.youtube.com/watch?v=PrR7NG1RbHY>

Doing the inlay - <https://www.youtube.com/watch?v=dgK9PXJICXo>

### Knife Making Videos

Part 1 Forging <https://www.youtube.com/watch?v=bTkx7vd9mTI>

Part 2 Grinding <https://www.youtube.com/watch?v=uqRJHANCsmk>

Part 3 Heat Treating [https://www.youtube.com/watch?v=FrA2\\_P0Q6Co](https://www.youtube.com/watch?v=FrA2_P0Q6Co)

### Delft Clay Casting Videos

Delft Clay Casting <https://www.youtube.com/watch?v=3I51Hmx2O10>



Allen's demo was an exact duplicate of the knife he made in the video reference above. He used a piece of 1/4" by 1/4" 5160 bar stock, and started forging the point and showed what undesirable "fish lips" look like. Look closely at the tongs Allen is using to hold his blade in Figure 1 as well as the "fish Lips". The absolute grip of the tongs allows him to tap the point vertically on the anvil to re-flatten the point to get rid of the "fish lips". Figure 2 also shows the tongs and blade after eliminating the "fish lips". His tongs gripped equally well from either end of the work piece, the importance of using the right tongs.



Since this knife was to have a full tang, he used what I thought was a unique method for setting the blade



length. He used the edge of the anvil to put a notch that defines the end of the blade. See Figure 3. Following setting the blade length, Allen started working on shaping the tang. Figure 4.



---

He then flipped it around to re-address the blade to make sure it was still straight before normalizing. Normalizing reduces the grain structure to lessen the chance of breaking. Allen used three cycles to normalize the blade. The first was heating it to non-magnetic and letting it air cool until there was no color left. To determine that all the color is gone you need a very dark background, like under a workbench. The next cycle was to heat it to a lower than non-magnetic heat and air cool it again. The third cycle was to heat it to barely see a dark red color and air cool it again.

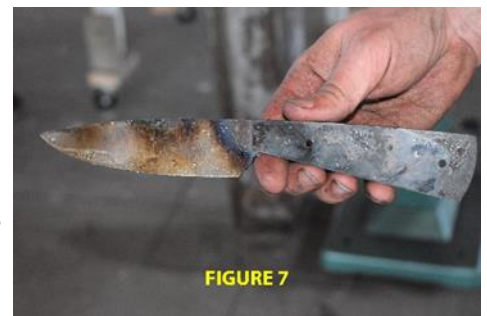
The next step is rough grinding the blade using an old 60 grit belt to get the forge scale off. He started this by cleaning up the profile of the blade, then the tang and then the blade. He switched to a new 60 grit belt to complete the rough grinding before heat treating. A nice tip he showed was to grind a fairly sharp angle at the blade edge to get a nickel size thickness on the edge. Do this to get the edge centered with the rest of the knife. Then you can do the final flat grind of the blade sides down to this nickel thickness and be sure the blade edge is centered. Figure 5 is rough ground blade.



The hardening and tempering process was next on the agenda. For the hardening he used canola oil for this demo that he pre-heated to about 130°. However, he recommends using commercial quenching oil like Parks AAA, and if you do, it doesn't need to be pre-heated. Allen even quenched the tang, which I had never



seen before. If you watch the above referenced videos, you'll see that at home he uses a kitchen oven set at 325° for tempering. For the demo he used a propane torch, like a lot of us do. When using the torch method, you need to keep a bucket of water handy. If you look closely, you can see water droplets on blade in the Figure



7 photo. He started drawing the entire tang to a blue color to make it less brittle. The goal is to draw the blade to a light straw color.

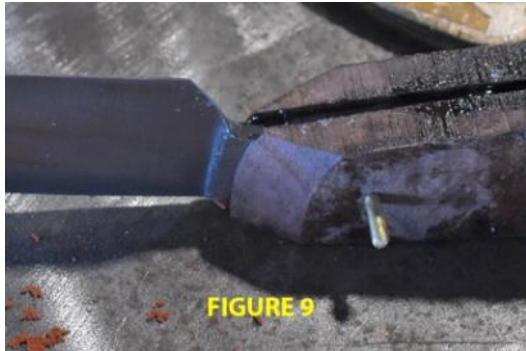
The next step he demonstrated was the final grinding. He used the same process as the rough grinding, profile, tang then blade. The difference is he used 60 grit, followed by 120 grit, 220 grit and finally 320 or 400 grit. In figure 8 you see that he also ground reliefs in the tang to lighten it. The coating you see on the blade is a gun oil called Ballistol that he uses to protect the blade from rusting while continuing to work on the handle.



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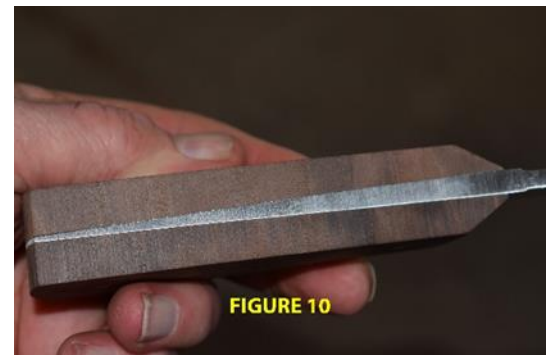
He then began working on the handle. In this case he was using walnut slabs, which are excellent for his later demo on wire inlay. He first laid the slabs on the handle and drew the outline of the tang with a pencil on the slabs. Allen then used a 36



grit belt to grind the scales close, about 1/8", to the outline. He then clamped one scale to the tang and drilled the holes through the walnut slab using the predrilled holes in the tang as a guide. He uses a #30 drill bit for the 1/8" pins. He then did the same for other scale. Remember there is a right and left side. Allen did a dry fit to make sure the parts are going to fit when it comes time for gluing the scales on. Since this is a full tang handle this is the time to dress the front edge of each scale. You can't dress it after assembly without damaging the ricasso. You can see the bevel on the front edge of

the scales that were finished with a 320 grit belt in Figure 9 after gluing. Use acetone to clean up the glue from the front edge of the scales.

After the glue sets, Allen used a 36 grit belt to do the final shaping of the handle. At this time, you don't want to touch the tang with the 36 grit belt, just sand the wood. Figure 10 shows the taper of the tang as well as the bevel on the front of the scales. This was the results after 60 grit sanding. He then continued refining the shape through 120 and 220 grit belts. I didn't get a good photo of the final handle shape prior to his demo on the silver wire inlay, but if you read on, you'll see the final shape.



The final stage finishing the knife was the silver wire in-lay of the handle. He uses both .013 soft and .008 half-hard thicknesses for different purposes. The .008 is fairly ridged and works best on flat in-lays. The softer .013 is more flexible for conforming to the curves of knife handles. The .013 wire is what Allen used on the demo knife. Both wires are .055 wide (deep when you inlay it). Allen roughs up the wire with 220 grit sand-



paper so it will grip the sides of the grooves better. The following link is where Allen gets his silver wire: <https://hagstoz.com/product/sterling-silver-cloisonne-inlay-wire/>. The short story for wire in-lay is to use the tools to create a groove for the wire to set in. You're not removing any wood, just making a deep enough, and wide enough groove for the wire. Figure 11 shows the tools Allen made and uses. After laying the wire in the groove he gently taps it in with a small tack hammer, and prefers to leave the wire stick up a little so it doesn't go so deep that it gets lost in the wood.

Enough wire needs to stick up to sand smooth with the wood so it can be polished. Figure 12 shows the results prior to sanding the wire down to the wood. Prior to sanding, he dabs a little water on the wire in-lay areas to help the separated wood groove close up and grip the wire better. He used a hair dryer on the low setting to dry the wood before sanding. I strongly suggest you watch the You-Tube videos mentioned in the references to see how he makes and uses the tools from X-acto blades. Figure 12 also shows the “sandbags” Allen uses to hold the work steady while in-laying the wire. You can also see the final handle shape. He uses 220 grit sandpaper on a block to avoid



FIGURE 12



FIGURE 13

sanding low spots on the wood while sanding the wire even with the wood. Figure 13 shows what BAM’s own intrepid craftsman, Jake Jacobs, did by watching Allen’s videos and using the .008 wire thickness.

Following the wire in-lay of the handle, and 220 grit sanding, Allen finished the handle by sanding it with 0000 steel wool and coating it with Tru-Oil gun stock finish. Just use a few drops and rub it in. If you use too much it takes a few days to dry. He then sprays on some armor all to help cut the Tru-Oil, and then rubs mineral oil on the neutralize the armor all. This sequence is done three times.

The only thing left to complete the knife is to sharpen the blade. When he previously did the finish grinding the edge was left only about 1/64” thick, so there’s not much sharpening to do. He uses a 320 grit belt until a burr raises from both sides. He then uses a wet stone with mineral oil to get the final edge and remove the burr.

Allen also had a demonstration planned to show us how to cast guards and pommels, but he forgot to bring his crucible that he would use to melt the silver he was going to use. He was able to demonstrate the “delft clay” casting technique through making the mold. His demo was making a ring, but the same principles apply for guards, pommels and other knife parts. Figure 14 shows the results of his demo which was to complete the mold for the ring. Once again, I suggest you watch the referenced video on You-Tube and you’ll get all the details.



FIGURE14

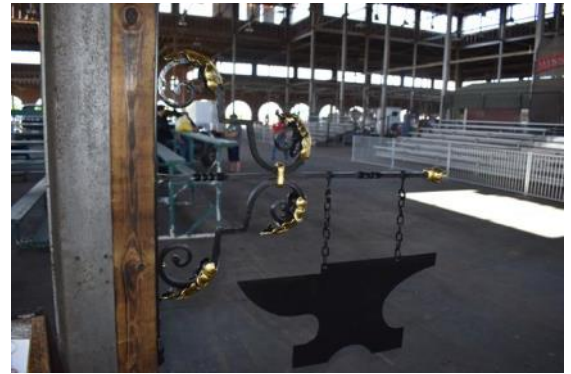
## Roy Adams, Christ Centered Iron Works

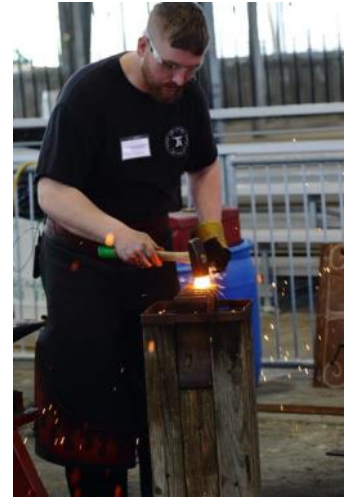
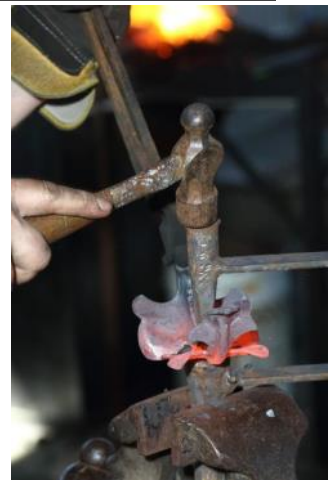
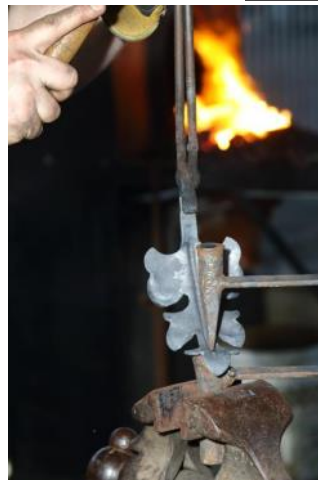
By Mike McLaughlin Photos Bruce Herzog, Bob Stormer

Roy's demonstration consisted of the techniques required to create a French Baroque sign Bracket.

I was not able to do a write up on it, but you are in luck. You can watch how it was made on youtube. Go to [www.blacksmithpdfs.com](http://www.blacksmithpdfs.com) scroll down to Created Playlists, click on "Forging a French Baroque Sign Bracket. There is 7 videos in this series. Plus this time lapse at the conference. <https://www.youtube.com/watch?v=3r3a0FZ-sOA>.

As you browse around you will find videos on how to create some of the tooling he used to make this.





[www.cristcenteredironworks.com](http://www.cristcenteredironworks.com)

[www.blacksmithpdfs.com](http://www.blacksmithpdfs.com)

[www.youtube.com/c/christcenteredironworks](https://www.youtube.com/c/christcenteredironworks)

Follow on Instagram and Facebook.

There is a lot of good information in all of these places. So please like and share.

# Gallery Photos



Doc Schertz



Bernie Tappel



John Sherwood



Mike Morton: Coal Forge Shovel



Bob Alexander  
Bluegill



Eddie Rainey Donated by Margie Cox



Mike Glisson Black Rabbit Forge



Pat McCarty  
BAM Box #67



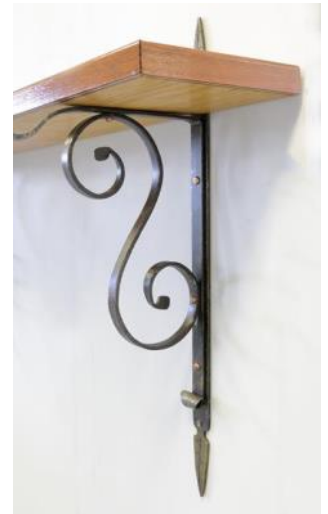




Mark Yoder  
The Appointment



Chris Miller: Flowers, Leaves, & Squiggly Q  
Shelf Bracket



Santo Guiffrida: Leaf Man



Nathan Robertson  
Not Art



Eric Bartch  
April in the Ozarks



Wayne Olson



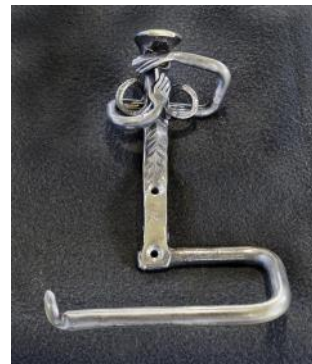
Tami Bagley



Ken Jansen



Mark Lawson: Horse Bridle



Clay Spencer  
Mister Stinky



Kent Harbit: Safety Pin  
Donated by John Sherwood



Rick Meyer: Grandchild Treasure Chest



Sam Hincker: Sam's First Knife



Vernon Grashorn: Hacksaw



H "Sid" Suedmeier



Walt Hull



Burton Mannell: Book Ends



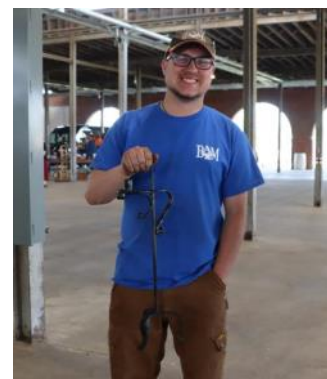
John Dilsaver / Bob Patrick: Gate  
Traditional Arts Apprenticeship  
Program

# Blacksmith Classes

Beginning Class taught by Matthias Penn



Advanced Class with Bernie Tappel and Don Anders making smoke. 18th Century Lamp Sorry I didn't get a photo of everybody.



# Craft Classes



**Basket Classes with Mary Jo McCarty**



**Stained Glass Lantern with Tami Bagley**



Pics



Daysha and Wyatt Brooks.  
Starting the auction.  
Auctioning a few of Tony's  
items.  
(photos to the left.)



# Tuition Assistance 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 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 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 assistance amount will be awarded before the event, 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 event.  
The assistance is a reimbursement of the approved costs listed above.

Send tuition assistance applications to:

Orry Harbit 217 Phelps Street Windsor, Mo. 65360

660-287-5917

This page may be printed

# Missouri School of Blacksmithing Class Calendar Spring 2021

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\*

Richard Brown  
Bob Bruton  
Matt Burchett  
Hunter Collins  
Neil Crocker

Brandon Lee Dearing  
Zenas Fulton  
Thomas Loftus  
Dan McMurtry  
Doug Palmer

Von Schmidt  
Corey Warner

\*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

July 10th. - 100 Towne Park Dr. Foristell Mo. 9:00 am. Bring Chairs And Lunch. Trade item: Bottle Opener

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

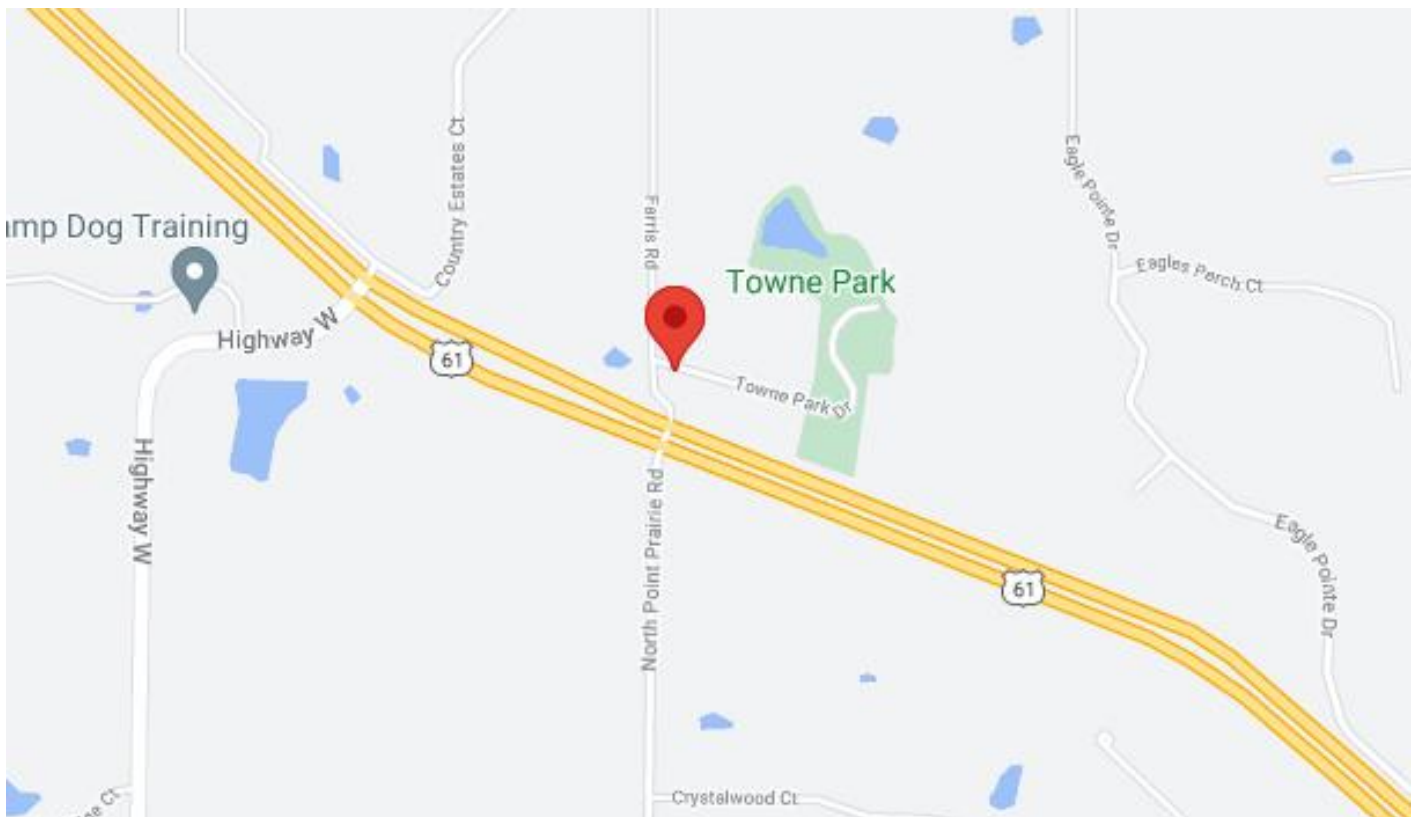
August 28, 2021 - Meeting - Willie Bagley - Chillicothe, MO  
Trade Item: Something with Blacksmith Joinery

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

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

December 4th, 2021 - Meeting - Matt Dickson - Festus, MO

The Park is North of Wentzville and South of Moscow Mills. Exit at Farris Rd., North to Towne Park Dr.,  
Turn Right follow to end of road.





# Coal Stations

## Coal Captain: Bob Alexander

## BAM COAL

### Price per bag:

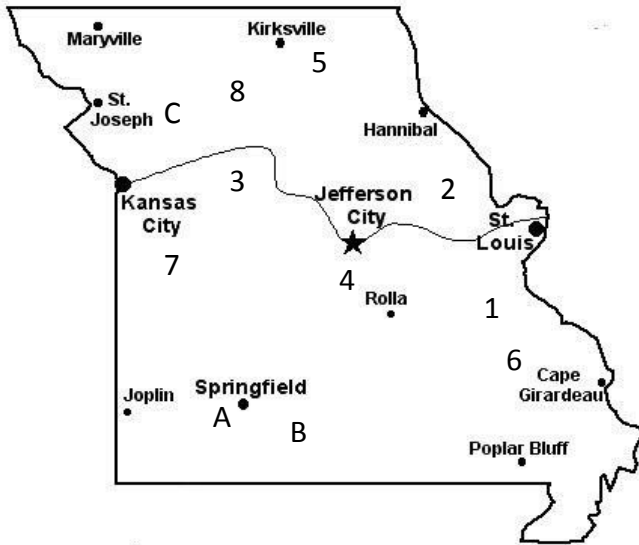
BAM Members \$15.00

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:

**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 Call 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 970-215-4666 [www.davidnorrie.com](http://www.davidnorrie.com)  
[www.forgewithintention.com](http://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](http://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](http://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](http://littlegianthammer.com)  
Phone: 402-873-6603  
Email: [contact@littlegianthammer.com](mailto: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](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 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 520-312-0000

**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](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 [hmcrafty@gmail.com](mailto:hmcrafty@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

Holland Anvil: Anvils, Swage Blocks, and more.[www.hollandanvil.com](http://www.hollandanvil.com)

Thank You for your Donation.



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

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

The Location for the July 10th. Meeting has changed. It is at Towne Park.  
100 Towne Park Dr. Foristell Mo.

Start Time 9:00am. Bring Chairs, No lunch is available. Trade item: Bottle Opener.  
Map on page 24 inside.

## Next Meeting: August 28th, 2021

**Hosted By:** Willie Bagley 9940 Rd. 2302, Chillicothe, MO. 64601

**Trade Item:** Anything with Blacksmith Joinery

From Hwy 65 go West on Hwy 190 to Liv 2313 rd. then South to Rd.2302 turn right.

