

# THE HOT IRON SPARKLE

NEWSLETTER OF THE NORTH CAROLINA ARTIST-BLACKSMITH'S ASSOCIATION OF NORTH AMERICA



Volume 33 Number 2

Second Quarter 2014



*Tom Willoughby Forges a Tree Branch at the NC ABANA Quarterly Meeting at Oak Hill Iron*

## Inside This Issue

A Message from our President	2	Southern Foothills Blacksmiths	6	All Fired Up! with Roberta Elliot	13
NC ABANA Reports	3	Triad Area Blacksmiths	8	Tong Making Class with Peter Ross	18
New Members	4	<u>Event Reports</u>		From the Shop of Samuel Yellin	19
<u>Regional Reports</u>		NC ABANA Meeting at Big Blu	9	Creating Decorative Bolts & Rivets	27
Wilkes Teaching Forge	6	<u>Featured Articles</u>			

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Submissions to THE HOT IRON  
SPARKLE can be made to:  
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## A Message from our President

Greetings from all too soon summery Wilkes County! With the late spring I have a bumper crop of brambles and just finished fruit pruning the blueberries. The black raspberries are prolific.

The chapter was well represented at Fire on the Mountain April 26th in Spruce Pine, NC. We hosted the Finial Contest winners and had a general information and sales area. Thanks to John Matthews for help with set-up and tear-down as well as booth tending and to Garrett Dunn for booth sitting. We greeted many old members too numerous to mention and hopefully raised interest for some new members. We look forward to this event next year.



Questions have been raised about our liability insurance. The chapter maintains a general liability insurance policy which covers our activities at the NC State Fair, our quarterly meetings and all of our regional meetings. This covers the chapter. Individual smiths that are asked for insurance coverage for specific events are not covered by this policy and may wish to obtain individual policies for themselves with event specific riders. A summary of this can be found in the treasurer's report.

Look to the report from our VP, Garrett Dunn for news on our latest Scholarship applicant. This is a new category established by the Board to assist aspiring students and will go a long way towards meeting our mission.

The blacksmithing world was saddened at the recent loss of Charlie Orlando from Belmont NY. Charlie was a long time Folk School instructor and his Beginning Blacksmithing class was highly recommended for anyone getting started in this trade. He was a true renaissance man, teaching knitting and tin can art, a banjo afficiando and scrabble master. He served on the ABANA board and was instrumental in the national meeting at Alfred, NY. My basics class at JCCFS is filled with Charlieisms and my handout notes are graciously plagerized from his. My fire rake was made by Charlie as a demonstration piece while I assisted him in a forge welding class and I get to touch his hand every time I forge.

I am continually grateful to our current board of directors as their work and dedication makes my job easier.

Hit it the hardest when it's the hottest!  
Lyle Wheeler, President NC ABANA

## Join NC ABANA

Annual dues are \$25 (inside USA), \$35 (outside USA). Make check or money order payable to NC ABANA and send it to:

NC ABANA c/o J. Phillips  
97 Trinity Ridge Lane  
Banner Elk, NC 28604

For more information email: [northcarolina.abana@gmail.com](mailto:northcarolina.abana@gmail.com)  
or visit the NC ABANA website: [ncabana.org](http://ncabana.org)

## NC ABANA Reports

### Treasurer's Report



Recently I have received a couple of questions on liability exposure from members wishing to do public blacksmith demonstrations. NCABANA maintains a general liability policy to cover the organization for our activities at the NC State Fair, our quarterly State-wide meetings as well as local group meetings.

One member asked if NCABANA could hire someone to create a general liability release form with focus on specific North Carolina State laws, so that NCABANA members could have an official liability release form to use.

A second member asked if the NCABANA liability policy could cover a demonstration at a school. Our insurance agent confirmed NCABANA is covered for public demonstrations under the existing liability policy. The agent also recommended individual members should also have their own general liability policy. (If an injury occurred, the plaintiff's lawyer would likely seek damages from NCABANA and the individuals.) Our insurance agent added, if NCABANA anticipates having a special event or conference with a large crowd (1000+) especially children that a specific event policy should be discussed with the agent. In addition, the agent suggested working with small school aged children may raise other concerns that should be discussed. A rider or policy to address potential sexual misconduct or molestation coverage is available and is not currently on the a part of our liability policy.

The Board of Directors will need to take these topics up at a future business meeting. If members have additional questions or concerns please contact Jim Kennady or Lyle Wheeler.

Jim Kennady, Treasurer of NCABANA

Business Checking Account	2014	2014
	YTD	Budget
Dues	\$3,010	\$5,875
Heritage Forge Net	\$ -	\$2,800
SBA Madison Conference Net		
Newsletter Printing and Postage	-\$529	-\$2,390
Newsletter Editor Fee	-\$300	-\$1,200
Insurance	-\$1,460	-\$1,500
State Wide Quarterly Meetings	-\$920	-\$1,000
Other	-\$601	-\$100
Net	-\$800	\$2,485
Balance	\$15,064	

Money Market Account	2014	2014
	YTD	Budget
Income	\$758	\$1,560
Scholarships	\$ -	-\$1,400
Net	\$758	\$160
Balance	\$5,422	

## Secretary's Report



The business meeting of the NC ABANA chapter was held at the first quarter chapter meeting at Oak Hill Iron in Morganton, NC on March 22nd, 2014. The meeting was led by Vice President Garret Dunn.

The Iron-in-the-Hat raffle held at the meeting raised \$758 for the NCABANA scholarship fund.

A few positions are currently open in the organization including a representative for the Southern Blacksmiths Association bi-annual conference in Madison, GA. The next SBA conference is in 2015. Any member who would like more information on volunteering to represent NCABANA at the next SBA conference or on becoming a local chapter leader can contact President Lyle Wheeler or Secretary Jennifer Phillips.

Jennifer Phillips secretary for NC ABANA at [northcarolina.abana@gmail.com](mailto:northcarolina.abana@gmail.com).

## New Members

Allan Neuenfeldt	Hampstead
Benjamin C. Reavis	Boonville
Christian "CJ" Magro, Jr.	York, SC
Christopher McKeen	Raleigh
Dannie Bingman Sr.	Liberty
Darryl W. Brown	Stony Point
David Billings	Lewisville
David Fenner	Roan Mountain
Greg Ainslie	Charlotte
Henry Bunn	Apex
Jacob Gore	Selma
Jacob King	Franklinton
James Burdorf	Durham

Jared Dahl	Charlotte
John Charvat	Asheboro
Joseph E. Whitford	Ernul
Leo Nailor	Huntersville
Matthew Morin	Cleveland
Michael Vickery	Hampstead
Mike Poythress	Trent Woods
Richard "Rick" Earl	Greensboro
Rod Bates	Cedar Mountain
Roger Sandvik	Durham
Steve Guilmette	Concord
Zach Smith-Johnson	Boone



### Tool Steel for Sale

After supplying the materials for a recent tire hammer & tool build, I am now offering competitively priced tool steels to the local blacksmithing and horseshoeing communities. I have a small inventory of S-7 and H13 rounds in stock. Other sizes, shapes, and tool steel types can generally be delivered in about a week.

Contact *Walt Beckwith* for a quote or more information c/o

Woods Edge  
3745 Swarthmore Rd.  
Durham, NC 27707  
1-919-309-5667 or by e-mail at: [wbeckwith@mindspring.com](mailto:wbeckwith@mindspring.com)

### Forging Colonial Ironwork

Jerry Darnell's new book *Forging Colonial Ironwork* is finally here. It is a compilation of over 22 years of teaching notes at John C Campbell Folk School and various conferences throughout the US. The book is about 120 pages both sides and divided into 4 chapters; Colonial Lighting, 18<sup>th</sup> Century Hearth Equipment, Early American Hardware, and Hooks and Hangers. There is a mix of 63 different projects from simple to advanced.

The cost is \$20.00 plus 6.75% tax and \$10.00 for shipping and handling. Order by phone, e-mail or visit the salesroom M-F from 10 to 5 and on Sat. 9:30-5.

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

Mill Creek Forge

Jerry Darnell

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E-mail [forge\\_on@rtmc.net](mailto:forge_on@rtmc.net)

Phone: (910) 464-3888 (Shop)

(910) 464-2636 (House)

## Opting Out

NC ABANA is going to publish the full list "Hot Iron Sparkle" newsletter to help connect members across the state. We are going to include members' name, phone number, city, and state.

If you would not like your information published, please contact Jennifer Phillips before July 31<sup>st</sup>, 2014. Her email is [northcarolina.abana@gmail.com](mailto:northcarolina.abana@gmail.com) and address is 97 Trinity Ridge Lane, Banner Elk, NC 28604.

## Regional Reports

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### Wilkes Teaching Forge

Report from Lyle Wheeler

The Wilkes Teaching Forge has met consistently the past 3 months.

Our March meeting was held at the Wheeler Forge and Blaine Johnston was welcomed as a new member. We all helped Blaine make his first hook. Lyle demonstrated a punched and drifted hanging hole for a new cooking trivet he is making. Dudley demonstrated a leaf key fob he is learning. David Baker will once again demonstrate at Old Fashioned Day at Stone Mountain State Park in October.

Our April meeting was held at the Wilbar Forge and hosted by Gary Roath. William Wheeler was a special guest and demonstrated a bean end on a piece of 3/16 X 3/4. Lyle demonstrated a lid lifter similar to the one described in Jerry Darnell's first book from 3/8 round. David Baker made 2 bottom tools for veining and showed their use. John Freas discussed coat hooks made on a bending jig and David showed pictures of a garden flag holder he had made. Announcements for the Q2 and Q3 meetings were made.

Our May meeting was held at the Wilbar Forge and hosted by Gary Roath. New members W. Clegg Scroggs III and W.C. Scroggs IV were welcomed and we all helped W.C. make his first hook under Dudley's tutelage. Gary and Lyle worked on a cooking spit from 3/4 round. John Freas continued work on a wood gouge, mostly grinding a profile and bevel edge. David Baker reported on his opportunity to demonstrate weekends at Ghost Town in the Sky in Maggie Valley, NC this summer.

### Southern Foothills Blacksmiths

Report and photos from Ray Clontz

We have been having a good turnout for our meeting, usually 25 or more. As usual, members work on their own projects with help of members that have experience with the items being made. Seems like there is a lot of interests in knives and tomahawks. We have a lot of the members that can help with the forging as well as the grinding and heat treating. We have been following the work of Avery Pierce on the Damascus hawk he forged from roller chain. I have included pictures as the work progressed.

We want to thank Steve Barringer for hosting the once a month meetings. We are very fortunate to be able to hold our meetings in a shop with so much blacksmith equipment and tooling.



*Steve Barringer instructing a newbie on drawing out a taper*



*Brian Swink working on an adz that he forged out of a claw hammer*

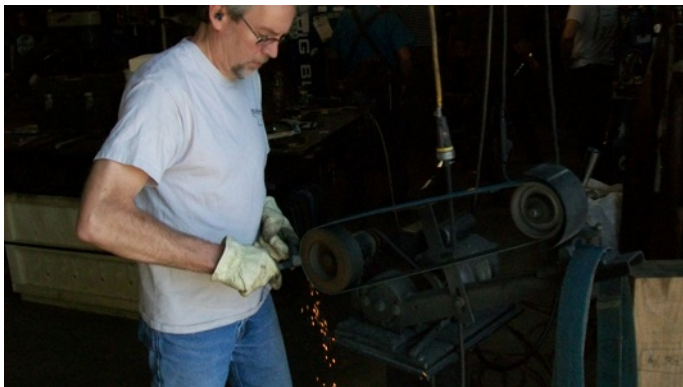




Aubrey Pegg with a cup holder she just forged



Butch Silver helping a new member make a railroad spike tomahawk



David Stitt grinding on a knife he had just forged



The tomahawk that Butch Silver and the new member forged



Julie Stitt drawing out the blade of a railroad spike knife she forged- She did a very good job with the rope spring swedge on the handle



Avery Pierce and Dan Tito working on a rounding hammer that Avery was forging



Avery's Damascus hawk forged from double row #60 roller chain with the new handle that he has been making



## Triad Area Blacksmiths

Report from Marshall Swaringen

In March we had our Saturday meeting at the Crews Ironworks, hosted by Larry and Darlene Crews. In the past this has always been one of our biggest events and this year was no exception.

The day got off with Billy Phelps doing a tong demonstration followed by lunch which was BBQ and all the fixings plus desserts. Then the rest of the afternoon was spent working on personal projects or just talking to friends. No matter what you did – it was a great day.

Our thanks go out to Crews Ironworks (Larry and Darlene Crews) and all that helped make this a “yearly NOT to miss meeting event.”

Our smiths have already participated in several events in our area, getting out, working and promoting the craft.



Larry Crews



Billy Power Hammering



## Event Reports

### NC ABANA Meeting at Big Blu

Article by Doug Wilson, photos by Doug Wilson

NC ABANA's first meeting of the year was held at Oak Hill Iron in Morganton, NC; home of Big Blu Hammers. Turnout was large from NC and across the mid-Atlantic states. Facilities and hospitality from Dean Curfman was excellent as usual.

The demonstrator was Tom Willoughby farrier and artist blacksmith of Willoughby Forge and Studio in Crown Point, Indiana. Tom demonstrated forging of a tree and one of his signature anvil vultures to lurk on it.



*The start of a tree trunk*



*Branch forged under the power hammer using texturing dies*



*Bending a branch to give it life*



*The tree is welded together. The tree trunk and vulture are both textured with MIG bead*





The completed tree



Time to add eyes and a mouth



Finishing the neck



Checking the vulture head against the design sketch



Using a chisel to add tail feathers; Roy Bloom (left) and David Farley (center) assist





The finished tail feathers



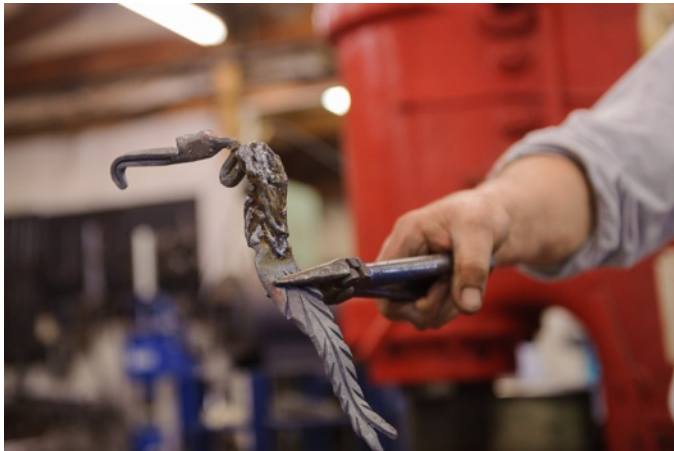
The anvil vulture in its native habitat



Adding the vulture hooked nose



Was this a self-portrait?



The complete body with MIG weld decoration on the back



*The finished piece which was auctioned to raise money for the NC ABANA scholarship fund*





## Featured Articles

### All Fired Up! with Roberta Elliot

Scholarship Report from Paul Tooley

I have been an active member of the Triangle Chapter of NC ABANA for seven or eight years now, and for several years I have been hearing about the scholarship program. In fact, I have been told by several of the other smiths in the group to apply for it. I finally summoned the will and applied, and, much to my surprise was granted a scholarship. I decided two things; I wanted to take a beginners-level class, and I wanted to take my class at the John C. Campbell Folk School, in Brass-town, NC.

My desire to take a beginner's level course stemmed from the fact that, while I can generally swing a hammer and know a little about the craft, I have never really learned what I have always considered some of the most basic skills of blacksmithing, like punching holes, slitting, drifting, and forge-welding. Also, I have never really been comfortable working with coal (just ask any of the smiths that I have worked with at the Heritage Forge over the years). After poring through the JCCFS catalog looking for a beginners level class that wasn't just hooks, I happened on the class offered by Ms. Roberta Elliot. The description of her class was very simple and included "After learning the basics of forging and forge welding, ...", which seemed to fit the bill. I went to Roberta's website, [www.velvethammerltd.com](http://www.velvethammerltd.com), and liked her style of organic-looking designs.



*Paul at His Designated Forge at the Folkschool*

Day zero (Sunday night) started with all of the people attending the school for the various classes gathering in the great room in Keith House for a general explanation of the area, then sent each of the classes off to meet our instructors. We got to meet Roberta Elliot and her assistant-for-the-week, Seth, and they gave us a tour of the Francis Whitaker and Clay Spencer blacksmith shops. We picked our forge for the week, adjusted anvils, chose tools (hammers, tongs and whatever we thought we would need) and were given a general safety class, then sent "home" for the night.

Day one in the class started with an introduction to all of the various tooling available and needed for blacksmithing, as well as starting, feeding, managing, banking and extinguishing a coal forge. Several of the students had the privilege of doing this more than once before lunch. After everybody had their fires going, we learned the very basics of hammer control and the manipulation of heated metal. The rest of the day was focused on making simple hooks with and without decorative treatments like twisting.

Day two started with making a slightly more involved garden hook with the main bend on the diamond. We then learned "dishing" and made flux spoons, in preparation for the next day and forge welding.



*Paul's Hooks and Plant Hangers*

Day three was dedicated to forge welding. We started with making a handle for a fireplace poker, then making the poker itself. We had several discussions on different types of welds, and got to work on them. By the end of the day, I had made three handles, for a complete fireplace set, along with several other items.



*Twist for Poker Handle Ready to Forge Weld*



*Roberta Elliot Prepares to Demonstrate*



*Poker End Forge Welded*



*Roberta Forge Welds a Candelabra*



*Finished Poker and Fireplace Shovel*

At the end of the day, Roberta demonstrated, to the class, one of her “simple” candelabras , that included forging 3/4 inch pipe into candle cups, forge welding them onto long, tapered rods, welding the three into a bundle, then finishing the candelabra. It is always fascinating getting to watch an experienced smith work “at speed”. It is amazing how rapidly the work flows.



*Shaping the Candelabra on the Horn*





*The Finished Candelabra*

Day four was an introduction to the use of power hammers. The shop was equipped with a tire hammer, a little giant, a couple of Big Blu air hammers, and a Say-mak self-contained air hammer. We learned how to use all of them, and I had to stop myself from getting spoiled or addicted to using them, as I do not have one at home; someday maybe, but not yet. After lunch, Roberta switched things a little and showed us how she makes vases for flowers out of 2-inch (+/-) steel tubing. After she had demonstrated this technique, she gave everybody access to more tubing and challenged anybody who wanted to, to make a vase. The design she showed us is open at each end, with the top drifted to fit a normal 1-inch test tube. This holds the water and the flowers.



*Starting Form for a Pipe Vase*



*Roberta Demonstrates Pipe Forging on the Power Hammer*



*Paul and his Finished Vase - Well Done!*

Day five was spent putting finishing touches on any projects that needed it, cleaning the shop and each of the individual forges, and putting all the tools away. Then it was off to the Keith House to set up for the grand finale display, where all of the different classes display what they had learned. With the blacksmithing class, each of the students displayed their favorite/best pieces.

For me, a typical day started with Morning Song before breakfast, then on to the shop, hammer until lunch, lunch, hammer until dinner, then dinner. After the first day, Roberta's assistant Seth offered to keep the shop open in the evenings after dinner for anybody that wanted more hammer time. At different times throughout the week, pretty much all of the students made use of this extra time, myself included. Morning song was not at all what I expected and was different each day. It consisted of different artists and people from the school playing music and telling stories, and was a great way to get started. The walks to and from the shop were welcome, and I was able to get in a couple of miles of walking in each day.

About the Folk School itself; if you have never been, it is well worth it to visit the school. The people are amazingly friendly

and the setting is very peaceful. Life seemed to just slow down out in the mountains. While there are many, many options for staying there, from simple tent camping, to RV-ing, dorm-style rooms, all the way up to Bed-and-Breakfast style living. And that is just on-site. There are campsites and hotels within a short drive from the school. I stayed in one of the dorm rooms at the Keith House, which is pretty central to the school. It was a very short walk to the dining hall, and less than half a mile walk to the blacksmith shop.



*Keith House Dorm Room*

If you choose to eat at the dining hall, I suggest that you go hungry. The food is all amazing and varied. They can meet any food requirements you may have and, again, the food is amazing. I will warn you that the blacksmithing students have a reputation for hunger at the school. In fact, on day zero, when all the different students were asked what classes they were attending, the rest of the students were openly warned that the blacksmith students were going to clear out any "extra" food. This ended up being the case, in fact at one meal I shared the table with four ladies that were doing rug-hooking, and I went away well sated. The meal was a lunch of blackened shrimp over a healthy salad, with sides. The tables' seat eight and it was just the five of us. The ladies were all "eating light" and left the rest to me. There were no leftovers. Surprisingly, or maybe not, I did not gain weight during the week.

All in all, I would not hesitate to go again, if given the chance. I would strongly urge anybody that has entertained the idea of going to go. I would just as strongly urge new members to apply for the scholarship offered by NC-ABANA and use it to go to the folk school for a beginner class. It is well worth it, and the lessons learned will last a lifetime. Thank you NC-ABANA. for affording me the chance to go.

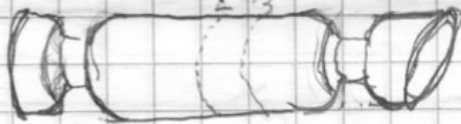


Pipe Vase by Robert Elliot 03-12-14 at JCCFS  
 materials gasfree works best for this

- Pipe 2" ± Sch 40 or a little lighter if possible  
 cut approx 12" square on one end, at angle at other  $25^{\circ}$ - $40^{\circ}$



- Using well rounded fuller die, neck down both ends approx one inch, tapers the top around a 1" bar/drift to fit a test tube



- Using a flat top die and modified bottom tapers, tapers from the base towards the top, stopping between  $1/2$  and  $2/3$  up



Unless power hammer control is excellent, finish the top and bottom transition by hand

- Working on the horn, broaden, flatten, and taper the top and bottom out (I prefer doing top then bottom). final necking should be done with drift in open



I hammer the top to look "flowery" and smoothly flatten the bottom on a flat surface (table or anvil)

- finish to suit, slide test tube in, add flowers

## Tong Making Class with Peter Ross

Scholarship Report from Amy Hinson

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Peter Ross Demonstrates the Steps As Amy Looks On



Turn Left on Far Edge to Shape the Back of Bolster



The Progression - Forge the Blade on Near Edge



Amy Forging Her Tongs



Turn Left on Far Edge to Form the Front of Bolster



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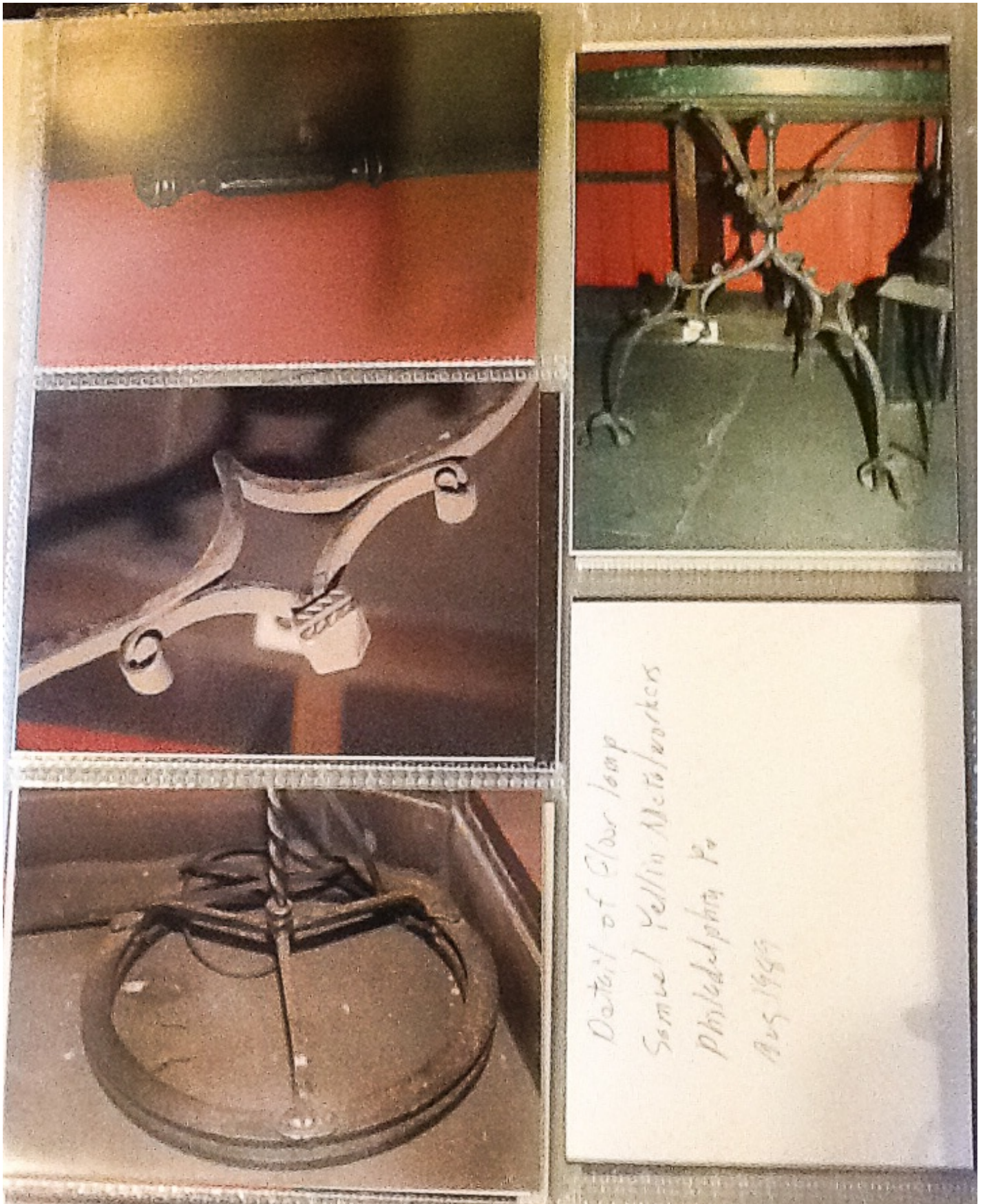
## From the Shop of Samuel Yellin

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Recently, I received a CD of images from Clay Spencer. On that CD, were over 2000 photos of works from Samuel Yellin's shop. These had been taken in the early 1970s by Jeff Graves who was apparently working for a summer with George Dixon in the last days of the Samuel Yellin Metalworks shop. The quality of the photos is not always the best. However, they are in many cases the only available documentation of Samuel Yellin pieces



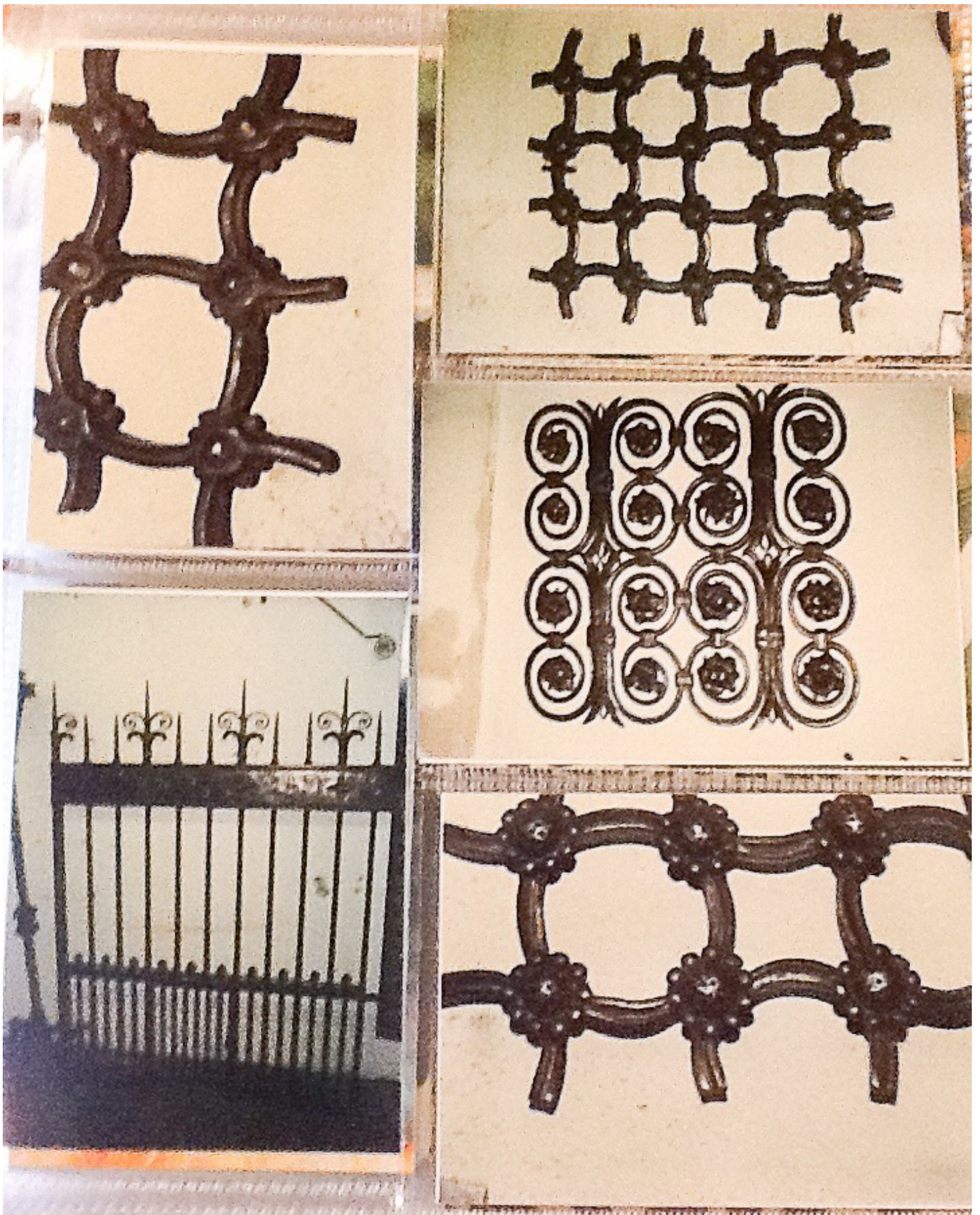


























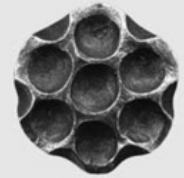






## Decorative Bolts & Rivets

by Paul Mills, Victoria, Australia



Forge my own bolts and rivets? "Why would I want to do that?" you ask. While it's true that ordinary bolts and rivets are readily available, this utilitarian joinery can be used as decorative elements in your forge work.

Decorative bolts and rivets can add a special finishing touch to your handcrafted metalwork and set your work above all those around it. Surely a few nice decorative bolt heads would look better holding your hand-forged hinges onto the doors of St. Paul's Cathedral than a handful of hex bolts from the local hardware.

It is one of those things that look great, especially to the lay person, without being overly complex to achieve. All of the decorative effects seen here were created with just a few simple tools. The number of patterns and designs you can create is limited only by your mind and ability to make your own tools. As a smith, making the tools is something you can easily do, so why not try your hand at a few fancy bolts or rivets?

### Tools Required

#### Heading Bolster

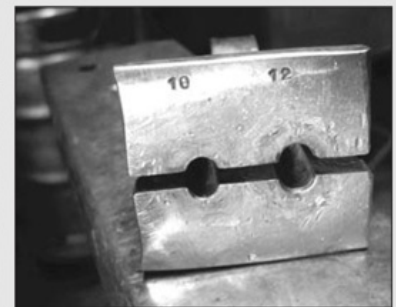
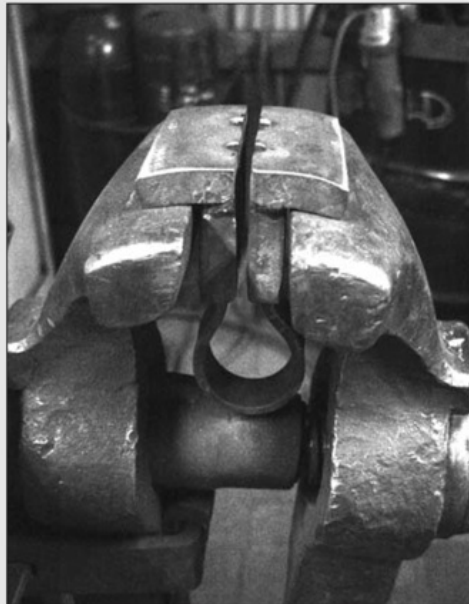
The one I have made is a spring-type bolster for mounting in a vice. You can also use a simple piece of plate steel with holes drilled in it to fit the size stock for your bolts/rivets for use on the anvil. **Hint:** Drill the holes on the centerline of the block and then cut the block along the centerline.

#### Chisels and Punches

These are largely dependent on the design you are trying to achieve: straight cut, half-round, eye punches, teardrop, fullers, etc. The size

of the tools depends on the size of your work. You can easily get away with just a few tools if you work on the same scale each time. If your tools are made from good material and properly heat-treated, they will last you a lifetime, so look after them – keep the job hot and the tool cool!

The following can be said for all forging projects: You must have a clear plan of the job you are going to produce and the steps required to produce it before lighting your fire – at the very least a well thought out plan and design in your head but preferably a clearly drawn design on paper, preferably to scale.



Having a full-size drawing enables you to check your available tooling and to establish, well before the time comes to hit hot metal, if you need to make any more tools or jigs to produce the job.

**Remember:** Work smarter, not harder.



# Creating Decorative Bolts & Rivets

## Method 2



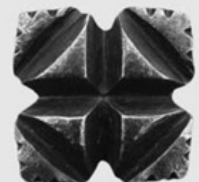
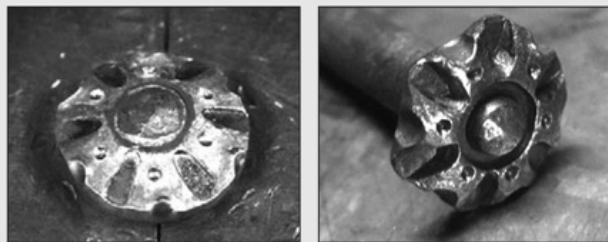
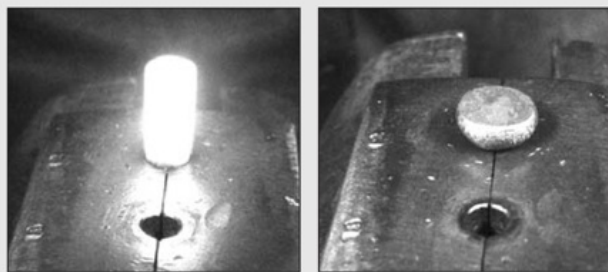
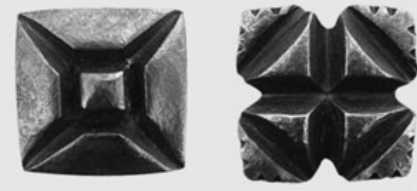
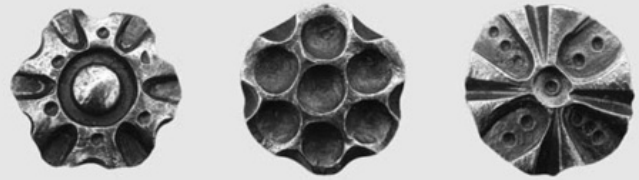
### Round Heads

*(shown is 20mm round bar)*

1. Take a short (40mm) heat on the end of the bar and drop into the heading bolster, leaving approximately 30mm protruding. This will give you a bolt head of about 25 x 25 x 5mm in size.
2. Forge the head down evenly, check for alignment and correct on the anvil if necessary.
3. Repeat steps 1 and 2 until desired shape and size are achieved. Leave bolt to cool.

*(Time to make another!)*

Follow procedures from Method 1, Step 7 to complete your decorative bolt/rivet. ♣





# BLACKSMITHS DEPOT



**Anvils**



**Gas Forges**



**Tongs**

**Professional Quality Tools for the Blacksmith  
Wide Selection**

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I have a source for metal barrels with lids and easy open latches for \$25.00 each should you want to keep the barrels.

Amos Tucker cell - 252-289-7317  
8172 Renfrow Rd.  
Kenly, NC 27542



## Local Group Meetings

### Triad Area Blacksmiths (Winston-Salem, NC)

Marshall Swaringen  
[marshall@swaringen.com](mailto:marshall@swaringen.com) (336) 998-7827

1<sup>st</sup> Tuesday at 6:30PM for demos  
 3<sup>rd</sup> Saturday at 9AM for business and all day forging  
 Dixie Fairgrounds, Winston Salem, NC

### Southern Foothills Blacksmiths ( Mooresville, NC)

Steve Barringer  
[steve@powerhammerschool.com](mailto:steve@powerhammerschool.com) (704) 660-1560

2<sup>nd</sup> Sunday each month

### Triangle Blacksmith Guild (Raleigh - Durham, NC)

Randy Stoltz  
[rhstoltz@gmail.com](mailto:rhstoltz@gmail.com) (919) 481-9263

1<sup>st</sup> Saturday in even # months at various locations

### Brasstown Blacksmiths (Brasstown, NC)

Paul Garrett  
[pdg86@hotmail.com](mailto:pdg86@hotmail.com) (828) 835-8441

1<sup>st</sup> Tuesday in even # months; 5 to 8 PM

### Wilkes Teaching Forge (WTF) (Millers Creek, NC)

Lyle Wheeler  
[ncchairmaker@gmail.com](mailto:ncchairmaker@gmail.com) (336) 838-2284

2<sup>nd</sup> Tuesday of each month, 7:00 PM

### Blue Ridge Student Blacksmith Guild (Flat Rock, NC)

John Matthews  
[john.knox.matthews@gmail.com](mailto:john.knox.matthews@gmail.com) (828) 645-2109

You are welcomed to attend any of the local group meetings.  
 Please contact the host to confirm date, time and location.

## NC ABANA Meetings

### 4<sup>th</sup> Quarter 2014 – November 1; Hammer-in Oct 31

John C Campbell Folkschool  
 Brasstown  
 9am to noon, lunch and auction to follow

### Additional 4<sup>th</sup> Quarter 2014 – November 15, 9am

Peter Ross' Shop  
 2232 Whitesmith Rd.  
 Siler City, NC  
 9 am

## Other Events

### Dixie Classic Fair

Winston-Salem, NC  
 October 3 - October 12, 2014  
[www.dcfair.com](http://www.dcfair.com)

### North Carolina State Fair

Raleigh, NC  
 October 16-26, 2014  
[www.ncstatefair.org](http://www.ncstatefair.org)

For the most current meeting and event information go to the NC ABANA website,

**[ncabana.org](http://ncabana.org)**

# North Carolina Artist-Blacksmith's Association of North America



## **THE HOT IRON SPARKLE**

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