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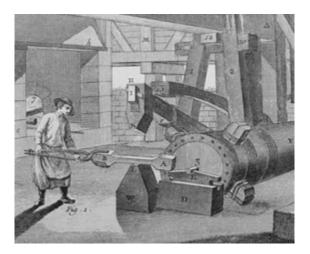
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On the Cover

Isaac Granger, Blacksmith, Petersburg, VA 1847



Disclaimer

Blacksmithing is a lot of fun, but comes with inherent dangers. All members, demonstrators, and guests are responsible for using appropriate safety equipment and for using safe working methods. Minors must be accompanied by a parent or responsible adult.

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Unless otherwise noted, all content is available for use by nonprofit blacksmithing and metalsmithing groups, provided the source is cited.

Coming Events

January 12 - 9 am - 1 pm

CVBG January Meeting Phoenix Handcraft 1607 Altamont; Richmond

January 20 - 1 - 4 pm SWVABG January Meeting

Great Road Craft Guild 1812 Big Spring Dr; Elliston

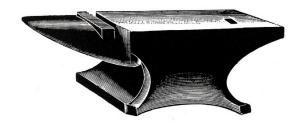
February 9 - 9 am - 1 pm

CVBG Open Forge

Banton-Smith Center for Blacksmith and Metal Arts 1600 Valley Rd; Richmond

February 17 - 2 - 4 pm

SWVABG February Meeting Smithfield Plantation 1000 Smithfield Plantation Rd., Blacksburg



A Primer on Chasing and Chiseling Work

By Jody Durham

At first glance, works using chasing and chiseling can look complex and intimidating to recreate. When in reality it takes a minor amount of skill to achieve decent results. The real secret is the labor and attention to detail to gain jaw dropping results. As a beginner it is best to start with a simple design that will allow you to have a completed project

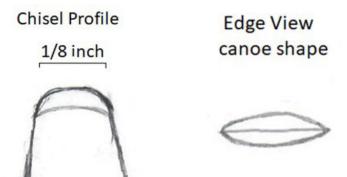
cuts, the middle planishes and starts to push the material out of the way. With chasing the smaller the chisel width, the more detail is ac-quired, with a drawback of adding time to the project. I would recommend a chisel width of no more than 1/8th inch for this project.



in a minor amount of time.

A candle holder designed by Mike LaMarre and inspired by a Samuel Yellen rosette is a great starter project. You can complete the Candle holder using just a few tools, and will offer a good start-ing point on chasing in designs and chiseling the shape out.

The first tool you will need is the incisor/chisel. It has a very specific shape which is important to achieve good results. Minor changes to the geometry of the edge can make big differences in the tools performance and quality of the end product. The best description of the edge is the profile of a canoe. Thicker in the middle and tapering to a thin edge on either end. The corners are rounded off which helps achieve even results. The leading edge of the chisel



Most all traditional chased work starts with the pattern being glued on to the metal. The best glue to use according to Ernie Dorrill is normal rubber cement. The glue adheres easily to both the paper and metal and will burn off leaving no residue if needed. Once the pattern has been glued on, cen-ter punch the middle and drill a small hole to fit a machine screw. Now it's time to start your first pass on the project. A pass is considered one com-plete cover of chisel hits on all lines of the pattern. If memory serves, it may take 4 or more passes to cut out one piece on 16 gauge steel

With the first pass complete you can burn off the pattern or leave it on. I have seen little difference either way. Be aware of what is decoration and what is to be cut totally through.

You can achieve what is called line weight by var-ying the depth of the chisel cuts on decoration lines i.e. hitting deeper into the material will give a wider line. Calligraphic writing is a good way of picturing what I am talking about.

Once you've made 4 passes and you can hold up the work piece to a light source and can see light passing through in places, relief cuts can be made on a band saw and the part can be broken out of the sheet. If you have the prerogative you can completely chisel cut the design out without the relief cuts.

Note: drawings on the following page may be found full size on the Philip Simmons website under Classes and Notes

The second tool needed is a ball fuller. Basically a ball shape on the end of a punch. 9/16 diameter or similar will work fine. Place the bottom part of the candle holder face down on a stump and use the ball fuller to dome out the leafing to produce some depth in the design. Generally, you need 3 hits per leaf on the design to dome it out, one on each leaf point and one on the center.

The smaller rosette is done the same way with one added step. The center triangular leafs need to be pushed up and bent out to form a singular leaf.

The third and top layer is chased, chiseled out, and bent to shape to form a candle holder. A 7/8 inch round rod was used as a mandrel to form the cup of the holder. The tips are bent down to add design and character.

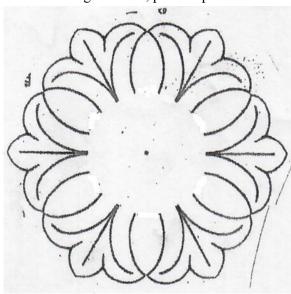
Once all the pieces are ready to assemble, bolt all pieces together make sure to pose the stack in a pleasing manner and finish with a coat of some type of protectant.

I would like to thank Mike LaMarre for his help and generosity in sharing his design and providing a pattern. I would also like to thank Ernie Dorrill and Clay Spencer for their Tireless efforts in teaching and sharing their knowledge.

Thanks also to the guild for the scholarship. Without our member's donations and participaion, many of our group would not be able to receive such valuable training and knowledge!

Top (candle holder piece)

Enlarge to 3 5/8, point to point

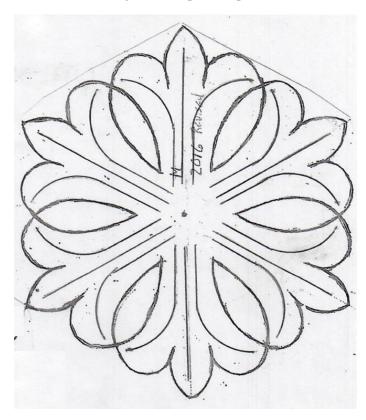


Originally published Mar-Apr 2018 "On the Anvil" newsletter of the Philip Simmons Artist Blacksmith Guild

Candle Holder Pattern

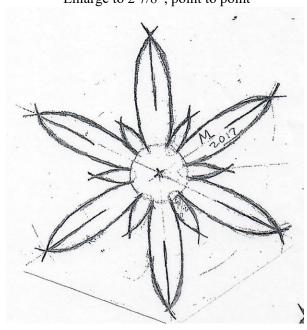
Base (Part one)

Enlarge to 4.5", point to point"



Middle (Part 2)

Enlarge to 2 7/8", point to point





Isaac Granger

A Virginia Blacksmith

Isaac Granger was born at Monticello in 1775, the third son of "Great" George Granger and Ursula "Queen" Granger. Ursula Granger was from Goochland County; Thomas Jefferson purchased her in 1773 because she was a favorite of his wife, Martha. In his youth, Isaac was tasked with light chores, including lighting cooking fires, hauling wood and opening gates.

When Jefferson was elected Governor of Virginia, the Grangers were among the staff -enslaved and free - that he took with him, first to Williamsburg and later, Richmond when the capitol was moved. They were there in Richmond when British forces under Benedict Arnold invaded. Isaac remembers,

"As soon as the British formed a line three cannon was wheeled round all at once & fired three rounds. Till they fired the Richmond people thought they was a company come from Petersburg to join them: some of em even hurraed when they see them coming: but that moment they fired every body knew it was the British. One of the cannon-balls knocked off the top of a butcher's house: he was named Daly not far from the Governor's house. The butcher's wife screamed out & hollerd & her children too & all. In ten minutes not a white man was to be seen in Richmond: they ran as hard as they could stave to the camp at Bacon Quarter Branch. There was a monstrous hollering & screaming of women & children. Isaac was out in the yard: his mother ran out & cotch him up by the hand & carried him into the kitchen hollering. Mary Hemings, she jerked up her daughter the same way. Isaac run out again in a minute & his mother too: she was so skeered, she didn't know whether to stay indoors or out. The British was dressed in red. Isaac saw them marching. The horsemen (Simcoe's cavalry) was with them: they come arter [after] the artillery-men. They formed in line & marched up to the Palace with drums beating: it was an awful sight: seemed like the day of judgment was come. " Life of Isaac Jefferson, pp 6-7

The Grangers were taken prisoner by the British, along with many others, and were transported to the



enslaved internment camp near Yorktown. They would remain there until the end of the Revolution. "And so the British carred them all down to Little York (Yorktown.) They marched straight through town & camped jist below back of the battle-field. Mr Jefferson's people there was Jupiter, Sukey the cook, Usley (Isaac's mother) George (Isaac's father) Mary the seamstress & children Molly, Daniel, Joe, Wormley, & Isaac. The British treated them mighty well, give em plenty of fresh meat & wheat bread. It was very sickly at York: great many colored people died there, but none of Mr Jefferson's folks." *Life of Isaac Jefferson*, p 9

When Jefferson became President, he took Isaac with him, apprenticing him to a Mr. Bringhouse, a Philadelphia tinsmith. Isaac would learn to make pepper boxes, graters, cups and to tin copper cooking vessels and sheets of iron. He learned quickly, and satisfied with his progress, the President sent him back to Monticello to set up a tinsmithing operation. Unfortunately, like so many of the industries at Monticello, it failed.

From there, Isaac would move on to blacksmithing and, eventually, the nailery at Monticello.

"Little George" Granger, Isaac's older brother, trained him as a blacksmith. He excelled in the nailery, and was among Monticello's most efficient nailers. He would also work extra hours in the forge, producing items for pay, such as the chain traces he made for Jefferson in 1796, for which he was paid threepence a pair.

Isaac left Monticello when Jefferson's daughter, Maria, married John Wayles Eppes (October 1797.) Jefferson gave Isaac, his wife and children to the newlyweds as part of the marriage settlement. Shortly after, Isaac and his family went to Thomas Mann Randolph (Maria's brother-in-law.) Whether Randolph bought the family, or hired them, isn't clear. We do know though that the transaction took place because Randolph needed a smith. Isaac would stay with the Randolphs for the remainder of his time in bondage, possibly returning to Monticello with them when the Randolphs moved in to help President Jefferson in his retirement.

We don't know how Isaac gained his freedom, but he did. He left Albemarle in the early 1820s, continuing to ply the blacksmith's trade in central Virginia. By 1847, when his memoirs were taken down by Rev. Charles Campbell, he was still working the anvil as a free man of color in Petersburg, VA in his shop "...not far from the Pocahontas bridge." (Pocahontas Island was a village along the Appomattox River.) It was the Rev. Campbell who "gave" him the surname of Jefferson—there's no evidence that Isaac Granger ever used the Jefferson name himself.

Isaac Granger, a Virginia blacksmith, died about 1850 in Petersburg.

Resources:

- Monticello.org
- "Life of Isaac Jefferson," Rev. Charles Campbell, 1847. Digitized copy, encyclopediavirginia.org
- "Old Plats of Pocahontas," Library of Virginia, virginiamemory.com

Forge a Chain Trace

Chain traces, like those Isaac Granger forged for Thomas Jefferson for 3d each (about \$7 today) are a great exercise in forge welding. Isaac's chains were used to connect draft animals to carriages, but the same techniques are used for chains of any size, for any purpose—from locking a shed to barricading the Hudson.

The size stock you use really depends on application. For learning, about 10" of 3/8" stock is good. Square stock is a little easier when you're first trying this, but round works fine too. Take a heat, then bend the stock into a U shape. Remember to leave enough space to allow the other links to move freely within this one. Try to get the ends even, but don't stress if they aren't.

Scarf the ends. Start by upsetting them at an angle, then draw out a slight lip. Start with one end, then flip the link over to do the other. You want them to like



kind of like cupped hands that will interlock. Bend the ends so that they meet, making the link into an oval.

Brush the scale from the joint.

Heat the joint to a dull red, then flux the joint. I use borax, but whatever your preferred flux is, go for it. Slowly bring the heat up to welding heat. Keep the heat even by flipping the link over in the fire a couple times. You're looking for the link to look greasy, wet, and bright white. Don't burn it. When you get there, take the link to anvil, and quickly strike the joint with a medium weight blow—you don't need to hit it hard. Just a few whacks, then brush the joint, reflux and put it back in the fire. Repeat.

Now, make another link just like this. Then, make a third link—but before you close the ends to form the joint, slip your finished links onto the link in progress. Then make another set of 3. Then link these to make a set of 7. Finish the trace by adding another link on each end—but make these round, rather than oval.



Central Virginia Blacksmith Guild

1600 Valley Rd., Richmond cvbgboard@gmail.com

2019 Board of Directors

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Matthew Hanvey

Toolmeister

Dave Roehl



Meetings

2nd Saturday of the month - 9 am - 1 pm

In the News

Congratulations to Kevin Barry, Ted Banning, Bruce Manson, Tom Chenoweth, Bob Pennington, Matthew Hanvey and Dave Roehl, our 2019 CVBG Board of Directors.

Congratulations as well to **Jan Pavel Kovar**, winner of the 2019 CVBG scholarship!

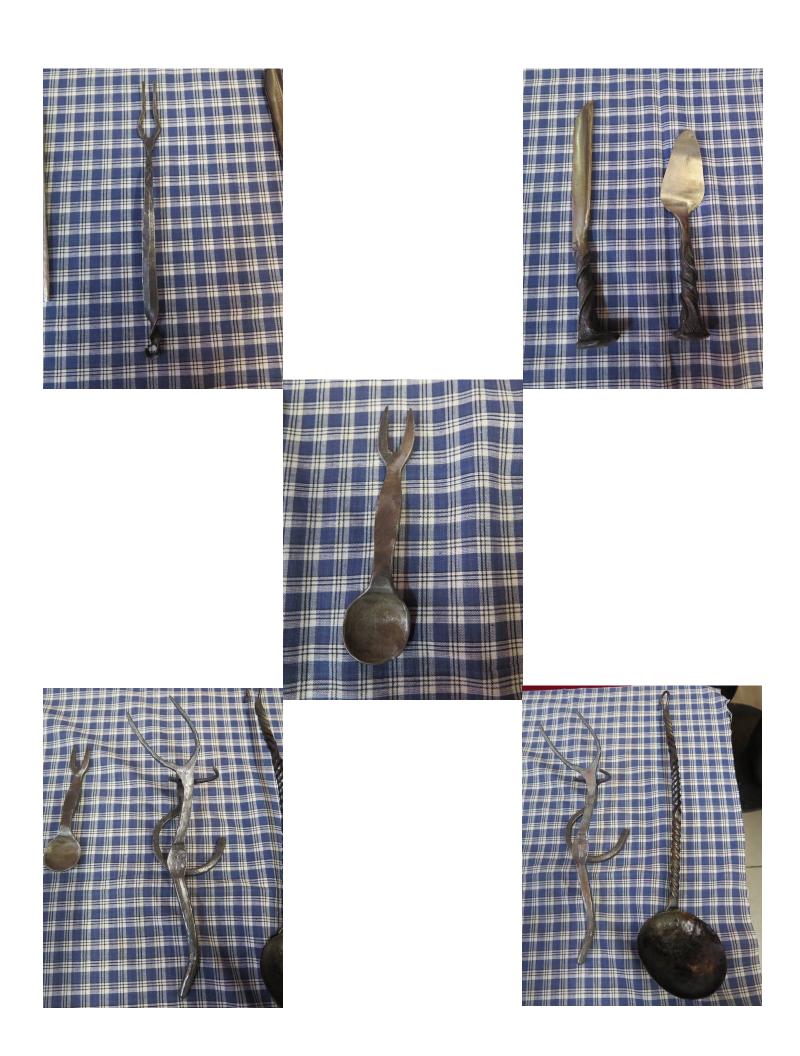


Below and following 2 pages: Utensils from the CVBG Christmas Gift Exchange



CVBG on the web





January CVBG Meeting—Phoenix Handcraft

Directions to 1607 Altamont Ave, Richmond

From the

West: I64E. Exit 78. Boulevard south (right). Right on Norfolk. Left on Altamont.

North: 195S. Exit 78. Boulevard south (right). Right on Norfolk. Left on Altamont.

East: I64W. Exit 78. Left on Hermitage. Right on Robin Hood. Left on Boulevard. Right on Norfolk. Left on Altamont.

South: I95N. Exit 78. Left on Hermitage. Right on Robin Hood. Left on Boulevard. Right on Norfolk. Left on Altamont.

Small yellow building (office) attached to a larger brick building (shop).

DO NOT PARK in the parking lot next to the building. Please find a place on the street nearby.

Open Forge at the Banton-Smith Center

Directions to 1600 Valley Rd., Richmond

From the

North and West: I-64 E (I-95 S) to the 3rd Street exit. At the light, turn left onto Jackson. At the next light, turn left onto 4th Street. Continue onto 5th street. At the light, turn right onto Hospital Street. Go down the hill, cross the tracks, turn left onto Valley Rd. The first building on your right is 1600 Valley Rd.

East: I-64W to the 5th Street exit. Turn right onto Jackson. At the next light, turn right onto 4th Street.

Continue onto 5th street. At the light, turn right onto Hospital Street. Go down the hill, cross the tracks, turn left onto Valley Rd. The first building on your right is 1600 Valley Rd.

South: I-95N to the 7th Street Exit. Go down the hill, across the tracks, turn right onto Hospital Street. Turn left onto Valley Rd. The first building on your right is 1600 Valley Rd.

Southwest Virginia Blacksmith Guild

swvabg@gmail.com

Serving Roanoke, Bedford, Blacksburg, Christiansburg, and all of southwestern Virginia

2019 Board of Directors

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Vice President

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Secretaries

Gabrielle Judy



www.swvabg.org



Kelley Whitmer with a piece forged after Josh's demo at the Nov. meeting—see page 13

Photo credit: Kelley Whitmer

Meetings

3rd Sunday of the month - 2 - 4 pm Meetings are held at either:

Great Road Craft Guild 1812 Big Spring Dr. Elliston, VA 24087

Or

Historic Smithfield Plantation 1000 Smithfield Plantation Rd. Blacksburg, VA 24060 (completely surrounded by the Virginia Tech campus)

In the News

Congratulations to, Joshua Langfitt, Eric Collins, Henry Bryant and Garbrielle Judy, our 2019 SWVABG Board of Directors.

Some great meets are planned in the new year! In January, we'll be taking a field trip to Larry Florin's place in Copper Hill. February we'll return to Smithfield, as Josh starts us off working through ABANA's Controlled Hand Forging curriculum. Then in March, back to Henry's for a coal forge building workshop. Trust me, you don't want to miss these! Bring a friend or two, too!



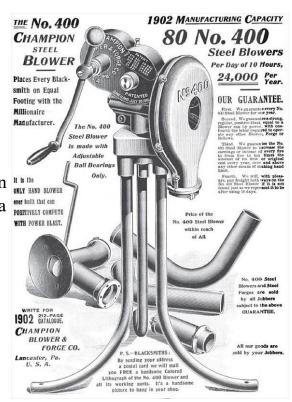
January SWVABG Meeting Field Trip to Larry Florin's Shop

Jan 20—1 pm (weather permitting)

We're hitting the road to check out Larry Florin's place in Copper Hill, VA. Larry does a lot of artistic work that's a fusion of metals and glass. We'll see what he does, and tour his amazing ironwork collection. He'll also share with us what he's learned about the business-side of being an artist. You don't want to miss it.

Meet at the Guild Hall Great Road Craft Guild 1812 Big Spring Dr., Elliston

At 1 pm. We'll caravan from there to Larry's place in Copper Hill.





February SWVABG Meeting Joshua Langfitt Demo at Smithfield

Feb 17—2 pm (weather permitting)

We'll return to Smithfield Plantation as Josh gets us started working through ABANA's Controlled Hand Forging curriculum! Come ready to hammer steel!

Historic Smithfield Plantation 1000 Smithfield Plantation Rd., Blacksburg





Joshua Langfitt forging a longhorn head hat hook at the November SWVABG meeting—in the wheelbarrow forge!

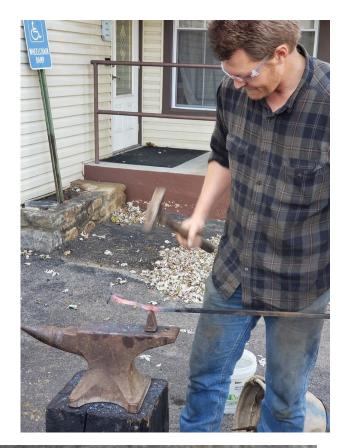




Photo Credit: Kelley Whitmer



Ironwork at the Daniel Boone Home

The Boone family are very well known to the blacksmithing community throughout America, but especially here in Virginia. Dan Boone VII has influenced the work and indeed careers of many of us, while Tom and Mike Boone, and Ben Davies are keeping the tradition going by creating outstanding work of their own. This photo essay, though, is about the work at the home of another member of the Boone family - the legendary frontiersman, Daniel Boone I.

Many of us have heard about Boones' exploits helping to settle Kentucky. What you might not know is that he spent the last year's of his life in the home of his son, Nathan, and Nathan's family in Defiance, MO (just west of St. Louis, in St. Charles County.) The home has been preserved and is open to the public, as are several other historic buildings that have been moved to the property. The work shown here is from throughout the village; I'm pretty sure they're all reproductions or interpretations of what might have been found in the period.

To learn more visit danielboonehome.com









The Nathan and Olive Boone home, final home of Daniel Boone





The home of Squire Boone, master gunsmith & Daniel's brother. Moved from its original location.



Regional Blacksmithing Events!

2019 Bill Gichner Memorial Hammer-In

January 11—13

Hutchison Brothers Farm, Cordova, MD

Demonstrator: Terry Sheriden

http://www.masasmiths.org/calendar/

Forging on the River 2019

April 5—7

The Metal Museum, Memphis, TN

Demonstrator: Alan Evans

https://www.metalmuseum.org/fotr

2019 Southern Blacksmith Association Conference

May 16-18, 2019

Lions Club Fair Grounds, Madison, GA

Demonstrators: Mark Aspery and Steve Parker

http://www.sbaconference.com/

31st Annual BGCM Blacksmith Days

May 17-19

Carroll County Farm Museum Westminster, MD

Demonstrators: Kevin Clancy and Patrick Quinn

Looking Forward Contemporary Blacksmithing and Metal Design Symposium

June 14-16

Bryn Athyn College, Bryn Athyn, PA
Featuring Maegan Crowley, Hoss Haley, Ana Lopez,
Jeff Goldstein, Michael Bondi, Leslie Noell, Vivian
Beer, Patrick Quinn, Dan Neville, Andrew Kyte and
Rachel David

Registration opens February 14 https://www.ironsymposium.com



April 27, 2019

ABANA Conference 2020



June 3—6, 2020 Saratoga, NY

REGISTRATION FORM

Mid Atlantic Smiths' Association 2019 Bill Gichner Memorial Hammer-In

Hutchison Brothers Farm 11006 Lewistown Road, Cordova 21625 January 11 - 13, 2019

The demonstrator this year is Terry Sheridan of Ontario, Canada.

Cost per person will be \$60. After 12-28-18 the cost is \$80 if room is available (call David Hutchison for availability at 410-310-3347). Sunday only price is \$20.00.

People are welcome to trickle in Friday after lunch. There will be a dinner on Friday at 6:30 pm with a business meeting after dinner. The event continues all day Saturday starting at 9am ending with a presentation after dinner. Sunday starts at 9am until the afternoon.

Meals include coffee and donuts for breakfast Saturday and Sunday, Friday dinner, Saturday lunch and dinner and Sunday lunch. Please bring items for display and the auction, which will be held on Saturday after the demo and before dinner. There will be no IITH due to space issues. Any one bringing a hand forged item for the auction and each person buying an item at the auction will get a ticket for a chance to win a 1 year membership to ABA-NA. The winner will be drawn after the auction.

Fill out this form and send it along with your registration fee to:

MASA

www.masasmiths.org

_		
Pat Harvey		
8341 Black Dog Alley		
Easton, MD 21601		
pharvey601@gmail.com		
410 - 822 - 2418		
Name	Phone	
Address		
City	State	
Please list the names of other p	persons attending	
Please check off which days yo Thank you:	u intend to eat meals at the even s	so we can have an accurate head count
Friday	Saturday	Sunday
Cost per person \$60.00, \$80 af	ter 12-28-18 X (number of people	e attending)=\$
Sunday Only \$20.00 X (number	r of people attending)	=\$
MASA Dues (\$10.00 per year)_		=\$
Total Amount Enclosed		=\$
Please Make Check Payable to	MASA or Mid Atlantic Smith's Ass	ociation.

VIRGINIA INSTITUTE OF BLACKSMITHING

200 W. 12th St., Waynesboro, VA 434-960-9718 vablacksmithing.org

Feb 9—10 — Pattern Welded Damascus

Feb 16—17 — Firetools for the Home

Learn how to create a fire poker and shovel that will last for generations. A great way to start your journey into the art of blacksmithing, this course is for the novice through the intermediate smith. If you wanted to start working on projects at home that require blacksmithing skills, this technique driven class is the one to take because not only will you leave with many techniques, but two useful tools!

Feb 23—24 — Build a Hatchet

Build your own hatchet! This course will cover forge welding, lamination, mechanical joining, and tool making. A handle will be provided so students can leave with a complete tool. This class is suitable for the ambitious novice or experienced beginner.

Mar 9 — 10 — Build a Knife — Kitchen/Chef

Learn to forge a knife in this two day, blacksmithing centered, knife making class! The first day, you will start on the forge and anvil where you'll be shown how to shape a knife blank with the hammer and anvil. The second day will be spent shaping and honing the knife blank on knife grinders into a sharpened tool. You will be provided with oak handle scales and copper pins to complete your knife. The goal is for you to leave with a finished, working knife. *This is NOT an ABS class!*

Mar 16 —17 — Floral Forms—Rose and Iris

Explore floral forms in steel. There will be a rose and, if time permits, an iris. Simple stems will be attached to the flowers to allow you to display your creations. This is a beginning level course suitable for novices including young (10 years old +) smiths. Techniques include: chasing, sheet metal shaping, dishing, and torch shaping.

Mar 23—24—Build a Helmet

Build your own helmet! Starting with a simple design, you can customize this helmet to your tastes. This is a beginning level course suitable for novices including young (10 years old +) smiths. Techniques include: cutting and building to a template, riveting, sheet metal shaping, offsetting, texturing and drilling, to name a few.

Mar 30—31—Build a Hatchet

Visit vablacksmithing.org for more information!

Coming Soon to the Banton-Smith Center!

March 16 & 17 - 9 a.m. - 5 p.m. - Smithing Made Simple CVBG Members - \$200

With Caitlin Morris

Discover the magic of moving hot metal! Learn the basic skills through simple and practical projects. Individualized instruction will help you feel strong, confident, and comfortable in the workshop. Open to all skill levels and abilities.

- **April 6 & 7 9 a.m. 5 p.m. Forged Fashion with Ellen Durkan** CVBG Members \$200 Class will focus on making something wearable. We will go over various forging, forming, riveting techniques. We will discuss design ideas and how to complete them, feel free to come with a design in mind or just sort it out as you learn new techniques and how to apply them. Class welcomes both beginners and advanced students.
- May 4 & 5 9 a.m. to 5 p.m. Blacksmith Boot Camp CVBG Members \$200

 Basic training for blacksmiths! You'll make several projects for the home, kitchen and workshop, all while being introduced to many of the most common techniques used in blacksmithing: drawing, upsetting, bending, cutting and punching, heat treating and forge welding. And you'll have fun doing it!

Other Sessions of Blacksmith Boot Camp:

July 20 & 21 • Oct 19 & 20

- June 22 & 23 9 a.m. 5 p.m. Creative Caffeine w/Caitlin Morris CVBG Members \$200 Get inspired! Focus on design, learn new techniques, and take your existing skills to the next level through a series of creative challenges based around a simple, functional project. Geared towards students with some experience, but all skill levels are welcome!
- Aug 17 10 a.m 2 p.m. Introduction to Blacksmithing CVBG Members \$25 Always wanted to try blacksmithing? Here's your chance! The class will cover the tools of the trade, safety, and basic techniques. This will be a hands-on class; everyone will go home with a completed project! CVBG members, your tuition will be applied to your 2019 guild dues.

Other Sessions of Introduction to Blacksmithing:

Nov 16

Banton-Smith Center for Blacksmith & Metal Arts 1600 Valley Road, Richmond

New events are added all the time! For more information on these or any other Banton-Smith Center events, visit facebook.com/BantonSmithCenter, or contact Jerry at bantonsmith.center@gmail.com or 540.872.3729

The Banton-Smith Center gratefully thanks...

Dick Smith, for the donation of pretty much his entire shop.

John Elliott, for the donation of the treadle hammer and bandsaw

Tom Chenoweth, for the donation of the bandsaw, drill press and belt grinder

Bruce Manson, for the donation of the desk, chalk board, and loan of the drafting table.

Bob Pennington, for the donation of the drill press.

CVB

	H#	M#
Street:	Email:	<u></u>
City:	State:	ZIP:
Analysis willing to heat a CVDC anthonius?	Vag Na	ABANA Mem
Are you willing to host a CVBG gathering?	Yes No	Yes
Are you willing to demonstrate for a CVBG gathering? Suggestions for CVBG demonstrations:	Yes No	No
Suggestions for CVBO demonstrations.		
Are you a: Professional Hobbyist Just interested	I Other	
Central Virginia Blacksmith Guild Liability Release Form		
Signature RETURN COMPLETED FORM TO- CVBG Karen Smart 2705 Buckhorn Hills Maidens, VA 23102	utions.	Date DUES= \$25
ABG Membership Application	Home#	Cell#:
	Home# Email:	Cell#:
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Name: Street: City:	Email: State:	1
Street:	Email: State: in the craft of blacksmithing, responsible in the event of an encerning blacksmithing or m demonstrations and will do the responsibility of taking the	Zip: will not hold the Southwest Virgory accident or injury incurred duetalworking is occurring. I am avecase. I am aware also of the possibne necessary steps to protect my

RETURN COMPLETED FORM TO-

SWVABG 6585 Stoneskeep Lane Elliston, VA 24087

DUES= \$5

make check payable to Henry Bryant

Marketplace

Lincoln ProCut 60 plasma—\$850

I'm selling a Lincoln ProCut 60 plasma cutter \$850.00. It's in excellent condition with only a little damage on the ground clamp. The ProCut uses a standard 220V 60 amp dryer plug in. It comes with extra consumables. (This is not a 3-phase model!)

Eric Collins—Blacksburg, VA dacolli1@gmail.com

YESTERYEAR FORGE

www.yesteryearforge.com





The Virginia Blacksmith is a joint publication of the Central Virginia Blacksmith Guild and the Southwest Virginia Blacksmith Guild.

Editor: Jerry Veneziano Assoc. Editor: Erin Mitchell

The Virginia Blacksmith 858 Old Apple Grove Rd. Mineral, VA 23117