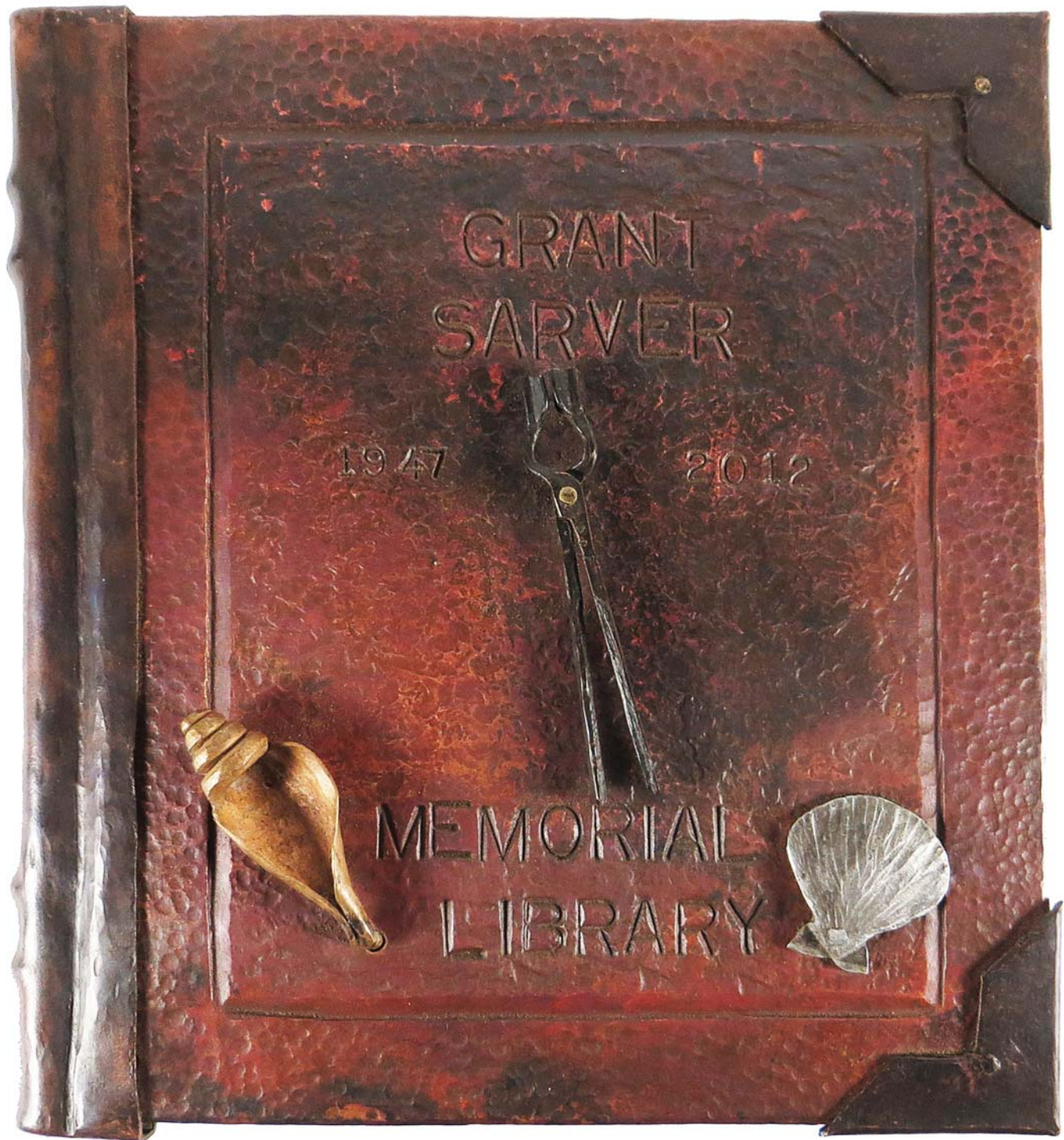


Hot Iron News



THE VOICE OF THE NORTHWEST BLACKSMITH ASSOCIATION

Fourth Quarter 2012





Northwest Blacksmith Association

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



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Quick Reference for NWBA Members

Submit articles, photos, how-to's to HIN:
nwbainfo@gmail.com

NWBA Website: 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

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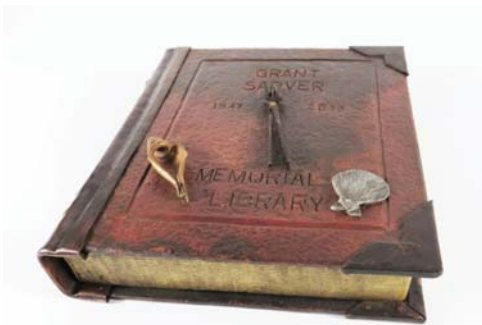
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ON THE COVER

Below is a photo of the same book as on the front cover, showing the pages of the Grant Sarver Memorial Library Book created by NWBA blacksmiths at Blacksmith Week, August 2012.

The project was spearheaded by Joe Elliott, assisted by Dean Mook, Dave Lisch, Tom Ferry, Karl Schuler and Darryl Nelson
Materials: Copper, Silica Bronze, Naval Bronze and Aluminum

The 'book' is now a permanent part of the Grant Sarver Memorial Library, in honor of Grant Sarver (1947- 2012), a founding member of the NWBA.



2	NWBA Board and Committee Information
4	Sittin' on the Tail Gate with Bill
5	Reports: Treasurer and Editor
6	Fall Conference 2012: Demonstrators
8	Fall Conference 2012: Hands On
12	Fall Conference 2012: Gallery
17	Submarine Steel Anchor by Ben Czyhold
20	Blacksmith Week 2012, Mt. Hood Oregon
23	Western States Conference 2013
24	Spring Conference 2013 and NWBA Clubhouse
25	NWBA Library
27	Board Election Candidate Statements
28	Schools Listing and Calendar
29	NWBA Membership Registration Form
30	New Member Welcome, Announcements, Ads

A Board meeting will be held on
January 26th, 2013 at 10 AM
at the Cowlitz Conference Center,
Longview, WA.

This will be just prior to our very
first event at our new 'clubhouse'.

All NWBA members are welcome
to attend both the meeting and the
hammer-in event.



A whimsical dragon spike in the nail tree. On display at Fall Conference 2012, the nail tree has spikes and nails designed by smiths young and old.

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Sitting on the Tail Gate with Bill...

Hi Blacksmiths ,

Well, another Fall Conference has come and gone. We had great demonstrators: thank you Brent Bailey and thank you Bob Kramer for putting on outstanding demonstrations. I have heard a lot of great feedback. As always, there were a lot of people helping as all of this was going on. Thanks to the Board and all who helped. And special thanks to Tom Ferry for all of his hard work getting everything ready to go. Thanks Tom.



We have two new Board Members as we had two that had to resign for personal and business reasons. I wish them the best and we will see them in the future. Bruce Weakly and Bruce Crittenden are the new members. I would like to thank them for stepping in and helping. They have both had to hit the ground running. Thanks Guys.

Well lets look at this year's progress: New editor for Hot Iron News: Amy Mook took on this job after Grant's passing. Thank you Amy, great job.

Tom Ferry did a lot of work with our outreach program with the Boy Scouts. We also had a number of members that went out and donated time at camp Hahobas. To Tom and all who helped, thank you.

Regarding the Longview Expo Center as conference site on a regular basis: Moving from site to site has become quite an undertaking, we are exploring this as we move along.

The biggest change in the line-up is that beginning in January, on the 4th Saturday of every month, we will have monthly meetings. This will be an open forge with demonstrators at the Longview Expo Center: a full day of forging. Darryl Nelson will be the first demonstrator for the kick off. I think this is great and will be a lot of fun. There will be no charge at this time, though we may adjust

after we get this under way. There will be some full weekends in the year (not just a Saturday demo and hammer-in but also Sunday). We want to get everybody in the fire that we can. This has been talked about for years, and now this is no longer talk, its going to happen. Your Board of Directors has worked hard to make this a real deal. I would like to thank everyone on the Board for making this happen. We will go from 2 events a year to at least 11 (no event July 2013 due

Beginning in January, on the 4th Saturday of every month, we will have monthly meetings. . . an open forge with demonstrators at the Longview Expo Center, this will be a full day of forging. Darryl Nelson will be the first demonstrator for the kick.

to county fair at the Cowlitz Expo Center). I hope we can get to know each other a little better, and share forging skills at all levels. This will be good for the novice as well as the seasoned smith.

For the Spring Conference 2013 we will be at Longview. Alec Steele from England will be the traveling demonstrator. This young man has exceptional skills and will be very inspiring to watch. More on Alec later . Conference dates: April 26-28, 2013.

For our local demonstrator, our very own home town guy, Berkley Tack from just across the river in Rainier

OR.

Now, for anyone who missed it we will be back up on Mt Hood, Oregon for a Western States Conference. This is an international level show, the demonstrator list is being put together now: there will be blacksmithing, knife making, gunsmithing (forging a rifled barrel), hands-on, vendors and tailgaters. We will take over the town, Government Camp Oregon will be all about BLACKSMITHING that

week of August 22-25, 2013.

Well I think I have given you the highlights, remember to vote in the upcoming NWBA board elections. Hope to see all of you at our first monthly hammer-in on January 26, 2013 at our new clubhouse in Longview.

Your President, Bill Apple



Treasurer's Report *by Darryl Nelson*

NWBA Fall Conference 2012

Increasing costs coupled with decreasing attendance is making breaking even on conferences increasingly difficult.

In a perfect world the registration is supposed to cover expenses.

Expenses

Site:	\$6,527.00
Catering:	\$2,408.71
Demonstrators:	\$3,341.30
Hands-On	\$1,312.00
T-shirts & Buttons	\$1,085.08
Propane:	\$295.66
Misc.:	\$559.16
<hr/>	
	\$15,528.88

Income

Registration:	\$11,034.00
Hands-On:	\$480.00
Sales:	\$664.00
<hr/>	
	\$12,178.00

Auction: \$4,505.00

NWBA Third Quarter Report 2012

Outflow

Conference:	\$16,692.25
Communications: (HIN & WEB)	\$4,184.05
Admin.	\$3,291.95
Capital Equip.	\$800.00
<hr/>	
	\$24,968.25

Inflow

Conference:	\$13,709.09
HIN adds	\$456.00
Dues:	\$10,415.25
Refunds:	\$597.08
<hr/>	
	\$25,177.42

A Note from the Editor *by Amy Mook*

It is hard to believe that this is my 5th edition of the Hot Iron News, and that it is closing in on the end of 2012. I am still learning the ropes, and I am enjoying getting to know many NWBA members a little better. Some of you have sent me articles, photos of projects and announcements to publish. I am so appreciative for all your help, thank you! I encourage all members to send me photos of their latest creations, how-to articles and announcements for blacksmithing events. Your submission may get printed in The Hot Iron News, our website www.blacksmith.org, and our Facebook page (Northwest Blacksmith Association). It is a great way to get a bit more public exposure.

I welcome your criticism and suggestions for all our publications, I am here to serve the NWBA to the best of my ability and your input helps me to understand how to do that.

I am in the process of recreating our website to include all the features we now have but in a way that is more easily accessible and that enhances the benefits of NWBA membership. Expect to see the launch of the

new site by mid-January 2013.

In the meantime, I hope the turn of seasons brings good fortune, health and well being to all of you.

Thank you for the opportunity to serve,

Amy Mook

Note: All photos in this edition are by Amy Mook unless otherwise noted.

Please send all of your contributions, letters and suggestions to:

By e-mail to: NWBAinfo@gmail.com

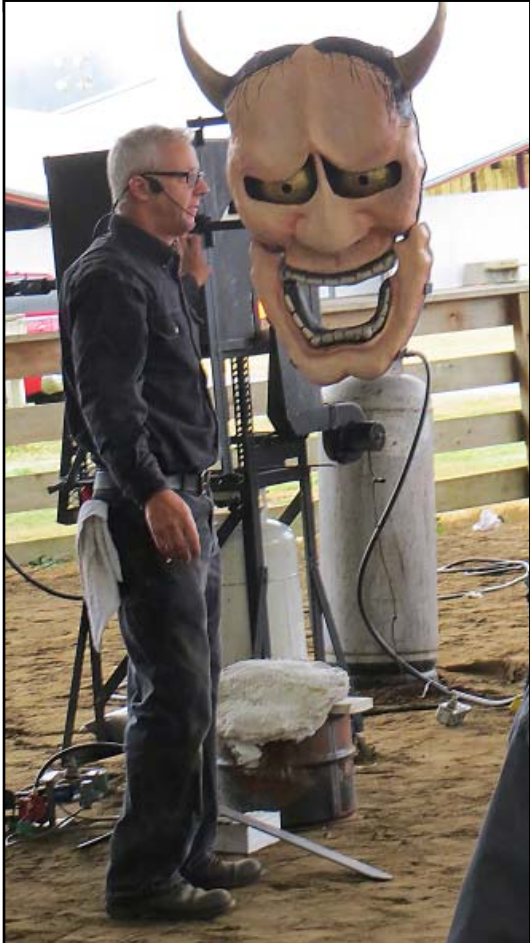
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Or, use the article submission forum on the website.



Fall Conference 2012, Enumclaw, WA A Look Back at the Demonstrators

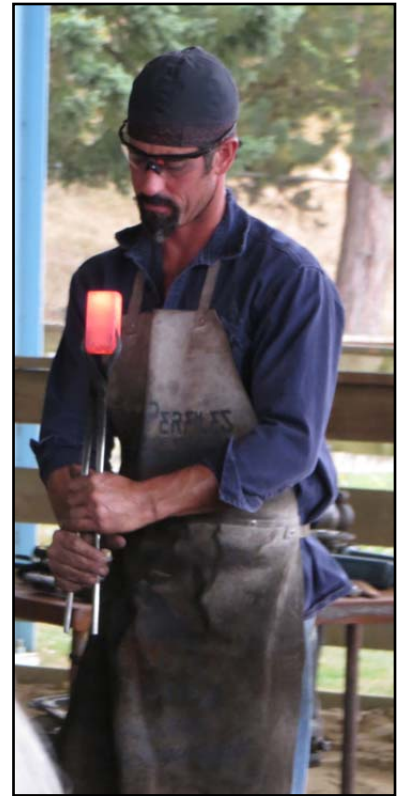
Bob Kramer, Master Bladesmith, held a full house rapt with his depth of knowledge and an amazing ability to put very technical information into a simple, digestible format. Bob covered a wide range of topics including heat treating methods, quenching solutions, types of steel and their uses, forge building, fuel usage, plus so much more. Bob's website, www.kramerknives.com, has many beautiful images of his work and show the process of creating his custom and ready made knives.



Bob generously shared his knowledge and skill, AND his great sense of humor (he was once a Ringling Bros clown!), as evidenced by his forge, El Diablo (see left). He also shared pizza he prepared himself (see right), baked right atop his forge.



Brent Bailey demonstrated a fluid mastery of blacksmithing to a crowd intently focused on every bit of his advice. Brent showed dozens of techniques as he moved easily between his hand tools and power equipment, as the job required. He demonstrated both hand hammer and power hammer techniques. Skills demonstrated at the conference are also evident at his website (www.brentbaileyforge.com). He has everything from tools, sculpture, jewelry, and bladesmithing to architectural ironwork, home accessories, and cool shop tips. Among all the other things Brent has forged he counts over 10,000 hammers! . Thank you Brent.



Fall Conference 2012, Enumclaw, WA

A Look Back at Hands-On Workshops

The hands-on area was a beehive of activity. The main hands-on classes are pictured here, but there was much more going on. Jay McGowan brought a whole group of Boy Scouts and provided them with an entire weekend of hands-on workshop. The repoussé table was busy at all hours, thanks to the volunteer efforts of Ann Scott. Look for these additions in the next HIN.



A corner of the hands-on workshop area before the conference opened.



Ben Czyhold instructed his students in the making of log tongs.

"This was my first hands on class. The tongs incorporated a pineapple twist and a forge welded stationary rein. In hindsight the project was too ambitious for the time available, but all the students made excellent progress. "



David Tuthill guided his students in the creation of herb shears and how to case harden them after completion. Watching as the shears took shape, the parts coming together in a graceful and useful implement, it was clear that this was a precision project that required quite a bit of skill. Visit David's website to see more of his work: <http://davidtuthillmetals.com/>



Photos of Ryan Wilson's hands on class courtesy of Jeff Wilson

Ryan Wilson enthusiastically taught an all ages group.

"I geared my class towards the beginner smiths in our group. I wanted a class that anyone could do, whether they had taken classes before, or never picked up a hammer in their life. I taught some simple forging procedures that could be repeated and improved upon throughout the class so everyone could go home with a number of different useful items. Students started out by making a simple wall hook. Using all the same basic steps and procedures we then made a steak turner and 2 shish kabob skewers. I had a good time, and I hope everyone enjoyed the class."



Fall Conference 2012, Enumclaw, WA A Look Back at Hands-On Workshops



Saign Charlestein, not originally in the lineup of hands-on teachers or demonstrators, came to the conference equipped with his repoussé equipment and generously offered to set up and demonstrate his art. His knowledge, skill and talents awed the onlookers, and his portfolio was mind blowing. For a closer look at some of the projects he has worked on visit Saign's website: <http://www.saignc.com>



Al Bart Grant recipient **Lynn Gledhill** passed along what he learned in Darryl Nelson's Garden Gate class to an eager group of students. Their project: to make a matching pair of scrolls, collared into place in a mortise and tenon joined frame (as shown in Lynn's hands above). Stay tuned for the feature interview with Lynn in the next Hot Iron News. We will learn more about the process of applying for an Al Bart Grant which includes opportunity to give back to the NWBA by sharing with others what was learned from the class taken.



Garden gate made by Lynn Gledhill in Darryl Nelson's Garden Gate class, 2012, in the Gallery, Fall Conference 2012

Hands-On Workshop: Working with a Striker Taught by: Silas Maddox

My first five or so years of blacksmithing was in my home shop, mostly self taught and without use of a power hammer. I was fortunate enough to make the acquaintance of Jason Brown, a talented smith who had just come from the Santa Fe area where he had been working for some world class blacksmiths. Of all the lessons he imparted on me, proper sledgehammer technique is the one that has made a lasting impression. These techniques serve as a foundation upon which two smiths, working as a team, can do an incredible amount of work with moderate effort, but most importantly, safely and not compromising one's body.

A Couple of Highlights:

- The sledge hammer should travel in the same plane as your hand hammer. The dominant hand should grip the sledge just as it would any other hammer. The sledge handle will stay on the dominant side of your body and should never cross your body. This maintains the alignment of the head and keeps hand eye coordination the same as with your hand hammers.
- Your non-dominant hand is only there to assist in the lift and help guide the hammer.
- The sledge should be lifted vertically starting with the head near your armpit and the handle vertical. This is the most efficient way to lift the hammer. The lift should start at your feet, move up your legs and into your torso. With proper technique your arms merely guide the hammer to its apex.
- Power is derived from the vertical drop of the hammer, not from arm strength. By lifting the sledge high above your head and letting it fall, it creates most of its own energy. Any power that you add is simply pulling a falling mass faster.
- At the end of the stroke, the sledge is pivoted 90° so the face is parallel to the work. This helps to increase the velocity and makes sure you provide the desired blow.

The Class:

I wanted the class to explore a variety of striking techniques associated with common blacksmithing operations. The project was a small, vise-held, bick iron, used for fine work. We used a piece of 1" square bar to maximize the usefulness of the striker working size too large for common hand forging. The students were paired up. Each smith would have the opportunity to lead and strike.

The Body of the Bick Iron

- First, the bar is upset about 1.5" from end. This creates extra mass where the hole will be punched.
- Second, at the end of the bar, in front of the upset, a short taper was drawn square and then made round. Alternating blows are used with the lead striking a blow for placement, and the striker trying to hit in exactly the same spot, with the same angle as the lead.
- Third, a hole was punched behind the taper. We used the punch to drift the hole and made the top of the hole slightly larger than the bottom.
- Fourth, an offset was established behind the hole with a small radius fuller. Material was drawn out behind this offset to create the heel of the bick iron using a larger radius fuller.
- Once complete, the piece was cut off using a handled hot-cutting chisel.

Creating the tenon:

- First, we used a butcher, fairly sharp with a moderate angle to butcher in from all 4 sides. It is not necessary to go to your final tenon depth. This will be achieved later with the set hammer.
- Second, the isolated mass was drawn out with the shoulder of the tenon off the anvil. A combination of a fuller and set hammer was used to move material efficiently and accurately.
- Final sizing and shaping of the tenon is done between the set hammer and a sharp edge of the anvil. This operation could be achieved more efficiently with a proper set of tenon swages.
- Finally the tenon is monkeyed into the hole previously punched in the body. This sets the shoulder of the tenon and assures a good fit.

Creating a step for secure clamping in the vise:

- After the bar was tenoned, it was cut off at about 6" behind the tenon.
- Second, we butchered in about 1/4" on opposing sides about 1 1/2" from the end
- We used a large radius fuller to spread the material, working both sides until 1/2" thickness is achieved.

Assembly:

- We placed the piece with tenon vertically in the vise and set the mortise over the tenon.
- With a torch we heated the tenon until very hot and headed it over, like a rivet.

Visit Silas Maddox's website: <http://www.forgeandnail.com>



Fall Conference 2012, Enumclaw, WA Gallery

Cy Swan: Frogs, 2012
Koi, 2012
Skinning Knives, 2012



Kevin Brame:
Seahorse, 2012
Blue Heron III, 2012
Sharpei, 2012



Michael Wilt:
Copper Salmon, 2012
Oak Leaf Hook, 2012



Eric Grip: Hammered Copper Bowl, 2012



Jim Von Mosch: Howdyadodat Practice, 2012

Darryl Nelson:
Bison Tomahawk
2012



Martin Brandt: One Piece
Knife and Strike-a-Light, 2012



Darryl Nelson's Alex Bealer Award, Inscribed:
*"The Alex Bealer Award
Presented to Darryl Nelson
For Outstanding Service to The Art of
Blacksmithing ABANA 2012"*

Fall Conference 2012, Enumclaw, WA Gallery



Geoff Keyes Knives:
left: Damascus Dirk Walrus
below: Rifle Knife Wrought Iron



Harold Heia: Bowie Knife, made in a Tom Ferry Class 2012



Scott Rash: Plants, 2012



Andrea and Dave Lisch:
Plum De'Lisch-us, 2012



Roger Freeborn:
Lady Caliper



Maker: Dietrich Podmajersky JS
ABS JS Test Knives



Gary Hemenway:
M16 Helmet Guitar



Gary Hemenway:
Skull and Crossbones Sword
(detail at right)

Scott Wadsworth:
Umbrella and Sword Stand, 2012



Saign Charlestein: Celtic Shield, 2011
Phrygian Helmet, 2012

Fall Conference 2012, Enumclaw, WA Gallery



Pete Wensley:
Clockwise from upper left:
Flower Pot Hook
Table Lamp
Dividers
Spatula
Spoon
Trammel Hook
Door Bell



There is a Gallery Exhibit at every NWBA conference. Show us your stuff, bring something to display at the next conference, Spring Conference 2013: April 26-28, in Longview, WA. In addition to display in the gallery, photos of gallery items will be published online at www.blacksmith.org and in the Hot Iron News.



Submarine Steel Anchor

Article and Photos By Ben Czyhold

Greeting to the membership: Recently I have had the opportunity to work on an interesting project. I was commissioned by a United States Navy veteran to make an anchor sculpture out of a rough-cut steel scrap. The scrap was the center slug out of a torch cut hole that in turn came out of the hull of a nuclear submarine.

Material Preparation

With the steel in hand the first order of business is to remove the surface dross and slag from the steel. The best way to do this is with an angle grinder with a high removal wheel. I followed the shape of the steel only removing the slag and as little good steel as possible. The steel slug started out at about 2 1/4" thick and 2 7/8" at its widest (measuring both steel and slag). By the time I was finished it was 2" thick and 2 3/4" at its widest. As I was cleaning the steel I took note of its shape, and how best to forge it. The overall shape was a rough cylinder with the exception of a deep gouge in its side with one side having a small overhang into the gouge. I decided to cut away the small overhang, otherwise this would have folded over into the gouge making a deep and damaging shut through the stock. With the slag removed I now needed to determine what size and how much stock I could get out of the steel. For this project I roughly estimated I could get about 17" of 5/8" stock out of it. This amount would give me an anchor about 8" tall and 6" wide. It is always a good idea to forge a test piece with the projected sizes before forging the submitted material.



Forging the Prepared Material

Before going to the forge it is worth mentioning that if you ever plan to forge an unknown scrap of metal you should do some material tests. This is a good idea not only from a forging prospective but it is also a matter of safety. We need to consider if there are any possibly dangerous metals or elements alloyed with the metal. Things such as chromium or lead can be very dangerous to your health if worked improperly. Here are a few things to go over.

1. Inquire about the metals origins.
2. Examine the overall color and nature of the oxides.
3. Do a spark test and compare to the color and nature of the sparks of known metals.
4. Ask a fellow blacksmith, welder or metal worker to help identify the metal.
5. Heat a small piece of the metal with a torch and test how the metal heats and forges.

In my case the metals oxide color was a light grey and was clearly cut with an oxygen and acetylene torch. A spark test yielded long yellow sparks with few splits. Lastly, by heating and forging a small piece of the metal I concluded that the metal in question was low carbon steel. With the metals alloy confirmed I could now proceed with the forging. To forge a piece of this size and type it is best to weld a porter bar onto the steel. In my case I used a bar of 1/2" square 30" long. I welded the porter bar onto the widest end of the steel with the gouge in the steel mentioned prior parallel with the porter bar. By attaching the bar in this way I can forge the high spots on both sides of the gouge down into the steel.

I was now ready to start forging. First I needed to forge the steel into a square cross-section. I was sure to orient the gouge so that it was one of the



faces of the material so that the high spots would forge down into the stock. I used a 50lb Striker power hammer to forge the steel. I had to be careful to eliminate any lap before it got unmanageable. As the high spots were forged down, they will upset and have a chance to form laps of steel on the inside of the gouge. To counter this I had my angle grinder on hand to grind out any laps that might form. Once all the high and low spots were forged out and the stock forged to square, then I could start forging the stock to my required size. I basically forged the stock as long as I could without going thinner than 5/8" square. Be sure to have a set of calipers on hand to measure the stock as you go. Once I got to 5/8" square I then re-forged the stock to round.



Forging the Anchor

With the steel forged to the proper size I now needed to cut the stock to size. As you are cutting the stock be sure to look for any laps in the stock that could have formed and cut around them. Unfortunately I had misjudged the amount of stock I could get out of the steel. I had hoped for about 17" but only got 13 3/4", so I had to change the proportions of the anchor. I settled on 8" for the shank and 5 3/4" for the arms. There was also not enough stock for the cross arm as well, so it is a 3/8" round bar 4" long. Next we need to lay out the holes we will need in the project. On the shank use a center punch to mark 1/2" from one end, and then rotate the stock 90 degrees and mark 1 1/2" back. As we will be slitting and drifting the holes be sure to mark directly opposite each mark because we will be slitting from both sides (the holes will be 90 degrees to each other). Now find the center of the arm stock and mark for slitting. You will need the following tools for the project:

1. 3/8" slitting chisel
2. 3/8" round drift
3. 3/8" round spring fuller
4. 3/8" money tool
5. Rasp (for hot rasping)
6. 5/8" v-bit or bolt tongs
7. 3/8" bolster (1/4" thick, 1" square flat bar with a 3/8" hole in the center)
8. 1/4" fuller

We will forge the shank first, starting with the tenon. Take heat and using the spring fuller isolate 5/8" of stock on the unmarked end, taking care not to forge too deep (fuller stock no thinner than 1/2"). Next draw out the isolated mass square and about 1/2" thick. The tenon should be about 1" long. Re-forge the tenon from square to round, from square to octagon to round. Clamp the shank in your vice and rasp the tenon to fit your monkey tool. The tenon should slide right on and rotate freely, do not force it on. Once the tenon is rasped to size take a short heat on the tenon and the shoulder. Clamp the shank in your vice horizontally and slide your monkey tool over the tenon. Then strike the end of your monkey tool with your hammer rotating the monkey tool at the same time. This will upset the rounded shoulder into a crisp square shoulder. Take as many heats as needed to get a good square shoulder, taking good short heats.

We will now forge the two holes at the top of the shank. Prior to slitting have a small can of water within easy reach so you can cool the slitting chisel quickly, frequent cooling is absolutely needed with a carbon steel slitting chisel, to keep the tool from deforming with use. Now take heats on the end of the shank where your lay out marks are, start with the innermost set of marks. Place the slitting chisel on top of the mark and strike twice, then immediately quench your

slitting chisel in the water. Then place it back into the slit and strike twice more, you only want to go half way through the stock. Be sure to cool your slitting chisel. Now rotate the stock 180 degrees to have the opposite center punch mark up. Place your slitting chisel on the mark and strike twice. There should be far less resistance. Immediately cool your slitting chisel in the water. If you turn the stock back over you will see a bulge of steel in the bottom of your first slit, this is a good indication that the two slits are lining up. Now drive the slitting chisel through at heat to complete the slit, it is best to do this over the hardy hole or pritchel hole for clearance. Cool your slitting chisel. We are now ready to drift the hole. Place your bolster over the pritchel hole (or hardy hole) and place the bar on top of the bolster. Then place the sharply tapered end of the drift into the slit and drive the drift into the slit. The bolster will give good support to the stock while drifting and will allow the stock to be drifted cleanly. Once the stock fades to red, withdraw the drift from the bolster, turn the sock over and put the striking end of the drift through the bolster. Then lightly strike the sharp end to knock the drift out of the slit. The drift will be very hot, pick the drift up with a set of tongs and quench it in the slack tub. Take another heat and turn the bar over on the bolster, and drive the drift through the slit. You should have a good round hole through the bar with no loss of stock. Now slit and drift the second hole near the end of the stock, the bolster will also keep the first hole up off the surface of the anvil. Clamp the shank in the vice and use your rasp to round the end of the shank to match the contours of the hole to complete the eye.



We will now forge the arms of the anchor. Slit and drift the center as with the previous two holes. Then draw a 5/8" long taper on both ends. Next, use the spring fuller 1" back from taper tip and forge down to 3/8" square. Now forge tapers from necking to just before mortis on both sides. Tapers should be about 3" long. Then forge tapers round. Now spread and thin isolated masses into the flukes of the arms. Lastly bend the arms into shape. With the arms cooled take a short heat on the shoulder of the shank. Then place the mortis in the arms with the flukes up over the pritchel hole. Now take the shank and slide the tenon all the way through the mortis, then strike the top of the shank lightly to fit the shoulder to the mortis in the arms. Be sure to have the shank properly turned so the holes face the proper direction. Clean the parts as desired. Now clamp the shank in the vice and heat the tenon with a torch. Slide the arms over the tenon and up tight to the shoulder. Strike the end or the tenon to upset it into a rounded head to lock the arms onto the shank. As for the cross arm of the anchor find the center and



measure over 3/8" and at heat, place the 1/4" fuller 90 degrees to the stock and swell the steel slightly (just enough to keep it from sliding all the way through a 3/8" hole). Now slide the cross arm through the innermost hole in the shank and swell the steel on the other side to lock the cross arm in place. Clean the anchor and apply the finish of your choice.

Along with the anchor I added a base and two dolphins to either side of the anchor to complete the sculpture. The two dolphins are styled after ones found on a submariners badge to tie the anchor back to its origins. This project was a unique opportunity for me. I hope this article will give you insight into similar projects. Stay safe and good forging. -Ben



Blacksmith Week 2012

Government Camp, Mt. Hood

August 20th - 26th was the 7th annual summer gathering of blacksmiths at Mt. Hood, once again spearheaded and hosted by Darryl Nelson. Usually held at the Arts Cabins nearby, this year's location at Summit Camp, often used as a firefighter's base camp, was enjoyed by all. The site is spacious, equipped with a great kitchen and bunkhouse, and adjacent to town and many activities. Since the event was open to the public, some smiths had their wares setup on display and even made some sales. The highlight project of the week was the making of the Grant Sarver Memorial Library Book, which will be a part of the NWBA's newly named Grant Sarver Memorial Library. (Not everyone at this event is featured in this photo album). Next year, Western States 2013 Blacksmith Conference will be held during Blacksmith Week.



Blacksmith Week 2012 logo by Darryl Nelson



Top: Bunk and Cook house at Summit Camp
Above: Ian Szloch and Katerina Nelson
Photo by Suzan Nelson



Darryl Nelson and Andrea Lisch



Ben Czyhold working at his mobile demonstration setup.



Hunter Dahlberg
Photo by Suzan Nelson



Kellen Batcham and Hunter Dahlberg
Photo by Suzan Nelson



Hanging out at the outdoor forge area: Bill Apple, Bruce Crittenden, Karl Schuler and a visitor (sorry for no name).



John Paul and Mark Manley
Photo by Suzan Nelson



Photo by Suzan Nelson

Above: Teamwork in the kitchen.



Left: Janice Crittenden and Tracy Apple



Scott Szloch



Bruce Crittenden with son Christopher and grandkids Keagan and Lyvia, and Ian Szloch.



Photo by Suzan Nelson

Scott Szloch striking for Dean Mook

Blacksmith Week 2012



Scott Szloch striking for Dean Mook, with Mark Manley far left.



Dean Mook, Chuck Moen, and Brent Christiansen looking over a table full of Scott Szloch creations.



Darryl Nelson and Joe Elliot working on the Grant Sarver Memorial Library Book.



Dave Lisch preaching from the good book (Grant's book).



Grant Sarver Memorial Library Book under construction. The skilled creation of the book, featured on the front cover of this issue, was spearheaded by Joe Elliott, assisted by Dean Mook, Dave Lisch, Tom Ferry, Karl Schuler and Darryl Nelson. The book is made of copper, silica bronze, naval bronze and aluminum



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.**

WESTERN STATES SNEAK PREVIEW:

Partial Lineup of Demonstrators:

- Maria Cristalli, Cle Elum WA
- Richard Sullivan, Gun Smith, Williamsburg VA
- Bob Kramer, Knife Maker, Olympia WA

Partial Lineup for Hands-On:

Mark Aspery and Dennis Dusek demonstrating on National Blacksmith Curriculum

Russell Jaqua Show: Many works of the late Russell Jaqua will be on display

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.

Full Archives on Display: Our entire NWBA Archive Collection will be on display during the conference.

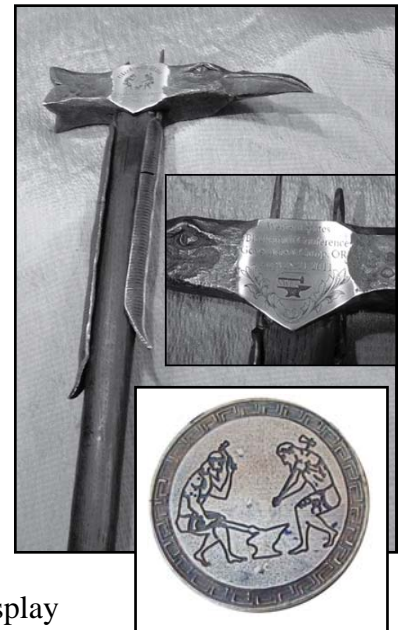
Banquet and Auction on Saturday Night at Timberline's WyEast Day Lodge

Tailgate Sales and Vending (in designated areas only).

Tons of Family Activities in the area, Many accommodation Choices.

GREAT DESTINATION FOR A FAMILY VACATION!

Each member of the 2011 First Place team received a War Hammer, made by Darryl Nelson.



2011 War Teams were required to place this medallion in each Blacksmith War entry.

Spring Conference 2013

April 26-28, Cowlitz Expo Center, Longview, WA

Conference Hosts: Dean Mook and Bill Apple

Demonstrators:

Alec Steele: 15 year old Alec is phenomenal. He has been studying and developing his craft since 2009, and currently his name is a buzz in the world of smithing. Google his name and you get pages and pages of articles, photos, and YouTube videos. He makes quite a good demonstrator as you will see if you happen to watch any of these videos. He demonstrated at the ABANA conference in Rapid City SD summer 2012, and caught the eye of Spring Conference Host Dean Mook. One thing led to another and now Alec is a confirmed demonstrator for the NWBA Spring Conference.



Berkley Tack: An NWBA member for many, many years, Berkley Tack is from Rainier, Oregon and is a full time Master Smith. More information about Berkley will be found in the next addition of the HIN, stay tuned.



- Hands-On (to be announced)
- First Forging Station
- Evening Open Forges
- Members' Art Gallery
- Auction and Banquet
- Library
- Archives
- Tailgaters
- and more to come.



Plan ahead for the auction and gallery. Make items in support of NWBA to be sold at the auction, and bring your blacksmith art to display in the gallery.

Look for the complete line-up in the next Hot Iron News.

NWBA Clubhouse, Longview

Imagine a mini conference every month, hands on with some of the best smiths in the country, learning and sharing tips and tricks of the trade...

The price of admission? NWBA Membership. For a mere \$45 per year, your membership now gives you the privilege of attending these monthly hammer-ins at our new clubhouse in Longview, WA. This is in addition to the benefits you already enjoy: 4 Hot Iron News editions per year, annual conferences, access to our extensive library, blacksmith camaraderie, and more.

Our new facility is a building on the Cowlitz Expo Center campus, where we had Spring Conference 2012, and where we will be for Spring 2013. The location is central to our membership population, affordable (under \$400 per month), the building is perfect for setting up our hands-on equipment and storage of NWBA equipment, and the management of the Expo Center is very accommodating of our needs. We have leased the building for the year, beginning in January 2013. Depending on the turnout each month, we will determine how successful this undertaking is, and if it is popular among the membership, we will renew our lease for 2014. The pilot program is planned to be a no-fee event, though donations are encouraged and will be accepted to cover the cost of fuel and other incidentals. This may change in the future, as we learn from our experience of having a clubhouse and monthly hammer-ins.

Help make this adventure a success by joining your fellow smiths on the **fourth Saturday of the month** (every month except July and when there is a conference planned) for a day of blacksmithing: learn, get to know each other better, and help make the NWBA the best blacksmithing organization in North America... or even the world.

First Clubhouse Hammer-in: Saturday, January 26, 2013, Noon - evening.

Demo by Darryl Nelson and Open Forge Subject: Finials, or "what to do when you reach the end"

Location: Cowlitz County Expo and Conference Center, 1900 7th Avenue, Longview Washington

The Grant Sarver Memorial Library

Boasting over 200 books, pamphlets and videos on the art and craft of blacksmithing, the NWBA's Grant Sarver Memorial Library is vast repository of knowledge available to all NWBA members. Current NWBA members are allowed to check out 3 books and/or videos at a time: send your request to our Librarian, Marie Churney, who will mail them directly to your postal address. Return them 3 weeks later and you can check out another batch. This service is completely free (except for the return postage).

Email your requests to churneym@comcast.net

The following is an incomplete list of books. There has recently been a large donation of books made to the library by the family of Grant Sarver which are not on this list. The additions to the library will be posted to the library information at www.blacksmith.org as the titles are catalogued.

Or write:
Marie Churney
NWBA Library
15702 62nd Ave E
Puyallup, WA 98375

Please include your Name, email address, and postal address with your request. Return the books to the address above.



BOOKS:

- B-1 The Work Methods & Tools of the Artist Blacksmith O. Schmirler
- B-2 The Blacksmiths Cookbook - Recipes in Iron F. Whitaker
- B-3 Blacksmiths Manual Illustrated J. Lillico
- B-4 The Blacksmiths Craft - England Rural Development Commission
- B-5 Wrought Ironwork Rural Development Commission
- B-6 Professional Smithing D. Streeter
- B-7 Practical Blacksmithing and Metal Working II P. Blanford
- B-8 The Blacksmith - Ironworker and Farrier A. Watson
- B-9 The Art of Blacksmithing A. Bealer
- B-10 Elementary Forge Practice J. Bacon
- B-14 Forge Work, 1912 W. Ilgen
- B-23 Special Steels - Types and Specifications Pacific Machinery & Tool Steel Co.
- B-24 Hardening, Tempering, Annealing & Forging Steel (1907) J. Woodworth
- B-30 Edge of the Anvil J. Andrews
- B-31 The Little Giant Power Hammer R. Kern
- B-32 The American Blacksmith (August 1914) Periodical
- B-34 The ABC's of Iron (early 1900's) Sisson
- B-35 Punches, Dies & Tools for Manufacturing in Presses J. Woodworth
- B-36 Chasing (and some repousse' basics) M. Lewis
- B-37 The Colouring Bronzing Patination of Metals R. Hughes, M. Rowe
- B-38 Fold Forming Metal C. Lewton-Brain
- B-39 Pounding Out the Profits (mechanical hammers-Aaa thru Zzz) D. Freund
- B-40 Patinas for Small Studios (simple formulas/advice-ferrous/non-ferrous) C. Lewton-Brain
- B-41 Nautical Iron Prints circa 1914-1920
- B-42 Anvils in America (Anvils from A thru Z) R. Postman
- B-43 The Blacksmith's Craft COSIRA
- B-44 Catalogue of Drawings - Wrought Iron Gates COSIRA
- B-45 Metallurgy Fundamentals D. Brant
- B-46 Plain and Ornamental Forging E. Schwarzkopf
- B-47 Mokume Gane - a comprehensive study S. Midgett
- B-48 Colonial Wrought Iron (The Sorber Collection) D. Pummer
- B-50 The Art of Wrought Metalwork for House and Garden (Schmiedekunst am Haus) O. Schmirler
- B-51 The Artist Blacksmith (Der Kunstschmied) O. Schmirler
- B-52 Wrought Iron Artistry O. Schmirler
- B-53 Modern Wrought Iron (Schmiedearbeiten von heute) J. Hoffman
- B-54 Samuel Yellin - Metalworker J. Andrews
- B-55 Art Nouveau - Decorative Iron Work T. Menten
- B-56 Catalogue of Drawings for Wrought Iron Work Rural Development Commission
- B-57 Wrought Iron Designs Norm Larson Books
- B-58 Designs and Products of the Forge C. Zimmer
- B-59 Designs and Products of the Forge II C. Zimmer
- B-60 Iron Menagerie Various
- B-61 Decorative Sculptural Iron Work (1970's metal artists) D. Meilach
- B-62 Metal Designs (Metalgestaltung) A. H. Kuhn
- B-63 The Shaping of Metal (Stahlgestaltung) F. Kuhn
- B-64 Beautiful Iron - The Pursuit of Excellence F. Whitaker
- B-65 Architectural Ironwork (1990's metal artists) D. Meilach
- B-66 The Golden Age of Ironwork H. Magaziner & R. Golden
- B-67 Fer Forge Chas. Massin
- B-68 A Blacksmith and Hammerman's Emporium D. Freund
- B-69 Moving Metal - the Art of Chasing and Repousse A. Steines
- B-70 Classical Techniques of Hand Forged Iron-Embossing (Chasing, Repousse) M. Metzger
- B-73 Wrought Metal Work (Detailed Drawings of Steps in Forgings) B. Heatherly
- B-74 Das Eisenwerk (Encyclopedia of European Architectural Iron O. Hover
- B-75 The Useful, The Beautiful "De Lo Util A Lo Bello" Spanish Authors
- B-76 The Artist Blacksmith - Design Techniques Peter Parkinson
- B-77 Alfred Habermann - Blacksmith Designer Peter Elgab
- B-78 From Forge and Anvil-Eric Riesel, Hill Country Ironworker C. Leslie
- B-80 Antler and Iron (A mountain man's knife) G. Chapman
- B-84 The Complete Bladesmith - Forging Your Way to Perfection J. Hrisoulas
- B-85 The Master Bladesmith - Advanced Studies in Steel J. Hrisoulas
- B-86 The Pattern Welded Blade - Artistry in Iron J. Hrisoulas
- B-87 The Hand Forged Knife - An Introduction to Working Modern Tool Steels K. Schroen
- B-88 \$50.00 Knife Shop - Making Wire Damascus, your own Tools W. Goddard
- B-89 The Wonder of Knifemaking W. Goddard
- B-90 Steel Rolling Mill H. McDonald
- B-91 G. Poillerat (French Traditional-High End/Gilded) C. Moreau
- B-92 Nucor Steel Seattle, Inc., The History of D. Jellison, et. al.
- B-93 Secrets of the Forge, Italian & English text A. Rizzo
- B-94 Decorative Ironwork, (European), 70 plates in color U. Zimelli & G. Vergerio
- B-95 Wrought Iron Encyclopedia, Balcony Railings, Grilles, and Fences text in Russian
- B-96 Wrought Iron Encyclopedia, Stair Railings text in Russian
- B-97 Decorative Ironwork, Gates and Fences text in Russian
- B-98 How to Make Folding Knives Lake, Centofante and Clay
- B-99 The Skills of a Blacksmith, Vol. I Mark Aspery
- B-100 Weathervanes (Wetterfahnen) Historical to Modern C. Potz
- B-101 American Antique Weathervanes A. Westervelt
- B-102 English Weathervanes - Their Stories and Legends A. Needham
- B-110 Metall Design International 1999 Hephaistos
- B-111 Metall Design International 2000 Hephaistos
- B-112 Metall Design International 2001 Hephaistos
- B-113 Metall Design International 2002 Hephaistos
- B-114 Metall Design International 2003 Hephaistos
- B-115 Metall Design International 2004 Hephaistos
- B-116 Metall Design International 2005 Hephaistos
- B-117 Metall Design International 2006 Hephaistos
- B-118 Metall Design International 2007 Hephaistos

B-119 Metall Design International 2008 Hephaistos
 B-120 Treasury of Iron Work Designs - 469 Historical Examples (some repousse) G. Grafton
 B-121 Handbook of Ornament - 3002 illustrations (some repousse) F. Meyer
 B-124 The Artist Blacksmith - Designs and Techniques Parkinson
 B-125 Stuart Hill, Metal Works - Design and Fabrication K. Pracht
 B-126 The Blacksmith and His Art Hawley
 B-127 Toni Benetton, The Genius of Iron F. Batacchi
 B-128 Magiche Forme - Design of Sculpture Benetton
 B-129 Mousehole Forge - Mousehole Anvil History R. Postman
 B-130 Manual of Locksmithing Morrison/Frechette
 B-131 Decorative and Sculptural Ironwork D. Meilach
 B-132 Heat Treatment Selection - Tool Steel Bryson
 B-133 Locks from Iran Avoli/Wertime
 B-134 Build Your Own Hydraulic Press Batson
 B-135 Nature and Art of Workmanship Pye
 B-137 Fireplace Accessories (Same as B-154) D. Meilach
 B-138 Enseignes, Heutoirs, Serrures (Museum Iron Pieces) Musee Rouen
 B-139 Gas Burners Porter
 B-140 Pattern Book For The Artist Blacksmith - Repousse Metzger
 B-141 Lives Shaped By Steel N. Zastrow
 B-142 A Blacksmiths Craft - The Legacy of F. Whitaker Vol. 1 Dixon
 B-143 The Art of Engraving J. Meek
 B-144 Encyclopedia of Decorative Ironwork, 12th through 18th centuries O. Hoever
 B-145 Copper Work A. Rose
 B-146 Pattern Book for Artsmiths, The Anvil's Ring, 10th Anniv. M. Metzger
 B-147 The Contemporary Blacksmith D. Meilach
 B-148 Ironwork Today, Inside & Out D. Meilach
 B-149 Wrought Iron & its Decorative Use Ayrton/Silcock
 B-150 Masterpieces of Italian Decorative Ironwork Pedrini
 B-151 Art Deco Decorative Ironwork Clouzot
 B-152 Charleston Ironwork Bayless
 B-153 Art Deco Ironwork & Sculpture Cook/Spinner
 B-154 Fireplace Accessories (Same as B-137) D. Meilach
 B-155 The Golden Age of Ironwork Magaziner/Golding
 B-156 Art Objects by Tula Craftsmen Aurora Art
 B-157 Davies Brothers Gatesmiths Edwards
 B-162 Gas Tungsten Arc Welding The Miller Co.
 B-163 Gas Metal Arc Welding The Miller Co.
 B-164 Soldering & Brazing U.A.J.A.
 B-165 Practical Metallurgy J. Neely
 B-166 New Lessons in Arc Welding The Lincoln Foundation
 B-167 Metals and How to Use Them The Lincoln Foundation
 B-168 Procedure Book for Arc Welding The Lincoln Foundation
 B-169 Blueprint Reading for Welders Bennett/Siy
 B-172 Foldforming C. Lewton-Brain
 B-173 Nahum Hersom, Repousse J. Henderson
 B-174 The Skills of a Blacksmith - Vol I Mark Aspery
 B-175 The Skills of a Blacksmith - Vol II Mark Aspery
 B-176 Early American Wrought Iron Albert H. Sonn
 B-177 Torture and Punishment Devices Tower of London
 B-178 My Life as an Artist Blacksmith Francis Whitaker
 B-179 Metal design 2011
 B-180 Practical Projects for the Blacksmith - Tucker
 B-181 From Fire to Form - Clarke
 B-182 The working Folding Knife - Dick
 B-183 U.S. Navy Foundry Manual
 B-184 Shop Drawings - J. Hoffman
 B-185 Davies Brothers Gatesmiths
 B-186 Decorative Ironwork Vandour
 B-188 Tomahawks Traditional to Tactical - D. Grant
 B-189 Art Deco Ironwork and Sculpture
 B-190 Ironwork today Vol 3 - Snyder
 B-191 Metal Design 2010
 B-192 Ironwork Today Vol. 2 - Snyder
 B-193 Skills of a Blacksmith - Vol. 1 - Aspery
 B-194 Master Metalsmith - Peter Ross

B-195 Passion and Power - Iron Artists in Western U.S. - Zastrow
 B-196 French Art Deco Ironwork Design
 B-197 Classic Wrought Ironwork Patterns
 B-198 Hammered Copper - Mexican Art Series
 B-199 Encyclopedia of Rawhide and Leather Braiding
 B-200 The Hand Forged Knife
 B-201 Just an Idea - Stanley
 B-202 Le Forgerar et le Ferblantier
 B-203 Cancelli D'Italia vol.2
 B-204 The Backyard Blacksmith

PAMPHLETS, BOOKLETS & MAGAZINES:

B-11P Blacksmithing J. Drew
 B-12P Blacksmithing for the Home Craftsman J. Pehoski
 B-13P How to Make a Blacksmith Bellows R. Heath
 B-15P Machine Forging Lindsay Pub.
 B-16P Machine Blacksmithing Lindsay Pub.
 B-17P (Power) Hammer Work Lindsay Pub.
 B-18P Drop Forging Lindsay Pub.
 B-19P The Big Hammer Bituminous Bits
 B-20P Treadle Hammer Tools/Operation Bituminous Bits
 B-22P Plans for the Simple Air Hammer R. Kinyon
 B-25P Heat Treatment and Properties of Iron & Steel US Gov't. Nat'l. Bureau of Standards
 B-26P Hammers Blow 1/1 thru 4/1 ABANA
 B-27P Copper Candle Cups/Tools & Techniques G. Chapman
 B-28P Early Ironware E. Smith
 B-29P Early Tools & Equipment E. Smith
 B-49P Guide to Tool Steels-Composition & Trade Names Supplier/Manufacturer
 B-71P Best of the Bits (Collection of "How To's") Vol. I Alabama Forge Council
 B-72P Best of the Bits (Collection of "How To's") Vol. II Alabama Forge Council
 B-81P Basic Bladesmithing Information W. Goddard
 B-82P Penny Knife - Tools & Techniques to Make a Colonial Style Folding Knife G. Chapman
 B-83P Little Uglies. Tools & Techniques - Show & Tell G. Chapman
 B-103P Weathervanes - Past and Present P. Mockridge
 B-122P Plans/Drawings for a recuperative gas forge ABANA Publication
 B-123P Plans for Pattern Cutout Device ABANA Publication
 B-158P Country Knives G. Chapman
 B-159P Copper candle Cups II G. Chapman
 B-160P Nose to the Grindstone G. Chapman
 B-161P Hot Shop - Blacksmith Stuff G. Chapman
 B-170P In-Line Treadle Hammer Spencer
 B-171P Iron Age Primitives G. Chapman

VIDEOS

V-23 - DVD - Jorgen Harle Power Hammer Disk 10/10/03 Power Hammer Disk 1 through 5
 V-24 - DVD - Jerry Hederson's Repouee Demo
 V-28 - DVD - Arnon Kartmazof - Japanese Knifemaking Spring 2004 Disk1,2,3
 V-29 - DVD - Jouko Nieminen and Jarmo Anttila from Finland, Spring 2004,1,2
 V-30 - DVD - Ed Fowler - The Forging, Construction And Function of the Using Knife (52100) Bearing to Blade to Finished Knife
 V-32 - DVD - John Crouchet - The Fly Press
 V-33 - DVD - Blacksmith Boondoggle; The Creation of "For Willene"
 V-34 - DVD - Mark Aspery Mt. Vernon Demonstrator Disk 1,2,3
 V-35 - DVD - Ray Ratanen -Demonstrator Mr. Vernon Spring 2008
 V-36 - DVD - Jake James Fall 2008 Stevenson WA. Disk 1,2
 V-41 - CD - Hot Iron News 1984 Winter to 2008 - 4
 V-38 - DVD - Hot Tips Sunday Fall 2008 Stevenson Disk1,2,
 V-37 - DVD - Joe Elliott Fall 2008 Conference, Stevenson WA. Disk 1,2
 V-39 - DVD - Darryl Nelson - Forged Animal Heads - The Lynx
 V-40 - DVD - Darryl Nelson - Forged Animal Heads - The Bear

NWBA Board Election, December 2012: Candidate Statements

It's NWBA Board election time. This year there are 4 positions being voted on and 6 candidates to choose from. Candidate Statements were also included in the ballot packets, and are included here for your convenience. All NWBA members should have received ballots in the mail by now. Your vote is important, the ballots must be returned postmarked no later than December 31, 2012. Mail in your ballot on time and make your vote count. If you have not received your ballot contact the NWBA immediately, send an email to nwbainfo@gmail.com.



Hi NWBA, many of you know me, I have been a member for many years. For those who don't, I am Bill Apple, I have been on the board of directors for the last two years, One year as a board member, One year as president. I am asking for your support, as I am running again. I have worked hard with the present board to educate and to promote blacksmithing to all skill levels. I would like to move ahead to take advantage of our new

501c nonprofit status and look for supporters for our education program. With our new monthly meetings, we have a home and can set up long term goals to give our members more opportunity to make their blacksmithing goals reality. Better skills make us all better in the end, I also think with more interaction, we will get to know each other better. This will make us a stronger group as a whole. As a board member I have supported the Western states conference, as a huge opportunity for everyone in the NWBA. The skill levels that will be coming to Mount Hood will be some of the best in the world. I support all forging and skill levels: Blacksmiths, Knife Makers, Farriers, Gunsmiths, Artist, anyone who has an interest in fire and steel and wants to put a hammer in their hand. Let's get together and make this the best and strongest blacksmith group in the country. We are all in this together. I can't do this without you. I need your vote and your support.

Thank You,
Bill Apple, Current President NWBA



Hi,

I'm Jay McGowan. I've really enjoyed being part of the NWBA. I've had a lot of fun connecting young aspiring smiths with the NWBA and bringing the Ellensburg Boy Scouts to the last Conference. I'd love to be on the board and get really involved in outreach and the fun of introducing new people to blacksmithing.

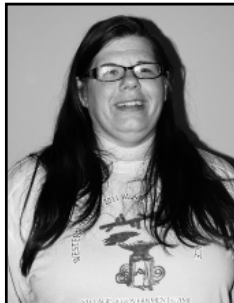
Thanks, Jay



Membership,

Thank you for the opportunity to serve on the board, these last two years have been productive. We have our new tax status, a home base at Longview, and for the first time ever we have a clubhouse-teaching facility. This will allow us to do and provide more for our membership. With your support I am happy to serve on the Board of Directors for another term.

Thank you,
Dean Mook



Hi,

I'm Kelly Stearns. A few years ago I brought my son to our first conference not knowing what to expect. What we found was a group of highly talented individuals willing to share their craft with a young man interest in the art of blacksmithing. As a board member I would work to continue that commitment to education through member events and outreaches.

As the NWBA tries out some new ways to meet the education needs of our membership I will work to make sure we are challenging blacksmith of all skill levels.

I feel strongly about the need for the NWBA to grow. As one looks around our events you will notice a lack of young adults. I would like to help the NWBA reach out to more young adults in order to build a stronger organization for the future. We need to bring in this age group now and pour into them, so they can be our leaders in the future. As a board member it would be my chance to give back to a group that has poured into my son.

Thank you,
Kelly Stearns



As a member of the N.W.B.A. for ten years the association has given me so much.

Through a more active role, I would hope to advance our goals.

Thank you,
Brent Christiansen



My husband (Robert Purdy) and I have been attending the NWBA conferences regularly for about 10 years and have been enjoying all the activities from the side-lines. Having served on committees and been an officer on several boards in other organizations, I know about the hard work that goes on "behind the scenes". Basically I feel it is time for me to "roll up my sleeves" and "give back" to the NWBA. It would be an

honor to serve the membership of this great organization.

Thank you,
Bonnie Klein

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.

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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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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>

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 CALENDAR EVENT LIST (<http://blacksmith.org/forums/calendar.php>)

2012:

December 6 Opening NW Anvil 4 at Pratt Gallery at the Tashiro Kaplan studios

2013:

January 26 First Demonstration and Open Forge at our new clubhouse, Darryl Nelson Demonstrating: Finials, or "what do do when you reach the end" at the Cowlitz Expo Center, Longview, WA

February 23 NWBA Member Hammer-In, Cowlitz Expo Center, Longview, WA

March 23 NWBA Member Hammer-In, Cowlitz Expo Center Longview, WA

April 26-28 NWBA Spring Conference 2013, Cowlitz Expo Center, Longview, WA

May 25 NWBA Member Hammer-In, Cowlitz Expo Center, Longview, WA

June 22 NWBA Member Hammer-In, Cowlitz Expo Center, Longview, WA

July No Hammer In for July, 2013.

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

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



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
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.

Date: _____

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 U.S.

\$50 outside U.S.

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.

WELCOME NEW N.W.B.A. MEMBERS

The NWBA wants to extend a warm welcome to the new members of 2012. There are many opportunities for members to become involved in the organization; as a volunteer or leader, and most importantly to just learn. Welcome!

If we have missed you in this list, we apologize in advance for our omission.

Hayden Amren	Carmen Chacon	Rodger Kilmer	Jeremy Nash	Dan Scott
Mike Anderson	Mary Chandler	Dylan Knief	David Nimmo	Dennis Shelley
Herbie Annala	Saign Charlestein	Trent Knief	Scott Norguard	Alexander Spicher
Rahn Axtell	Mike Clifton	Robert Kross	John OÓBrien	John Stallings
Brian Ayres	Michael Dark	Tom Kunkel	Gary Oslund	Richard Stimson
Jennie Bagby	Allen de Steiguer	Tom Lathrop	William Ottaviani	Robert Stone
Dave Barnes	Rick Dow	Linda Lawrence	Dave Owens	Garrett Storkin
Wayne Barrowcliff	Tim Eaton	Nitzan Lillie	Herman Oxborrow	Brent Swaringen
Robert Barrowcliff	Paul Edwards	Trevor MacCay	Ellison Pearson	Garatt Tayler
Mark Berryhill	Emily Ewing	Donald Martin	Emmett Pearsons	Headen Thompson
John Bitney	Jakob Faram	Mike May	Jerry Peasley	Hayla Thompson
William Bland	Coby Farnham	Barry McAllister	Christoffer Peterson	Emily Verdoorn
Timothy Boman	Tom Garmon	Mike McCravey	Anthony Pierce	Jordi Vollom
Mike Boseth	Marc Gessford	Michael McGowan	Leo Plas	Scott Walker
Maegann Boseth	Albert Godwin	Dave McKinney	William Pokletar	Jeremy Wallace
Colt Brace	Zach Greig	Susan Miller	Ryan Porter	Thomas Waszok
Ambrose Braykovich	Matthew Hamel	Shari Mills	Jody Powell	Kyle Watson
John Broaddus	Marj Harding	Gary Mills	Jeremy Powers	Gary Whitman
Jason Brooks	Tore Haugen	Tabasco Mills	Richmond Prehn	Mark Widlund
Zachary Bryant	Gary Hemenway	Jeff Monahan	Cody Price	Terri Wood
Kenneth Buis	Edward Holterman Jr	Phil Montano	Chris Quill	Russell Young
Darrell Campbell	Hayden Hutchinson	Garrett Moon	Zachary Rhyne	
Luke Carlson	David Kailey	David Moore	Glen Ross	
Adam Carstensen	Noellani Karry	Donald J Moore Sr.	Krista Ryneurson	
Ryan Carter	John Kashuba	Philip Nash	Don Sanders	

Announcements

Get Involved!

Lend us a hand at the Western States Conference. Contact Darryl Nelson for details about how YOU can help make it happen. firemtforge@hotmail.com

Board meeting:

A Board meeting will be held on January 26th, 2013 at 10 AM at the Cowlitz Conference Center, Longview, WA. This will be just prior to our very first event at our new 'clubhouse'.

All NWBA members are welcome to attend the board meeting and the event.

Reminders:

Support the NWBA with your creativity: During every conference there is an auction where members' art is sold to the highest bidders, all proceeds go to the NWBA. These funds are what enable us to offer many of the services that are part of the benefits of NWBA membership. Plan ahead, make something for the auction, and help NWBA be the best blacksmith organization ever!!

Show off your talent: At every conference there is a gallery of NWBA member blacksmith art. Take advantage of the opportunity to share your work by bringing a piece to the next show.

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

Or, use the article submission forum on the website.

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Blacksmithing Classes

Instructor Bert Romans

WLD 103 and WLD 203

Clackamas Community College - Winter

Term <http://www.clackamas.edu/>

Registration opens November 13, 2012

Classes begin January 7, 2013

Advertising Policy

Hot Iron News is now accepting ads for publication in the Hot Iron News, depending on space availability, which is very limited.

If you have any questions do not hesitate to contact editor Amy Mook

at nwbainfo@gmail.com

Download Ad Specification and Pricing Sheet online at:

<http://blacksmith.org/forums/content/600-Advertising-in-the-Hot-Iron-News>

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/forums/content/520-Al-Bart-Grant>



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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

Hot Iron News



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I Love People, They are D'Lisch-us
Dave Lisch 2012, Fall Conference Gallery