

# HOT IRON NEWS



Voice of the Northwest Blacksmith Association

Second Quarter, 2009

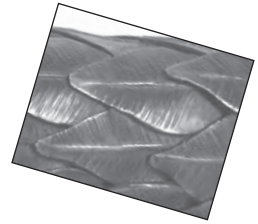


•30th Year•

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Cover art



Bar Railing Bracket

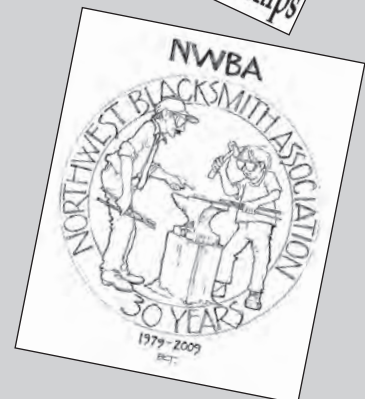
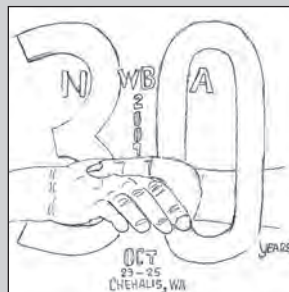
Patrick Maher

## 30th Anniversary Design Contest

Vote by July 15!

Email voting  
only!

See Page 10



# Northwest Blacksmith Association



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## Committees

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*Finance & Audits:* Chair, Dick Naven

*Publications & Communications:* Chair, Ina Culberson,

Louie Raffloer, John Simpkins

*Events & Programs:* Chair, Tim Middaugh, Matt Sabo, Bob Thomas

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Workshops and Education: Tim Middaugh

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### NOTE TO ALL NWBA MEMBERS

All committees welcome new members.

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

Darrell Gehlsen, Webmaster, 360-539-5089

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

**Northwest Blacksmith Association**

8002 N.E. Highway 99, #405

Vancouver, WA 98665

Annual Dues: \$45,(foreign, \$50), and include a quarterly subscription to the *Hot Iron News*. Dues may be paid online.

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## Update With The President. . . .

What a great time was had by all who attended the Spring 2009 conference at Ponderosa Forge & Ironworks in Sisters, Oregon. Our hosts, Jeff, Heather and Hayden Wester went above and beyond with hospitality and meeting our needs. Their beautiful showroom was a must-see. And the meal catered by Tate & Tate--fantastic!--"the best we've ever had" according to our blacksmith connoisseurs.

Demonstrators Gary Gloyne and Marcus Engler drew crowds of members eager to learn something new and to watch someone else do the hammering. Along with our hosts, the Coordinator Team of Dick Naven, Mark Manley, George Blackman and Dennis Prince put in much time and energy to ensure a successful conference. Thanks, one and all.

What do John Emmerling, Andrea Lisch, Andy Blakney, and Lisa Geertsen have in common? Their hands-on teaching was a first-time conference experience for them. Kudos to each one for stepping forward and accepting the challenge. You and the NWBA membership are richer for it. Louie Raffloer's hands-on repousse table was constantly busy with pounding and the excitement of making something by hand.

There are many more to thank for putting in the hours: registration and sales crew, auction crew, librarian, archives, the setting-up and the clean-up crews. Volunteering to help at conferences is one way to get involved at ground level. Try it! Two hours at a time is all that is required.

The auction brought in \$4,828.66 and lots of fun. Grant and Hwa Sarver provided free hot dogs at lunch time with a large jar placed for donations. The jar was then auctioned on Saturday night. The bidding war began. Even though the amount of



money in the jar was unknown, bids kept going higher and higher, until at last Jeff Wester was the winner. The jar was taken to him, and he immediately donated it back to the NWBA! The entertainment value was priceless.

Spring conference 2009 is now in our rear view mirror as we move forward to Fall 2009 and the 30th Anniversary of the NWBA. An exciting venue is underway--three outstanding demonstrators committed and contracts in the works plus hands-on, blacksmith junk yard competition, a panel discussion, slide show, wine tasting, dinner, auction, open forge time, and more. You won't want to miss it so mark your calendars now for October 23-25 (set-up on 22nd) at the Southwest Washington Fairgrounds in Chehalis, WA. John Simpkins, Tim Middaugh and I are the coordinators.

During both the Board and the General Membership meetings, interest was shown in the possibility of having a four-day conference for our 30th. After working the schedule, expenses, and practicality of all that we wish to accomplish, we decided on a fuller packed three-day conference

with registration open on Thursday late afternoon (3-5) and evening (7-8:30). Look for more details in the next HIN--and be sure and check out the website.

At its meeting on May 1, 2009, the Board created an exploratory committee under Member Services to assist families of the deceased. Dave Davelaar is chair; George Blackman and Dick Naven volunteered as members of the committee. More will be published as the committee forms and begins its process.

It's now time to be thinking about who you'd like to have on the Board next year. Five positions will be open. Because the Fall Conference is later than usual and in order to take care of year-end business in a timely manner, there will be a slight change in the process. As of the General Meeting at Spring Conference, nominations are open and will close at the General Membership meeting October 24. If you'd like to nominate someone or if you'd like to run yourself, please put it in writing (email

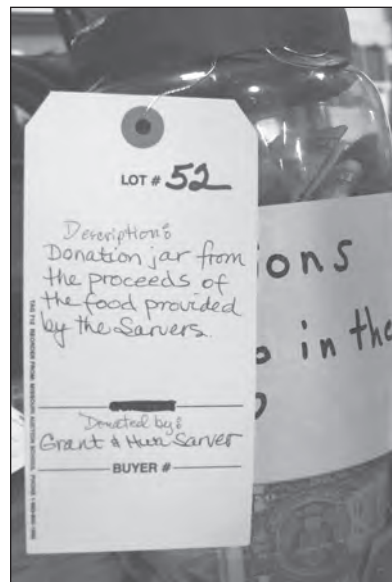
is fine) and send to Secretary Dave Davelaar. Nominations received prior to conference will be presented one by one and each must receive a second to be placed in nomination. Nominations from the floor will be taken as well before nominations are closed. Candidate statements are due no later than October 31.

The Board and various committees have many irons in the fire, creating a surge of anticipation for the upcoming conference. Now is a good time for you to begin working on that special item for the 30th Anniversary auction and/or gallery. Show us your best stuff! Together we can revel in the moment of celebrating 30 years of forging iron and friendships, and at the same time move forward with even greater expectations. You won't want to miss this celebration.

## *Ina Culberson*



**Bidding was heated for the jar full of money collected as donations to the Sarver's hot dog lunch table. Nobody knew how much was in the jar when Grant and Hwa put it in the auction. When Dean Mook moved the bidding above \$200**



**(above) Grant, far right, was happy to urge him on. Jeff Wester, far left between wife Heather and son Hayden, ultimately won the jar with a bid of \$260. There was actually \$152.66 in it, which the Westers donated back to the NWBA.**

### A giant "THANK YOU!" to the Westers and Sarvers from all at the Spring Conference

I would like to take a moment to reflect on the Spring Conference held at Jeff Wester's Ponderosa Forge, in Sisters Oregon. What an inspiring shop, certainly one of the premier shops in the country with obviously a high overhead, which gave up two days of production to host us.

For that I want to say again Thank You to the Wester's for their hospitality, I only wish there had been a tour of this incredible shop.

THANK-YOU'S are very important in a volunteer association like ours and with this in mind, I would also like to take the opportunity to thank the Sarver's, and especially Hwa, for supplying non-stop FREE Hot Dogs & Sauerkraut to the attendees, providing us with the opportunity of staying on site for lunch. There was a continuous line of blacksmiths biting dogs and a donation jar at the end of the dog line, which said "Donation Jar will go into

the Auction". Said Jar brought over \$250.00 at the auction. The winning bidder then donated the Jar and the contents back to the association, even though there was no official thank-you given the Sarver's for these acts of generosity, it did not go unnoticed by most of us, so I would like to say THANK YOU to Hwa and Grant for their continued thoughtfulness and generosity to our group.

*Darryl Nelson*



### New conference logo, new board member, other news from ABANA

#### New Conference Logo

The new ABANA Conference logo has a musical theme. "ABANA's Greatest Hits." It pays homage to the rich musical heritage of our host city Memphis and to the sweet ring of the anvil when played by a smith. Check out the ABANA web site and come and see us June 2-5, 2010 in Memphis. We will make beautiful music together.

#### New Board Member

Andrew Blair was appointed to fill the board position that Kate Dinneen vacated. Andy practiced business law in Den-

ver until his retirement in 2007 and was active with the Rocky Mountain Smiths. He now lives in Stevensville, Montana, and is active with the Northern Rockies Blacksmith Association. No matter how many bad jokes there are about lawyers, it is always nice to have one at hand when needed.

#### The Australian Affiliate's Tree Project

Early February of this year Victoria, Australia, suffered the worst national disaster to ever occur in Australia's recorded history. To honor those that

have been lost to the devastating fires and the brave people who battled the elements, Australian Blacksmiths Association (Victoria) Inc., ABANA's newest affiliate, is inviting blacksmiths from around the world to contribute to the tree project. Make a leaf and join smiths from around the world forming a memorial and for the spirit of renewal. Visit the ABANA web site and click on The Tree Project under Latest News.

#### Tom Clark Memorial Gate Project

BAM is also asking smiths

## ABANA

from around the world to contribute a leaf for a memorial gate project to Blacksmith Extraordinaire Tom Clark. The gate was completed at the BAM Conference in Sedalia, MO, on May 1-3, 2009. Tom was very dedicated to blacksmithing and made friends with smiths and enriched their lives where ever he traveled.

### Fellowships with Coubertin in France

The American Friends of Coubertin have announced the availability of training fellowships for Sept 2009 to July 2010 in metalwork (not jewelry) and stonework at the Coubertin Foundation outside Paris, France. This is a great opportunity for some in their early 20's. All expenses are covered at one of the leading traditional craft institutions in Europe. See the ABANA web site for details.

Please keep in touch.

*Bruce Woodward*

ABANA Affiliate Liaison Representative  
woodwardiron@roadrunner.com

## Buy your T-shirts, other NWBA neat stuff online

A Members-Only Store page can now be found under Marketplace on our website, where NWBA members can purchase NWBA merchandise, such as sweatshirts, T-Shirts, pins, decals, caps and bumper stickers.

As these items are normally only available to those members who attend conferences, the intention is to be able to include those members who live too far away to attend.

Other items will be included as they are available.

## MEMBERSHIP APPLICATION



Northwest Blacksmith Assn.  
8002 NE Hwy 99, #405  
Vancouver, WA 98665

Membership Status

☐

New

☐

Renewal

☐

New Address

Annual dues are \$45 (\$50 out of USA) and include a quarterly subscription to the Hot Iron News. Please make your check payable to NWBA and mail to the above address.

Name

Address

City

State Zip

Phone

E-mail Address

You can renew online

### Northwest Blacksmith Association First Quarter 2008 Profit & Loss Statement

Beginning Balance, Jan. 1: \$32,499.41

#### Income:

Dues, Advertising & Sales:	4,540.00
Library Income:	16.00
Interest Income:	8.25
Deposit Refunds:	250.00

Total Income: \$4,814.25

#### Expenses:

Printing & Publishing:	2,703.50
Conference Expenses:	684.50
Continuing Education: Library:	2.93
Administration/Member Services:	880.30
Capital Equipment:	530.00

Total Expenses: \$4,801.23

Ending Balance, March 31: \$32,512.43

# Bernard (Barney) Coski

1921 - 2009

A friend of  
the NWBA

*Grant Sarver forwards  
his remembrance of an old  
friend and blacksmith,  
Barney Coski*

I'm proud to be able to say that Bernard Coski was a real friend of mine.

Although separated by a generation, we were pals. We were both more comfortable with "things" than with people, in some ways. Snakes and snails and puppy-dog tails, along with springs and sprockets and new ideas. We shared thoughts like we shared beer, as we drank our fill of both. And while the beer often ran out the latter never did. He had one of the sharpest minds I've known and was always full of new ideas.

Born to an immigrant farmer in 1921 in Ontario, California, the family soon moved to Klamath Falls, Oregon. His childhood was more humble than we can imagine today; a house with canvas walls and wood floor. Subsistence farming taught Barney that you had to work hard just to break even. He drove himself to do the work of two or three men and had little tolerance for anyone who did less. For the rest of his life he always expected more than was reasonable from others, while holding himself to the same impossible standard.

After graduating high

school, he packed up his Indian motorcycle with everything he owned and hit the open road.

Landing in Tacoma, Washington, at the height of the depression he, nonetheless, secured employment at the I.W. Johnson Co. where he learned the machinist trade.



In 1943 he enlisted in the Army and was accepted into the Army Air Corp. and went to Stockton, California, training camp where he learned how to fight and drink. Hearing of Barney's reputation and that he was near graduation from flight school, Germany and Japan both surrendered before he could see action. He was soon mustered out of the service and returned to Tacoma and his old job.

After running a planer

for a few years he learned that the blacksmith shop around the corner was for sale and made the owner an offer he couldn't refuse. While he had no training as a blacksmith, he was sure that all it required was brute force and ignorance, and at the time he excelled in both (don't we all at that age?). An avid reader and a fast learner, he soon mastered the craft.

That operation was known as Tacoma Welding & Forging.

In '55 or so, that shop burned down. Not one to be held down, he purchased land on the Tacoma tide flats for a new shop. Securing the salvage on some old mine buildings, he tore them down and used the materials to build his new shop, Coski Pacific Forge! It wasn't much more than a shell, but would serve him well. The walls looked like the host to a firefight with small arms, there were old nail holes everywhere. The floor was just sand with planks laid down the middle to roll wheelbarrows down (what we call "material handling" today). Some machines were simply mounted on timbers buried in the sand.

While not the most auspicious time to start a blacksmithing business, it did have the advantage that lots of forging machinery was coming

available cheap. After motorcycles and women, he probably loved horse-trading best. He reveled in convincing sellers that he was honestly doing them a favor by taking some old machine off their hands. He learned to buy low and sell never! If you ever saw his acreage, you know just what I mean. His shop was known to local blacksmiths as "the elephants graveyard". Machines of all description were lined up on either side of his shop. Presses, benders, and around twenty steam and air hammers occupied the south side and all manner of mechanical hammers on the north.

The shop did any work that came in the door and anything he could scare up. He always looked for manufacturing opportunities, turning out welding hammers, pickeroons,



chisels and even TV stands! He soon found the best market at the time to be demolition tools (jack-hammer bits) and sharpening. Recognizing the logistical problems associated with the constant need to resharpen paving breaker bits, he put his mind to the problem and developed the "Coski Replaceable Tip", for which he was granted a patent. Many had tried to achieve this, but his was the first successful tool of its kind.

Where he found time to race motorcycles I'll never know, but race he did! Taking trophies

and setting records all over the Northwest. He never gave up his love of motorcycles and rode often right up to the end.

In the sixties he had his own P-51 Mustang, great story about him making strafing runs at the Space Needle, racing away from the FAA chase plane (a Cessna) and crashing at Boeing field.

Well, I guess I could go on for way too many pages. Barney passed on March 19, 2009. He is survived by a son, Mike and a daughter, Schandra. He was a friend of the N.W.B.A. and will be missed, for sure. Farewell Barney, I'll never forget you.

Grant

# 30th Anniversary Design Contest

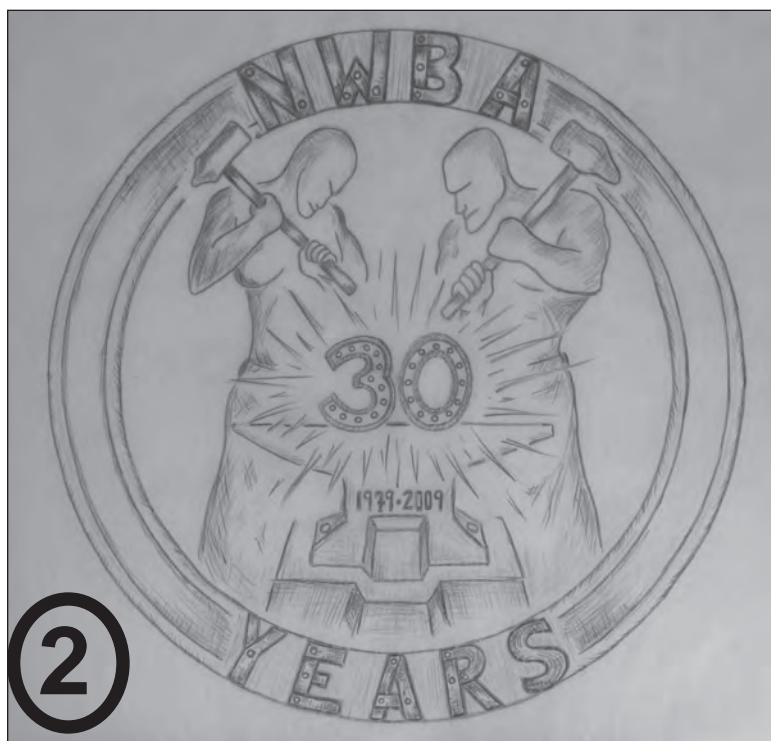
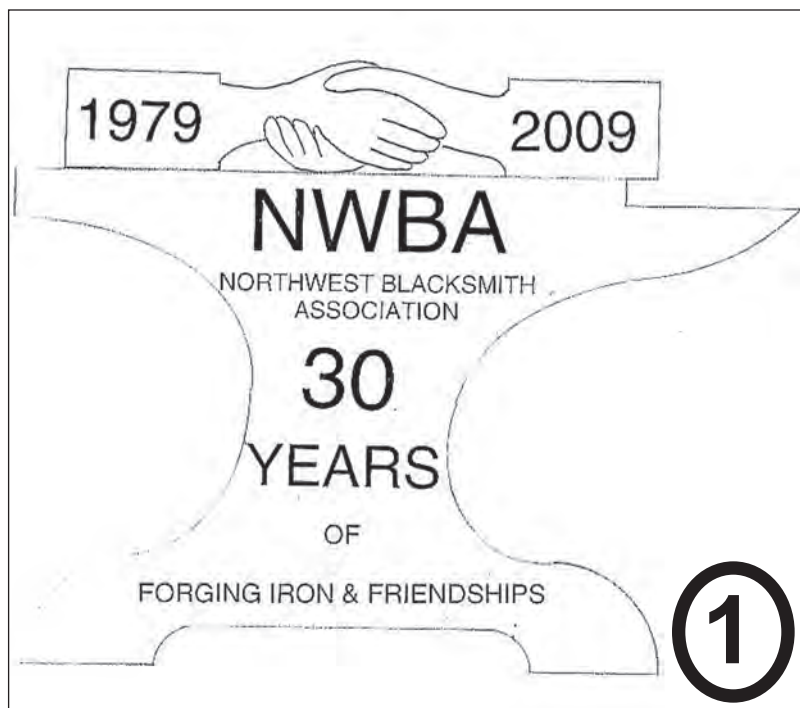
VOTE BY JULY 15  
E-MAIL ONLY  
laurensmolski@gmail.com

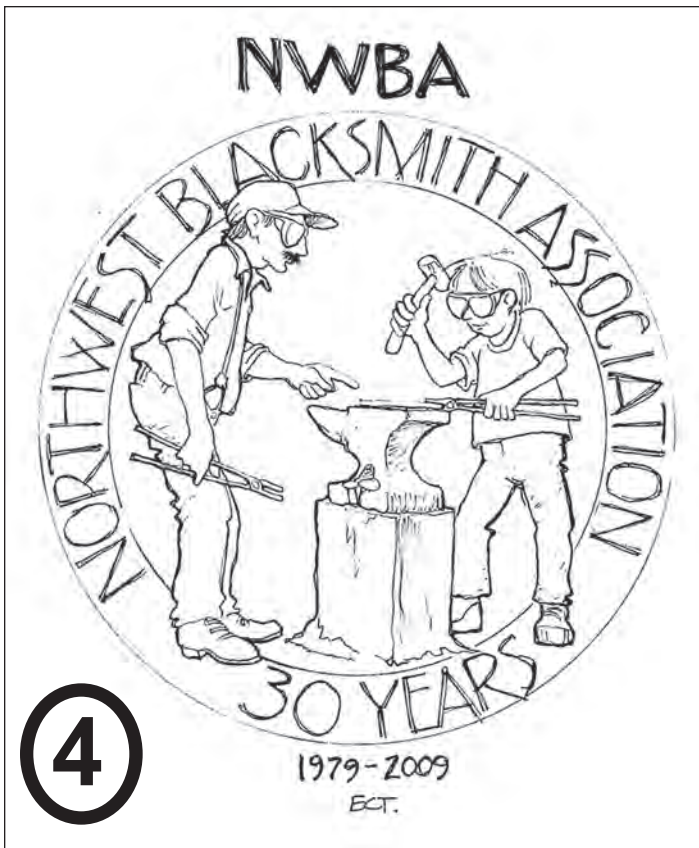
Here are seven hopefuls to be the official design for the NWBA 30th Anniversary Conference this October.

Cast your vote for your favorite.

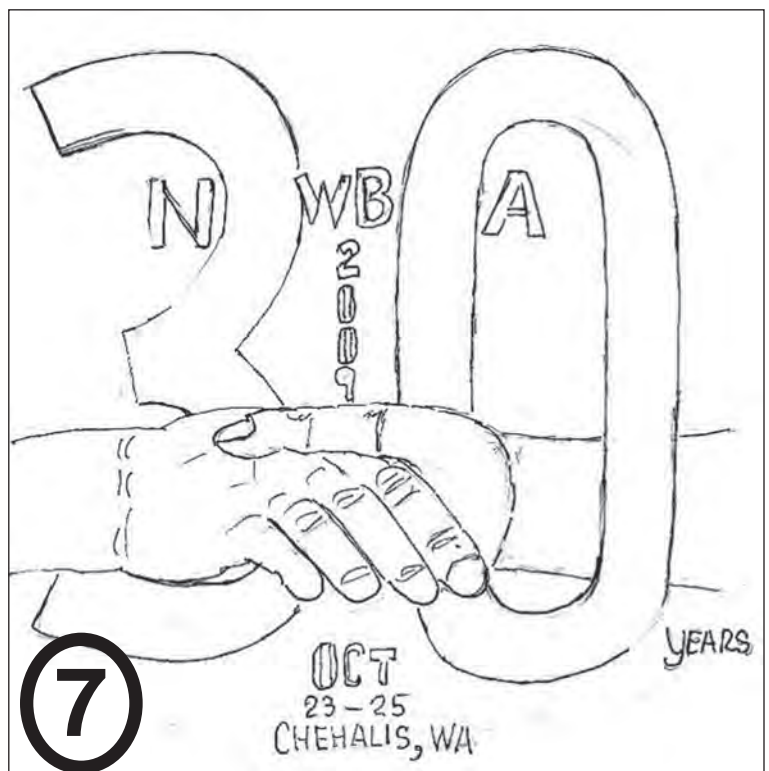
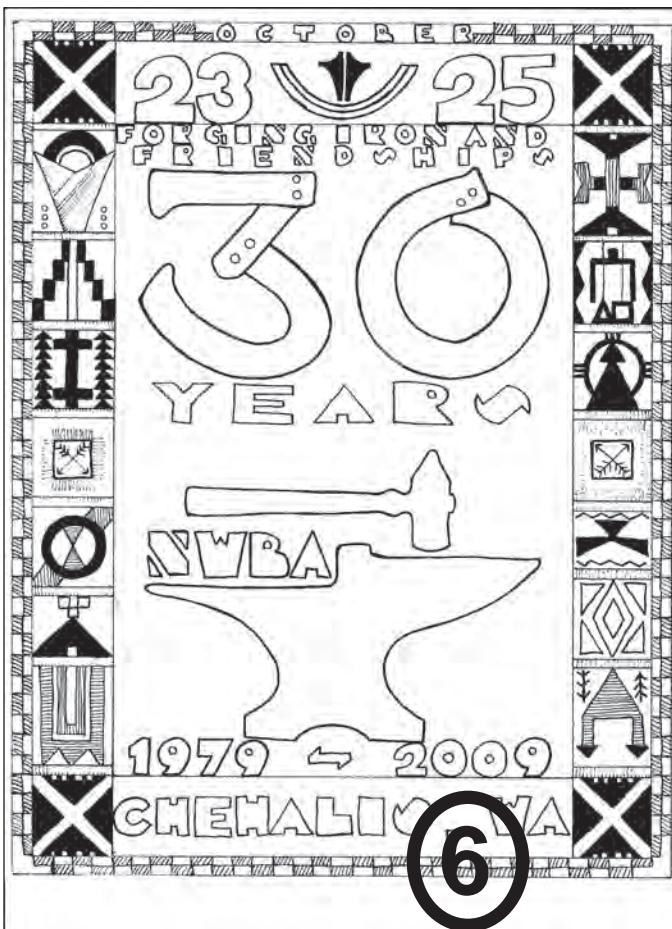
Winner gets \$100 plus the pride of seeing their creation on t-shirts, on a full page of the Hot Iron News, in other notorious places.

Vote by email only at —  
laurensmolski@gmail.com  
Vote by July 15.





VOTE BY JULY 15  
E-MAIL ONLY  
laurensmolski@gmail.com





# A Vision of the Western States Blacksmithing Curriculum

*by Dugal Easton*

The Western States Blacksmithing Curriculum 'Basic' and 'Intermediate' classes were given in April by journeyman smith Mark Aspery at Meridian Forge, near Eatonville, WA.

I first became interested in the curriculum when Mr. Aspery spoke of it while demonstrating at the NWBA Spring Conference in 2008. I found it intriguing in that it promised to set a standard of progressive requirements for multiple levels of blacksmithing instruction; was jointly developed by multiple smiths; and is in use by the CBA and AABA. The curriculum is open, copyright free, and available at his website [www.markaspery.net](http://www.markaspery.net)

The 'basic' class began with safety information, data on tools and methods, and demonstrations.

Plenty of background theory was presented at the whiteboard, including hammering

technique, steel types, heat treating, and other topics appropriate to a basic class. Anyone familiar with Aspery's first book, "The Skills of a Blacksmith, Vol. 1" will recognize this material.

Next was plenty of anvil time hammering ½" square bar into square, octagon, round, diamond and chisel tapers. The basic square to octagon to round, cut it off, do it again. Enough practice time was there for a reasonable beginner to achieve results. Along the way there were lessons on basic leaves and practice shaping them with a farrier's rounding hammer.

The class progressed through the basic exercises to making tools: a hot cut chisel, and rectangular (eye socket), round (eye), and slot punches.

These tools were then needed to make the actual basic class project, which was a wizard head bottle opener.

Before the basic class was

over there was also a lesson on forge welding and making flux spoons out of 3/8" round stock.

Throughout all of his instruction, Mark guides students through basic skills development with careful explanations, examples, lots of demonstrations, and time watching demos and hearing the explanations, with periods to practice individually.

He shares his wealth of information freely... not just the practices but the reasons for them and for his particular techniques.

The intermediate class began with the assumption everyone was reasonably capable as a beginning smith. As with the basic class, tool-making was the first order of business, with an interesting focus on specific techniques — in the first case a square upset on the end of ½"x1" bar which later became part of a leafing stake. These specific requirements were ongoing with each lesson, which



...my skills improved immeasurably during the two courses.

forced the students to work to meet spec, not just form.

Tools made over the three days were the leafing stake, a scroll stake, three double-ended stakes, and a leafing hammer from 1" stock.

Over the course of the intermediate class, we made traditional water leaves, modern

leaves, and, finally, an acanthus leaf, which required the use of all the previously made tools.

Mr. Aspery is a Welsh certified journeyman blacksmith, an Associate of the Worshipful Company of Blacksmiths, UK, and a certified AFA Farrier.

As of today, he has turned his entire wealth of smithing background and focus towards the education of others, through his classes, books, and soon, DVDs. His second book, "Mastering the Fundamentals of Leaf Work," has just come into print.

He owns and operates the Mark Aspery School of Blacksmithing in Springville, California.

I found him exceptionally knowledgeable, thorough, funny and personable, and enthusiastically recommend his classes and demonstrations to everyone who has the chance to participate. I know my skills improved immeasurably during the two courses.



**Aspery**



**Wizard-Head bottle opener by the author from his Western States class.**

# Tirling Pin Exercise

*by Bob Race*

History of Tirling Pin - My only exposure to the tirling pin is the one in Sonn's book, *Early American Wrought Iron*, page 57.

A Scottish tirling-pin... This unique device, so far as we have been able to ascertain, is a peculiarly Caledonian invention and is rarely found outside of the Scottish domain. There is one in the Victoria and Albert Museum in London and another in the Museum of Oxford University. Taking hold of the "pin" and running it up and down the twisted handle-grasp produces a racket more than loud enough to notify those within that a caller is at the door.

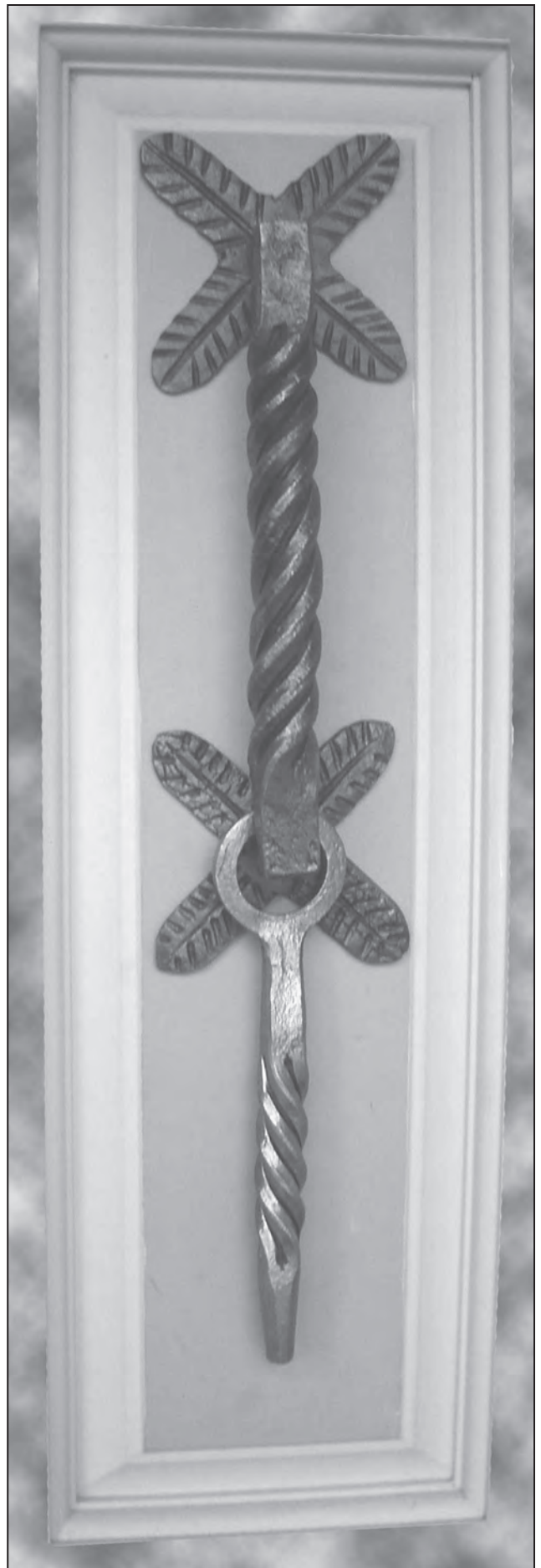
If you use the internet just enter tirling pin on the search bar; this will bring up a Fibber McGee closet of several variations on the theme.

**Materials:** The main body can be made of 3/4" sq., 12" long. The rattler is made from 1/2" sq. x 6" long. The ornamental leaves are just a little wider than the body with each leaf length being about 1-3/8ths from the center, needing roughly 10" of 3/16x1" material.

**Special Tools:** You may wish to use what some call a walking chisel with about 1/16th radius bit. Just take 6" of 5/8ths chisel stock (S-7 is nice) and spread the business end out like a fan to about 1-1/4" wide and just about that much radius, tapering to about 1/8th of an inch for the edge. Crown its edge to 1/16th radius. [Do not make it sharp.]

Making the three basic parts:

**Main body:** Make a right-angle bend at each end so that the legs are about an inch long on the inside. If you wish to slightly flare the ends a tad for pretties, that's okay. On all four sides make the 'walking' chisel grooves so that they are at least as deep as the chisel's radius. The deeper the grooves the more prominent they will appear. Slightly chamfering the corners will make the twist look even more rounded. After these are cut, bring it up to a good yellow heat, clamp one end in the vise, use your wrench and do a full turn twist (or turn and one-half if you desire) and align to two legs so that they are on the same plane.



## Tirling

---

**The Pin:** Using a piece of ½" sq. flatten out about 1" so it is centered in both directions and about 1" wide and having a slight taper from the square section to the flat. [On the following procedure try not to do any pounding on black iron.] Take a slitting chisel and cut a slit about 5/8th long in the center of the wide side so the slit is along the axis of the piece. Spread this slit open so that you can force a bigger drift to widen the hole. When you have this hole spread wide enough to slip it over a tapered cone in your

anvil, or over the anvil's horn itself, gently tap the two ears at the end so you are making a ring that is of a uniform width and its inside diameter is about 1-1/4". Take the handle part of this ring and groove it and twist it just as you did with the Main Body. The opposite end can be decorative if you wish, the drawing in the book was a simple square end - no frills.

**The Leaves:** These are nothing but washer plates made pretty to keep the feet from piercing the wood of the door. Your leaves can be large disks;

a single plate going the length of the piece or longer. There is nothing wrong with a variation on a theme.

One also has to think of how to hold this valuable piece of art on the door. Right now mine is bolted through from the inside by two 1/4x20 flathead screws (each cushioned with countersunk finishing washers) which screw into drilled and tapped holes at the top and bottom legs. The plan is to make a nice looking plate sometime in the near future, but being a great procrastinator...

## Form your team now

# Blacksmith Wars!

**Announcing the official rules for Blacksmith Wars, an event of skill and fun for all at the Fall NWBA Conference this October in Chehalis. Open to all. Form your team and get ready.**

### OFFICIAL RULES

#### PURPOSE OF COMPETITION

The purpose of this contest is to generate a great deal of fun. Beyond that, the purpose is to demonstrate smithing skills, teamwork, and performance under pressure. The format is designed to create drama and public interest, not to mention a few dollars for the NWBA!

#### FORMAT

**FRIDAY AFTERNOON-** Introduction of teams, visit to the Scrap Yard, Q&A session.

**FRIDAY EVENING-** Drawing for Themes, submission of panel sketch, and preliminary forging (during Midnight Madness.)

**SATURDAY MIDDAY-** 2 hour forging session ends with the submission of the finished pieces to the judges.

**SATURDAY EVENING-** Pieces are auctioned, scores are tallied and winners announced.

### TEAMS

Each team will consist of up to six (6) NWBA members. Receiving help from anyone other than a team mate will result in points being deducted from overall score. All members can forge and/or fabricate on the project. All NWBA safety rules apply.

### TOOLS

NWBA Contest Committee will provide a substantial work table and post vice for each team. Hands On area will be available when not in use by classes. Teams should provide anvil(s), forge(s), and any additional equipment they might need to complete a wall panel project. NWBA will NOT provide any power tools, torches, power hammers, or any tools not mentioned above.

### SCRAP YARD

All material used in the project must come

continued on page 16

from the officially sanctioned NWBA Scrap Yard which will be located near the forging area. Only contestants will be allowed in the Scrap Yard. Scrap will consist of bar stock, round stock, and assorted flat bar stock from vendors as well as buckets of "recycled scrap" from shops around the area. There will also be some copper sheet scrap. Points will be deducted for hoarding and/or hiding of material.

### PANEL AND PANEL THEMES

All panels will be the same size determined by measuring the overall outside diameter. This allows for any shape panel within the given dimension. Measure will include any piece(s) projecting from the piece. Size of panel will be determined prior to the contest and based on material on hand vs. number of teams and the time allowed for the contest.

Themes will be suggested by the membership and drawn from a hat just before the design session on Friday evening.

### DESIGN SESSION

Once the themes are drawn and announced, each team will have thirty (30) minutes to submit a panel design to the judges. Final design must be drawn on paper provided by the contest committee at the beginning of the design session. Designs will be displayed at each team's work table. Loss of design sheet will result in a deduction of points. Change in design sheet will be cause for disqualification.

### PRELIMINARY FORGING SESSION

Teams will be allowed to forge at their table or in the Hands-On area on Friday evening until 12 midnight. Forging after midnight will result in the loss of points. Receiving help from anyone other than a team mate will result in the loss of points.

### SATURDAY FORGING SESSION

On Saturday, each team will have two (2) hours only to complete their panel. This will be a timed session during which forging, fitting, and finishing skills, as well as teamwork will be judged. At the end of the session, panels will be surrendered to the judges.

### AUCTION

During Saturday evening's auction, each

panel will be offered at auction to the highest bidder.

### JUDGING

Judging will consist of five (5) major categories:

- 1.) DESIGN
- 2.) EXECUTION OF DESIGN AS DRAFTED
- 3.) FORGING SKILLS AND TEAMWORK
- 4.) FIT AND FINISH
- 5.) CUSTOMER APPEAL

Each category will count for twenty (20) percent of the overall score. Judges will be awarding points in each category using criteria established by the contest committee.

Design- How your team's design represents the theme selected, balance and style of the design, participation in the design process, complexity of design, etc.

Execution of Design as Drafted- Does the completed project represent the design, are any added embellishments an improvement to the original design, etc.

Forging Skills and Teamwork- Are proper forge and shop techniques being used, is the work load evenly distributed and are all members working together, etc.

Fit and Finish- Is the finished piece to the same specifications and overall dimensions of the original design, are all joints, connections, collars, etc. done properly, does the final patina and/or finish fit the intended application, etc.

Customer Appeal- Just how much is the finished project worth? This special category will be judged by the entire membership at the NWBA auction on Saturday evening. The winning team will be the team that generates the most auction revenue from their piece.

### FINAL SCORES AND PRIZE AWARDS

Final score announcement and the awarding of prizes will begin at the end of the auction. Scores from the first four categories will not be announced until after the auction.

*The decision of the judges will  
be final.*  
**GOOD LUCK !**

# Brigit

*From the April, '09, edition of Forge, the Vancouver Island Blacksmiths newsletter, comes this bit of smithing history.*

Celtic goddess of widespread worship; patroness of poetry, smithing, medicine, arts and crafts, cattle and other livestock, and Spring. Her feast day was called Oimlec (modernized Imbolc), celebrated around

that endangers man's body and soul.

(Added from Wikipedia) In her English translation of Irish myth, Lady Augusta Gregory (Gods and Fighting Men, 1904), describes Brigit as "a woman

made the whistle for calling one to another through the night. And the one side of her face was ugly, but the other side was very comely. And the meaning of her name was Breo-saighit, a fiery arrow."

## *The Goddess of Smithing watches over you and your forge*

February 1. Much of her legend has since been subsumed into the figure of Saint Brigit of Ireland. According to Cormac's Glossary, Brigit was a set of triplets, daughters of the Dagda, all of the same name: a goddess of poetry, a goddess of smithing, and a goddess of leechcraft.

Smithing was believed to be imbued with magic, and smiths were seen akin to wizards. The following segment of "Faidh Fiadha" seems directed at Brigit and her worshippers... including presumably, the blacksmiths of the community: I summon today all these powers between me and these evils... Against craft of idolatry, Against spells of women and smiths and wizards, Against every knowledge

of poetry, and poets worshiped her, for her sway was very great and very noble. And she was a woman of healing along with that, and a woman of smith's work, and it was she who first

She is largely associated with the home and hearth and is a favorite of both Pagans and Christians. A number of these associations are attested in Cormac's Glossary.



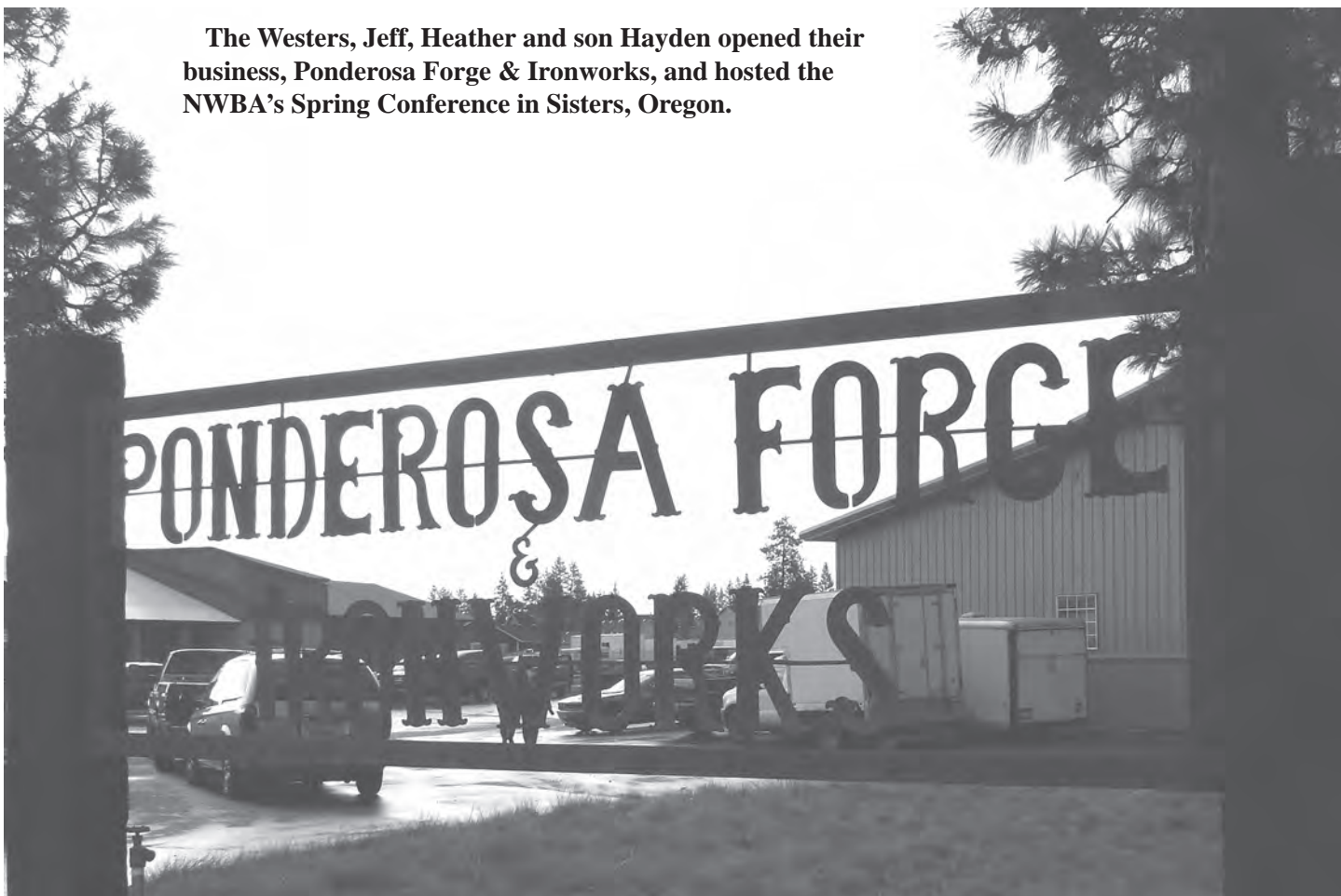
*"Against  
spells of  
women  
and smiths  
and wizards..."*



Featured demonstrator Gary Gloyne, with the help of Don Kemper, bends 2 inch stock to form half circles.

## Spring Conference in the mountains of Oregon

The Westers, Jeff, Heather and son Hayden opened their business, Ponderosa Forge & Ironworks, and hosted the NWBA's Spring Conference in Sisters, Oregon.



**Featured demonstrator Gary Gloyne brought some interesting tools**



**Featured Demonstrator Gary Gloyne, surrounded by vineyards at his home in Mt Shasta, California, has made reproductions of grapes and grape vines a signature of his work in the area.**

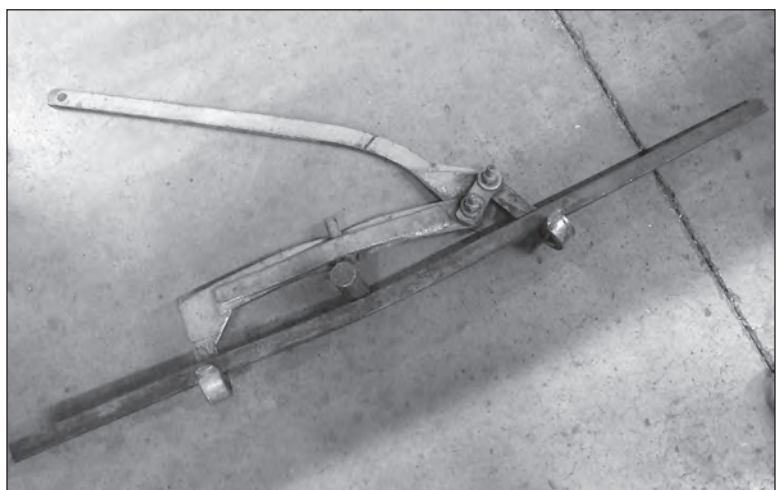


**Demonstrating a tool for holding fine dies, pounding in the small detail.**



**Dennis Prince and Gary Gloyne trading ideas. Says Gloyne, “Double the weight of the hammer, get twice the energy. Double the speed of the blow, get four times the energy.”**

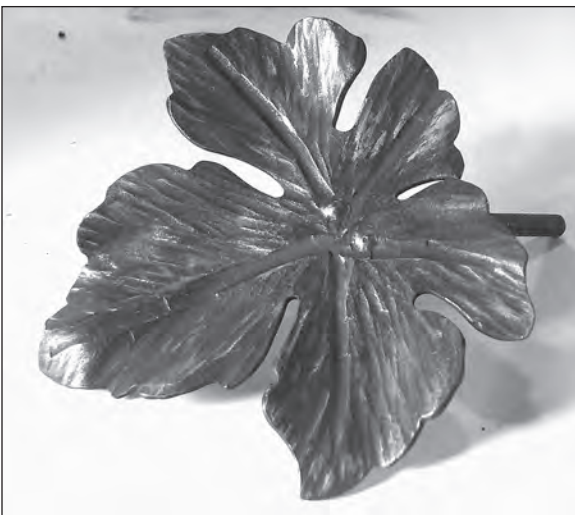
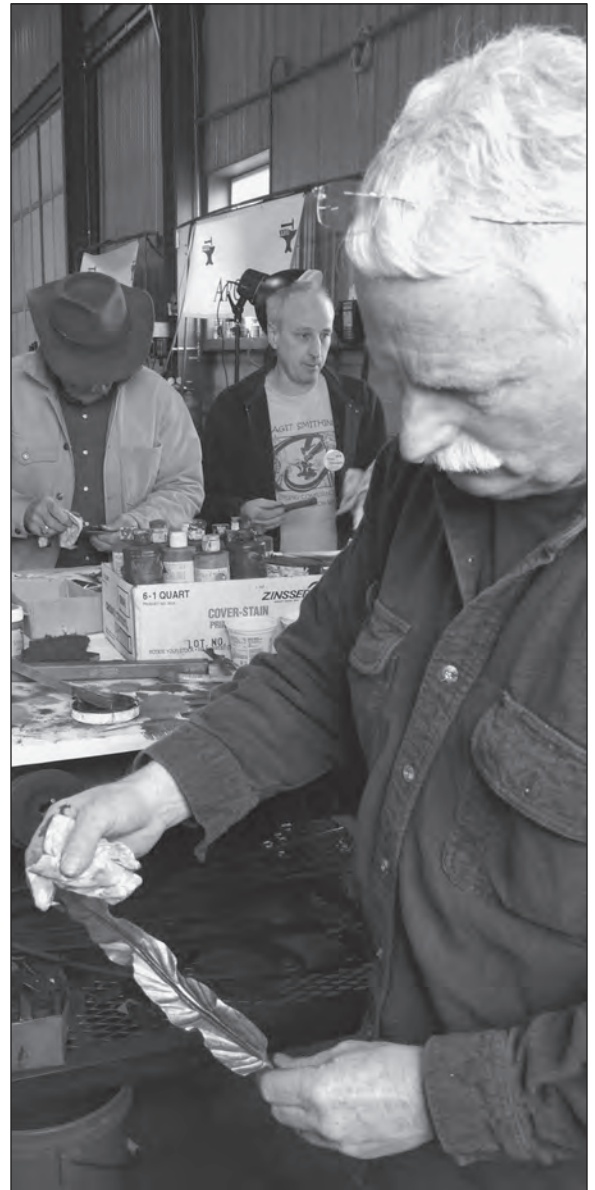
**A Gloyne tool used for putting gentle bends in long stock.**





## John Emmerling's hands-on faux finishes class

John Emmerling conducted a hands-on class in additive faux finishes. Below he is seen making a point to the crowd surrounding his table and to the right buffing a piece of treated metal.



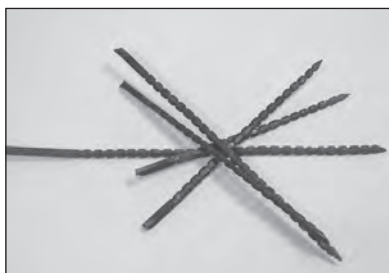
Lena Barada, from Lacey, WA, brings out the detail in a leaf by adding German Silver finish.

# Making a cornstalk with featured demonstrator Marcus Engler

Marcus Engler called himself a “tool minimalist” as he showed how to make leads on an edge, hamering lightly on diamond squares, his description of the process he uses to make corn and corn tassels as seen below. He figures he gets about four rows of kernels per heat.

Engler, a Featured Demonstrator at Sisters, stressed that smiths do a service to both themselves and their clients by educating customers through all phases of a project.

He uses the big anvil to shape the heavy base of the cornstalk he spent the weekend assembling.





Andrea Lisch offers direction during her hands-on class in forging texture and detail into precut leaf shapes.

## A hands-on class with Andrea Lisch texturing leaves

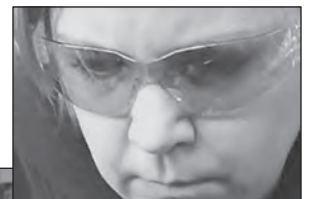


Jackie Ferry and Lynn Moore show the products of their morning's efforts.



Class supplies included stacks of precut leaf forms, cut by Brent Christiansen at his shop in Gresham

Jackie Ferry veins the center of a maple leaf. Andrea explained that the trick was to make all the veins emanate from the center.



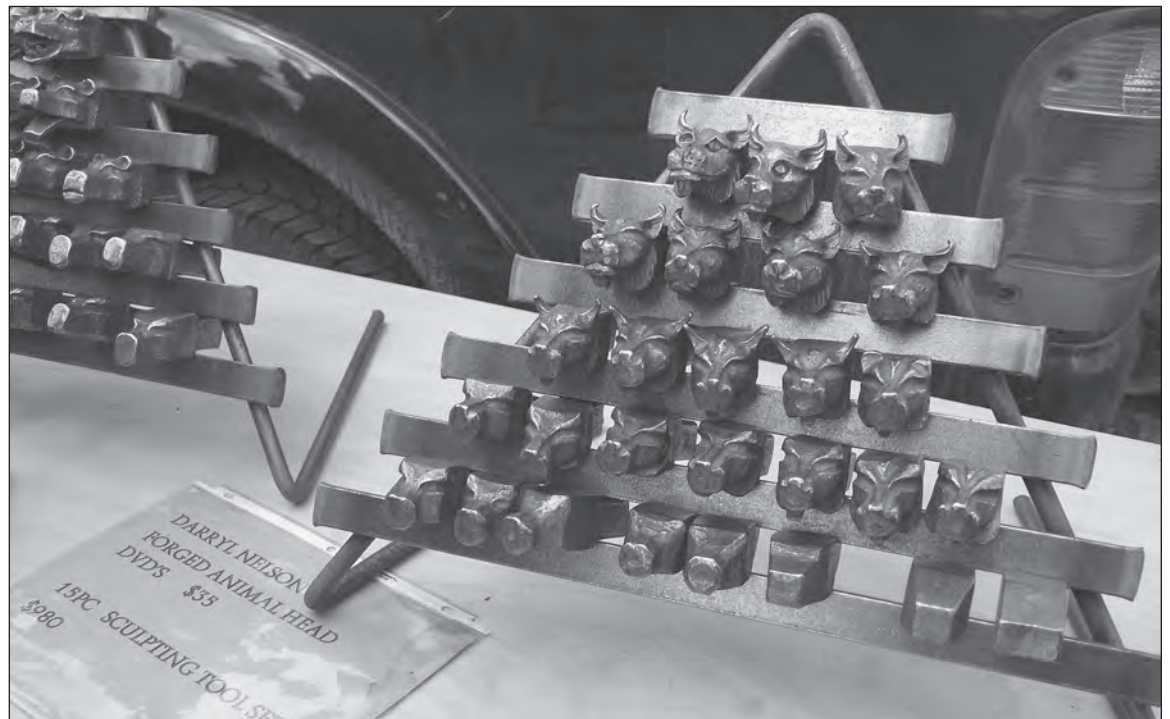


**Bunch of grapes growing on a Gloyne grapevine.**



**A certain level of civility enjoyed by gentlemen attending the event, Tim Middaugh, Louie Raffloer and Jerry Culberson. Mr. Culberson hosted and shared his secret to the perfect martini, exactly 34 shakes.**

**Animal heads are readily identified as the work of Darryl Nelson, a recognized master of this particularly difficult and demanding art form. Darryl has created some DVDs which demonstrate his techniques and which were popular buys during the conference.**





## Making hooks with Andy Blakney



**Making something you can sell. Hands-on instructor Andy Blakney starts his class in making hooks while students Pam Nickolisen, Bruce Weakly and Kristy Schafer listen and learn.**



**Bruce Weakly making a center groove. Roll the chisel back as you pound.**





**John Barada named his invisible dog, “Nip.”**

## **Lisa Geertsen led a hands-on class in forging the invisible dog**



**Lisa Geertsen rounding part of the collar which will hold an invisible dog.**

**John Vawter puts a roll into the collar he made.**

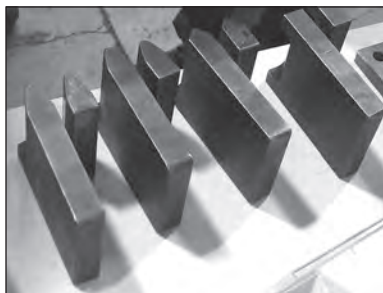


**There are two dogs in this picture. One is Rose, the other is invisible as per the work of Lisa Geertsen and her hands-on class demonstrating the making of an invisible dog. Andy Blakney holds both leashes.**





**Khristy Schafer was working at an anvil most of Friday and Saturday. She takes a metal course from Bert Romans at Clackamas Community College, came to the conference and got into as many hands-on classes as she could.**



**Buying and selling at the conference. Lisa Geertsen ponders, Grant Sarver offers. A deal was reached for a set of fulling dies.**

**Shield hoods became part of Gary Gloyne's forge two years ago. He recommends them highly as he and his staff have had no eye incidents since.**

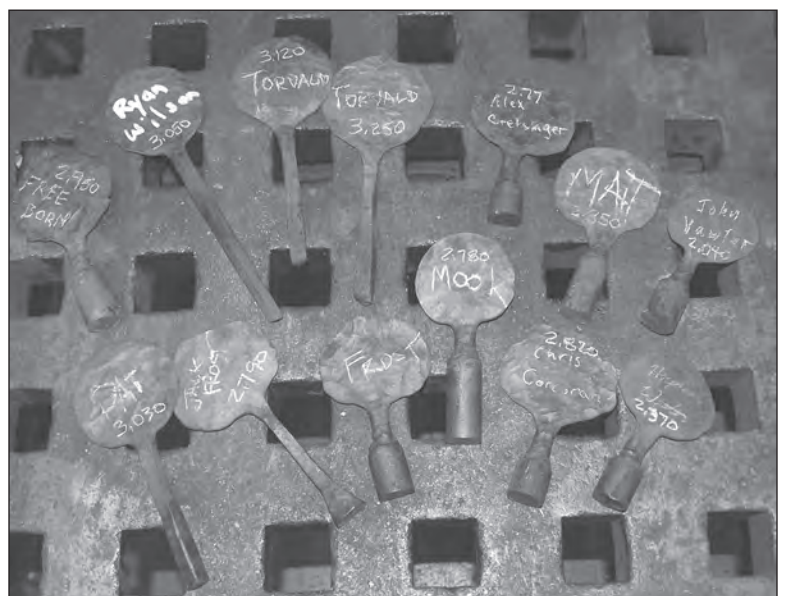




# Spoon Blank Contest



**Eleven entered the spoon blank contest. Muscle versus skill and skill won as Torvald Sorenson, left, won a one-year NWBA membership by working his ball of steel to 3.250 inches. T-shirts went to the second and third place winners, Ryan Wilson at 3.050 and, at 3.030 , Pat Maher.**



**Peyote Kisses**



**Alan Flashing**

## *Spring Conference Gallery*



**Two Elements  
Forged From  
Old Carriage  
Axle**

**Matt Sabo**



**Bar Railing Bracket**



**Patrick Maher**



Island of Nightmares

John Emmerling





**Drum**



**Alan Flashing**



**Tide Pool Lights**

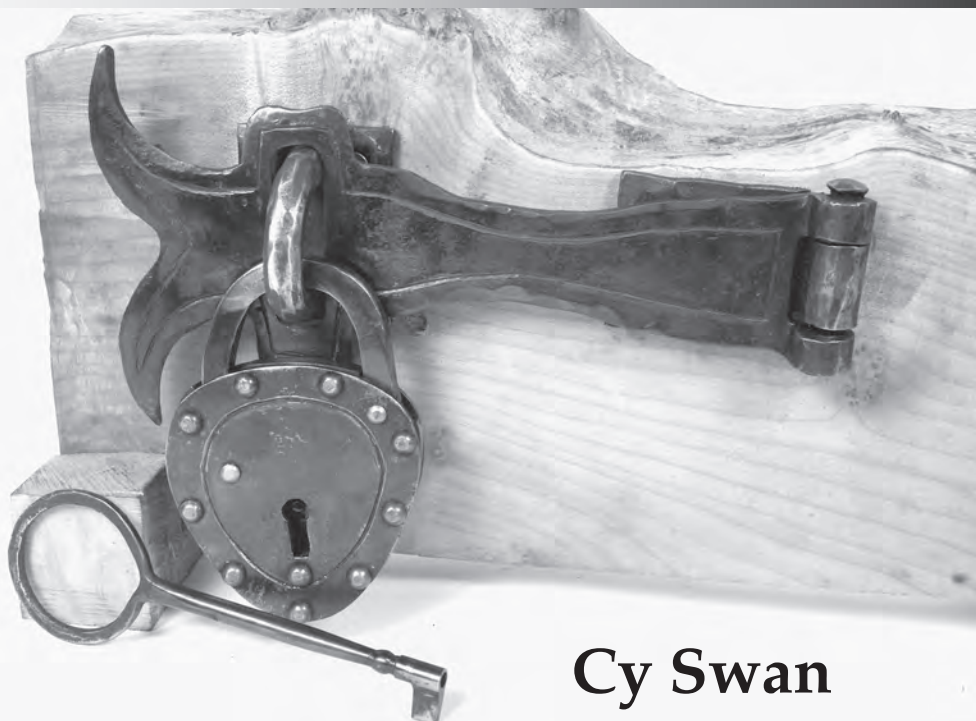
**Gary Eagle**



**Mark  
Manley**



**Lock & Hasp**



**Cy Swan**

**Fireplace Set for the  
Lewis Residence**

**Mike Neely**



**Mark Manley**

**Sparticus, 5100 Blade, Brass  
Guard, Oak Handle, Mosaic Pins**



**Ali-Baba, 5160 Blade,  
Cast Bronze Guard, Rose-  
wood Handle, Brass Pins**

**Bert Romans**

**Door Knocker**



**Jeff Botts**



**Cherry Blossoms, Leaf  
and Stem One Piece  
Ratiron Buggy Tire  
Base**

**Dick Fedder**

**Look Mom, A  
Hand Stand,  
Copper**

**Sea Turtle**



**Jack Frost**



RH Japanese Style — 1095 L6  
LH Japanese Style — 1095 L6  
Cable — 1095 L6



**John Emmerling**



**Vase**



**Kris R Ketchum**

**Eucaliptus  
Sculpture,  
Copper**

**Dick Fedder**



**Raven**

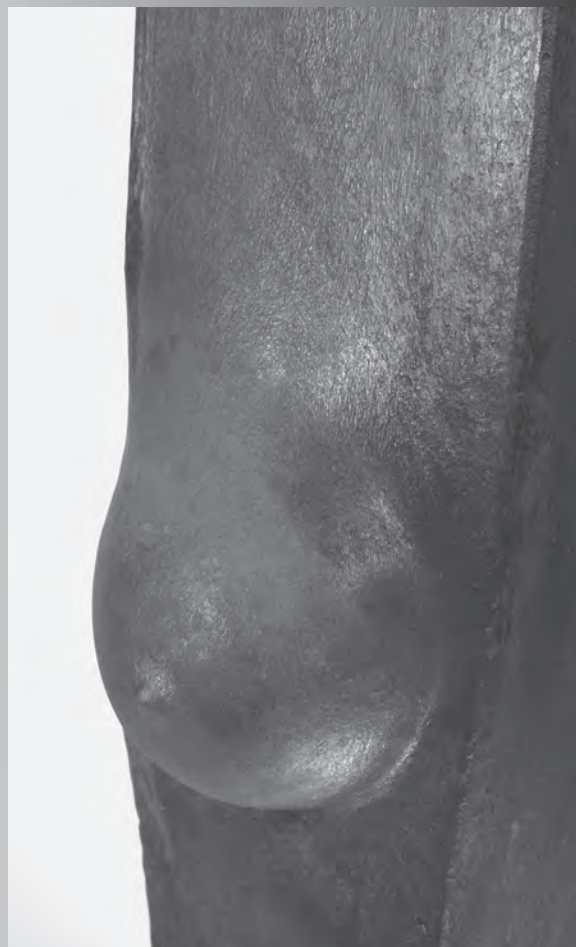
**Andy Blakney**



**Jack's Knockers**



**Jack Frost**



## Hammers



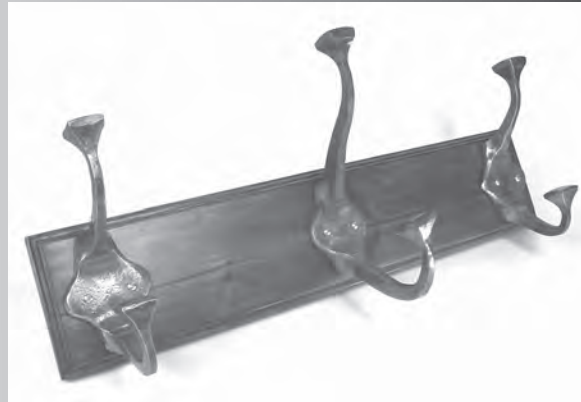
**Alan Flashing**

## Heavier Than Air



**Terry Carson**

**Coat Rack**



**Roger Freeborn**

**Motorcycle Man**



**Jerry Nielsen**

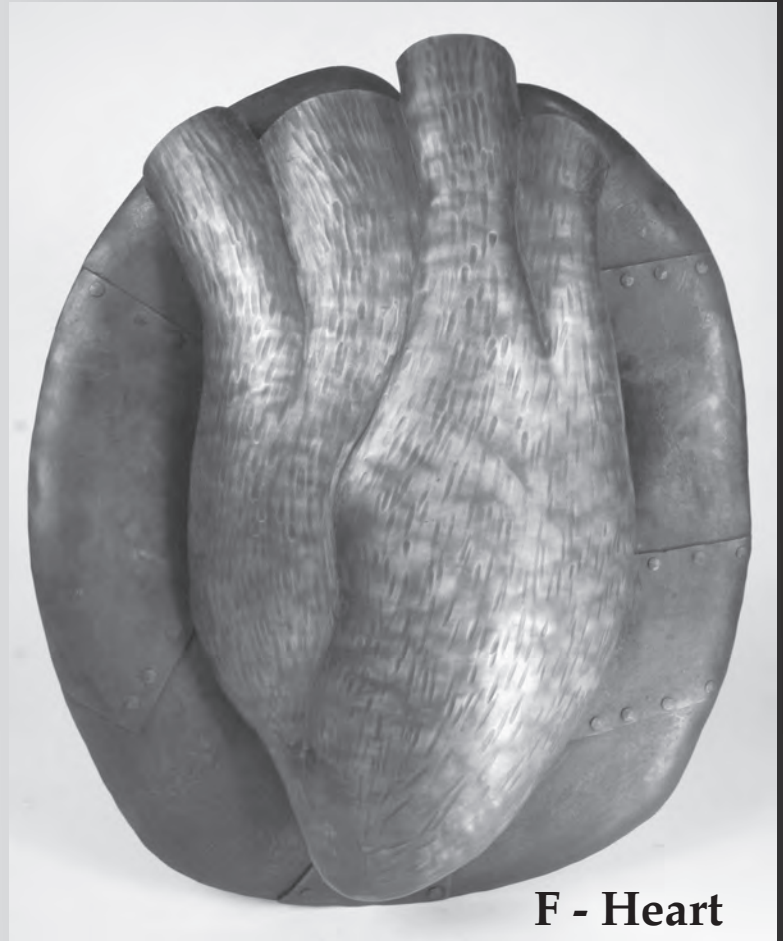
**Art Deco Grill**  
**Gary Eagle class**



**Bill Apple**

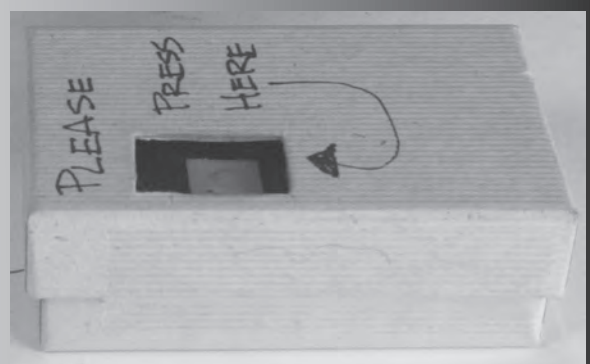


**Emmas Lutheran Church  
Candle Stick Prototype**



**F - Heart**

**Lisa Geertsen**



**David Thompson**

**Coffee  
Table**

**Alan  
Graham**

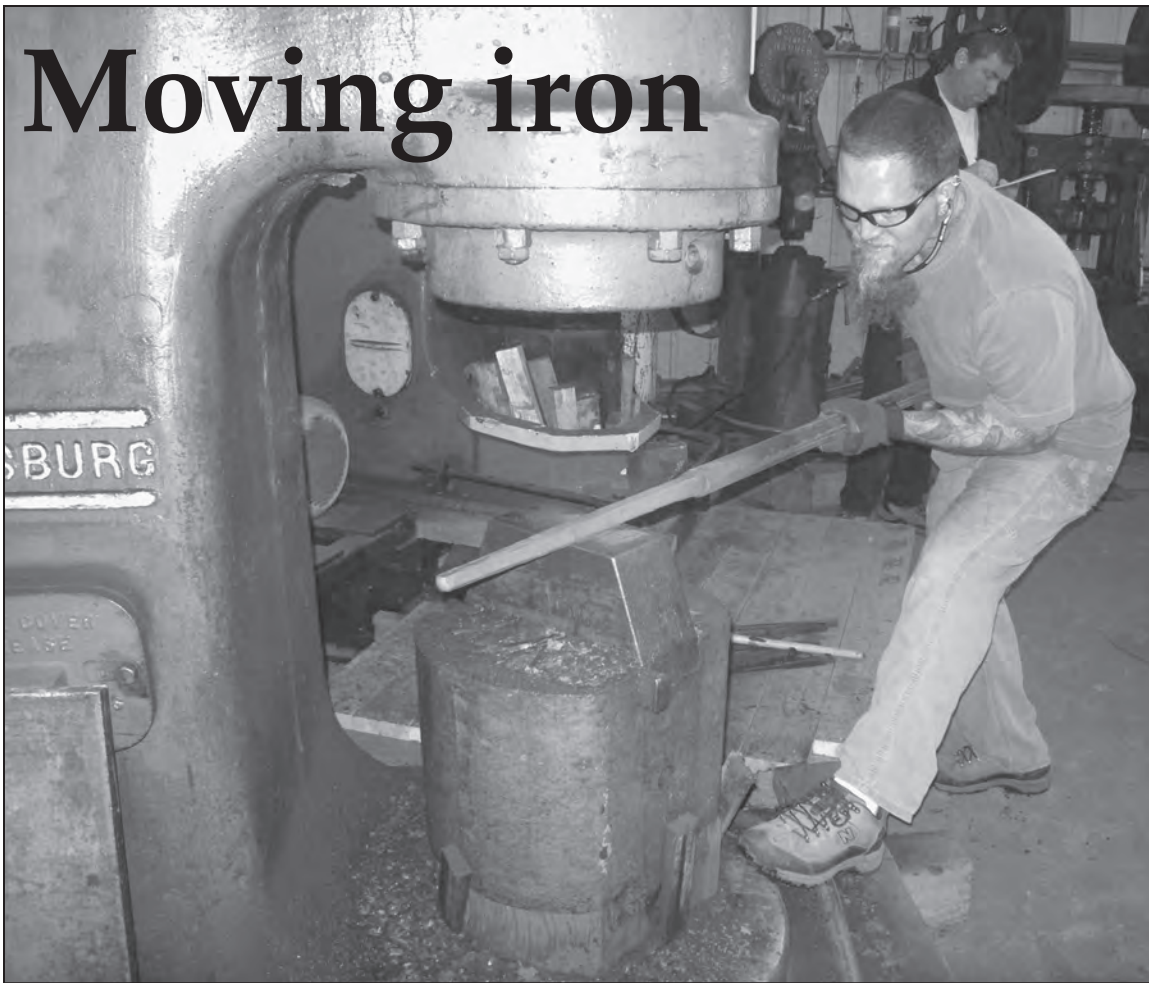


**Steel Bench with  
Purple heartwood**

**Dean Mook**



# Moving iron



Starting with 1-5/8" round 4130 alloy bar, author Larry Langdon breaks down a reverse taper for a handle.

## Learning efficient time management moving iron with a power hammer

by Larry Landon

Hello NWBA! This is my first go around writing a *Hot Iron News* article, so cut me a bit of slack. Here is how things went from my perspective.

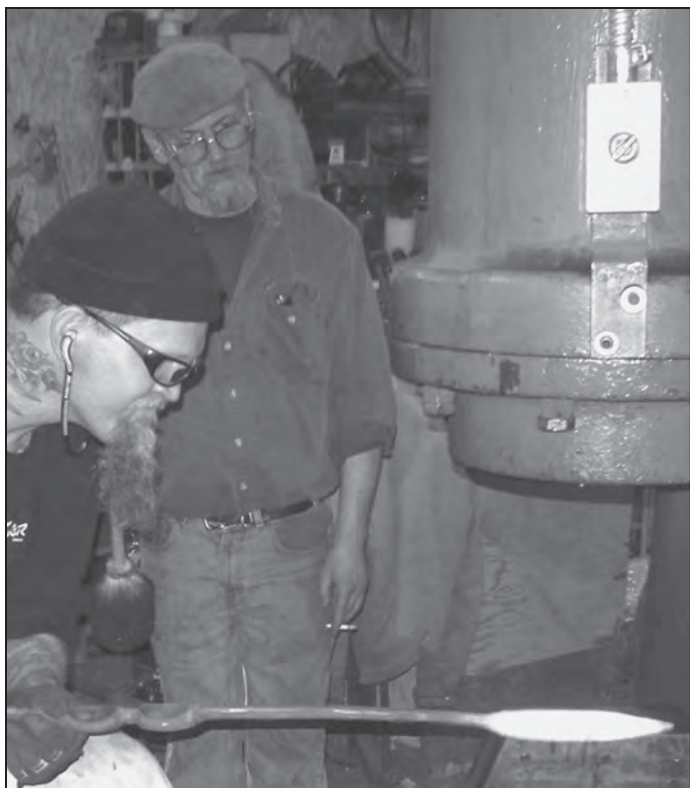
I saw Terry's offering for a powerhammer workshop in the back of the HIN and thought it would be really fun to learn a bit about Terry's methods. I have been really taken with his bird sculpture and the fluid motion he achieves in large scale work. So I sent Louise (his wife) an email and got a call from Terry a day or two

later that went a little like this. "So you want to take a hammer class huh?" Yep "When you want to come out?" Whenever... "Ok... Bring an appetite, we'll feed you good and you can work both days as long as you like" So I called up Nick Rhinehart (whom I had asked prior to contacting Terry if he had interest in coming along) and set up some dates and as they say.. The rest is history!

Day one started with a safety talk. Going over the inherent dangers of a 300lb ham-

mer and 2000 degree iron. And then an overview of projects we would be working on over the next two days. We started with a simple leaf hook out of 1/4 X 1 flat bar. A long taper with a hook on one end and a simple leaf with a raised vein. A pretty straight forward exercise but allowed us to get the feel for Terry's shop and equipment.

The next project was a long campfire poker from 1" bar. I don't remember the original length but something around 20" that we drew out to around



**Instructor Terry Carson oversees Landon's progress on the 300 lb Chambersburg. Carson's hammer workshops have gained popularity as students learn that, "...simple but very effective tooling made most of the work effortless." They also learn that Louise's great home cooking rivals Terry's learned teaching.**

50" with a split "poker" end and a tail loop on the diamond. We used Terry's big fly press to isolate the material for the loop handle (which was a little intimidating ) and then drew the shafts out on the 300lb Chambersburg.

This exercise really made clear the big hammer's ability to move metal.

From there we moved on to a bigger leaf hook made from a chunk of 1 ¼ round. This made for a real nice large leaf that was fullered and veined under the powerhammer. We used a big "Bob" punch to form the mounting divots and a spring fuller to isolate the mass for each element.

I should stop at this point to reflect a bit on what we were learning and how it related to real world work in my shop. One of the things I hoped to learn is more efficient use of my

time under the hammer. Terry's simple but very effective tooling made most of this work effortless. His handled fullers are a wonderful thing and make much more sense under a power hammer than a conventional handled fuller (you know what I mean). The systematic approach to completing the element while never having to work the same metal twice is a simple concept, but hard for a novice smith to work out without some instruction.

Ok... back to class..

That was pretty much it for day one. I should say at some point we stopped for

lunch and Terry made good on his promise to feed us well. We had baked beans and scratch made corn bread that was to die for. The only thing I could say was wrong with lunch is it didn't come with a nap!

Day two started with several inches of fresh snow on the ground. Really beautiful in Terry's neck of the woods. When we arrived Terry had just completed a sample of a handled fuller which was to be our first exercise. Starting with 1- 5/8" round 4130 alloy bar we broke down a reverse taper for a handle leaving the full diameter to make the working end. After allowing it to cool it was band-sawed off and back in the forge to make the working end. We elongated one edge to make the fuller, rounded it in a swage block and then used a "V" block and top tool on the

continued on page 46



**Nick Rhinehart forging a tri-leg stand from a chunk of three inch round bar.**

## Hammer class

hammer to set the bend. I have since made a dozen or more of these tools and can see I need about 25 more to make a "basic"

set! The info on this tool alone was worth the cost of the workshop!

After breaking down some of the 1 & 5/8 under the power hammer we moved on to our last two projects, forging a hand hammer out of 4340 and making a tri leg stand starting with a 4" chunk of 3" round bar!

I can tell you Nick and I made good use of Terry's shop. We both went home with piles of stuff and

enough information to keep us busy working through what we learned for months to come!



Some winter wonderland at TLC Forge. Rhinehart and Carson working some round stock.

## Nelson to conduct smithing classes at Arts Cabin Project, Mt Hood

Blacksmith Week begins the late summer, fall schedule at the Arts Cabins Project, Mt Hood, Oregon. Darryl Nelson, resident smith for Timberline Lodge on Mt Hood, will conduct a series of classes.

The dates are Aug. 17-23 (Blacksmith Week), Sept. 19 & 20, Nov. 27-29 (Christmas Sale) and Dec. 19 & 20.

To reserve a space in any of these classes call 509-272-3301 or contact the Mt Hood Cultural Center & Museum at [www.artscabin.org](http://www.artscabin.org). Other craft lessons are also available through the Arts Cabin Project.

Mini  
Knife  
Show

Low cost  
Burgers  
&  
Dogs

Vendors  
Set up at  
9 a.m.

Open at  
10 a.m.

For more info  
- visit [www.davidlisch.com](http://www.davidlisch.com)

## Blacksmith Swap Meet

*Times are hard and money  
is tight, but you could be  
eating lobster tonight  
so  
round up your old tools  
throw 'em in your truck  
and  
set them out under the  
viaduct to make a quick  
buck*

Saturday  
July 25  
2009

10 a.m.  
to 3 p.m.

**3600 E Marginal Way South**  
SW Corner of the Big Building on Spokane St  
& E Marginal Way South  
Under the Alaskan Way Viaduct

Vendor fee is free, as an economic stimulus,  
except for Grant it is \$50.00



*Spring Conference 2009  
Auction Gallery*

**Apple**

**Pat Maher**



**Double leaf paper  
towel holder**

**D J Stull**



# *Spring Conference 2009* *Auction Gallery*

**Copper vase**

**Jim Hatmaker**



**Fire poker and hook**

**Bill Apple**



**Set of 3 wall hooks**

**George Blackman**



**S**pring Conference 2009  
Auction Gallery

**Frog**

**Jack Frost**



**Tongs made from digger chain**

**Mark Manley**





*Spring Conference 2009  
Auction Gallery*

**Door knocker**

**Jeff Botts**



**Long shoe horn**

**Chas Low**



**S**pring Conference  
Auction Gallery



**Marcus Engler**



**Spring blooms**

**Ron Wailes**



**S**pring Conference 2009  
Auction Gallery

**Garden Frog**

**Harold Heia**



**Japanese sushi knife**

**Anon Kartmazov**



**S**pring Conference 2009  
Auction Gallery

**Hooks**

**Jeff Holtby**



**Rose**

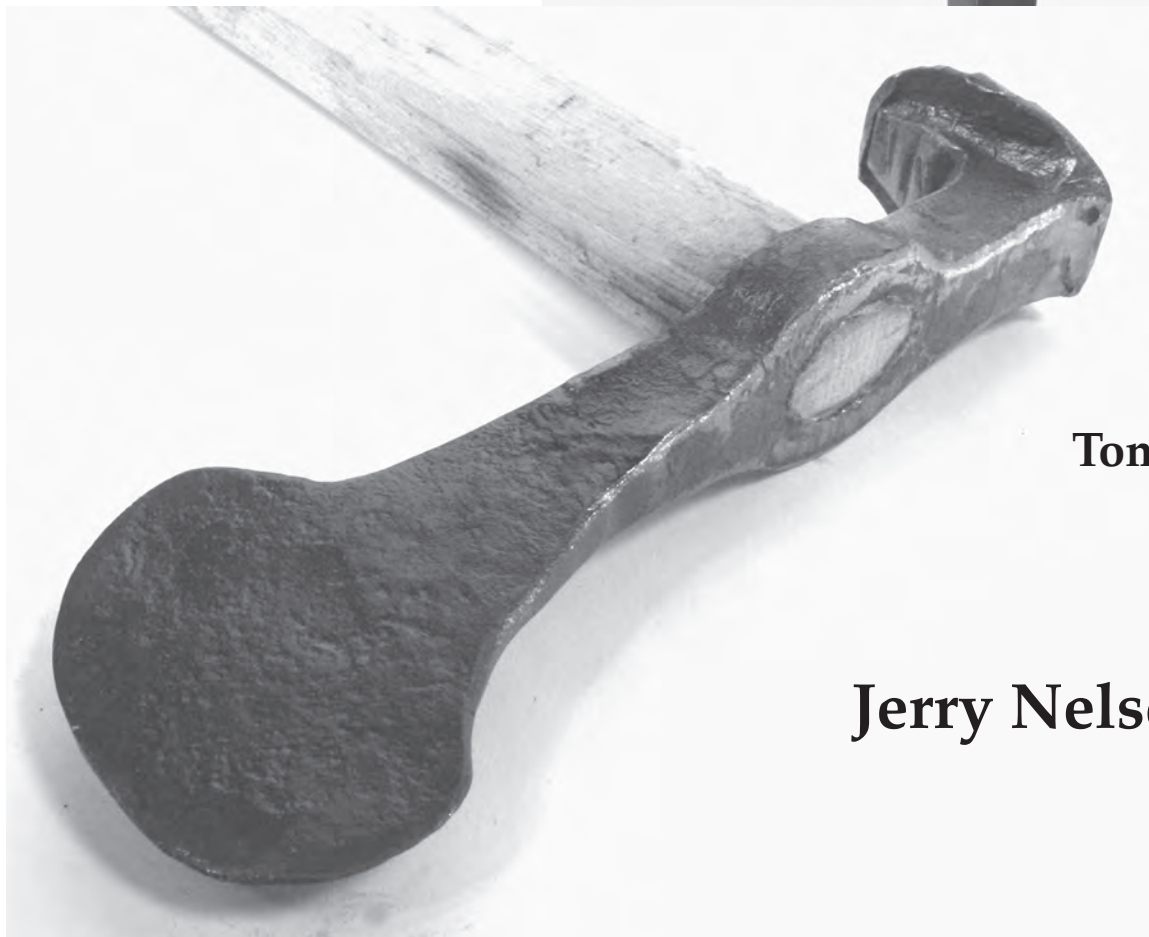
**Cy Swan**



**S**pring Conference 2009  
Auction Gallery

**"The Old Rugged Cross"  
Started at Culbertson's  
Christmas party  
with Bill Apple**

**Dave Lisch**



**Tomahawk**

**Jerry Nelsen**



**S**pring Conference 2009  
Auction Gallery

**Fishin' sculpture**

**Jesse Brewer**



**Horse**

**Roger Freeborn**



**1095 L6 Chainsaw knife**

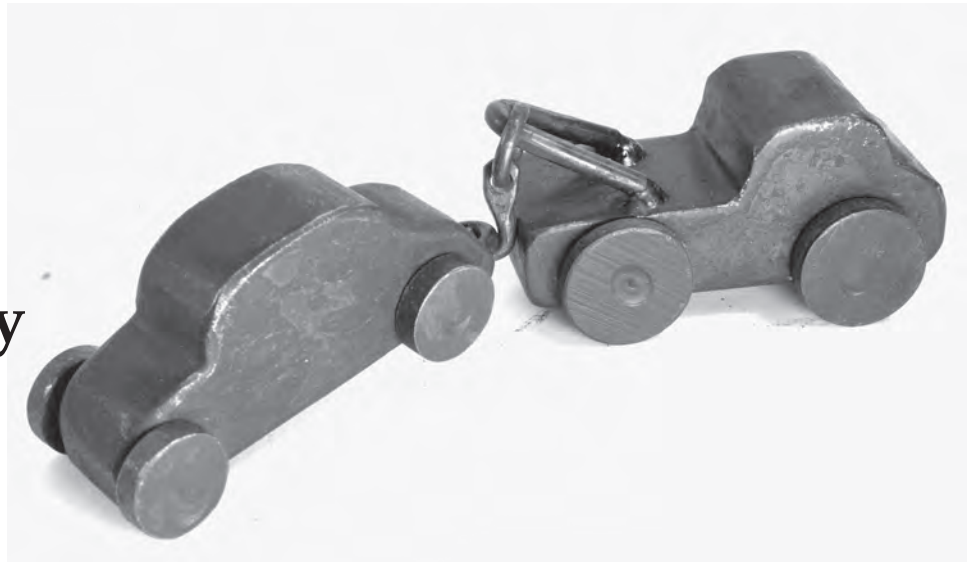
**John Emerling**



**S**pring Conference 2009  
Auction Gallery

**Car**

**Andy Blakney**



**Knife,  
leather  
sheath, with  
certificate**

**Dave Davelaar**



**S**pring Conference 2009  
Auction Gallery

**Wine holder with wine**

**Andrea Lisch**



**Scottish Tirling Pin**

**Bob Race**



*Spring Conference 2009  
Auction Gallery*



**Granit Topped Table**

**Bob Watts**



**4-B Candlestick**

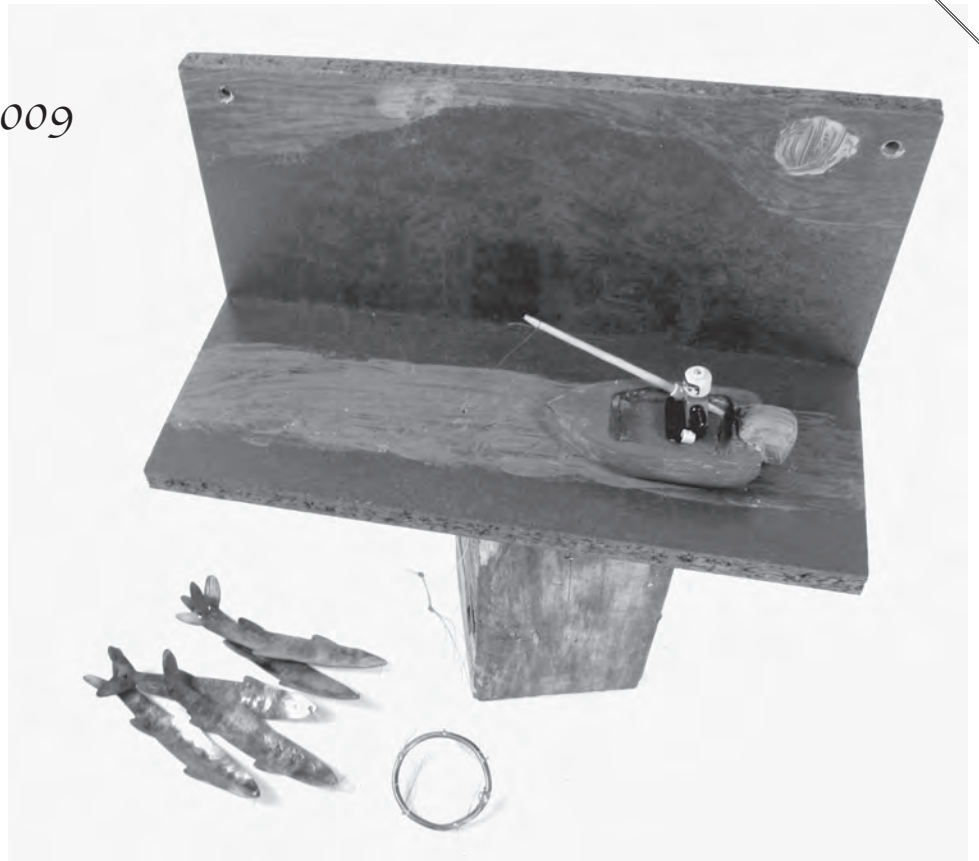
**David Thompson**



# **S**pring Conference 2009 Auction Gallery

**Fishing chimes  
wooden boat  
scene - with fish  
chimes.**

**(Dad showed  
him how to make  
the 1st fish and  
he did the rest)**



**William Brewes  
aged 9**

**Mirror and frame**



**Mike Neely**



## Spring Conference Auction Gallery

### Get ready for special auction this October

Make the auction as special as every other 30th Anniversary event at this fall's conference.

Donate something you've made or something you know your fellow smiths would enjoy owning. Or anything you know their bad habits would lead them to slavishly overbid. It's all for a good cause, the educational efforts of the NWBA and keeping this wonderful art alive and flourishing in the Northwest.

Each and every item donated to the auction is highly appreciated.

Auction items that receive a bid of \$250 or more automatically earns a one-year paid membership to the NWBA for the person who made or donated it. At this spring's conference four items went for that amount or more. They were made or donated by Arnon Kartmazov (Japanese Sushi Knife), Grant Sarver (hot dog money jar), Andrea Lisch (wine bottle holder with wine), and Bob Watts (granite top table).

## Thanks to all who donated these items to the Spring Conference Auction

Craftsman Engine Decals	Jim Lovelace
Anvil Amber beer, mug, hat and t-shirt	Jeff Wester
"A Lost Tradition" painting original signed by Stefanie LeFerte	Mike Mossman
Invisible Dog	Lisa Geertsen
Donation Jar for hot dogs all weekend (contained \$152.66, went for \$260 bid).	Grant and Hwa Sarver
2 bottles 2007, 2008 homemade apple cider	Terry Carson
Antique Corkscrew, Opener and Knife, 2006 Plunferhead Lodi Zinfandel, 2007 Fruit Bomb Washington Red, 2006 Boom Boom Washington Syrah, and a Collection of Words (small book)	Mary Princess
Salt and Pepper shakers	Bonnie & Larry Langdon
H-13 Slug	Bert Romans
3 hot punches	Jorgen Harle
Walldeaux Smithie Wine	William Mossman
Framed poster Timberline Lodge 2005, Mountain High XV, Metal 2	Jeff Sawyer
Dinner Triangle	Gary Gloyne
Digger Chain	Dennis Prince
Box full of Axles	Don Johnson
25 Piece Grinding Wheels	Kris Ketchum
500 Metal Vessels , book	Jerry & Ina Culberson
Chain Links	Berkley's Chain Gang
Jig	Gene Chapman
Framed picture "Inside the Gun Shop"	Dennis Prince
Scottish Tirling Pin	Bob Race
Real Wrought Iron	Dean Moxley

# A nnouncements

## Sign up early for Meridian Forge classes in '09, '10

Meridian Forge is located in southeast rural Pierce County, 23 miles south of Puyallup on Hwy 161 (Meridian Ave.), 5 miles north of Eatonville.

The facility offers on-site camping, with hotel and restaurants in nearby Eatonville.

Meridian Forge was designed to maximize the student's time spent on the project at hand. Small classes (limited to 8), individual workstations, and all specialty tools provided. We offer a variety of subject matter, including animal heads, garden gates, coffee tables and door hardware.

Custom classes are also available on request. With a minimum of 6 students you may design a class covering your particular interests.

Standard class Fee: \$350

Garden Gate Class Fee: \$475

All classes have a \$100 non-refundable deposit.

Upcoming classes for 2009-2010

### Lighting

Joe Elliott Sept. 11-13, 2009

Project: Floor Lamp

### Making and Throwing Tomahawks

Darryl Nelson Sept. 26, 2009

One Day, limited to 5 students, \$125

### Forge Welding

Darryl Nelson Oct. 3, 2009

One Day, limited to 5 students, \$125

### Animal Heads

Darryl Nelson Oct. 9-11, 2009

### Western States Blacksmithing Curriculum Basics

Mark Aspery

Oct. 30 - Nov. 1 2009

### Tools for the Blacksmith

Shel Browder, Master smith from Colonial Williamsburg (detailed information below)

Nov. 6-8, 2009

Project: Hacksaw Frame, Brace & Bits

Limited to 9 students

### Art Deco Grill

Gary Eagle March 19-21, 2010

### Garden Gate

Darryl Nelson May 14-16, 2010

\$475 - limited to 5 students

## 18th Century style, methods as practiced at Colonial Williamsburg

"Tools – Hacksaw and more"

Dates: November 6-7-8 2009, (Fri-Sat-Sunday)

Subject: Tools for the blacksmith shop but a different approach than the normal tongs, punches, chisels, etc. Students will make a hacksaw and brace with metal working bits, all in the 18th century style and methods as practiced at Colonial Williamsburg.

Location: Meridian Forge, a fully equipped teaching facility north of Eatonville, WA, camping available on site, motel accommodations and restaurants in Eatonville. Coffee rolls and fruit supplied in the morning, beyond that students are on

their own for meals.

Instructor: Shel Browder is the last journeyman blacksmith at Colonial Williamsburg to have all his training and qualification under Peter Ross. He has been traveling to the NW for several years doing demonstrations at Fort Vancouver Historical Site. He is an exceptional smith and a gifted instructor. Shel will also be teaching at Fort Vancouver Oct 29-30-31 2009 (Thurs, Fri, Sat)

Cost: \$350, \$100 up front



to register, down payment not refundable for cancellations in which a replacement student can not be found. Class limited to 9 students. If the class is full, ask to be put on the waiting list as opportunities may arise. Send your checks to Meridian Forge.

Pre-Workshop Assignments: To maximize the 3 days; pre-class assignments are made relative to tooling needed for the class. They tend to be simple

# A nnouncements

## Colonial Williamsburg...

items like tongs, punches and drifts. Detailed descriptions of these items are sent out several months before the workshop

For more details contact Darryl Nelson @ Meridian Forge (see above) or Ike Bay, 16353 NW Brandberry Dr, Portland, OR 97229, 503-645-2790, dasbayhaus@comcast.net

## Fall classes at Old West Forge

We are located 70 miles East of Portland in the beautiful Columbia River Gorge region. The curriculum is a series of demonstrations at the instructor's anvil, followed by immediate hands on work.

All tools, materials, and well equipped work stations are provided.

### Beginning Blacksmithing

In this intensive 4 day workshop we will study heat treating, punching, drifting, tapering, drawing out, riveting, scrolls and more. Students will forge a variety of forms using traditional techniques.

This class is designed for beginners and those with some forging experience who are seeking a solid foundation in this craft.

Date: Oct. 9, 10, 11, 12

Tuition: \$425

### Blacksmithing Basics and Beyond

In day one of this intensive 4 day class we forge the tools and tongs needed to forge the project.

The focus of this class is on traditional joinery used in garden gate components. The components of this project in-

clude mortise and tenon joints, heel bars, hot collars, scrolls, and adornments.

Date: Sept. 25, 26, 27, 28

Tuition: \$445

### Intermediate Blacksmithing

In this 4 day intensive class, we will forge the tools and tongs needed to build the project. The project is a very nice free standing adjustable reading lamp approximately 60" tall.

A good command of basic forging skills are needed in order to take full advantage of this class.

Date: Nov. 13, 14, 15, 16

Tuition: \$465

All classes at Old West Forge, White Salmon, WA

To secure your space in any of the above classes, send a \$200 non refundable deposit to Old West Forge, PO BOX 2105, White Salmon, WA 98672. Space is limited. Register early.

For additional details contact Tim Middaugh at (509) 493-4418 or tim@oldwestforge.com

## NOW AVAILABLE

### DARRYL NELSON'S FORGED ANIMAL HEAD DVDS

#### THE BEAR and THE LYNX



**Unit Price \$35.00 ea plus \$2.50 shipping**

WA Residents add applicable sales tax for your area

Contact Darryl Nelson at 360-832-6280 or firemtforge@hotmail.com

Meridian Forge 37010 Meridian E, Eatonville, WA, 98328

## Board meeting

The summer board meeting will be Saturday, July 11, at 10 a.m., at McMenamin's Olympic Club in Centralia, Wa.

Please plan to arrive no later than 9:30, which allows time to "catch up" as the meeting will begin promptly at ten.

## From the editor

Some really informative articles were submitted for this edition of the HIN. Great reading too.

Thanks to Larry Langdon, who relates his enjoyment of taking a big hammer class, page 44; Dugal Easton, who wrote about his experience with the Western States Blacksmith Curriculum, page 12; and Bob Race for explaining how to make a tirling pin on page 14.

People always start out by down-playing their writing ability, then prove what we all know, if you're writing about something you love to do you'll inevitably put together an easy to read, well constructed story.

Looking forward to the next edition of the HIN. The publications committee has moved to enlarge it by thirty or so pages

in observation of the coming 30th Anniversary of the NWBA. We have a few old pictures, but could still use more. Send to me or Ina or Lauren. Stories of things you remember about the association or things you hope for the future are also welcome. Our theme is the NWBA, Past, Present and Future.

Want to add my thanks to the Westers for hosting the Spring Conference at their operation, Ponderosa Forge, in Sisters. The shop was just the right size with all the amenities you could hope for. A part of the conference I'll remember fondly was the getting there. After you leave I-5 at Salem and begin to climb into the mountains there is a raging spring river roaring and pounding its frothy way to the sea. It flows beside the highway most of the way to Sisters. Don't know how I avoided

running off the road as I made notes of the occasional pools, eddies where giant wild trout winked at me.

Be sure to be thinking about board elections as conference dates won't allow us to use the HIN to publish nominations in a timely fashion. Nominations for five board seats are open now. Send yours to Secretary Dave Davelaar.

The 30th Anniversary Conference is promising to be a once in a lifetime event. Be sure to make it part of your fall plans.

Jim

Jim Almy  
1531 N. Prospect St.  
Tacoma, WA 98406  
253-310-6364  
jma66mn@thewiredcity.net

## Classifieds

### Anvils, other shop stuff

Leg vises, anvils, 50 pound Little Giant, lots of other stuff. Call Bill Apple, 360-876-8405 3

### Shop, house for sale

Blacksmith/machine shop with ranch style home on quiet, wooded 1 acre outside of Oregon City, OR. Machine/wood-working shop, 639 s.f. with attached blacksmith shop, 580 s.f. built in 2005. House built in 1969, 2300 s.f., 4 br, 3 bath, includes master suite, family room, formal dining area. New roof, professionally landscaped

front and back, security gate, firewood. \$389,000.

krichards@bctonline.com

503-632-6028 2

### Beaudry Hammer

"Hammer, Beaudry 125- 150 lb. hammer with running gear, excellent condition \$5000.00 Swage block 250 lbs. more or less. \$ 400.00

Steel - several hundred pounds at 75% the current price per lb.

Various jigs and fixtures, make offer per unit.

Contact Thad Adams at 503-266-1469 or thadinpendleton@yahoo.com" 2

## Hot Iron News

Classifieds are free to NWBA members. All others \$10 pre-paid. Classified ads are pulled after two editions unless otherwise notified.

Articles are invited — email (ideally by copying your text and photos onto the email), jpeg your art, or land mail original article and artwork. Always looking for story leads.

DEADLINES

2009

Aug. 5, Nov. 1

(Sooner is always better than later)

**Hot Iron News**  
A publication of the  
**Northwest Blacksmith Association**  
8002 N.E. Highway 99, #405  
Vancouver, WA 98665

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