

# Hot Iron News



**THE VOICE OF THE NORTHWEST BLACKSMITH ASSOCIATION**

**Fourth 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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## Standing Committees

*Finance & Budget: Chair - Darryl Nelson*

*Member Services: Chair - Andrea Lisch,*

*Communications: Chair - Unfilled, Amy Mook*

*Events & Programs: Chair - Dean Mook, Jay McGowan, Tom Ferry*

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*Spring Conference 2014: Longview, WA - Bruce Crittenden & Brent Christiansen*

*Western States Conference 2013 Mt. Hood: Chair - Darryl Nelson & Jay McGowan*

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*Donations (501(c)3): Chair - Andrea Lisch*

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*Hot Iron News and Website Editor: Amy Mook*

## Quick Reference for NWBA Members

Submit articles, photos, how-to's to HIN:

[nwbainfo@gmail.com](mailto:nwbainfo@gmail.com)

NWBA Website: [www.blacksmith.org](http://www.blacksmith.org)

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

Northwest Blacksmith Association

4742 42nd Ave SW #185

Seattle WA 98116

Annual dues beginning Jan. 1, 2014: \$60 (foreign, \$70)

Dues include quarterly subscription to Hot Iron News.

Dues may also be paid online at [www.blacksmith.org](http://www.blacksmith.org)

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## ON THE COVER



Bob Kramer demonstrating at Western States Blacksmith Conference 2013. Featured on the cover and above is a tire power hammer made by Larry Langdon. At the October 26, 2013 Board meeting it was voted to purchase a similar power hammer from Larry to have as part of our Mentoring Center equipment and to use at future conferences.

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### Mentoring Center Monthly Events

**2014 the Mentoring Center will be host to Workshops and Open Forges (on alternating months)**

**Want to be sure to keep up to date?**

**Sign-up to receive email announcements monthly so you don't have to miss another event!**

**Sign-up online:**

**<http://blacksmith.org/sign-up-email-announcements/>**

### Upcoming Mentoring Center Events

- December 14, 2013:** Gift Making Workshop, bring ideas for simple projects to share and learn.
- January 25, 2014:** Darryl Nelson: Demo and Open Forge, Forge Welding using a gas forge.
- February 22, 2014:** Tri Ficker: 2 Workshops -morning and afternoon, Tong Making intro and advanced.
- March 22, 2014:** Dave Tuthill: Demo and Open Forge TBA
- April 26, 2014:** Workshop, TBA
- May 14-18, 2014:** NWBA Blacksmith Conference

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## Sitting on the Tail Gate with Bill...

Hello Blacksmiths,

Another year has come and gone. This has been a busy year for the NWBA. We have gone a year already with the Mentoring Center. We have received \$20,000 in grant money. We have a new web page. We put on the Western States Blacksmith Conference on Mount Hood. We have had demonstrators from all over the world; Alec Steel from the UK and Freddy Rodriguez from Columbia SA, and many others from all over the US. Thanks to all of them and the many hands that helped in every and any way. Thank You!



I would also like to thank all of the board members, past and present, for all of their hard work. To the current board members who's terms are up: THANK YOU for all of your efforts and input.

Moving forward, I am hoping we can get some workshops going in the Mentoring Center in 2014. It is our hope to have workshops and demo/open forges on alternating months. Darryl Nelson will do a forge welding demo/open forge on January 25, 2014. Tri Ficker will be doing a tong making workshop on February 22nd, starting

at 9AM in the Mentoring Center, Longview, WA. Our demonstrator for the Spring Blacksmith Conference, Dorothy Steigler, is conducting a bronze forging work shop the weekend prior to conference. Contact Bruce Crittenden or Brent Christiansen for more info about this event.

We are only going to have one conference this year so there will be a extra day, Thursday through Sunday, with a lot happening every day. Slide presentations, hands-on workshops and much more. Show up early and get a spot in one of these workshops while

there is still room. Do not miss this event, save the date - May 14-18, 2014.

Well, as we move into the holidays I hope all of you and your families have a great and safe celebration.

That is about it for now, I've got a forge hot and had better get to it.

See you at the tail gate,

Bill

Keep Hammering



## Treasurer's Report

by Darryl Nelson

### NWBA Third Quarter 2013 Report

<b>Income:</b>		<b>Expenses</b>	
Conference:	44,016.90	Web/HIN:	4,530.88
Dues:	4,160.00	Conference:	40,000.19
Sales:	2,311.00	Outreach	
Donations:	2,959.00	Mentoring Center:	898.52
Auction:	7,564.00	Administration:	1,559.30
<b>Total</b>	<b>\$61,010.90</b>	Refunds:	\$673/02
		<b>Total</b>	<b>\$47,661.91</b>

# A Note from the Editor

A new year is just around the corner, bringing us a lot to look forward to. . . **and** we have a lot to be proud of looking back at 2013. . .

The establishment of the Mentoring Center in January of 2013, a physical location dedicated to the NWBA's mission, *"to promote and preserve the art and craft of blacksmithing while building friendship and good will"*, opened the door to many new opportunities.

By the end of December there will have been 8 demonstration and open forge events held at the Mentoring Center in 2013;

- January: Darryl Nelson - making finials
- February: Dean Mook - wall sconces
- March: Terry Carson - s-hooks, forks and bottle openers
- May: Scott Szloch - colonial blacksmithing
- June: Dave Lisch - pipe work
- September: Mark Manley - tool making/induction forge use
- October: Lisa Geertsen - forging pre-cut shapes
- December: Open Forge - members sharing project ideas.

And when we weren't hosting hammer-ins we were throwing an even bigger event: April was Spring Conference and August was Western States! I hope you all had a chance to participate in some or all of these great happenings.

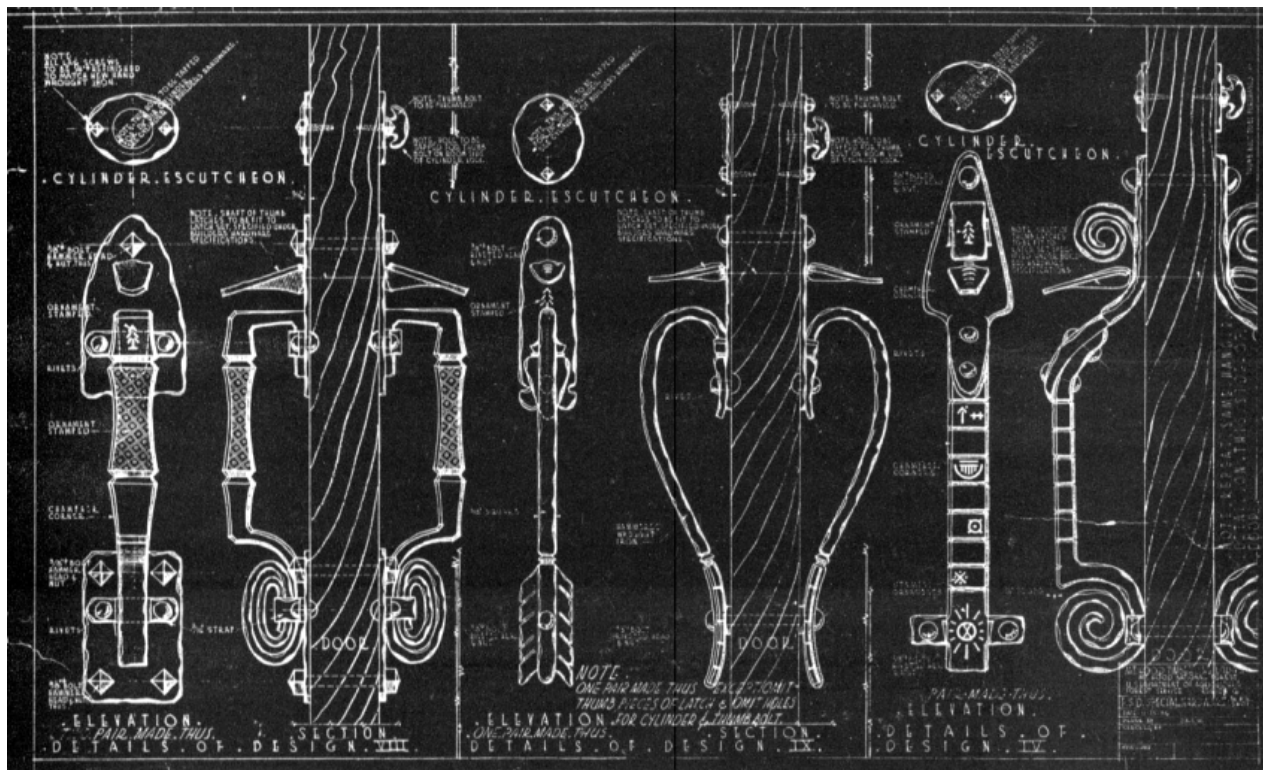
In addition to the great opportunities for learning, and for forging steel and friendships, we became eligible for significant donations from corporate and foundation sponsors. Having a 501(c)3 status was just the first step in qualifying for this generous support. By our creation of the Mentoring Center we

showed our a strong commitment to our mission, and paved the way for receiving grant monies. Now we can continue building on our successes and create even more blacksmithing opportunities. Look forward to another year full of activities in 2014, in the works are alternating Hammer-Ins/Open Forges and Workshops planned for the 4th Saturdays of each month, and a full 4 days of conference in May.

After January election results are in, I will be working under the guidance of a new board. There will be 5 outgoing members and 5 coming in. Your involvement is also needed, and your opinion matters. There are many ways to get involved, and to get your voice heard. Talk to your board members and me, your editor, about your ideas and criticisms. I am aware of many of your concerns with the website especially, and the Hot Iron News. I will be continuing to strive to improve the website, both speed and content, and I welcome your help and suggestions. My aim is to make the site a place that is easy to navigate and full of content and conversation.

I will be working to fill each Hot Iron News with relevant and new information. So, as always, I NEED and welcome your articles, photos and recommendations. Contact me via email: [nwbaweb@gmail.com](mailto:nwbaweb@gmail.com) or [webmaster@blacksmith.org](mailto:webmaster@blacksmith.org) with your questions, comments and submissions. Thank you to all who have contributed articles, photographs, news and events.

Have a safe and happy new year, Amy Mook



From Timberline Lodge original hardware blueprints: details of thumblatch door hardware. Thanks to Ike Bay for finding this.

# Upcoming NWBA Board of Directors Elections 2013

This year there are five NWBA board positions opening up. Board members are elected for a two year term. Outgoing current board members are: Darryl Nelson, Bruce Crittenden, Andrea Lisch, and Tom Ferry. Also, Bruce Weakly, who had resigned in June 2013. (Betsy Priddy has sat in Bruce Weakly's place as a temporary board member until the elections.)

Here are the candidates and their statements for the 2013 NWBA Board of Directors upcoming election:



Anne Bujold

I began working with metal as a BFA student at Oregon College of Art in 2004. My second year there, I was introduced to the idea that blacksmithing was something I might like to try. That summer I received work-study scholarships to attend blacksmithing classes at Haystack Mountain School of Craft and Penland School of Craft. I continued to pursue metal work since graduation, and in 2012 I began working for myself full-time as Riveted Rabbit Studio. Located in northeast Portland,

I make custom commission work as well as sculpture; I incorporate blacksmithing when I have the chance. Community is crucial, and I would be honored to have the opportunity to give back by serving on the NWBA Board. I am excited to contribute my energy to promoting blacksmithing in the Northwest.

Cheers,, Anne Bujold



Scott Rash

I'm a hobbyist smith living in Portland, Oregon. I'm also a manager with the research branch of the U.S. Forest Service. I joined the N.W.B.A. at the spring 2011 conference, and have attended almost every event since. At that first conference, I was blown away by the knowledge and enthusiasm of the membership and their dedication to the association's mission. Since then I've gained many skills and friendships as a result

of being a member, so I want to give back.

I have decent computer skills. I will listen to your ideas, as I think we need to continue trying new things to keep the association moving forward. I will try to keep it fun! I would be honored to serve the N.W.B.A. and its members.

Thank you, Scott Rash



Lee Cordochorea

Hello! My name is Lee Cordochorea. (At home we say "KORD-oh-kore-AY-uh," just like it's spelled.) I've been a hobbyist smith since '93 when my amazing wife gave me a copy of Bealer. I joined the NWBA in 2010, and have since felt like a kid in a candy store. I wish I had known about the Association earlier!

I have some experience helping organize events of one or two hundred people. I've also had some formal training in negotiation strategies and have some experience working as part of a team.

If chosen, I would like to work toward promoting our Association among the general public. If we can raise awareness of who we are and what we do, we can better fulfill our mission of promoting and preserving our craft. There are many resources we may tap to accomplish this.

It is an honor for me to have been nominated, and I thank you for considering my candidacy.

Lee Cordochrea, Maker of Things



Richard Tinder

Hello Blacksmiths!

My name is Richard Tinder. I would like your support for a seat on the Board of Directors for this next election and upcoming term.

A little about me, I have 30 years experience as a machinist, 27 years as a high school metal shop teacher and 35 years in different aspects of the Blacksmith trade.

I must thank the NWBA for all of its help in mentoring me, teaching me basic blacksmith skills and setting realistic goals for the students.

I will support, facilitate and help teach new members, students and Boy Scouts, including anyone else that I can help with their skills. I would appreciate any new ideas on gaining new members, improving our open forges and conferences that help the greatest number of our members.

I, again, will appreciate any and all support in helping me make this next year better for all members.

Thanks, Richard L. Tinder



Lynn Gledhill

My name is Lynn Gledhill.

Some of you may have met me at one of the conferences. I ran the "hands-on" classes last conference. I am a hobby smith trying to go pro. I have learned so much from the NWBA and I want to give back. I want to see our conferences be fun, interesting, educational, and self supporting. I also want for our website to be as fun and interesting as it once was. I hope to be able to help steer the NWBA through the obstacles to being the best blacksmith group in the country, if not the world.

All the best, Lynn

Your ballots and the candidate statements should be in the mail by the middle of the month. You will be able to vote for five candidates. There were only five members running for the board, so to prevent it from being a complete shoe in, there will be a place on your ballots for a write in candidate.

Good luck to all the candidates.  
Members, these will be the people to ask,  
"How can I help?"

## Corporate and Foundation Sponsors and the NWBA

The year 2013 has been a banner year for receiving donations. The establishment of our Mentoring Center in Longview, WA has been pivotal in qualifying the NWBA to receive this kind of support. Large institutions, both corporations and foundations, that have funds earmarked for donation, want to see that recipient organizations are materially invested in their mission and projects. With the Mentoring Center, and all it takes to support it, we have shown that we are deeply invested in the NWBA's mission, "to promote and preserve the art and craft of blacksmithing while building friendship and good will", with our volunteers' time and financially. In addition, having an education center, an actual physical location, gives donors a place to support, not just the intangible idea of promoting the craft of blacksmithing.

The turnout at our Mentoring Center events is proof that this is something the members want and will use. Each event drew a crowd of at least 60 people, about 1/4 - 1/3 the attendance of a full conference. It is important that we continue to invest our time and resources in the Mentoring Center, to provide more learning opportunities for our members, and to show potential donors the seriousness of our commitment.

This year we have received over \$20,000 in donations:

- \$10,000 from the Wichita Falls Area Community Foundation
- \$5,000 from Simpson Tacoma Kraft Company
- \$4369 from Microsoft Corp. through their matching funds for volunteer hours program and volunteer Tracy Lauricella.
- \$2000 from Creative Metal Arts, owner Brent Christiansen.
- \$2000 from Meridian Forge, owner Darryl Nelson.



The funds received from the Wichita Falls Area Community Foundation (WFACF) were specifically earmarked for our Mentoring Center, the core of our outreach efforts. Betsy Priddy, a board member of the WFACF, was key in granting us their support. She is a long time member of the NWBA, and has been temporarily sitting on our board of directors in the place of Bruce Weakly (only until the new term of officers is elected for 2014). Betsy is someone who knows a lot about foundation and corporate grant processes, and she has strongly advised us to charge a nominal fee to our monthly Mentoring Center events. The reasoning is straight forward, if the members themselves do not want to invest in their own organization why would an outside organization want to? The WFACF wants to continue to support the NWBA but will require that the membership materially participates in the ongoing support of our own Mentoring Center.

**Simpson** Simpson Tacoma Kraft Company has also generously donated funds in support of our Mentoring Center. \$2500 of their grant money was for the purpose of buying equipment needed at the center. It was voted at the October 2013 board meeting to spend those funds on a tire power hammer built by Larry Langdon (shown in cover photo of this HIN). The hammer will be available for use at the monthly events and at our conferences. The remaining funds will go toward whatever we need for keeping the Mentoring Center open and to provide funds to hire workshop and open forge demonstrators as needed. We should be able to draw high caliber talent with the ability to offer payment for their services. In addition to the cash donations from Simpson, Bill Apple (our president and employee of Simpson) has received as a materials from Simpson for various projects: pipe for gas plumbing at the Mentoring Center, materials needed to build the striking anvils at our Spring conference in 2013, and more. We have Bill to thank for all the work he has done to make these donations possible.



Tracy Lauricella has done an amazing amount of outreach work through Boyscout Camp Hahobas. As an employee of Microsoft Corp. he was able to apply for matching funds through their charitable giving program. The program matched Tracy's volunteer hours, an amazing 257 hours, with a cash donation. Tracy also does a fantastic job of mentoring at our monthly events and conferences, he always has a few eager young smiths in tow. Thank you Tracy, your hard work has given back to the NWBA in so many ways.

The donations from Creative Metal Arts and Meridian Forge were designated as sponsorship of the Western States Blacksmith Conference 2013. These donations definitely helped defray some of the costs for this huge production. The funds donated by Meridian Forge were in addition to the literally hundreds of hours that Darryl spent putting all the pieces in place for this world class event. Thank you Darryl and Brent for your generous support.

Another significant donation came from the estate of Jim Holdaway. He had a vast collection of blacksmith tools, and many were donated to the NWBA. Some of the tools have been added to our equipment supply, some was given to Camp Hahobas blacksmithing program. There are still many tools leftover, and these will likely be sold at one of our conference auctions.

The plans are in place to continue and expand our outreach programs, which are greatly supported by grant money such as we have received. The Mentoring Center will host monthly events, alternating between Demo/Open Forges and Workshops. There will be a small fee charged for these events, a necessity to both pay for the demonstrators, space, equipment, gas and materials needed, and to show to our sponsors and donors that we are serious about our commitment to our own organization.

It is also possible that even more events could take place at the Mentoring Center, outside of our fourth Saturday of the month schedule. Have an idea for a workshop or open forge? Bring it to your NWBA board of directors and let's make it happen!

# Camp Hahobas 2013 Update: An Outreach Success Story

*Photos and article by Tracy Lauricella*

This year, the NWBA donated around \$1200 in steel, safety equipment and fuel to the Camp Hahobas Boy Scout Camp blacksmithing program. With these supplies, we ran the blacksmithing program for the entire summer camp season, plus some after-camp sessions with other youth organizations.

Specifically, we ran:

- Five 1-week sessions of instruction for a total of ~250-300 Boy Scout youth (boys). These young men had 10 hours of instruction over a 1-week period, plus we had a supervised self-paced work time in the afternoon, 3 hours each day for 5 days. Most of these scouts were being exposed to blacksmithing for the first time. They learned some basic skills, such as scrolling, tapering, heat treating/tempering, making riveted joinery, etc. We also had a group of returning scouts whom had been in the program last year. These young men were enrolled in our "advanced class" where they learned to make a folded forge-welded tomahawk, which they then got to use on our tomahawk range.
- Evening program classes for 150 Scout leaders attending camp with their boys (mostly adult men, but some adult women as well)
- We ran two 3-hour lessons for these leaders each week during the five 1-week sessions of camp. They made a variety of traditional projects, including dinner bells, campfire cooking tripods, flint strikers, tomahawks, etc.
- 1 Week of instruction for ~200 High School JROTC Marine cadets (boys and girls)
- 1 day of instruction for 80 High School JROTC Air Force cadets (boys and girls)
- 1 day of instruction of 60 High School JROTC Army cadets. (boys and girls)

These three groups came from local high schools and were a pretty even mix of young men and women. Those attending the 1 week session went through a similar program to what we offered scouts. The 1-day session attendees just made simple steak turners, as they had limited time.



Photos in this article are all views of the outdoor smithy and some of the people who went through our Camp Hahobas program.



## Camp Hahobas Update continued...



In total, we had from 750-800 individuals come through the blacksmithing area, at varying levels of instruction, the majority of them being between ages 14-18. I would be happy to detail more specifically what was taught to each group if anyone wants to contact me more information. (Plus, for those interested, I posted lesson plans for the Merit Badge classes to the NWBA forums.)

Since I volunteer my time at these events, and since I was there acting on behalf of the NWBA's Outreach and Education mission as a non-profit, I have been able to match my volunteer hours through my employer's (Microsoft's) charitable giving program. I logged 257 volunteer hours, which equated to \$4369 in charitable donations to the NWBA. This represented about half my work with the scouts. (The other half of my work was not directly related to the blacksmithing outreach and education program, and I therefore matched those volunteer hours to the BSA.)

I think this program serves as a valuable introduction to blacksmithing for young folks, and works very well to help fulfill the NWBA's mission of outreach and education, and I hope we can continue to work together in the years to come to continue to offer this program to young people interested in the craft of blacksmithing. Thank you to the NWBA for helping make this program possible and bringing blacksmithing to so many young people.

*Note from the Editor: The NWBA has been actively partnering with Boy Scout Camp Hahobas since 2011, thanks to the efforts of Tracy Lauricella. Tracy has been working with the scouts and other groups through programs he runs at the camp, since 2008. For more information see Hot Iron News issue 2012-3, available online in our Hot Iron News Archive.*



## Hammer Time!!

### Hey Hobby Smiths: A Hammer Making Challenge

- Take a chunk of W-1 steel and a spec. sheet (available from Bruce Crittenden, see contact info below)
- Using hand tools...slit, drift, punch, flatter, striker...forge your hammerhead
- NO power hammers, please.
- Bring to \*Spring 2014 Conference to put in the hammer gallery
- Prizes will be awarded at the conference for your Hammer-Time efforts

### Hints:

- Ask questions online or of your fellow smiths
- Solid fuel is handy to harden your forged finished head.
- If you need or prefer, contact the conference coordinator for use of a coal fire.

Bruce Crittenden: [jn3bees@olypen.com](mailto:jn3bees@olypen.com) Phone: 360-437-2922

### NEXT: TONG-TIME!! Look for details coming soon.

\*NWBA Spring Conference 2014, Longview, WA... more info coming soon.

(Membership required to attend our conferences, as required by our insurance coverage.)



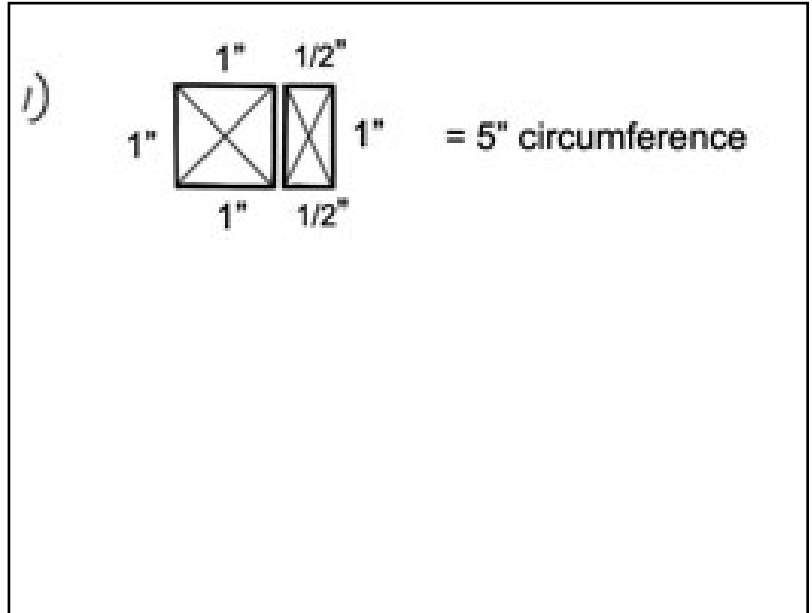
# Mark Manley: Tool Making using an Induction Forge

Fourth Saturday - September 28, 2013, NWBA Mentoring Center, Longview, WA

Article and Photos by Hardie Swage

Mark did a great presentation on tool making. He concentrated on handled tools and how to put eyes in to take the handles. He reminded all of us that eye making tools are part of a system.

The system you use dictates the tooling and the sequence that they are used in. Stock removal and punching were covered briefly (punches have "Suck" that makes a depression surrounding the hole). The slit and drift method, which makes a cleaner eye, got the majority of the coverage in his presentation. Mark has a source for medium carbon hex stock and you can see he uses it for a wide variety of punches, chisels and drifts. The medium carbon material holds up well in heavy use, and he demonstrated that concept throughout the morning. The accompanying photos speak for themselves.



The variety of tools is great.



It all starts with the eye.

Mark let the eye walls stay as they expand in the process. You may remember the Alex Steele demos at the Longview conference in the spring of 2013. He used a short undersized chisel/drift to make the eyehole and a long drift to reshape the eye as it deformed as he worked the bulge out. The long drift replaced tongs to hold the short hammer blank. Brent Bailey showed us a similar system in 2008.



Tools tongs and tool..

A lot of instructors have used and taught us about tong held tools. Mark has taken the extra step of forging in a square section that gives the tongs a good grip, and also keeps the tool from moving up and down in the tongs.

I have had the pleasure of attending most of the 4th Saturday events in Longview. A sincere thanks to all the instructors that took the time, trouble and expense of making these gatherings such a success, and hope they continue. I for one would be willing to pay a fee to insure out of pocket costs are covered and a little extra for the teacher.



Eye drift punch.



Radius hot cut.



Set hammer, end upset to get it square.

Mark Manley and the induction forge he used at the demo/open forge in September.

# More Hammer Pics from the Archives of Hardie Swage



Phil Baldwin Hammers 1979



Another Phil Baldwin Hammer from the late 70's



An Ike Bay hammer from the same period



"Fat Albert" hand sledge made from 2" SQ W-1 stock back in 1979



Williamsburg style hammer by Jay Close



A Darryl Nelson hammer

At right and below: Tools used or made by Alec Steele at the NWBA's Spring Conference 2013.



Two views of an eye punch.



Tools made by Alec Steele at Spring Conference 2013. Point on punch can "feel" the index mark on the hammer blank.



A forging hammer from round stock (wrist pins from truck repair shops make good inexpensive material source)



Two views: A hot cut tool.



# Lisa Geertsen: Techniques and Tips for Forging Pre-Cut Shapes

## Fourth Saturday - October 26, 2013, NWBA Mentoring Center, Longview, WA

The Mentoring Center was once again host to a full house of blacksmiths at the October demonstration and open forge, over 60 members were in attendance. Lisa Geertsen demonstrated turning plasma cut steel shapes into artistic and creative forms. The shapes she used are part of the huge selection of plasma cut items available from Brent Christiansen's business Creative Metal Arts. Brent has a nice selection of his product for sale at most of our events, and he generously donated all the materials used at this event.

Most of the shapes were natural plant shapes, with the exception of the bottle opener blank. Lisa used an assortment of straight peen hammers with different face radii and a big cross peen to get the textures and curve effects she wanted. She generally textured one side of the piece she was working. Emphasizing the importance of deliberate and controlled hammer work Lisa said, "As you guys know, the angle of the hammer blows dictates where the metal moves." Lisa then proceeded to show the crowd quite a few handy techniques to achieve your desired result, these are just a few:

- Pivot the piece *and* the hammer to get the angle you need.
- Work from the center to the edge, working out to get an even spread.
- Work opposites, as when working flower petals, texture one petal then its opposite, working around the piece.
- Treat every blow and stroke as draw lines, moving the piece.
- Shape the piece after applying all texture. (for leaves with center vein: fold leaf, texture inwards, along vein line, then open and add more shaping)
- ***Remember, every hammer stroke shows!***



Some of the variety of shape blanks Lisa used in her demonstration.



Thank you Lisa for your time and expertise. Thank you Brent for your ongoing support of the NWBA and these events.



**NOTICE:** If you have an idea for a demonstration/open forge, or one day workshop that you would like to offer in 2014 through the Mentoring Center's monthly events, please contact Mentoring Center event coordinator Dean Mook: [info@deanmook.com](mailto:info@deanmook.com), Phone 360-774-0553

# Spring 2014 NWBA Conference

- ART IN METAL. -

Celebrate 35 years of Blacksmithing History

May 14 thru 18, 2014

Cowlitz County Regional Conference Center  
Longview, Washington

Make your plans now to attend a blacksmithing tradition  
West Coast Demonstrators Extraordinaire.

Raffles Tailgate Sales Gallery Library Auction Banquet Hands-on  
Side Show Events Venders Food A Dutch Oven Cook Off  
PRIZES And REWARDS

For an interesting alternative, we will be inviting the public to participate in tours of our event both in the demonstration and gallery / auction areas. Education and information will be the focus of the conference theme. Best of all, you are a participant. Check into Hammer-Time as a fun and practical way to be involved and rewarded.

So, spread the word , invite your friends, and stay tuned for more information in Spring 2014.

If you have questions or comments, contact Brent Christiansen or Bruce Crittenden, your conference hosts.

All board members are also available for your assistance.

Bruce Crittenden: [jn3bees@olypen.com](mailto:jn3bees@olypen.com) Phone: 360-437-2922  
Brent Christiansen: [metalartsman@comcast.net](mailto:metalartsman@comcast.net) Phone: 503-663-3919

## HEY...AL BART...

**I think I'm beginning to see a pattern here!!**

*by Bruce Crittenden*

The benefits of the Al Bart Memorial Grant Program are far reaching, both within the NWBA and beyond. At a recent monthly meeting in Longview, nominations for directors for the coming years were called for by our president Bill Apple. I realized after hearing some of the names that they were very familiar to me. Well, the reason was that about half the names called out were previous Al Bart Grant recipients...I think I am beginning to see a pattern here...These people not only continue to serve our membership, they continue to make an investment in themselves. Our past Hot Iron News has contained many articles of these peoples' experiences from the NWBA's grants program. Our conferences contain workshops, hands-on, and gallery/auction items which would not be available to you if not for the grants program. If you have attended a conference, you have been exposed to the grants program in one way or another.

Please consider participating in the grants program. You will be contributing to the whole of the Blacksmith Association and making an investment in your blacksmithing skills and education. After your involvement I am sure you will agree...we are starting to see a pattern here! Contact any board member or the grants committee by phone or e-mail today. You will end up being a better smith for it and helping your fellow smiths.

More information about the Al Bart Grant can be found on our website:

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

Or contact Bruce Crittenden, Al Bart Grant Chair: [jn3bees@olypen.com](mailto:jn3bees@olypen.com) Phone:360-437-2922



Al Bart  
photo taken from Pam Bart Carter's  
(Al Bart's daughter) Facebook page

by Tim Middaugh

The Al Bart Memorial Grant was established by the NWBA to fund education for those NWBA members who would like to improve their blacksmithing skills and pass their knowledge on to others. Participating members may be of any age and any skill level. The key is that they wish to learn more and serve as a conduit, passing on what they have learned to others.

Sometime in 1978 Al Bart, a long time blacksmith from Yreka, California, had a sense of urgency. With a failing heart and a 6 month prognosis to live, he contacted young blacksmiths in his area and attempted to teach them as much as he could with the time he had left.

Some say that this tough, old school, logging and industrial blacksmith underwent a "softening epiphany" as he decided to share as much as possible. A young Darryl Nelson, who met Al during this time, said he was "an absolute wizard in tool making and forging for industrial logging... and you could not ever meet a nicer guy." Al didn't travel much and was known primarily for his work in the proximity of Ashland, Oregon, Yreka, California and the surrounding areas. Those who knew Al's work could see that it was equal to the more well known smiths of his day who held

national reputations. This quiet and enthusiastic man shared his mastery in a kind and even handed manner.

Al developed a following of approximately 20 to 30 smiths eager to absorb his knowledge. Too far south to be Oregonians, and too far north to be Californians, they called themselves the State of Jefferson Blacksmiths, as they all lived in the mythical state that lies

## History of the Al Bart Grant

- An absolute wizard in tool making.
- Unparalleled wit and a sly sense of humor.
- Tough and old school.
- You could not ever meet a nicer guy.

somewhere between Oregon and California. Some of his students say that it was the teaching itself that jump started his heart and his life, and tacked a additional 18 years onto that 6 months that the physician gave him to live.

Al's wit and sly sense of humor were unparalleled. A young and nervous demonstrator asked Al for some advice before he demonstrated the first time at a NWBA Conference. Al told him

"just make sure your fly is up or no one will take you seriously." The young smith went on to give an excellent demonstration, even though the curious crowd noted that he had a certain compulsion for repeatedly checking his fly.

At the 10th Anniversary NWBA Conference in Ashford, Washington, Al was a demonstrator. On the morning of the second day, Al saw that the forge was locked. Never short on enthusiasm, he quickly climbed through a window and went to work – not bad for a man in his eighties. Al Bart's decision to give of himself made his last eighteen years very special. One smith reported that he worked a full day with Al near the end of his life and he appeared to be as strong as ever.

In the end, Al's death came quickly. On March 19, 1996 while climbing to trim his fruit trees he was felled by a stroke. When others had offered

to trim the trees Al noted "I planted them, I should trim them!" Friends remember that his fruit trees were one of his great loves.

Upon Al's death, funds were contributed by his students and others to start the Al Bart Grant. Today, the NWBA funds this program as part of our operating budget. The Grant has served as a confidence builder to many. The maxim holds true, "we learn the most when we teach others."

## The Al Bart Memorial Grant

## Western States Blacksmith Wars

### Rubik's Twist ~ a design element used by the Oaks Bottom Forge Team

Reprint from California Blacksmith Association bi-monthly publication California Blacksmith No. 13-06 November December 2013 by editor Mike Mumford

A Rubik's twist with an additional curve decorates the table.



Wayne Dillon, of the Oaks Bottom Forge Team, shared this neat design which gives the impression of a twisted stack of little metal cubes. Here's how to create this interesting element:

Start with square stock, appears here to be about 5/8" square.

#### 1. Groove the center.

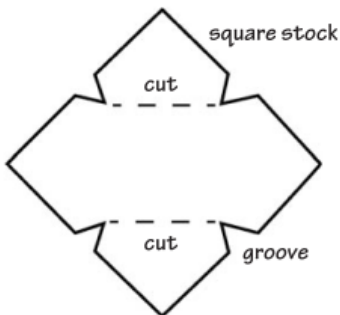
Create a groove running down the center of each face of the section to be twisted. Wayne and the team used a fly press for accurate control of positioning and depth.



Grooving the center lines in the flypress.

#### 2. Cut.

Make diagonal cuts on opposite sides. (see drawing) Cut with either chisel or saw, they should run to just shy of the grooves and spaced so that the resultant pieces look like little cubes.

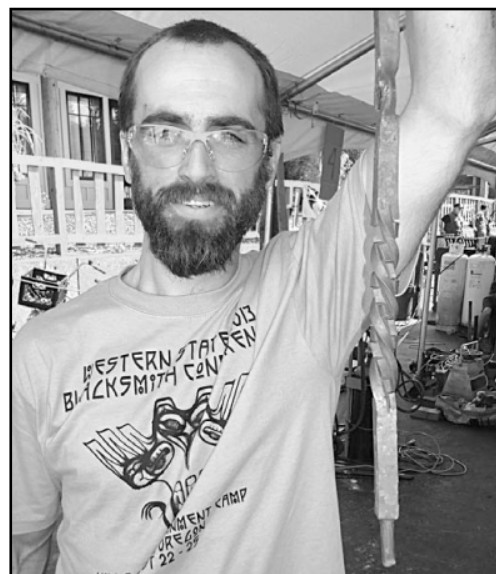


#### 3. Twist.

Heat the grooved and cut section evenly, then twist. The little cubes should separate into even elements and start to appear.

#### 4. Clean it up and you're done!

Thanks to Wayne Dillon (right) and the Oaks Bottom Forge Team for sharing this with us at the Western States Conference. Oaks Bottom Forge is located in Portland, Oregon. On the team with Wayne were Tom Myers, Pat Wojciechowski, and Mark Eichinger-Wiese.



Wayne Dillon

# Inland Northwest Hammer-In and Swap Meets 2013

Photos and story by Steve McGrew

This year there were two well attended hammer-ins and swap meets held in Eastern Washington, hosted by Ron and Trudy Weston and Steve McGrew. These events give the blacksmiths, especially those who are far from the Mentoring Center in Longview, WA, a chance to get together and share their passion for everything blacksmithing. Thanks to Steve McGrew for sharing pictures and stories of the events with us, they are a great inspiration to others who may be thinking about hosting their own hammer-in. Hammer-ins and other gatherings that invite smiths to learn and share with one another are exactly what the NWBA is about: "dedication to education and the preservation of the art and craft of blacksmithing." ~Editor

## The hammer-in at Ron Weston's place on May 18th and 19th, 2013 was a ringing success!

About 45 smiths and camp followers attended over the weekend. We had four forges going most of the time, with experts demonstrating and offering advice while novices made spike knives, coat hooks, steak turners, leaves, bottle openers, and more.



Will and Steve



Mike's coat hook



Nick's steak turner



Nice job, Clay!



"You start by making a pyramid on the end --"

Ron demonstrated his home-made power hammer, hydraulic press, fly press and belt sander. At lunch time he fired his bowling ball cannon, totally smashing a target made of 8-inch pine logs tied together by 1" rebar. Saturday evening Ron's dragon came to life, emitting great fiery blasts of dragon breath.

Steve demonstrated the steps for making a wrapped rose, and his method for making forge-welded chain. Ron demonstrated several twists including a pineapple twist, and demonstrated his aluminum casting techniques.



Forge welding a chain link



The dragon awakes.



Ron and his power hammer.



Ready, aim-- Fire!



People showed their creations in the exhibit space. Don's Lightfoot's salmon serving dish, Jess Chaney's iron flowers, Steve McGrew's knives and iris sculpture, John Huffstutter's myriad pieces, Ray Wilder's chain mail, and David Kailey's walnut & iron tables were highlights of the exhibit.



Ray explaining chain mail.



Don's salmon platter.



Steve's cattail sculpture.

Trudy made enough of her delicious elk chili to feed everyone on Saturday and Sunday, and provided all the water and hot coffee we could drink.

Ron Weston's work surrounded us, from the hinges and latches on his workshop and sheds, to the sculpture path lined with sculptures, and to his digital sundial. Ron is an amazing and prolific metal artist.



Sharon and Trudy kept us fed.



Ron's Cranes



Ron's Dino



Ron's Digital Sun Dial



Ron's Rock Fish



Ron's Ant Family

# Columbia Fire & Iron - Hammer-In and Swap Meet for the Inland Northwest October 19-20, 2013 Hosted by Ron and Trudy Weston and Steve McGrew

Wow! The October 19-20 hammer-in drew about 60 people.

We had 6 forges going nonstop, with a wide range of demos and hands-on lessons:

Russian trade knife

Spike knives

Pineapple twist

Animal heads

Coat hooks

Wedge joinery

Spiral baskets

Leaves

Mortise & tenon

and more--

Demonstrators included Francis "Pawnee" Buckley, John Huffstutter, Ron Wailes, Ron Weston, Steve McGrew, and Dave Gause.

Ron Weston's cannon shot bowling balls completely out of sight, and his pet dragon roared flame.

Tailgate sales went well, with pole vises, coal and coke, anvils, and tool steel rods moving briskly.

Tom Kunkel brought a few hundred pounds of apples, and Steve McGrew's family brought a hand-cranked a cider press that kept the crowd supplied with delicious fresh-squeezed apple juice.

Our heart-felt thanks go out to Ron and Trudy Weston for generously sharing their land, shop, home and garage to make this gathering possible!





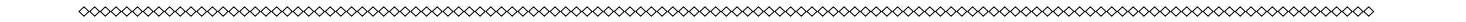
Dave Gause discussing his demo.



From the right: unnamed woman, Ben McGrew, Raven Frady, cider press and Sharon McGrew

**All blacksmiths in the Inland Northwest were invited to this gathering.**

***"Hammer-in": an informal gathering where people interested in blacksmithing make friends, trade smithing techniques, and help beginners.***



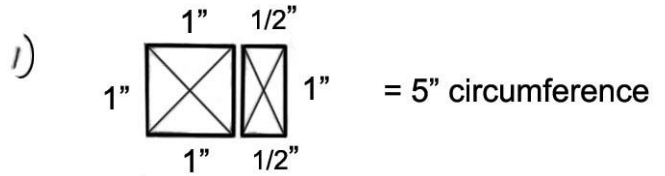
*Editors Note: My apologies for not including more information on the photos, not all information was available so there are not many captions. The main point is that members make a difference in our organization. The McGrew and Weston families show what commitment, enthusiasm, and hospitality can create. 45 attended one of their events and 60 attended the other... quite an impressive outreach! Consider collaborating with friends to put on your own hammer-in day or weekend. Every effort strengthens the Northwest Blacksmith Association, as members get to know one another better, learn and create together, the power of our mission grows... and blacksmithing skills too!*

# How to: The Collar Making Process *by Jim von Mosch*

I am passing on the method for forming collars that I learned at Old West Forge. I was asked about this process at the spring conference, and I figured others might be asking also.

First, choose your collar stock. In this example I am using 1/4" x 3/4". Go ahead and texture and chamfer the length you need for all your collars.

1: Add up the circumference of the bars to be collared. If you are connecting a 1"x1/2" bar to a 1" square bar, the sum of all the sides when together will be 5", then add 2-1/2 times the collar stock thickness. In this case 2-1/2 times 1/4" equals 5/8". So...we need 5-5/8" of collar stock.



2: Scarf both ends – the top on one end and the bottom on the other end.

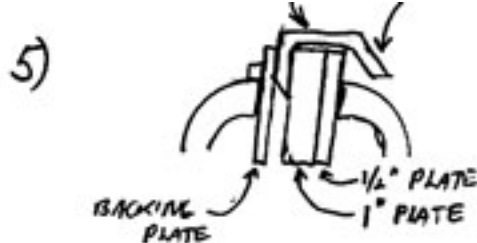
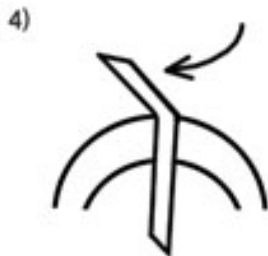


3: Locate the center of the collar. Measure back 1/2 the dimension of the face of the front side away from the center and make a punch mark. In this example I am calling the front the 1-1/2" side.



4: Heat the collar and put it in the vise at the punch mark and hit it back with shearing blows until it is nearly 90%, then square it up.

5: Pinch the hot collar between a backing plate and a mandril of shims of the correct size to match the width of the face. Use shearing blows to form a clip in the shape of a "U".



6: Heat the collar up again and place it under the pieces to be joined. "Set" the collar using a good blow on a piece of scrap square stock.



7: Use vise grips to "set" the collar from side to side, bring ends down with shearing blows (making sure to close the "bottom" one first, duh).

A couple of notes: The last step can be facilitated with a torch. Using shearing blows, setting the collar well with the scrap and vise grips will help get a good tight collar. It helps to have a fabricated backing plate that won't fall through the vise, and it helps to have a good supply of bar stock of different thicknesses to make up whatever mandrel size you need. I have seen sets made up with a hole to hold them together, all of them the same rectangular size – perhaps 2"x4".



Editor's Note:  
As an example, a close-up of a collaring of 3 bars together.  
Photo from the NRBA Spring Conference 2010, found at:  
[http://www.hallowellco.com/nrba\\_2010%20spring\\_conference%20machler.htm](http://www.hallowellco.com/nrba_2010%20spring_conference%20machler.htm)

## OUR LIBRARY, A Benefit for Current NWBA Members

NWBA has a great resource for its members, a lending library with close to 200 books and DVDs to select from. Members are permitted to check out 3 books and/or DVDs at a time, and they are shipped directly to you via US Mail. All materials are to be returned within three weeks to the librarian (address below).

Please use the form at our website ([www.blacksmith.org/library/](http://www.blacksmith.org/library/)) or email the librarian directly, or, send your book order to our librarian via US Mail. Contact the librarian at the following email and address:

Librarian: Marie Churney

E mail: [churneym@comcast.net](mailto:churneym@comcast.net)

Or write:

Marie Churney

NWBA Library

15702 62nd Ave E

Puyallup, WA 98375

### **AVAILABLE TITLES:**

ABC's of Iron

ABC of Iron, School of Correction

Alfred Habermann – Blacksmith Designe

American Antipue Weathervanesr

American Blacksmith

Antique Metalware

Antler and Iron (A mountain man's knife)

Anvils in America

Architectural Ironwork (1990's metal artists)

Art Deco Decorative Ironwork

Art Deco Ironwork and Sculpture

Art Nouveau – Decorative Iron Work

Art Objects by Tula Craftsmen

Art of Blacksmithing

Art of Engraving

Art of Traditional Blacksmithing Norwegian

Art of Wrought Metalwork for House and Garden, the

Artist Blacksmith, the

Artist Blacksmith, the

Aspery, Mark conference DVD Backyard Blacksmith, the

Basic Bladesmithing Information

Basic Pouch Sheath DVD

Beautiful Iron – The Pursuit of Excellence

Best of the Bits Vol. I, II

Best of the Hammer, Vol 1,2,3

Big Hammer, the

Blacksithing

Blacksmith – Ironworker and Farrier, the

Blacksmith and Hammerman's Emporium, A

Blacksmith and His Art, the

Blacksmith Boondogle DVD

Blacksmith Cookbook, the

Blacksmithing for the HomeCraftsman

Blacksmiths Craft, a

Blacksmiths Manual

Blueprint Reading for Welders

Build Your Own Hydraulic PressCancelli D'Italia Vol. 2

Catalogue of Drawings – Wrought Iron Gates

Catalogue of Drawings for Wrought Iron Work

Charleston Ironwork

Chasing and some repousse' basics

Classic Wrought Ironwork Patterns and Design

Classical Techniques of Hand Forged Iron Embossing

Colonial Wrought Iron (the Sorber Collection)

Coloring, Bronzing, Patination of Metals

Complete Bladesith – Forging Your Way to Perfection, the

Contemporary Blacksmith, the

Copper Candle Cups/ Tlols and Techniques

Copper Work

Cupola Furnace

Custom Folding Knife

Damascus Blade A – Z, a DVD

Das Eisenwerk (Encyclopedia of European Architectural Iron)

Davies Brothers Gatesmiths

Decoraive Ironwork Design

Decorative Ironwork – Gates and Fences

Decorative Ironwork (European)

Decorative Sculptural Ironwork

Decorativeand Sculptural Ironwork

Designs and Products of the Forge

Drop Forging

## **AVAILABLE LIBRARY TITLES *continued***

Early American Wrought Iron  
Early Ironware  
Early Tools & Equipment  
Edge of the Anvil, the  
Elementary Forge Practice  
Elliott Joe conference, Gloyne DVD  
Encyclopedia of Decorative Ironwork, 12th through 18th centuries  
Encyclopedia of Rawhide & Leather Braiding  
Engler, Marcus and Gary conference DVD  
English Weathervanes  
Enseiges, Heutoirs, Serrures (Museum Iron Pieces)

Farm Blacksmithing  
Fer Forge  
Fifty Dollar Knife Shop – Making Wire Damascus, your own Tools, the  
Fireplace Accessories  
Fly Press, the DVD  
Foldforming Metal  
Forge Work  
Forgeweldng Cable and Striped Damascus  
Forging a Bearded Viking Axe DVD  
Forging a compass with Peter Ross – DVD  
Forging Solutions – Power Hammer Techniques Vol 1 DVD  
Forging, Construction, and Function of the Using Knif (52100 steel) DVD  
French Art Deco Ironwork Design  
French Traditional – High End/Gilded (G. Poillerat)  
From Fire to Form

Gas Burners  
Gas Metal Arc Weldng  
Gas TungstenArk Welding  
Gehlsen, D. conference DVD  
Golden Age of Ironwork, the  
Guide to Tool Steels – Composition & Trade Names

Hammered Copper  
Hammer's Bloe 1/1 through 4/1  
Hand Forged Knife – An Introduction to Working Modern Tool Steels, the  
Hand forged Knife, the  
Handbook of Ornament

Hardening, Tempering, Annealing and Forging Steel  
Harle, Jorgen conference DVD  
Heat Treatment and Properties of Iron and Steel  
Heat Treatment Selection – Tool Steel  
Hot Tips unday, conference DVD  
How to make a Blacksmith Bellows  
How to Make Folding Knives

Introduction to Knife Sharpeing DVD  
Intuitively Creative Metalworking Design  
Iron Menagerie  
Ironwork Today  
Ironwork Today 2 Inside and Out

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Knife Sharpening DVDLa Ferronnerie D'Art

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Little Ugliers  
Lives Shaped By Steel  
Lock from IranMachine Blacksmithng

Machine Forging  
Magiche Forme – Design of Sculpture  
Manes, Art KNives: Beyond the Samurai Sword DVD  
Manual of Locksmithing  
Master Bladesmith – Advanced Studies in Steel, the  
Masterpieces of Italian Decorative Ironwork  
Medieval Decorative Ironwork in England  
Metal Designs  
Metal Design International 1999  
Metal Design International 2000  
Metal Design International 2001  
Metal Design International 2002  
Metal Design International 2003  
Metal Design International 2004  
Metal Design International 2005  
Metal Design International 2006  
Metal Design International 2007  
Metal Design International 2008  
Metal Design International 2009  
Metal Design International 2010

## ***AVAILABLE LIBRARY TITLES continued***

Metal Design International 2011  
Metal Design International 2012  
Metal Design International 2013  
Metallurgy Fundamentals  
Metals and How to Use Them  
Modern Blacksmith, the  
Modern Wrought Iron  
Mokume Gane – a comprehensive study  
Mousehole Forge – Mousehole Anvil History  
Moving Metal – the Art of Chasing and Repousse'  
My Life as an Artist Blacksmith Nahm Hersom,  
Repousse'

Nature and Art of Workmanship  
Nautical Iron PriArc Welding  
Nieminen, Junko conference DVD  
Nucor Steel Seattle, Inc

Passion and Power: Iron Artists in the Western U.S.  
Patinas for Small Studios  
Pattern Book for Artsmiths, The Anvil's Ring 10th  
Anniv.  
Pattern Book for the Artist Blacksmith  
Pattern Cut-out Device  
Pattern Welded Blade – Artistry in Iron, the  
Penny Knife – Tools and Techniques to make a  
Colonial Stule Folding Knife  
Plain and Ornamental Forging  
Plans for the Modified Treadle Hammer  
Plans for the Simple Air Hammer  
Plans/Drawings for a recuperative gas forge  
Pounding out the Profits  
Power Hammer Work  
Power Repousse Using Power Hammers and Hand-  
Held Air Hammers DVD  
Practical Blacksmithing and Metal Working  
Practical Metallurgy  
Practical Projects for the Belding  
Professional Smithing  
Punches, Dies & Tools for Manufacturing in Presses

Ranenen, Ray -Conference DVD  
Repousse;: Techniques Using Forms to Cteate  
Designs in a Negative Space DVD

Samuel Yellin – Metalworker  
Secrets of the Forge, Italian and English text  
Shaping of Metal  
Shop Drawings  
Skills of a Blacksmith – Mastering the Fundamentals  
of B.S. Vol 1, 2  
Smithys Craft and Tools, the  
Soldering and Brazing  
Southwestern Colonial Ironwork  
Special Steels – Types and Specifications  
Steel Rolling Mill  
Stuart Hill, Metal Works  
Swedish Blacksmithing

Tomahawks Traditional to Tactical  
Toni Benetton, The Genius of Iron  
Torure and Punishment Devices  
Treadle Hammer Tools  
Treasury of Iron Work Design – 469 Historical  
Examples

U.S. Navy Foundry Manual  
Useful, the Beautiful, the

Weathervanes – Historical to Modern  
Weathervanes – Past and Present  
Welding Filler Metal DataBook  
Wonder of Knifemaking, theWork Methods & Tools of  
the AArtist Blacksmith  
Working Folding Knife, the  
Wrought Iron and its Decorative Use  
Wrought Iron Artistry  
Wrought Iron Designs  
Wrought Iron Encyclopedia, Balcony Railings, Grilles,  
and Fences  
Wrought Iron Encyclopedia, Stair Railings  
Wrought Ironwork  
Wrought Metalwork

### **Access to the NWBA Lending Library**

- another great reason to keep up your  
membership in the NWBA!

# 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

At Incandescent Ironworks I teach introductory and intermediate blacksmithing, introductory and intermediate knife making, and tailored instruction on selected smithing topics.

Contact: Steve McGrew:

[stevem@incandescent-iron.com](mailto:stevem@incandescent-iron.com)

[www.incandescent-iron.com/blcl.html](http://www.incandescent-iron.com/blcl.html)

## Meridian Forge LLC

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

Contact: Darryl Nelson: [meridianforge@hotmail.com](mailto: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](mailto:tim@oldwestforge.com).

Current classes are listed at [www.oldwestforge.com](http://www.oldwestforge.com)

## Pratt Fine Arts Center

1902 South Main Street  
Seattle, WA 98144  
<http://www.pratt.org/>  
Phone: 206.328.2200  
Fax: 206.328.1260  
Email: [info@pratt.org](mailto:info@pratt.org)

## Studio 4 Forging Facility LLC

A state of the art Knife Making and Blacksmith school in Seattle.  
3600 E Marginal Way S. #4

Seattle WA 98134

email David Lisch: [studio4@davidlisch.com](mailto:studio4@davidlisch.com)

Current class schedule is at [DavidLisch.com](http://DavidLisch.com) - Learn More at Studio 4

## Stumptown Forge

18054 S Boone Ct  
Beavercreek, OR 97004

contact Ken Mermelstein:

503-632-2363 [ken@stumptownforge.com](mailto:ken@stumptownforge.com)

[www.stumptownforge.com](http://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](mailto: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](mailto:nwbainfo@gmail.com)

## CURRENT EVENT: As listed online (<http://blacksmith.org/events/>)

December 11	Pratt Welding Night, Pratt Fine Arts Center, Seattle WA
December 14	NWBA Mentoring Center, Gift Making Workshop Open Forge, Cowlitz Expo Center, Longview WA
December 15	Pratt Holiday Workshop: Forged Stocking Hangers, Pratt Fine Arts Center, Seattle WA
January 25	NWBA Mentoring Center, Darryl Nelson Forge Welding Demo and Open Forge, Cowlitz Expo Center,
February 22	NWBA Mentoring Center, Tri Ficker Tong Making Workshops, Cowlitz Expo Center, Longview WA
February 27-28	Steve Mankowski Demonstration, Fort Vancouver Nat'l. Historic Site, Vancouver WA
March 1-2	Blacksmith's Workshop, Old West Forge, White Salmon, WA
March 7-9	Steve Mankowski Hands On Class, Meridian Forge, Eatonville, WA.
March 22	NWBA Mentoring Center, Dave Tuthill, Cowlitz Expo Center, Longview WA
March 22-24	Beginning Blacksmithing I, Old West Forge, White Salmon, WA
April 19-21	Blacksmithing Basics and Beyond, Old West Forge, White Salmon, WA
April 26	NWBA Mentoring Center, To Be Arranged, Cowlitz Expo Center, Longview WA
May 14-18	NWBA Blacksmithing Conference, Cowlitz Expo Center, Longview WA
June 28	NWBA Mentoring Center, To Be Arranged, Cowlitz Expo Center, Longview WA
August 13-16	ABANA Blacksmith Conference, Delaware State Fairgrounds, Harrington DE
August 23	NWBA Mentoring Center, To Be Arranged, Cowlitz Expo Center, Longview WA

Take advantage of your membership benefits and **SEND IN YOUR ANNOUNCEMENTS FOR THE WEBSITE CALENDAR AND THE HOT IRON NEWS** to [nwbainfo@gmail.com](mailto:nwbainfo@gmail.com) or submit it online: <http://blacksmith.org/submit-event/>





# Northwest Blacksmith Association

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

## 2014 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

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.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

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Phone: \_\_\_\_\_

\*E-mail: \_\_\_\_\_

\*(if you are already registered as a user at [www.blacksmith.org](http://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](http://www.blacksmith.org)

Dues are:

\$60 in U.S.A.

\$70 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.

# Announcements

## HELP WANTED! BRONZE WORKSHOP

### 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/>

A two day bronze forging workshop is in the works for the days preceding the 2014 conference. Limited to 10 participants, the workshop will be held at the Longveiw Washington Mentoring Center. Particulars are being worked out and will greatly depend on the interest of our membership. If you would like to participate or if you have suggestions, contact Bruce Crittenden: [jn3bees@olypen.com](mailto:jn3bees@olypen.com) Phone: 360-437-2922, any director, or the website. Dorothy Stiegler will lead this workshop. Costs will be structured to cover the basics. Any level of forging ability are urged to attend.

*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](mailto:nwbainfo@gmail.com) or by mail to: Northwest Blacksmith Assoc., 42nd Ave SW #185, Seattle, WA 98116

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  
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Or email to:  
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## May 2014 Conference Gallery and Auction Bring your Best!

Please bring your show pieces for display in our Gallery at our 2014 blacksmith conference. It is a great way to get exposure and to liven up our showcase.

Auction Items also wanted! Sale of your items helps support the NWBA and all we do. If your item sells for over \$250 you will receive one year membership for no charge.



Old Anvils Never Die

"We were recently in Germany seeing the sights, and as we waited for a taxi in the small town of Mosekern we saw this... the epitomy of 'reuse, recycle'"

Sent in by Anne and Chuck Moen, Cherryville Enterprises, Sandy, Or

## Classified Ads

Free to members, \$10 for non-members  
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**For sale:** Quality blacksmith coal, coke and charcoal. Contact Jim von Mosch at Mountain Brook Forge 509-493-2246 or [Mountainbrookforge@gmail.com](mailto:Mountainbrookforge@gmail.com) for price and availability.

### Curious about Tire Power Hammers?

Call Larry Langdon for more info:  
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## Advertising Submissions

Mail to: NWBA  
42nd Ave SW #185  
Seattle, WA 98116

email to: [NWBAinfo@gmail.com](mailto:NWBAinfo@gmail.com)

or submit online: <http://blacksmith.org/hot-iron-news-advertisement-submission-form/>

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

If you have any questions do not hesitate to contact editor Amy Mook at [nwbainfo@gmail.com](mailto:nwbainfo@gmail.com)



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