

Hot Iron News



THE VOICE OF THE NORTHWEST BLACKSMITH ASSOCIATION

Second Quarter 2013





Northwest Blacksmith Association

"To promote and preserve the Art and Craft of Blacksmithing while building friendship and good will."



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NWBA Website: www.blacksmith.org

For NWBA correspondence or membership, or to change your address (must be in writing) send to:

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Annual dues: \$45 (foreign, \$50)
Dues include quarterly subscription to Hot Iron News.
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ON THE COVER



Freddy Rodriguez Animal Heads
photo courtesy Doug Wilson
@ABANA 2012 Rapid City SD

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DON'T MISS WESTERN STATES CONFERENCE 2013

August 22-25, 2013
Government Camp, Mt. Hood Oregon

Lots of hands-on classes, Knife Forging Tent, Blacksmith Wars, Farriers Competition, Gallery and Auction and more!

Featuring:

Maria Cristalli, Cle Elum WA
Freddy Rodriguez, Columbia SA
Richard Sullivan, Gun Smith, Williamsburg VA
Jon Laubach, Gun Smith, Williamsburg VA
Bob Kramer, Knife Maker, Olympia WA
Michael Bondi, Richmond, CA
Rick Smith, Carbondale, IL

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Sitting on the Tail Gate with Bill...

Hello Blacksmiths,

We have had another Spring Conference come and go. Thanks to everyone who helped in any way. Special thanks to Dean Mook, conference host and our great demonstrators, Alec Steele and Berkley Tack. And on that note, THANK YOU to everyone that came to the conference! We need you to come to these events to keep having them. Member support is very important to keep all of this going.

Next stop, Western States Blacksmith Conference. Put it on your calendar August 22-25 2013, Government Camp Oregon. We will have a great line-up of blacksmiths, knife makers, gunsmiths and farriers. Come down and check it out. Your participation is what keeps our conferences going. 2011 Western States Conference was a huge success (with a big help from smiths outside of our area, 1/3 of the attendees were non-NWBA members). Let's make a big show in 2013 of smiths from the Northwest, and make Western States another great success.

This will be an excellent time to see demonstrators from all over the country. These will be very skilled individuals, so do not miss this opportunity to see this event. There will be another Blacksmith Wars, a definite must see. We will have some very talented smiths working to win the prize money and bragging rights as winner of Blacksmith Wars. They will be using all of their tricks to win, so pay special attention. It will be a great battle of Blacksmithing On the Mountain... be there!

We have some good news. We have gotten two grants. One member's employer has a matching fund for his time spent volunteering. This money will be used for our Education Center, (i.e. Mentoring Center). Funds will go to pay for monthly demonstrators, reaching

out to groups that may be interested in blacksmithing, and paying for our venue. The Boy Scouts of America are on our support list again this year. The goal is to use this money for education not administration, in support of our non-profit status. We also have no idea if we will get grants from these sources in the future. We would like to give a special thank you to all who made the grants possible; Betsy Priddy of Wichita Falls Community Foundation, Simpson Tacoma Kraft, and Tracy Lauricella on behalf of Microsoft. We plan on doing everything we can to keep this happening.

Next stop, Western States Blacksmith Conference. . . Come down and check it out. Your participation is what keeps our conferences going.

Now we come to a problem that has had your Board of Directors thinking long and hard... conference fees. We ran on a very tight budget this conference and still spent more than we received in fees. This is a trend that has been going on for quite a while. We were very close to making the budget with conference fees, but still fell short. Auction money is not intended to bridge the gap. That money should be used to supplement the library, teaching grants and outreach. This is where member participation comes in. This was one of the reasons that we chose the Longview facility, COST. We have hesitated to raise prices because of the economy, but we still

have to pay the bills. The conference has to pay for itself from its own fees. Bottom line, we have to raise the conference fees. The new single member fee is \$85.00 and family \$130.00. This is a big new step. We will go to one conference a year but we will beef it up. It will be held in the month of June. This will be a Thursday, Friday, Saturday, Sunday event. Possibly larger projects and more demos? Maybe look for more things in the area for other family members to do? I do not have an easy answer. We will have some 2



day events at Longview to offset the loss of the other conference. This is new ground! Just raising prices will not fix the problem long term. People have to come to these events to cover costs.

We can get through all this. We are trying new things, to increase membership and take care of our members' needs by providing monthly Hammer Ins, overnight camp outs etc...

Do not hesitate to contact myself or any board member with your ideas and concerns.

~Bill Apple



Treasurer's Report

by Darryl Nelson

NWBA Spring Conference 2013 April 26-28 Longview, WA

Income:

Registration	\$11,085.00
Hands-On	\$600.00
<hr/>	
Total	\$11,685.00

Expense:

Site	\$5,004.00
Demonstrators	\$4,486.40
T-Shirts	\$778.54
Hands-On	\$1000.00
Fuel & Materials	\$490.00
Merchant Services	----
Pay Pal	\$260.44
<hr/>	
Total	\$12,019.38

Auction	\$4907.00
Donations	\$190.00
<hr/>	
Total	\$5,097.00

NWBA First Quarter Report 2013

Income

Conference:	\$2,426.69
Dues:	\$3,217.52
Sales:	\$290.00
Donations:	\$644.00
Refunds:	\$436.24
<hr/>	
Total:	\$7,014.45

Expenses

Web/HIN	\$4,350.29
Conference	\$8,415.60
Out Reach	\$825.04
Administration	\$2,544.39
<hr/>	
Total:	\$16,135.32

A Note from the Editor

by Amy Mook

This edition of the Hot Iron News is packed with reflections on Spring Conference 2013, news of the coming Western States Blacksmith Conference, August 2013, and a few articles by members. Thank you to all who have contributed articles and photos, it enriches these pages to have your input. I enjoy my time at conferences taking pictures, but I admit photography is not my talent. The HIN subscribers deserve a high quality magazine, so any of you who take photographs, send some good shots my way and I will most likely use them.

Spring Conference 2013 was a whirlwind of learning and exploring: non-stop demonstrations, five hands-on classes, a repoussé station open extended hours, and forging long into the night. Standing outside in the evening air I listened long to the hammers' rhythms, overlaid with a banjo tune drifting in from the room next door. There was a harmony of sound and activity...creativity suits the human being.



Western States Blacksmith Conference will be four filled days, with six demonstrators expected, blacksmith wars, farrier's competition, and lots of hands-on classes. I will definitely need scouts out in the field, there is no way I can be everywhere at once. So, at the risk of repeating myself: pictures and articles are always appreciated. Personally, I will be happy if I get to see even one quarter of what will be offered. Hope you have already made your plans to attend!

I will be working hard in the next few months getting all the details of the website functioning 100% and better. A lot of improvements are in the works, the site will be developed slowly but steadily. Please contact me any time with questions or for help on the website, I want to make the site work for as many people as possible, and sometimes that is helping people find their way on the site. It is my pleasure and my job to assist you, so if you need help email webmaster@blacksmith.org.

Thank you for the opportunity to server your fine organization,

Amy Mook
Editor HIN and www.blacksmith.org



NWBA Supports Technical School

Pictures and Article by Bruce Weakly



Ken Williams talking to a fascinated crowd.

Northwest Blacksmith Association members supported the Bellingham Technical College's annual "Welding Rodeo", providing an informational and demonstration booth to accompany the College fundraising activities. NWBA members not only demonstrated the art of blacksmithing, but also taught interested students at the anvil, along with providing free literature about the Association and the craft.



John Emmerling answers a few questions.



Dave Davelaar

It was fun and rewarding sharing the art of blacksmithing with the more traditional and formally trained welding students, as well as parents, vendors, and the Bellingham community.



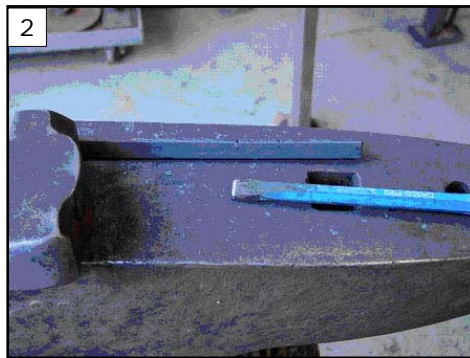
Al Bart Grant Recipient Report: *by Peter Clark*

Workshop with Daniel Miller

In March of 2012, thanks to California Blacksmith Association and Northwest Blacksmith Association sponsorship, I had the opportunity to attend the John C. Campbell Folk School in Brasstown, North Carolina to study blacksmithing with Daniel Miller. Daniel is an outstanding teacher. He is passionate about blacksmithing and using metal to tell the story of his life, and make commentary on specific events. It was a pleasure to be in his class.

Daniel has a real affinity for the fly press. He generously taught us many techniques for using the press. It has taken me a bit of time to reflect, realize and apply all that I learned. The two fly press techniques I will be using in this article are butchering and fullering to make a ladle handle.

I will be working with triple refined wrought iron. My stock size is 1/4" x 1/2". The angles of the stock must be square to achieve good results for this project. After doing the math to calculate the length I will need I came up with 9 1/2". I decided to make two handles from one piece of stock so I wouldn't need tongs for most of the project. As you will see in the first picture below I also decided to make six ladle handles at once.¹



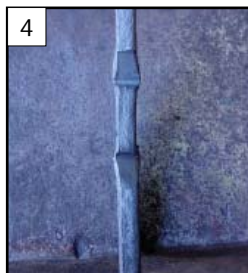
The butcher set up.

I started by cutting three pieces of wrought iron 19" long and laying out my marks for material isolation. The mark in the center will be the cut line after I have forged out the handle ends. The marks on either side of the center mark represent the material I am leaving for use as the attachment to the ladle cup. The two marks at either end separate the material I will need for the flag which will be a fullered out tab that will wrap the loop of the handle.

A dull chisel was used to inscribe a line that will be used for ease of alignment under the press. Note the punch marks are above center. I did this to be certain the punch marks would be lost during butchering.²

Butchering to isolate the tab material while leaving the tab as untouched as possible.³ I didn't butcher all the way to my finished shaft size in order to keep the material strong for drawing out the loop. Take care to keep your butchering perpendicular to the shaft.⁴ Drawing out the beginning of the shaft for the handle.⁵

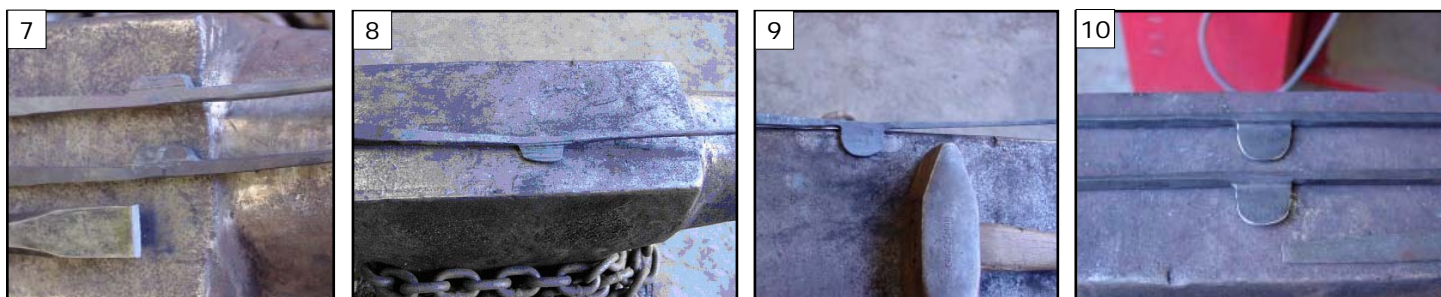
I used a carbide scribe to mark where I am going to butcher in order to isolate the material for fullering into the flag. I used one of the other work pieces to help keep the ruler from rocking.⁶



A sharp chisel was used to make an initial groove which was then enlarged by a dull chisel.⁷ This groove will be used to index the part under the fly press. Daniel likes to use progressively bigger marks in his layout to improve accuracy and ease of locating tools while the work is hot. Each time the next size up mark is made, errors can be corrected.

The butcher has been used to isolate and distribute the material for the flag. Note that I didn't take all the material in one shot. If I had, the deformation on the opposite side of the shaft would have been worse. It is best to sneak up on it.

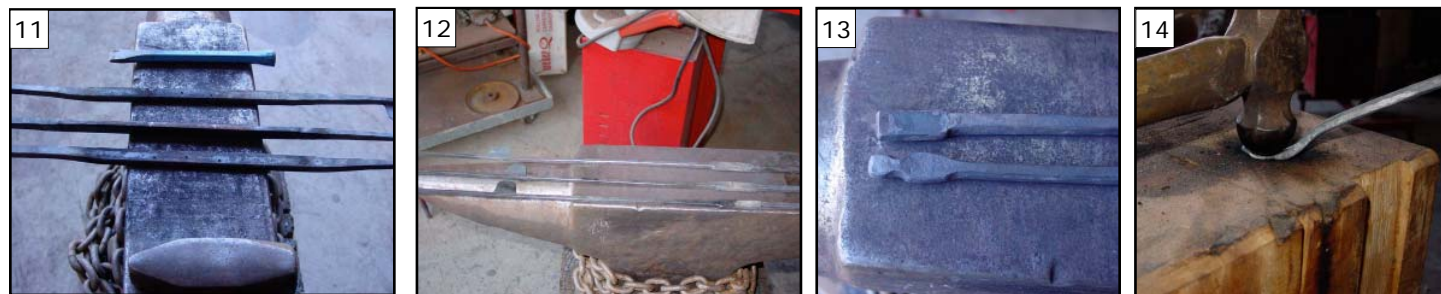
On the initial strike with fullering and butchering I like to hold the work up to the moving part of the fly press. This allows me to align the tool in the groove more accurately and also decreases heat transfer to the bottom block. Apparently, I forgot here. It is important to keep the fullering lines parallel with the direction you want the material to move.⁸



To draw out the flag I used a smallish cross peen hammer from the back side of the piece.⁹ Use the edge of the anvil to clean and true up the intersection of the flag and shaft. I used a rawhide mallet to straighten the shaft without changing the shape.

I always thought I had to forge work to perfection. Daniel gave me permission to use other tools to true up areas I didn't like. I used a flat file to clean up these flags.¹⁰ After drawing out the flags I chisel marked the other end of the shaft for double sided butchering.¹¹ I used a top and bottom butcher to isolate the ladle attachment material from both sides. It is important to have the flat sides of the butchers line up. I then finished drawing out the rest of the handle shaft.¹²

After cutting the handles apart, I used 3/16" radius fullering dies in the fly press to begin forming the attachment area. It is important that the dies line up so the fullering will be even. I also forged the section closest to the shaft in a keystone shape.¹³ After flattening the ends with a rounding hammer I put a concave shape in the area that will intersect with the ladle cup. I did this on wood so I would not deform the forge detail.¹⁴



Fitting to the ladle cup. Start from the shaft end and bend with rawhide mallet.¹⁵ Use the rawhide mallet to curve the handle shaft to your liking. Support the cup attachment area on the anvil horn.¹⁶

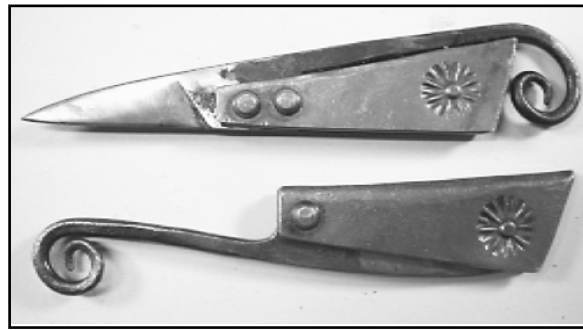
Turning the flag into the wrap. We will be bending the flag 360 degrees to close the loop of the handle. Begin by placing the shaft flush with the top of the vice with fullered side facing you.¹⁷

Using a #3 welding tip with oxygen and propane heat. Bend the flag 90 degrees away from the butchered side. Rotate the piece in the vice and bend the flag again to 90 degrees to continue the wrap. At this point it is time to create the loop of the handle.¹⁸



Article continues on page 13

Copper Handle Knives *Article and photos by Gene Chapman*



A pair of copper handle knives, one is a folder. The blades are forged from 1/16" X 1/2" spring steel, then ground and filed to shape. I made these in 2006. These also live on my work bench from time to time and are handy for small stuff.

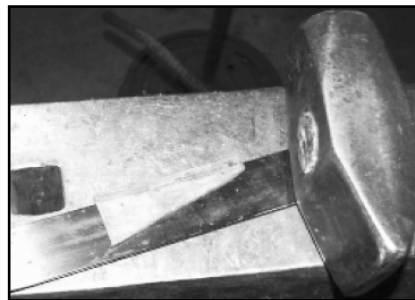


3/4" type "K" copper pipe has a 1/16" wall thickness. A 2 1/2" piece is heated, hammered flat, then cut in half with a hacksaw.

The homemade tools used to open the pipe are a piece of 1/16" thick spring steel and a piece of 3/16" mild steel. One edge was beveled with a belt grinder.



Widen with the 3/16" wedge.



Gently open the handle with the skinny wedge.

In this step a piece of 1/16" X 1" X 18" clock spring is inserted in the handle, by hammering on the spring, copper sides and top. Eventually the sides flatten.



The copper handle sandwiches a piece of clock spring, 1/16" X 1/4" X 10", it is used to prevent the handle from squishing when clamped in the vise. Draw filing the edges cleans up the saw marks and equalizes them.

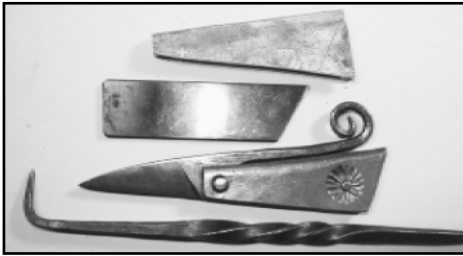


A 1/8" blade pin hole was drilled prior to cold stamping the touchmark with my P-6 fly press. Clock spring prevents collapsing the handle.

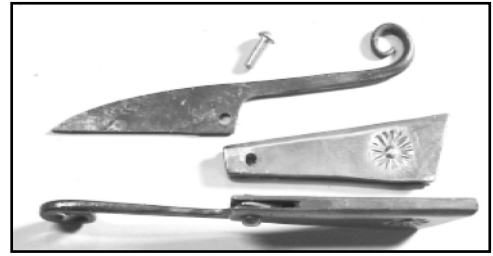
Clock Spring: Blue tempered and polished spring steel, 1095 is available from Pacific Machinery and Tool Steel Co. Portland Oregon. I bought a variety of 1/16" thick spring, years ago, and have used it for knives, springs, patterns and various projects, it's handy to have around.



Wear Safety Glasses



Next the rear of the handle is marked with my forged garage door spring scribe, then sawed off. The angled pattern above the folder is made from, you guessed it, 1/16" clock spring.

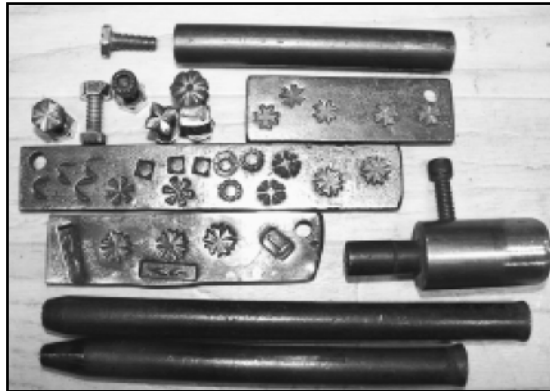


Notice the slot cut in the handle tang, this is a clearance slot for the blade tang. It was slotted with a hacksaw and again a piece of spring steel was used in the handle so vise jaws wouldn't mash the handle.

More Touchmarks

Years ago I made some test touch marks out of 1/4-20

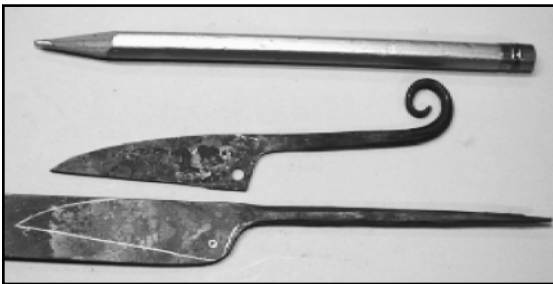
bolts. These were tested on leather then finally red hot steel. The bolts were held in a threaded piece of steel bar. The steel bar was counter bored about 1/4" deep then drilled and tapped. The counter bore provided relief as some bolts aren't threaded all the way to the head. Bolt head stamps worked but must be touched up once in a while, eventually I retired them and began using hot stamps made out of mainly auto lug wrench steel.



Touchmarks are only used on steel at a red heat or higher. Copper can be stamped cold.



Close up of hot stamp used on the handles. This was made from 01 tool steel.



A blade pattern is traced around with a silver drawing pencil.

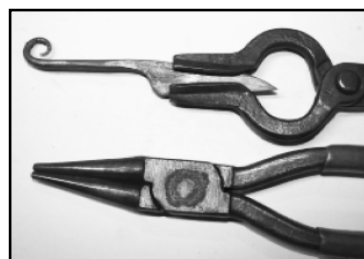
Blade is cut off, shown here with a pair of tongs I made specially designed for holding "Rat Tail" knife tangs.>>



The blade is made from 1095, 1/16" X 5/8" spring steel. Half face blows begin to form the tang. The material is thin, go slow and alternately forge blade top and side. Draw out a tapered tang. As you forge, check for cold shuts, if found, grind or file them out, it's easy to get cold shuts with the thin material.

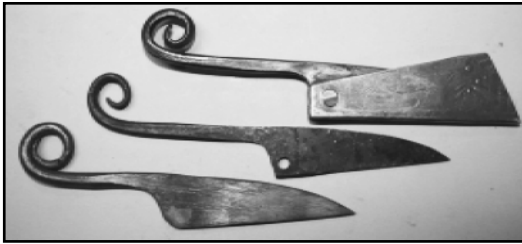


The blade is profiled with a belt grinder.



<< Scroll was started on anvil's edge, then scroll pliers were used.

Wear Safety Glasses



Finished folder and two blades.



The annealed blade is beveled on one side, while held tight in my knife filing clamp. Heat treat after shaping blade.

Now, iron pounders, go make a copper handle knife. Happy hammering. Gene Chapman

Wear Safety Glasses

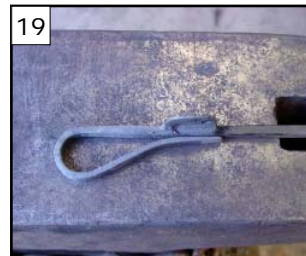
Make items for donation to the auction at our Western States Conference, August 22-25, 2013, Government Camp, OR in support of your organization, the NWBA
It's a Win-Win Deal:
Items auctioned for over \$250 win the donor of the item a paid year of membership.

Al Bart Grant Recipient Report: Workshop with Daniel Miller: *by Peter Clark*
 Continued from page 10

Bending the hoop on the end of the handle. Begin by finding the center of the handle material measuring from the shaft end of the flag. Add sufficient length for the belly of the bend and bend your loop so that the end aligns with the shaft side of the flag.¹⁹

Center the loop with the shaft.²⁰ Mount the handle in the vice. Heat with the torch and continue the wrap and rotate until you have come 360 degrees.²¹ Mount and finish the ladle cups. Daniel's finish recipe is 1 part beeswax, 4 parts linseed oil and 16 parts turpentine. Start by melting the wax, add linseed oil while warm, then add turpentine. Apply with a chip brush to warm steel. Wipe or use compressed air to dry while steel is still warm.²²

Contact the author to obtain hand spun copper cups as in the example above. The cups will be textured to your liking. Peter Clark: peterclark@theunion.net



Find out how you can become an Al Bart Grant Recipient:
www.blacksmith.org/al-bart-grant/

Ladle made by Peter Clark, exhibited in the Member Gallery at our Spring Conference 2013, Longview, WA >>

Spring Conference 2013 Gallery and Auction

A sampling of some of the items our members donated for the auction, or put on display in the gallery. Some items were displayed in the gallery then sold at auction. Remember: proceeds from our auction help to fund our library, learning grants, and outreach programs, and items that sell for \$250 or more earn the maker a free year's membership in the NWBA. It's a win win situation. Make something fine for the auction, support the NWBA and get a free year membership!



Bruce Crittenden 2012
Steve Mankowski Colonial Blacksmithing:
Kitchen Utensils- above
Utensils made from wagon wheel rim. - below



Chas Low
Rasp Snake



Jerry Woods
Big Man Scissors



Don Kemper 2013
Induction Forged Billet made Knife



Gary Hemenway 2013
RR Spike Tomahawks- above
RR Spike Knives - right



Lynn Gledhill
Hooks

Spring Conference 2013 Gallery and Auction



Dean Mook 2013
Mosquito



Dave Lisch 2013
Damascus Tomahawk



Dean Mook and Alec Steele 2013
Mica and Steel Wall Sconces with Herons



John Harris 2013
Hand Falling with Springboards



Gary Nickolisen
Under the Sea - Wall Hanging



Rick Crelia
Steel Vessel

Spring Conference 2013 Gallery and Auction



Hazel Margarettes 2013
Discovery Process: Unearth



Galen Kennel 2013
Sculptures



Chuck Moen
Garden Accessories:
Powder Coated Bell



Richard Tinder
Skull Poker



Jim Hatmaker
Bottle Opener
Nickel bronze



Larry Rose 2012
Tissue Box, box joint corners



Lisa Geertsen 2013
Ginkgo Leaf



Galen Kennel
Upset bowl

Spring Conference 2013 Gallery and Auction



Anne Scott 2013
Spherical Necklace: oxidized sterling
Gigantor Necklace: sterling
2 Forged Rings: sterling



Scott Szloch
Standing Tall



Lisa Geertsen 2013
Hearts W.I.P. 12, 10, 8, Don't Ask



John Harris
Soccer Player

Mark Manley 2013
Clock



Dennis Torresdal
Obsidian Knife

Roger Freeborn 2013
Grandson Box



Spring Conference 2013 Gallery and Auction



Lenn Eisenbeis
Barbeque Fork & Skewers - Branch Art



Roger Freeborn 2013
Large Compass



Japheth Howard and
Alice James 2009
Candelabra



Jerry Nielsen 2013
Plate



Terry Carson
Dragonfly



Jim Griswold 2013
Raven Courting

Alec Steele



Alec working with striker Tri Ficker



Fifteen year old, Alec Steele from North Norfolk, England, United Kingdom, demonstrated making a variety of items: chisels and a hammer, a simple yet ornate wall hook, and a delicate copper ring. He uses a fairly large hammer, and swears by his method, in agreement with one of his great teachers, Brian Brazeal. Alec forged the tools needed to make the items he was demonstrating, visibly enjoying the useful, practical nature of the process. His youthful energy served him well as he demonstrated, worked and played in the fire late into the evening, with other smiths in the Mentoring Center, which was the center of the evenings' forge-athon. Alec's demonstrations and demeanor were enjoyed by the crowd. Thank you Alec!

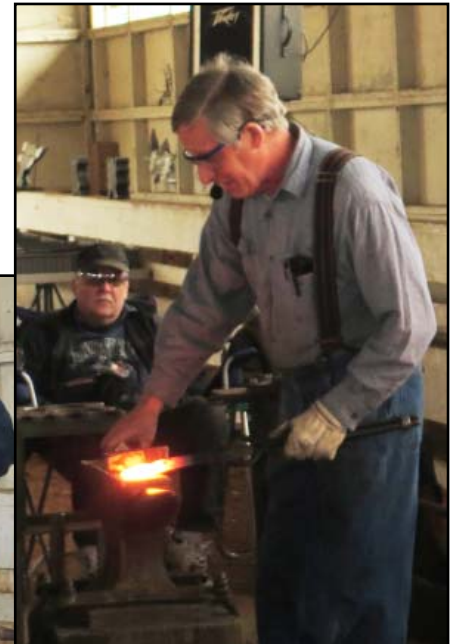


Mark Manley wiring Alec Steele for sound.



Berkley Tack

Berkley focused approximately half of his demonstration on forging a Suffolk Thumb Latch, carefully forging and fitting each piece into a nicely working, gracefully shaped latch system. Berkley's ease and sure movements are clearly that of a blacksmith with great experience, and his portfolio reflects this. The other half of Berkley's demonstrations included a lecture on heat treatment with an explanation of the metalurgical properties put in layman's terms. In an additional lecture/demonstration he showed how to spark test metals to identify their composition. We are fortunate to have the talent and wisdom of such an accomplished smith in our organization. Look for opportunities to learn from Berkley. You will be glad you did.



Spring Conference 2013 A Look Back at Hands-On Classes

Our Mentoring Center was jumping from morning to midnight; five hands-on classes, repoussé station, and forging after hours. In fact, the temperature kept rising with the 5 forges raging all day and we ended up getting fans to cool off. With so many classes and late night opportunities to work in the fire, it seems everyone who wanted to got a chance to do some hands-on work and sharing with fellow smiths. Our conferences and our monthly Mentoring Center gatherings are also a chance for you to step up and share some smithing tricks and techniques that you have learned. NWBA blacksmiths are thirsty to learn what you want to share. If you have an idea for a demonstration that you would like to present, contact one of our Board members.



Gene Bland
Making and using punches, chisels and such



Patrick Maher
Scrolling tongs



Martin Brandt
Making a spike knife



Scott Schloch
Hinges



Steve Howell
Rivets and rivet headers

Spring Conference 2013

Repoussé Station



Ann Scott volunteered at our Fall Conference 2012 to keep our repoussé table open for hands-on work by generously teaching during the day and into the evening. She has continued to be available to work at the repoussé station at subsequent monthly hammer-ins. Again, at our Spring Conference this year, Ann was at the repoussé table in the Mentoring Center, instructing students on the techniques for making copper cuffs. Working with copper is fun and accessible to the inexperienced, though it is a lot harder to make a

piece as you had envisioned it than it seems at first glance, Ann's skill makes it look easy. The repoussé station was busy at all hours with conference attendees tapping out their designs in copper. Our

repoussé station will be set up at future hammer-ins and conferences, so if you didn't get a chance to try your hand at repoussé yet, you will still have the opportunity.



Repoussé photos courtesy of Bruce Crittenden and Ann Scott



Spring Conference 2013

Out and About



Laura and Berkley Tack,
Alec Steele and Cécile Steele-Bidet
photo courtesy Bruce Crittenden



Forging into the night...the place was cooking.

Spring Conference 2013 Out and About



Nick Wright (left) and Dylan McMichaels
 Nick was the winner of the drawing for the forge set-up donated by Jay McGowan and raffled off to the youths attending the conference. The kit included a forge, anvil, leg vise, and a bag of coal. These boys were thrilled, and it was their first conference.



Striking Anvil made by Bill Apple and Alec Steele. They made 2 anvils, thanks to Bill's enthusiasm and generosity. Alec had requested a striking anvil for his demonstration, one was for Alec's use and the other was for auction.



Larry Langdon and Al Mangold our Auctioneers.



Bill taking a minute of sunshine, the trusty bike transported him to and fro as he went chasing down solutions to whatever problems arose.



President Bill Apple delivering his message to the membership.



L to R. Ryan Wilson, Marie Churney, Bonnie Klein, Adam Carlsensen



Up to date info can be found at www.westernstatesconference.com

FIRE ON THE MOUNTAIN!

Western States Conference, a world class blacksmith conference.

From the opening gong up at majestic Timberline Lodge to the closing ceremonies, this will be a conference to top them all. Hundreds of blacksmiths converging on Mt. Hood for a jam packed four days of hammer and fire, learning and doing, fun and sun!

Save the dates and make your travel plans: **Thursday August 22nd through Sunday August 25th, 2013.**

EXTREMELY IMPORTANT NOTICE: Government Camp is very busy in the summer, our conference is not the only event in town. It is very important for you to make your lodging arrangements as soon as possible to make sure your stay is a pleasant one. See lodging options on our website: www.westernstatesconference.com/lodging

WESTERN STATES SNEAK PREVIEW:

Lineup of Demonstrators:

- Maria Cristalli, Cle Elum WA
- Freddy Rodriguez, Columbia SA – forged human and animal heads
- Richard Sullivan, Gun Smith, Williamsburg VA
- Jon Laubach, Gun Smith, Williamsburg VA
- Bob Kramer, Knife Maker, Olympia WA
- Michael Bondi, Richmond, CA
- Rick Smith, Carbondale, IL

Partial Lineup for Hands-On:

Mark Aspery and Dennis Dusek demonstrating on National Blacksmith Curriculum

American Bladesmith Society is sponsoring the Knife Forging Tent

Blacksmith Wars- 4 person Teams - Max 6 Teams, 1st come

Register early, Prize Money 1st -3rd place

Members Gallery: We will have a dedicated and secure building for our member's gallery. Please bring your favorite work to share with everyone.

Farriers Competition: A farriers competition extraordinaire! Cash prizes, door prizes, trophy's and the chance to place in this judged competition.

Banquet and Auction on Saturday Night at Timberline's WyEast Day Lodge

Tailgate Sales and Vending (in designated areas only).

Western States Blacksmith Conference 2013

Government Camp, Mt Hood, Oregon. August 22-25, 2013

Blacksmith Wars!! There are still slots available for your team to sign up! Don't hesitate, there is room for only 6 teams, first come first serve. The details of the competition for the 2013 Blacksmith War Competition is described below. There are big cash prizes for the 3 top placing teams! The most exciting, high energy blacksmithing event you will ever experience.

This will be a grand display of talent and showmanship between the teams of 4 smiths from various organizations. All will be trying to win the coveted title of "Blacksmith Wars World Champions", prize money, and trophies. Lets face it, we are all blacksmiths so its more about bragging rights than anything else.

The competition will be set up to simulate a *customer inspired job, with the usual customer inspired last minute change order. This will be the secret element that will be introduced on the first day of the event. Each team will be judged on forging techniques, team participation, safety, design, execution, material use, and the inclusion of the secret element in the allotted timeframe of 12 hours. This event is designed to demonstrate the talent and camaraderie amongst all blacksmiths while at the same time giving everyone the enjoyment of seeing the actual craft in process to create a final product. As of right now we still have a few openings left and would very much enjoy having 6 teams participate. This is going to be a legendary conference so lets give the next generation something to talk about.

THE RULES FOR BLACKSMITH WARS 2013

The project is a combination lamp and table, capable of holding at minimum two drinks and a TV remote control. Any illuminated sculptural structure that meets this criteria is acceptable.

All teams must have a full size or scale drawing with dimensions on display during the competition representing structural components, sizes, arrangements and joinery. Embellishments, but not subtractions are allowed. Each team will consist of up to four people.

Lampshades, if used, may be complete except for metal fittings. Pre-threaded pipe nipples and fittings are allowed. All wiring, sockets, switches, bulbs and plugs or other illumination options are each team's responsibility.

Each team must include the supplied 3 1/8" diameter by 1/4" thick medallion in its project.

Although this is a multi-media project with materials from acrylics to zircons allowed, please remember it is a forging competition. Found objects may be included. Please, no plasma, laser cut or other prefabricated metals except cut-to-length bar stock or plate Total cost of the materials incorporated must be under \$300. Pre-made tooling, jigs, fixtures and templates are allowed.

No electrical welding is allowed on the project. Each team will be supplied with approximately 20 amps of 120 volt power. Please bring a fused multi-plug so that power overdraws only effect your own team. A 100# tank of propane with refills available will be supplied to each team and some tooling on a first-come basis will be available from NWBA.

Contest hours for Blacksmith Wars 2013 are 6 pm to 9 pm on Thursday, August 22nd and Friday, August 23rd, 1 pm to 4 pm on Saturday, August 24th and 9 am to noon on Sunday, August 25th, the final day.

First prize is \$1600, \$1200 for second and \$800 for third. Each team will also receive the amount paid at public auction for their piece.

Judging criteria will include:

- | | |
|--|--|
| 1. Safety | 6. Joinery |
| 2. Drawing | 7. Stability |
| 3. Design | 8. Workmanship — fit and fitting |
| 4. Transformation of materials by heat (forging) | 9. Aesthetics — tactile and eye appeal |
| 5. Function | 10. Audience appreciation |

We have room for up to six teams. Please contact Terry Carson at 253.376.6234 or tlcforge@aol.com. Please join in! If you're in the money, it should pay for your conference plus!

Bring what you need to win.

Western States Conference Demonstrators

An introduction to just a few of our demonstrators at Western States Conference. More information about what is being demonstrated will be found on the website <http://www.westernstatesconference.com>

Maria Cristalli Cle Elum, WA
www.mariacristalli.com photos courtesy Maria Cristali

I live in the woods outside of Cle Elum, WA. On the Eastern slope of the Cascade range. We moved here about 3 years ago from Seattle and I'm very happy here. My 1600 sf studio is on our property surrounded by trees and amongst many things houses a 165# Wolf and a Nazel 3B power hammer.



I started smithing at Black Dog Forge 20 years ago. I also spent time working/apprenticing with Darryl Nelson and Japheth Howard. Throughout most of this time I had a shop that I worked from and started building up clients, projects, tools and mostly...skills of my own. I've also been to Haystack Mountain School of Crafts for a 3 week workshop with Peter Ross and feel so fortunate that I was able to go to Penland for a workshop with EA Chase. I've been doing custom ironwork the whole time, with a couple of public art projects and some artwork as well. Lately, I am more interested in taking all the forging techniques I've learned and using them in a more contemporary expression. I'd like to move away a bit from doing custom ironwork. I have a couple of high end products



that I would like to promote and hopefully it might give me some time to spend more time making artwork and ironwork for our house. It's like the cobbler's kids without shoes over here!! Plus, the product that I want to sell came directly from making things for our house. The reason is, is that there are no expectations or design requirements from clients to influence what you make, so you get to explore ideas more. I've been lucky to have a few clients that let me freely express myself, but it's not a regular thing.



Bob Kramer Olympia, WA
www.kramerknives.com/

Bob Kramer is not only an expert damascus steel and knife maker, he also generously shares his hard earned knowledge of the craft. The tagline of his website is "*The Relentless Pursuit of Excellence*", and he exemplifies this ethic. Bob designs and makes amazingly beautiful and practical cutlery. He has a ready-made product line and some very specialized works. He has an interesting way of



Bob Kramer Knife: auctioned 2012 (picture from www.kramerknives.com)
12" Slicer Knife and Carving Fork, Mosaic Damascus Steel, European Style Snakewood Handles

selling his high-end, one of a kind works - an online auction. His ready-made knives are also sold in an auction-like fashion, one must register to purchase. To learn more about Bob's fantastic business savvy go to his very professional, informative and beautifully designed website: www.kramerknives.com, or better yet, go to his demonstration at Western States Conference to watch him at work, and stay to ask him questions about his skills and business philosophy.

Freddy Rodriguez Caro *Paipa, Columbia, South America*

Forged human and animal heads



These photos of Freddy Rodriguez's work were taken by Doug Wilson at ABANA Rapid City South Dakota, 2012 clockwise from top left: mountain goat, alligator, Freddy Habermann bust, dragon, anvil model.



Rick Smith *Carbondale, IL*

www.ricksmithblacksmith.com

About Rick Smith from his website:

Rick Smith is an independent artist and professor who has taught at many craft schools across the nation including Penland, Haystack and Peters Valley. He received his M.F.A. in metalsmithing from Southern Illinois University (Carbondale). His work has been widely published and exhibited nationally and internationally. Smith has pieces in the permanent collections of the Metal Museum (Memphis), the Mint Museum (Charlotte), Decorative Arts Museum (Little Rock) and Minneapolis Institute of Arts. In 2001 he received a foundation grant, which was used to renovate the blacksmithing studio at Southern Illinois University Carbondale where he is currently professor of blacksmithing and head of the metals program. SIUC's program is the only one of its kind in the country and one of only a few in the world that offers a B.F.A. and M.F.A. degrees in blacksmithing. Smith secured an endowed chairmanship from a private foundation in 2005. This endowment will help to ensure that formal instruction in blacksmithing as an art form is always taught at the university.



Rick's Studio: from 'Richard Smith's Gallery' at <http://picasaweb.google.com/>



Diagonal vs. Vertical
forged textured steel, rust patina
Current home page photo at
www.ricksmithblacksmith.com

Jon Laubach and Richard Sullivan *Colonial Williamsburg, VA*

www.colonialwilliamsburg.com/



Jon Laubach and Richard Sullivan will be demonstrating the forging of the barrel and lock parts of a pistol. These photos, found on the internet, are pistols made by Jon Laubach. The pistols made at a four day conference will certainly not be this fancy, but you will be able to see them make the working parts of the pistol. Colonial Williamsburg blacksmiths use only the traditional tools and materials, as they were available to the blacksmith in colonial times. Many of you may have worked using colonial methods and you know that it can be challenging to limit your tool pallet to what was available in 1800! We are lucky to have two smiths of this caliber come to one conference.



Michael Bondi *Richmond, CA*

www.michaelbondi.com/

Michael will be moderating a panel discussion:

“Forging Into The Future”

The Next Generation of Blacksmithing

Panel:

Jim Wallace

Darryl Nelson

Possible:

Rick Smith

Mark Aspery

David Tuthill

Phil Baldwin

Jake James

Bart Turner

Jim Garrett

Brent Moten

Farriers' Competition

The Oregon State Farriers association and the Northwest Blacksmith Association are working together once again to bring you a farriers competition extraordinaire! At the Western States Conference in August, the premier working Farriers of the west will meet and compete for cash prizes, door prizes, trophy's and the chance to place in this judged competition. The competition is fast and furious, it is amazing to watch these farriers work, don't miss it. Make your plans now to attend as a farrier or a spectator. More information and registration for the farrier competition at:

www.westernstatesconference.com/farrier-competition-information/





Northwest Blacksmith Association

"To promote and preserve the Art and Craft of Blacksmithing while building friendship and good will."

WESTERN STATES BLACKSMITH CONFERENCE REGISTRATION FORM

August 22nd through Sunday August 25th, 2013.

Government Camp, Mt. Hood, OR

Attendance at an NWBA event requires membership in the NWBA due to the liability insurance requirements. The fees for NON-NWBA member registration for the Western States Blacksmith Conference includes a one quarter (3 month) membership in the NWBA.

RELEASE OF LIABILITY

I hereby acknowledge that I have voluntarily applied to become a member of the NorthWest Blacksmith Association, NWBA.

I understand that blacksmithing is an inherently dangerous activity that involves certain risks and dangers. I acknowledge and understand that those risks include the potential for bodily injury.

Nevertheless, in full knowledge and understanding of the above risks, hazards, or dangers, I freely, voluntarily and knowingly agree to assume those risks. By my signature below, I hereby agree to assume all responsibility for myself and my property and hereby release and discharge Northwest Blacksmith Association, NWBA; it's members, employees, representatives, associates, independent contractors, and board from any and all claims, demands, damages, expenses, and any other liability for injuries or damages of any description which may occur as a result of my participation in this organization as a member. This Release shall be legally binding on heirs, my assigns, successors, estate, legal guardians, executors and me.

If I am signing this agreement on behalf of another person, I certify that all representations are true with respect to the participant and that I am the participant's legal guardian or custodial parent with full authority to bind the participant and myself to the terms of the Release.

I have carefully read this Release and fully understand its contents. I am aware that in signing this Release I am releasing and waiving certain rights that I may have and enter into this contract on behalf of myself and/or my family of my own free will.

THIS IS A RELEASE OF LIABILITY DO NOT SIGN THIS REGISTRATION FORM AND RELEASE IF YOU DO NOT UNDERSTAND IT OR DO NOT AGREE WITH ITS TERMS.

Preregistration costs (Add \$25 per ticket after August 7, 2013):

- A. \$135 Full Conference NWBA Member
- B. \$150 Full Conference non-NWBA Member
- C. \$65 One Day Conference NWBA Member
- D. \$80 One Day Conference non-NWBA Member

Saturday Night Banquet Dinner at

Timberline WyEast Lodge: \$35 per ticket.

No. of Banquet tickets _____ x \$35 each =
Meal total \$ _____

No. of Conference Fees at each level
(see above for pricing):

A _____ B _____ C _____ D _____

Conference Fees Total \$ _____

Cascade Ski Lodge Bunkbed Reservations:
\$20 per night (more info at:
www.westernstatesconference.com/lodging/)

Number of Nights: _____ Lodging Total: \$ _____

Exact dates for bunk reservation:

Grand Total \$ _____

Signature: _____ Date: _____

Print Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

*E-mail: _____

*(if you are already registered as a user at www.blacksmith.org your website user account will be updated to allow member privileges only if you use the same email address as the one used to register on the website)

Make check payable to: Northwest Blacksmith Association

Mail to: N.W.B.A.
4742 42nd Ave. S.W. #185
Seattle, WA 98116

To apply online and pay by credit/debit card go to:
www.westernstatesconference.com/conference-registration/



Northwest Blacksmith Association

"To promote and preserve the Art and Craft of Blacksmithing while building friendship and good will."

MEMBERSHIP REGISTRATION FORM

The NorthWest Blacksmith Association is a Washington corporation and a 501 (c) 3 non-profit charitable organization founded in 1979. Now over 500 strong and growing. We have something to offer to anyone with an interest in blacksmithing, from the beginner to the serious professional.

Members of the N.W.B.A. receive our award-winning newsletter The Hot Iron News, the opportunity to attend N.W.B.A. semi-annual conferences, frequent hands on workshops and events, and the camaraderie and support of hundreds of blacksmith enthusiasts.

RELEASE OF LIABILITY

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Nevertheless, in full knowledge and understanding of the above risks, hazards, or dangers, I freely, voluntarily and knowingly agree to assume those risks. By my signature below, I hereby agree to assume all responsibility for myself and my property and hereby release and discharge Northwest Blacksmith Association, NWBA; it's members, employees, representatives, associates, independent contractors, and board from any and all claims, demands, damages, expenses, and any other liability for injuries or damages of any description which may occur as a result of my participation in this organization as a member. This Release shall be legally binding on heirs, my assigns, successors, estate, legal guardians, executors and me.

If I am signing this agreement on behalf of another person, I certify that all representations are true with respect to the participant and that I am the participant's legal guardian or custodial parent with full authority to bind the participant and myself to the terms of the Release.

I have carefully read this Release and fully understand its contents. I am aware that in signing this Release I am releasing and waiving certain rights that I may have and enter into this contract on behalf of myself and/or my family of my own free will.

THIS IS A RELEASE OF LIABILITY DO NOT SIGN THIS REGISTRATION FORM AND RELEASE IF YOU DO NOT UNDERSTAND IT OR DO NOT AGREE WITH ITS TERMS.

Signature: _____ Date: _____

Print Name: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

*E-mail: _____

*(if you are already registered as a user at www.blacksmith.org your website user account will be updated to allow member privileges only if you use the same email address as the one used to register on the website)

Mail to: Northwest Blacksmith Association
4742 42nd Ave. S.W. #185
Seattle, WA 98116

To apply online and pay by credit/debit card go to: www.blacksmith.org

Dues are:

\$45 in U.S.A.

\$50 outside U.S.A.

New Member

Renewing Member

NWBA membership is valid for one year from the date of signup. Renewals are sent out on a quarterly basis, look for your renewal letter sometime in the 3 month period around the anniversary of your registering for membership.

Blacksmithing Schools Around the Northwest

Earth, Wind, Fire & Ice Forge

Ridgefield, WA
360-887-3903

To register for a class contact Don Kemper at the number above.

Incandescent Ironworks Ltd.

Spokane, WA
509-456-8321

Contact: Steve McGrew:
stevem@incandescent-iron.com
www.incandescent-iron.com/blcl.html

Meridian Forge LLC

37010 Meridian East
Eatonville, WA 98328
360-832-6280

Contact: Darryl Nelson: meridianforge@hotmail.com

Old West Forge

PO BOX 2105
White Salmon, WA 98672
(509) 493-4418

For additional details contact Tim Middaugh:
tim@oldwestforge.com.

Current classes are listed at www.oldwestforge.com

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www.thestables-orcasisland.com
info@thestables-orcasisland.com
360.376.4863

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3600 E Marginal Way S. #4
Seattle WA 98134
206-919-5431

email David Lisch:
studio4@davidlisch.com

More info can be found at www.DavidLisch.com
click on Studio4

Stumptown Forge

18054 S Boone Ct
Beavercreek, OR 97004
contact Ken Mermelstein:
503-632-2363 ken@stumptownforge.com
www.stumptownforge.com

Thorne Metals Studio

13751 Daybreak Ln
Anacortes, WA 98221
(360) 293 8257
Current classes are listed at:
<http://learnblacksmithing.com>

Backwoods Blacksmith

Between Sutherlin and Elkton Oregon on Hwy 138.
Instructor and owner is Gene Bland
Beginning blacksmithing, tool making, organic and garden art.
541 459 2879
bland2879@yahoo.com

Editor's note: As a 501(c)3 non-profit organization there are limitations to how we are allowed promote our members' businesses. The listings will now include contact information and one descriptive sentence for your school, a policy subject to change.

To publicize your class you may send your event listing to the editor for inclusion in our online calendar. A short paragraph about the class and time, location, and fee information only please.

Please send information about your events, school and class listings to nwbainfo@gmail.com

CURRENT WEB EVENT LIST (<http://blacksmith.org/events/>)

- | | |
|---------------|--|
| June 22-23 | NWBA Member Demo and Open Forge, Cowlitz Expo Center, Longview, WA |
| July | No Hammer In for July, 2013. |
| July 20 | Blacksmith Swap Meet, 3600 E. Marginal Way South #3 Seattle WA 98134 |
| August 22-25 | Western States Conference, 2013, Government Camp, Mt. Hood, Oregon |
| September 28 | Mentoring Center Demo and Open Forge: Mark Manley, using and induction forge.
Cowlitz Expo Center, Longview, WA |
| October 11-13 | Stephen Mankowski, Journeyman Blacksmith-Colonial Williamsburg Foundation |
| October 26 | Mentoring Center Demo and Open Forge: Lisa Geertsens, demo TBA |

Take advantage of your membership benefits and SEND IN YOUR ANNOUNCEMENTS FOR THE WEBSITE CALENDAR AND THE HOT IRON NEWS to nwbainfo@gmail.com

Announcements

BLACKSMITH WARS TEAMS WANTED!

There are still a few slots for teams to sign up to participate in the blacksmith wars event at the Western States Blacksmith Conference, August 22-25, 2013, Government Camp, Mt. Hood, Oregon. Win Prize Money and Prestige. Look for info about the conference in this publication, Please contact Terry Carson at 253.376.6234 or tlcforge@aol.com.

A Weekend with Stephen Mankowski, Journeyman Blacksmith with the Colonial Williamsburg Foundation

The Fort Vancouver Trades Guild and the National Park Service will be hosting a 3-day demonstration by Steve Mankowski, Journeyman Blacksmith with the Colonial Williamsburg Foundation. The demonstrations will feature traditional methods of blacksmithing drawing on the extensive collection of early 1800's artifacts found at Fort Vancouver.

Dates: October 11, 12, 13, 2013

Location: Fort Vancouver National Historic Site Blacksmith Shop

More details to follow over the summer.

Save the date.....

BlacksmithSwapMeet July 20th 2013

from 10-3pm

Underneath the Alaska Way Viaduct & the West Seattle Bridge



Pick up your unwanted tools off the shop floor Bring them by to sell or trade for more. Fast and furious the selling will be, stop by, hang out and you will see

good finds
good friends
good food
good fun

Yes!!!



Your friends will all be there...

3600 E Marginal Way South 98134

* SW Corner of the Big Building on Spokane St & E Marginal Way S

Vendor load in - 9 am Festivities 8-4pm

Another great event sponsored by the coalition for the equal distribution of Blacksmith equipment of north america

(*SW Corner of the big building on Spokane St. & E. Marginal Way.)



The editor of the Hot Iron News wants your pictures and your articles.

If you have pictures from past conferences and NWBA events, or if you have great notes from a conference demonstration, or if you have pictures of a project that you want to share, PLEASE SEND THEM TO US, email to nwbainfo@gmail.com

or by mail to: Northwest Blacksmith Assoc., 42nd Ave SW #185, Seattle, WA 98116

Al Bart Grant Information

The NWBA's Al Bart Memorial Grant is now open to anyone interested in learning about and spreading the knowledge and interest in the art and craft of blacksmithing. With our new status of non-profit charitable organization comes the unexpected gift of sharing this opportunity with more people. It is the hope of the NWBA that The Al Bart Memorial Grant could enable interested persons to attend an educational program such as a workshop or class with the intention of learning something new and sharing that knowledge and experience within and/or outside of our association. All interested persons are encouraged to download the application and learn something new. Find out more details and download the application at our website:


<http://blacksmith.org/al-bart-grant/>

Announcements that are of general interest to blacksmiths and not specifically in the business interest of an individual will be printed free of charge in the Hot Iron News, at the discrepancy of the editor and within the guidelines of the NWBA Board of Directors.

Submit your announcements for publication in the NWBA Hot Iron News and our website.

Mail to: Northwest Blacksmith Assoc.
42nd Ave SW #185
Seattle, WA 98116

Or email to:
NWBainfo@gmail.com



The Steel Yard
6880 NE Columbia Blvd
 P.O. Box 4828 • Portland, OR 97208
 (503)282-YARD • FAX (503)282-7490
 www.thesteelyard.com • sales@thesteelyard.com

Open to the Public Mon-Fri 8:00 AM - 5:00 PM
Saturday 8:00 AM - Noon

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Advertising Policy

Hot Iron News has revised its policy regarding advertising. We are now accepting ads for publication in the Hot Iron News, depending on space availability, which is limited. See below for the pertinent information. If you have any questions do not hesitate to contact editor Amy Mook at nwbainfo@gmail.com

Classified Ads

Free to members, \$10 for non-members Classified ads are 50 words, text only.

For sale: Quality blacksmith coal, coke and charcoal. Contact Jim vonMosch at Mountain Brook Forge 509-493-2246 or Mountainbrookforge@gmail.com for price and availability.

Farriers' Competition

Western States Conference 2013,
 Mt Hood Oregon.

All the info you need is at the website:
www.westernstatesconference.com

Advertising Submissions

Mail to: NWBA
 42nd Ave SW #185
 Seattle, WA 98116
 email to: NWBAinfo@gmail.com



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****Advertising space is very limited in each issue, up to 2 pages total, and is available on a first come first serve basis****

Download Ad Specification and Pricing Sheet online at:
<http://blacksmith.org/advertising-hot-iron-news/>

Hot Iron News



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4742 42nd Ave SW #185
Seattle WA 98116

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Darryl Nelson 2013
Roundup