

# Hot Iron News

THE VOICE OF THE NORTHWEST BLACKSMITH ASSOCIATION



First Quarter 2017





# Northwest Blacksmith Association

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

## Board of Directors



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## NWBA Committees

Finance & Budget Committee: Jim von Mosch (Chair), Darryl Nelson  
- Assets & Inventories Subcommittee: Hunter Dahlberg (Chair) Entire Board

- Auctions Subcommittee: Peggy Gudge (Chair)

- Audit Subcommittee: Entire Board

- Donations 501(c)3 Subcommittee: Jeff Cawley (Chair)

- Insurance Subcommittee: Peggy Gudge (Chair)

Member Services Committee: Jeff Cawley (Chair)

- Archives Subcommittee: Jack Slack (Chair), Andrea Lisch, Jeff Wilson, Darryl Nelson

- Grants, Education & Workshops Subcommittee: Steve McGrew (Chair)

- Library Subcommittee: Ben Tosto

- Board Training Subcommittee: James von Mosch

Communications Committee: Jeff Cawley (Chair), Amy Mook

- Hot Iron News & Website Editor: Amy Mook

- Manuals Subcommittee: Lee Cordochorea (Chair)

Events & Programs Committee: Peggy Gudge (Chair), Rashelle Hams, Darryl Nelson

- Audio Visual Subcommittee: Mark Manley

- Spring Conference Subcommittee: Peggy Gudge (Chair), Lee Cordochorea

- Safety Subcommittee: Lynn Gledhill (Chair)

- Mentoring Center Subcommittee: Peggy Gudge (Chair),

Nominations & Elections Committee: Jim Garrett (Chair), Kellen Bateham, James von Mosch

## Quick Reference for NWBA Members

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

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

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

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

Northwest Blacksmith Association  
4742 42nd Ave SW #185  
Seattle WA 98116

Annual dues 2015: \$60 (foreign, \$70)

Dues include quarterly subscription to Hot Iron News.

Dues may also be paid online at

<http://blacksmith.org/membership-payment-gateway/>

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

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

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

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## ON THE COVER



Knife display stand: Female Goddess holding Dagger, made for the Jerry Fisk Micro Invitational Show in 2015, Image by Ian Bates

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### ALL NEW EVENT SAVE THE DATE!

#### Swap Meet - Demonstrations - Hammer In... 'a mini conference'

**Friday October 20th - Sunday Oct 22nd**  
**at NWBA Mentoring Center, Longview, WA**

Plans in the works: In addition to a full blown Blacksmith Swap Meet, we are planning a demo on Friday afternoon followed by open forge, two demos on Saturday with open forge following, and an open forge on Sunday morning.

Plans are not set in stone, details are being hammered out.

Look for details online on our event listings on page 10  
[www.blacksmith.org/events/](http://www.blacksmith.org/events/)

*Next*

#### ***NWBA Board Meeting***

*Get in on the  
behind the scenes action*

***April 22, 2017***

***right after the monthly demonstration  
at the Mentoring Center***

**Longview Public Library, Longview, WA**

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## A Word From What's-His-Name

Hello, Everyone!

Each year elections bring changes to the Board of Directors. Sometimes the changes are big and sometimes small. This year we needed 4 Directors but had only three names on the ballot. John Paul has agreed to accept appointment to the vacant seat. We need no less than five nominations for next 2017. Do expect to hear from our Elections Committee as we earnestly seek out candidates!



As always, PLEASE DO let your Board of Directors know how we may better serve YOU the membership! Feel free to contact any board member with questions or ideas. Our contact info is inside the front cover.

Here are just a few of the excellent ideas Members just like you have brought forth:

Bringing back the Potluck at our Conference; Taking our Archives to the public with travelling displays; Using the Mentoring Center not only for teaching and learning smith craft, but teaching and learning how to demonstrate; Holding an event this coming October.

That's right; there will be a special event in October! Long time NWBA members Andrea and Dave Lisch have, for many years, hosted the Blacksmith's Swap Meet under the bridge where their shop was. They've moved, of course. They also tell us the area under the bridge has had changes and no longer works for a swap meet. The NWBA will be helping to fill this void with an event in October. This won't be a Conference, but it will be fun! In addition to opportunities to haggle and trade, there will be demonstrations and open forge time in the Mentoring Center. Look for details in this and future issues of the Hot Iron News and also on our Website ([blacksmith.org](http://blacksmith.org)).

The NWBA Conference is right around the corner (May 12 through 14 - Save the date!)

We'll need help at the Registration desk, especially in the mornings. We also need volunteers for late-evening fire-watch. Contact our Volunteer Coordinator, Peggy Gudgell, and offer your help with these details! (You'll find her contact information on the inside of the front cover.)

Speaking of details, you can find plenty beginning on page 11 of this issue of the Hot Iron News.

Don't forget the County Fair in July (26th-29th)! We'll be re-arranging the Mentoring Center to accommodate the public. Contact our volunteer coordinator, Peggy, and let her know which day you would like to greet the public.

Stay Inspired!

-Lee Cordochorea

(You pronounce that just like it's spelled.)

NWBA President

### Treasurer's Report

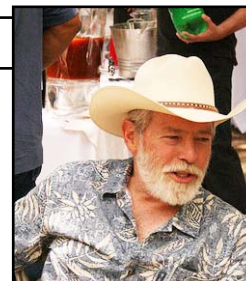
*NWBA Treasurer Jim von Mosch*

#### Fourth Quarter 2016

Well 2016 is gone! But we still have money!

We finished the year with \$56524.96 in the bank. But don't worry we have lots of things to spend it on. Last year we shared \$2700 in grants and \$6863 on some of the best demonstrators. We had to pay rent on our wonderful Mentoring Center of \$4800 and \$3506 for rental of the Conference facilities. Our wonderfully informative Hot Iron News cost \$5099 not including mailing. And to keep everyone safe we spent \$2327 on insurance. In addition there were a lot of smaller expenses that nearly matched the income of \$51189. All in all a good year. We would like to spend more on grants and outreach, so be sure to help support the NWBA. Just to see who reads this: Let me know what you would like to see in the Financial Report and say the secret phrase (Boogey-Woogey) at the Conference and I might give you something nice.

Jim von Mosch, Treasurer



## NWBA Board of Directors 2016 Election Results

**The results of the 2016 elections of officers to serve in 2017 were as follows:**

**68 Ballots Returned, Votes Tallied:**

**Candidates:**

Peggy Gudgell 64  
Steve McGrew 63  
Jeff Cawley 62

**Write-Ins:**

John Paul 9  
Jim Garrett 9  
Dave Lisch 3  
Joe Elliot 2  
Morgan Kirk 1  
Scott Szolch 1  
Tim Middaugh 1  
Alan Flashing 1  
Dean Mook 1  
Reece Whitacre 1  
Matt Moore 1

The Board of Directors met on January 28th, 2017 and determined the winners from the write-in ballots, and elected officers.

John Paul agreed to serve as a board director.

Jim Garrett declined to run and will continue as chair of the Elections Committee.

No other write-ins added to the board.



### 2017 NWBA Board of Directors

Lee Cordochorea – President

Kellen Bateham – Vice President

Jim von Mosch – Treasurer

Secretary – Peggy Gudgell

Directors at large: Jeff Cawley, Hunter Dahlberg, Lynn Gledhill, Steve McGrew, and John Paul.

**Positions are a two year term, 2017 & 2018**

### A Note from the Editor *Amy Mook*

Hello NWBA Members,

This issue of the Hot Iron News is filled with great things to come. I can hear the engine turning as we hit high gear with preparations for the Conference in May. I am very excited for the lineup of demonstrators, hands-on instructors, repoussé and all the other scheduled events, it is going to be a jam packed long weekend not to miss!

Speaking of our Conference... **Online Registration is NOW OPEN**, with a simplified, streamlined order system. Go to [www.blacksmith.org](http://www.blacksmith.org) and follow the links... it's EASY. Don't put off till tomorrow, what you can do today!

This year's conference T-shirt is a fanciful Northwest landscape with a blacksmith's twist, thanks to Anne Bujold and Scott Stephenson for volunteering their time to create the design. It's a must have for your NWBA T-shirt collection, be sure to add one to your Conference Registration order, (there is no guarantee there will be extra T-shirts in your size at the registration desk).

One of my favorite conference highlights is the Gallery. Getting to see what everyone has been dreaming up and hammering out is special to me for many reasons: Sometimes people are so amazingly skilled and artistic I can only stand back in awe. Sometimes I am impressed by how much a person's work has improved over the years. Sometimes I am confronted with ideas and images I had not encountered before. Always, I am grateful to be associated with such a creative and supportive group of hard working, interesting

people. I encourage you to bring your work to show off in the gallery, everyone wants to see what you have been doing, and to have an opportunity to encourage you to keep up the good work. There is no better group to share your blacksmith endeavors with, people who really understand how much work goes into bending steel to your will.

Repeating an old trope, NWBA is an all volunteer organization, and needs the support and help of all members. A few hard working and dedicated souls step up to serve on the Board. They plan, they set up, they reach out, but they need you too. Find ways to give back of your labors, and even more ways to give praise to those who are giving so selflessly of themselves (meaning, put in some time and physical effort, AND stop and thank those who are working for your benefit).

*"We make a living by what we get. We make a life by what we give." — Winston S. Churchill*

I hope to see you all at our conference. If you have any advice, criticism or request of your editor, do not hesitate to let me know, I am serving the NWBA at the pleasure of the membership and Board, and it is my hope to do my best to fulfill my responsibilities.

Thank you for your trust and the opportunity to serve the NWBA,

Amy Mook, NWBA editor



## Calendar of Upcoming Blacksmith Events 2017

<b>March 25</b>	NWBA: Demo/Open Forge, TBA Mentoring Center 9:00 am - 4:00 pm NWBA Mentoring Center, Longview WA
<b>March 25-26</b>	Balancing Art with the Anvil: Mobile Making 9:30 am - 5:30 pm Pratt Fine Arts Center, Seattle WA
<b>April 22</b>	NWBA Board Meeting 1:00 pm - 4:30 pm Longview Public Library, Longview, WA, Longview WA
<b>April 22</b>	NWBA: Demo/Open Forge, TBA at Mentoring Center 9:00 am - 4:00 pm NWBA Mentoring Center, Longview WA
<b>April 27-29</b>	California Blacksmith Assoc. Spring Conference 2017
<b>May 6-7</b>	CCAC Workshop: Lisa Geertsen – Basic Blacksmithing Cascadia Center for Arts and Crafts, Government Camp Oregon
<b>May 12-14</b>	NWBA Conference 2017 Cowlitz Expo Center and NWBA Mentoring Center, Longview WA
<b>June 10-11</b>	CCAC Workshop: Christoph Freidrich - TBA, Cascadia Center for Arts and Crafts, Government Camp Oregon
<b>June 24</b>	NWBA: Demo/Open Forge, TBA at Mentoring Center 9:00 am - 4:00 pm NWBA Mentoring Center, Longview WA
<b>June 24 &amp; 25</b>	CCAC Workshop: Dave Lisch - Pillow Boxes (two separate 1 day classes) Cascadia Center for Arts and Crafts, Government Camp Oregon
<b>July 4-7</b>	CanIRON XI Kwantlen Polytechnic University Cloverdale, B.C CA
<b>July 17-21</b>	CCAC Workshop: Mark Aspery – Fundamentals of Blacksmith, Cascadia Center for Arts and Crafts, Government Camp Oregon
<b>July 26-29</b>	NWBA Demos during Cowlitz County Fair, NWBA Mentoring Center, Longview WA
<b>August 14-16</b>	CCAC Workshop: Fred Crist – Sculpture Cascadia Center for Arts and Crafts, Government Camp Oregon
<b>August 17-20</b>	CCAC: Blacksmith Week 2017 - Fred Crist, Peter Clark and Torvald Sorenson Cascadia Center for Arts and Crafts, Government Camp Oregon
<b>September 10-11</b>	CCAC Workshop: Jeff Holtby – Simple Padlock Cascadia Center for Arts and Crafts, Government Camp Oregon
<b>October 20-22</b>	NWBA Octoberfest Swap & Demonstrations/Open Forge, NWBA Mentoring Center, Longview WA

\*NWBA - Northwest Blacksmith Association sponsored event

\*CCAC - Cascadia Center for Arts and Crafts sponsored event

**Find the most current event listings at [www.blacksmith.org/events/](http://www.blacksmith.org/events/)**

**Submit your blacksmith events for publication online**

**and in the Hot Iron News:**

**[www.blacksmith.org/submit-event](http://www.blacksmith.org/submit-event)**



## Mentoring Center January 28th, 2017

### Andy Blakney, Quick and Dirty Tool Company

*Article by Hardie Swage,  
Photographs by Dan Bowyer*

Andy Blakney, from Auburn, WA, ([Quickanddirtytoolco.com](http://Quickanddirtytoolco.com)) has made over 4 thousand tongs and his production systems generated a great deal of interest from a large gathering on a cold January day at the Mentoring Center. A visit to his web site will give you his full range of merchandise. This demo was limited to making 4 different type tongs. . Using jigs to limit heats and blows, while insuring consistency/uniformity, he has developed a system for making a large variety of tong styles from 1/2" RD 1045 steel. Different jigs are used to form and bring the forging back in to alignment . The 1045 steel cost difference per 20 ft. bar is just a few bucks higher than mild steel and 1045 is a tougher and more uniform material. His most common order is the 6 tong beginner set so he makes all tongs to fit into flat rate boxes for ease of shipping. His business is mostly based on web marketing. The finished tongs he brought to the demo sold out quickly.

Starting with 18" of 1/2" round 1045 bar the basic tong initial form is done in a bending jig (see pic ####) engaged with a "T" handle bending fork. Hand forge your ideal form and then weld up the jig boundaries around it. He thinks the two handed fork works best in this jig. The jig allows about 3" for the tong jaws. The jig pictured, had an adjustable stop, however Andy makes most of his tongs from a standard form and trims later in production rather than always adjusting with the jig. To make tongs to hold sizes above one and a half inch stock, he welds angle iron to smaller "V" jaw tongs.

Out of the jig and still the same heat, a few light blows to true up the forging on the anvil face. The rivet joint area (boss) and the jaws get the most attention.

Using a 1 1/2" sq. set hammer to set the boss area taking the round stock to slightly under 1/4" in thickness and giving the right spread. The set hammer has more rounded edges than normally found on a set hammer.



Fork and primary bending jig.



Set hammer in use, stop and look after each blow to set hammer.

Spread the hand grip area on the reins. Allow about 7" of stock for this. Starting with the bar at an angle on the anvil corner to set the step and then lowering the bar as you proceed down the bar with overlapping blows. The resulting flat is about 1/4" wide or less, with round sides as a carryover from the round parent bar. Gives a very hand friendly tool.



## Andy Blakney, Mentoring Center January 2017, continued

Flatten area between grip and boss from the side. Leave the already flattened grip off the anvil edge so everything stays centered. The flat faces are slightly larger than those of the grip area, little over 1/4" wide. These two flattened rein sections allow for easy twist correction with a wrench. Keep the forging straight and true, don't let small issues get to be big issues before you correct them.

This work on the reins seems easy in its description, small flats on round stock. But the execution is not. It will test your basic hammer skills to make the flats uniform and keep the worked area straight. If you must work the sides, do it as little and as light as possible to maintain the round surfaces.



Drill not punch the rivet holes. Drilled holes are straight, clean and the boss area is not deformed in the process. A one inch 5/16" rivet is used and a 21/64" drill. Center punch the middle of the boss to keep the drill from wandering. Do not quench the tongs during the forging process, especially before drilling.

The jaws are formed last in Andy's process. Some of his forming and alignment jigs even use the rivet hole as a indexing point. This creates perfectly matched jaws. The jaw area is trimmed depending on the tong type. This is easier and quicker than adjusting the jig in the initial bending. For scroll and flat jaws allow 2" of stock. For "V" jaw tongs allow 2 1/4".

Scroll tongs are forged with a tapered point, flat jaw tongs are forged flat. Pickup/fire tongs are started like flat jaw tongs but use the full 3" jaw as it come from the bending jig.



Adjusting the tongs, note the gloves.



Above: Pickup/Fire Tongs.

Right: Pickup Tong Alignment Jig, and shown with bending forks used to align the tongs.



Above: Pickup/Fire Tong Jig  
Right: Pickup Tong Jig in use

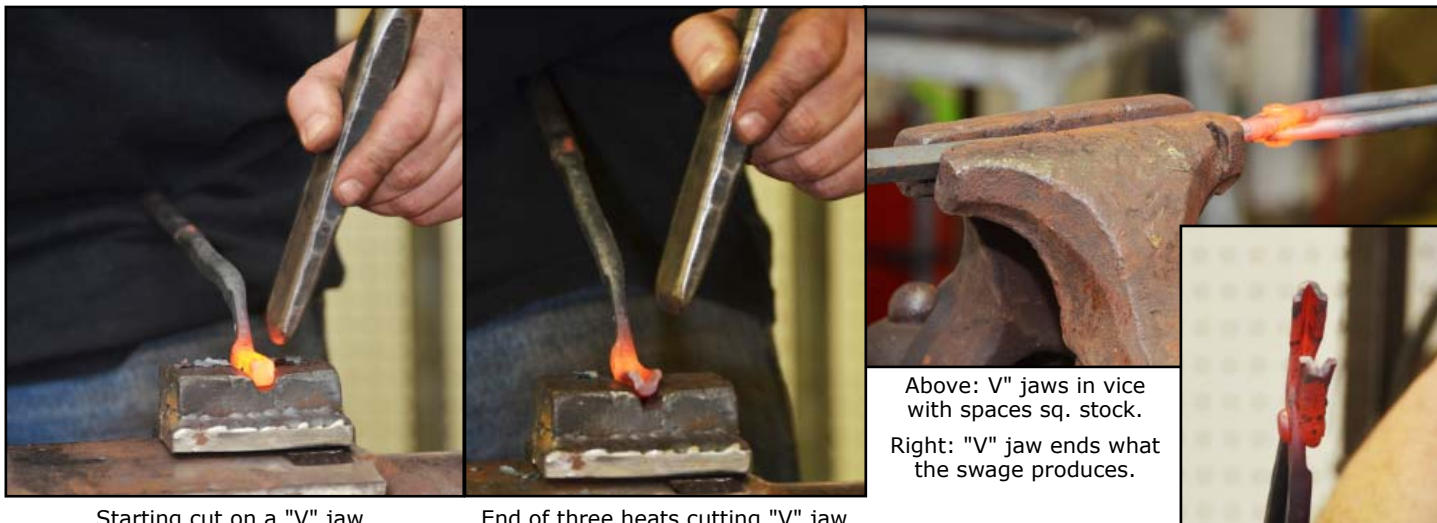


The Pickup/fire tongs have what appears as an unusual shape until you see them pull stock from the dragon's breath gas forge, and adjust the bricks on the forge mouth. A pair of these tongs with the front lips cut off picked up the hot rivets from the forge and inserted them in the tong half with ease.



"V" jaws are formed in a half round swage. 3/8" at the far end, tapers to 1/2" at the near end. The corners are well rounded. See pic and cool tool section. The jaw stock is narrowed so it hits the bottom of the swage first when put in. A few light blows ensure everything is well seated before starting the chisel cuts. The chisel does not have a 90 degree cutting bevels, this will be set by the test stock when the jaws get their final fitting.

Rivet the two halves together, Andy wants the rivets flat and wide. The rivet is hot (high yellow) and the tong halves

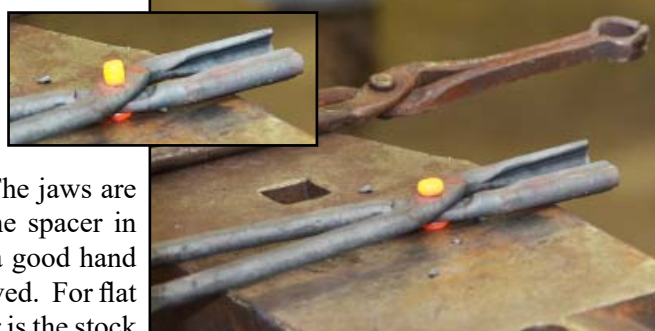


Starting cut on a "V" jaw.

End of three heats cutting "V" jaw.

are cold. He wears gloves during the riveting and final adjustment process. Take a heat from behind the rivet to the jaw ends and true up over the anvil, both the jaws and the reins. With a good heat, wiggle the tongs open and close after riveting to loosen them up.

Scroll tongs are set up with a 1/8" spacer between the jaws. The jaws are clamped in the vice with the spacer in and the reins are spread to a good hand feel and any twists are removed. For flat and "V" jaw tongs the spacer is the stock they are to hold.



With extra time taken to teach Andy still made four different tong styles in his allotted 3 hours, even after fighting a reluctant drill press that forced him to hand punch each tong half. A great demo of fast and effective. He avoids the dirty part at his home shop with a tumbler and wax finish.

Tongs made at Andy's demonstration. Top to bottom:  
Flat Jaw Tongs  
Scroll Tongs  
Pickup/Fire Tongs  
"V" Jaw Tongs



## Andy's Cool Tools

Anvil tooling is mounted on angle iron and clamped to anvil side rather than on a hardie hole. Andy thinks mounting swages on the 50 yard line of the anvil gives better rebound out of the tool. Bending and alignment jigs were either anvil clamped or vice held on a keel.



Vise mounted Swage



Swage clamped to anvil.



Andy uses simple cotton work gloves (shown on page 7) from Harbor freight are cheap and effective, about \$5.00 for 6 pair. Harbor Freight has a 1 1/2" engineers hammer for \$6.00 that can be turned into the set hammer with relative ease.

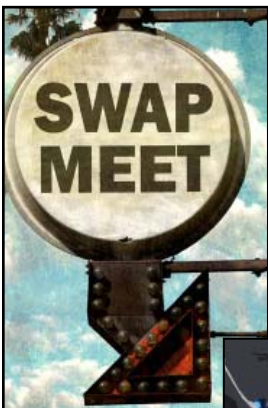


This was my introduction to the Klutch Angle Grinder Stand (Item # 375354). A Google search had lots of info; even how to make your own. A cut off wheel on an angle grinder attached to this rig makes it function like a chop saw was used a lot and very handy. 7" cut off wheels are cheaper than band saw blades and better at working tool steel. Andy's came from Northern Tools. They retail for around \$25, transportation and sale offerings vary. When I looked Amazon was out of stock and Grizzly makes a similar item.



***Thank you Andy Blakney for a great demo!***

You can find out more about Andy and Quick and Dirty Tool Company:  
Quick and Dirty Tool Company Website: <http://quickanddirtytools.com/>  
Facebook Page <https://www.facebook.com/QDTool/>



***Swaptoberfest... Swaptoberforge... Octoberfest Swap & Forge... Fallfest... Octoberfest Swap Meet & Hammer-In... Swaptober-In...***

**NWBA Blacksmith Swap Meet and mini-Conference**

**October 20-22, Friday - Sunday**

**at the Mentoring Center and Fairgrounds, Longview, WA**



Plans in the works, in addition to the blacksmith swap meet: 2-3 Demonstrators, demo on Friday with open forge following, two on Saturday with open forge following, and possible open forge on Sunday until 1 or 2.

***Details coming soon... look for info on [www.blacksmith.org](http://www.blacksmith.org) in our monthly eAnnouncements.***





## NWBA Conference 2017

### Shapes and Patterns

May 12-14, 2017, Longview, WA



2017 Conference T-shirt Design  
by Anne Bujold & Scott Stephenson

- **Demonstrators:**

**David Lisch**, assembly shaping and grinding techniques used in knife making, discussing making Damascus and pattern development.

**Maegan E. Crowley** will be working with sheet metal, and structural hollow materials.

- **Hands-On Classes:** beginner, intermediate and advanced hands on classes.

**Hands On Instructors** (subject to change):

**Dave Tuthill** - Advanced Level

**Arnon Kartmazov** - Intermediate Level, Knife making

**Jeff Holtby** - Beginner Level

- **Metallurgy Seminar** on Friday evening, Arnon Kartmazov

- **Bronze pour** on Sunday with Matt Moore

- **Repoussé Station** with Alair Wells and Louis Rouffler

- **Gallery:** bring your works to display in our gallery, show off your latest.

- **Auction:** support the NWBA with an entry into the auction, something hand-made, materials, tools or services. Anything of value that can be sold at our auction. \*One of the reasons last year's Auction was one of our most successful was the folk who donated SMALL items! You don't have to donate a "wow" piece to donate success! (Although we will gratefully accept "wow" pieces, should you wish to contribute them!)

- **Black Smoke Alley:** bring your solid fuel forge and set up in Black Smoke Alley to demonstrate and offer hands on experiences, or just enjoy forging at your own setup during the conference.

- **Tailgate Sales:** fill your pickup with tools and materials, sell them to your friends, and buy enough of someone else's stuff to fill the truck back up. \*Please note: There is now a 10% "surtax" for items other than tools & materials. This will be on the honor system, and our Treasurer will gladly provide a receipt when you pay on your way out.

- **Contests with prizes:** to be announced. If you have a great idea for a contest send it to:

[nwbaweb@blacksmith.org](mailto:nwbaweb@blacksmith.org)

- **Potluck Social:** A large grill will be available to cook your barbecue meats, bring food to share. It is a potluck and the NWBA will be providing the grill and the picnic spot and some food. Last year there was confusion about this, and even though a lot of people did not bring food, there was a lot to eat and people had a really good time hanging out and sharing a meal together. Plan on being there!

## NWBA CONFERENCE 2017 ONLINE REGISTRATION OPEN

**Don't miss this great line-up of demonstrations, hands-on, contests, tailgating, and more, forging steel and friendships.**



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follow the links at [www.blacksmith.org](http://www.blacksmith.org)





# Meet the Demonstrators

## Maegan Crowley, Dolores Colorado

### *IronMaegan Metalworks*

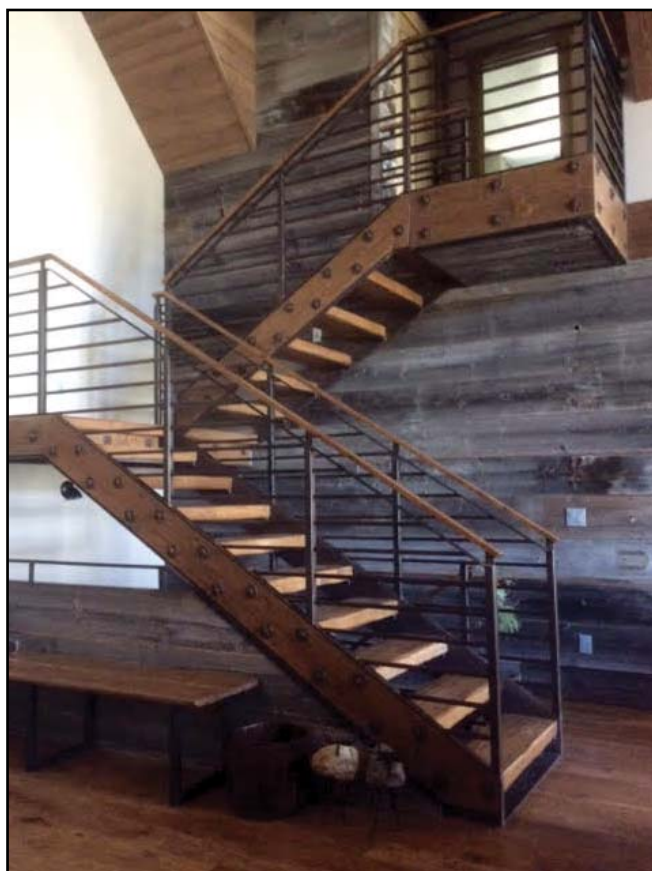
1603 Central Avenue  
Dolores CO 81323  
970-739-5510  
[www.ironmaeganmetalworks.com](http://www.ironmaeganmetalworks.com)

### Biography

Maegan owns and operates her own shop in Dolores, Colorado where she produces custom metalwork for residential, public and commercial sites. She also continues to develop her sculpture, fulfilling her need to create works of art that emphasize the detailed beauty of nature. Her work is in private collections and is exhibited nationally.

She received a BFA from University of the Arts in metalsmithing and continued her education to earn her MFA from Cranbrook Academy of Art.

Maegan has taught blacksmithing workshops at Haystack, Penland, Ox-Bow, Peters Valley School of Craft and the New England school of Metalwork. Her work can be seen in books such as “From Fire to Form” and “500 Vessels” and she has demonstrated at numerous regional blacksmithing conferences across the country.



- What turned you on to blacksmithing? How and when did you get started in blacksmithing?

*I became interested in blacksmithing as a metalsmithing student at University of the Arts in Philadelphia PA. We had a an assignment to make chasing tools for silversmithing.*

- How did you learn your craft? What object or thing did you use as your first anvil?

*I was trained as a jeweler /silversmith first so I had some background on forging/forming raising. I first learned blacksmithing from books, trial and error, and attending PABA meets.*

- Where do you live and where do you work?

*Dolores CO*

- What kind of shop do you have?

*I have a custom metalwork shop equipped for blacksmithing and fabrication.*

- What tool has changed or made your life easier in the shop?

*Hmm. Tough to name one!  
80 ton Hydraulic press,  
Ellis band saw and my recently purchased SM50 Say Mak Air hammer.*

- What kind of work do you produce? Do you have a specialty?

*Railings , Fireplace accessories , Sculpture etc..*



Forged/Fabricated Steel|14" x 14" x 38"



"Bisect" 2013



## Demonstrator Maegan Crowley, continued



- As your business has evolved how has it changed? How is it different from what you envisioned in the beginning?  
*Custom work lends itself to change which keeps things interesting to me . I do wind up with spurts of production work as well.*
- Is there a particular direction that you want to take your business? Is there a particular type of work that you would like to pursue?  
*I do want to include more sculpture into my business. I am currently working on a piece for a bank and hoping it will launch some similar projects.*
- Can you tell us who you have worked with, or who might have had an influence on your work or style, who assisted you or encouraged you in the craft?  
*Gary Griffin, Peter Hapney, Elizabeth Brim, Scott Lankton*
- What kind of collaborative projects have you participated in, and with whom?  
*I collaborate with architects/ interior designers.*
- What are some of the interesting things that have happened to you in your life as a blacksmith.  
*I do get to see some beautiful homes. Probably the most interesting thing was making a leaf for a blacksmith in Konya , Turkey. He couldn't believe it !*

- What do you expect to do in your demonstration at the conference?  
*I will be working with sheet metal, and structural hollow materials.*



"Full Bloom" 2013





## Meet the Demonstrators

### David Lisch, Yelm Washington

[www.davidlisch.com](http://www.davidlisch.com)  
[info@davidlisch.com](mailto:info@davidlisch.com)

I started blacksmithing in a two-car garage in Shoreline Washington, after taking the class with Jerry Culberson.

I really honed my skills while working with Darryl Nelson, learning to run big hammers and use chisels.

My first anvil was an 85 pound Trenton I got from the neighbor for 50 bucks.

I now have a 2800 ft. shop in Yelm Washington with three large hammers, three hydraulic presses, nine anvils, six post vices and more forges than I can count, and I am making more all the time. Of all the tools that have made my life easier, of course the big power hammer, there is one tool no knife maker

should be without, that's the 9 inch disk sander. I will talk more about the disk sander at my demo and show how to use it.

I make custom knives.

In the beginning of our business we did craft shows and custom ironwork that we got by passing out cards at the craft shows, this turned into production part manufacturing and plate texturing. We did that for many years along with the occasional custom ironwork job. Once we opened the school and I started selling knives for real money we realized we did not need to be in the city and then the rent for our space in downtown Seattle shot through the roof so we decided it was time to move. That's where we are now; teaching classes, making custom knives, and I do have an apprentice. I believe I'll always have an apprentice as the reward that comes with sharing the craft is unmeasurable.

I believe I have found the direction that my business is going on, to make knives and teach classes, and I have started to use my blacksmithing skills to make artistic stands for my knives (see cover photo). This is a great way to continue to use my blacksmithing skills and keep my knives unique.

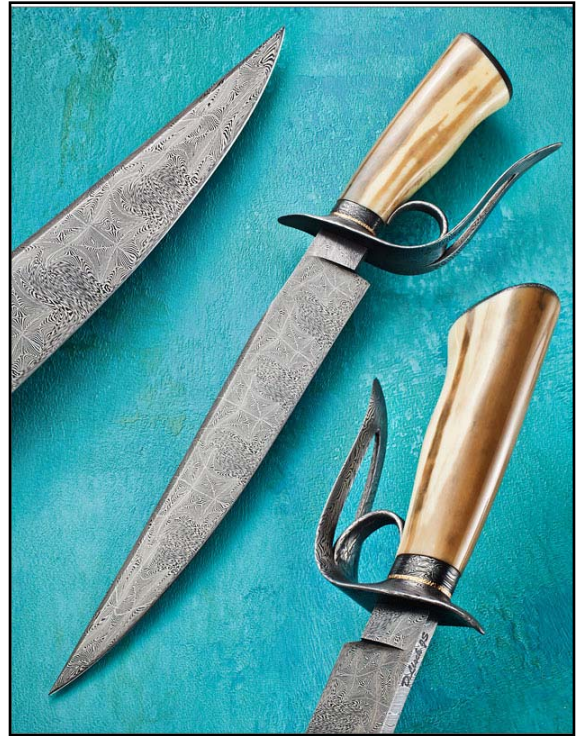


Photo by SharpByCoop



Photo by Chuck Ward Photography

As for the people who inspired me, assisted me and taught me in this craft I'll not be able to name them all but there are a few that stand out. Darryl Nelson broke my bad hammering habits and helped me understand just what fire and iron could do, and that sometimes the most profitable thing you could do in this business is tell the person that wants your work, no thank you I'm busy.

Tom Ferry open my eyes to the possibilities in Damascus and also helped refine my knife making skills

Mike Quesenberry took the time to show me how to slow down and do it right the first time.



## Demonstrator Dave Lisch, continued

As a student of this craft I'm looking to learn at every turn from every piece of iron I touch. Experience is the real teacher there are no mistakes only some lessons that cost more than others.

Collaboration projects are a wonderful teacher and as a part manufacturer for fabricators I would say I've been



involved with more collaborations than I could possibly mention. Installations can be a tricky part of this business and I have been doing them for 30 years, yes I can make it fit. Some of my collaborations were doing just that, helping make things fit. Since starting knife making I have done three collaborations with other knife makers and this is also a great way to learn. I have an upcoming collaboration with Mike Quesenberry which needs to be completed in October.

As far as interesting things that have happened to me as a blacksmith, well I did have a bridge named after me in gov camp after a passionate night around the campfire.

**For my demonstration** I'll be showing assembly shaping and grinding techniques used in knife making. I'll be discussing making Damascus and

showing some thoughts on pattern development. If you've ever seen a Damascus forging demo then you know why I will not be making Damascus. The last thing I wanted to do is bore you all to tears while I squeeze hot metal with a hydraulic press. It's a fine way to make Damascus although one I hope you never have to watch at a demo. I promise to make my demo more exciting than that. When I make Damascus I use my big hammer. If you're sanding knife blades I will cut that time in half. Struggling with guard fit up, I will go over that, and if your knives just don't look right I will be talking about flow and design. Lets have some fun and learn something, that is what this demo is about.



Photo by Caleb Royer



Photo by Eric Eggley, PointSeven Studios



## Becoming an ABS Master Blade Smith *By Dave Lisch*

The road to becoming an ABS Master Blade Smith does not start when you start making knives, it starts when you join the American Bladesmith Society, the ABS, upon joining you automatically enter as an apprentice regardless of skill level. I believe that most people that join have the intention of becoming a Master Smith, but before you become a Master Smith you must first pass the Journeyman Smith test. This is no easy test, I know a lot of people who failed the journeyman test and never tried it again. I know folks who failed and come back to pass. To pass you must accomplish a performance knife test and then submit 5 knives for judging under ABS rules. Once you achieve your JS rating a lot of collectors really start to take you seriously. You can ask more for your work and you are now eligible to test for your MS rating after two years of being a JS. I passed my Journeyman test in 2009, I was planning to test for MS in 2013 but got so frustrated with the quillion dagger that is required to be made for the Master smith test, the stress was making me crazy so I put it on hold. I finally tested in 2015 and passed, making me the sixth Master Smith in the state of Washington. There is just over 100 ABS Master Smiths in the world. Being a Master Smith comes with its own challenges, there has been a lot of makers that achieve the rating and really just couldn't make knives anymore, there's a lot of pressure and a lot of expectations of your work once you achieve the MS rating. I am just making the best knives I can, the satisfaction of achieving this goal is one of my proudest accomplishments and has given me the freedom and courage to push my work to new heights. One of the nice things of being a Master Smith is the acceptance of new designs and work by your peers. Once you achieve the MS rating it stays with you for life as long as you pay your dues to the American Bladesmith Society. Blacksmithing skills go a long way in knife making and can really help set your work apart. I use my blacksmith skills in my knife making other than just forging blades, I forge the hardware and stands. I have quit doing custom iron work so I can focus on my knife making and teaching. I have an apprentice that is doing very well and I have been working with my lovely wife, Andrea when she needs it as she is now pushing her knife skill to the next level. She has no interest in ABS ratings, she just wants to make the best kitchen knives she can and that makes me really happy as this is now truly the family Biz Nuts.

There's so many more aspects of knife making I am still wanting to explore, I hope the next 10 years to be the most fun ever. My suggestion to you is to find a dream, set a goal and work your ass off to get there. You can do it if you apply yourself, but make sure its something you love doing.



2015 ABS Test Knives, Photo by SharpByCoop



# NWBA CONFERENCE 2017 SCHEDULE

## REPOUSSÉ All Day Friday and Saturday

### BLACK SMOKE ALLEY All Day Every Day

(individuals set up forges and demonstrate and work, often a great hands on opportunity)

### FRIDAY MAY 12th

8:00 a.m. registration begins

9:00 a.m. Main demonstrator David Lisch

12:00-1:00 Lunch

1:00-4:00 p.m. Main demonstrator Maegan Crowley techniques with tubing

1:00-4:00 p.m.. Hands-on Class (TBA)

6:00 P.M. POTLUCK!!!!!!!

Bring some meat and a side to share, a grill will be provided.

7:00 p.m. Eagle Eye Competition to be announced  
PRIZES!!

Midnight Madness!!

### SATURDAY MAY 13th

9:00 a.m.-12:00 main demonstrator David Lisch

9:00 a.m.-12:00 Hands-on Class, Arnon Kartmazov (TBA)

12:00-1:00 p.m.. LUNCH

1:00-4:00 p.m.. Main demonstrator Maegan Crowley tubing

1:00-4:00 p.m.. Hands-on Class (TBA)

4:00-5:00 p.m.. Metallurgy class in mentoring center by Arnon Kartmazov

6:30 p.m. Banquet and General Meeting - everyone welcome

After Banquet:

Eagle Eye Competition to be announced Prizes

Midnight Madness!

### SUNDAY MAY 14th

Bronze pour demo by Randy Cryderman

Conference Break-Down



**YOUR**  
**Conference Auction Donations**  
**Support the Programs of the NWBA**

Thinking You Can't Make Something Big Enough or Good Enough??  
2016 Auction was one of our most successful because so many folks  
**donated SMALL items!**

**Did you know? If an item you donate auctions off for \$250 or more you receive a free year of membership.**

**Take Pride of Ownership in YOUR NWBA**  
**Get out there and get working on your auction donation today!**

services - and more... hand forged works large and small, beginner to expert, art, craft, utility - tools of the trade - tools of another trade - gift items - collectibles - galantries

## **NWBA Conference 2017: May 12 - 14**

### **Cowlitz Expo Center, Longview, WA**

### **Driving Directions to Cowlitz Regional Conference Center**

#### **Driving North**

Take Exit 39 off I-5 at Kelso  
Turn Left onto Allen Street  
Follow Allen Street over the Cowlitz River  
Take 1st Left after Bridge onto 1st Avenue  
Turn Right onto Washington Street  
CRCC located on the corner of Washington Street and 7th Avenue

#### **Driving South**

Take Exit 39 off I-5 at Kelso  
Turn Right onto Allen Street  
Follow Allen Street over the Cowlitz River  
Take 1st Left after Bridge onto 1st Avenue  
Turn Right onto Washington Street  
CRCC located on the corner of Washington Street and 7th Avenue

---

### **Conference Location**

Cowlitz Regional Conference Center  
1900 7th Avenue  
Longview, WA 98632  
360-577-3122  
<http://www.thecenterofthenorthwest.com/>

## **Where to stay?**

### **Super 8 Kelso Longview**

250 Kelso Drive  
Kelso, WA 98626  
(360) 423-8880  
<http://www.super8.com/hotels/washington/kelso/super-8-kelso-longview-area/hotel-overview>

### **Best Western Aladdin**

310 Long Avenue  
Kelso, WA 98626  
(360) 425-9660  
<http://bestwesternwashington.com/hotels/best-western-aladdin>

### **Red Lion Hotel Kelso/Longview**

510 Kelso Drive  
Kelso WA 98626  
(360) 636-4400  
<http://www.redlion.com/our-hotels/washington/kelsolongview/>

### **Quality Inn & Suites**

723 7th Avenue  
Longview, WA 98632  
(360) 414-1000  
<http://www.qualityinn.com/hotel-longview-washington-WA183>

### **Hudson Manor Inn**

1616 Hudson Street  
Longview, WA 98632  
(360) 425-1100  
<http://hudsonmanorinn.com/index.html>

### **Guest House Inn & Suites**

501 Three Rivers Drive  
Kelso, WA 98626  
<http://www.guesthouseintl.com/hotels/kelso>

### **Motel 6**

106 No. Minor Road  
Kelso, WA 98626  
(360) 425-3229  
<http://www.motel6.com/reservations>

### **Town House Motel**

744 Washington Way  
Longview, WA 98632  
(360) 423-7200  
<http://www.townhousemo.com/index.html>

### **EconoLodge**

505 North Pacific Avenue  
Kelso, WA 98626-3517  
(360) 636-4610  
<http://www.econolodgekelsowa.com/>

## **Camping**

### **Onsite fees for camping:**

No Hookups \$5  
Electricity Only \$10  
Electricity and Water \$15  
**Pay at registration desk, please.**

### **Airports:**

Kelso Longview Airport: 2.6 mi,  
Portland International Airport: 47.4 m



# NWBA combined Registration Forms

## 2017 MEMBERSHIP & NWBA CONFERENCE 2017 May 12-14, Longview, WA

USE THIS FORM TO REGISTER FOR THE CONFERENCE, an NWBA MEMBERSHIP, OR BOTH.

The NorthWest Blacksmith Association is a Washington corporation and a 501 (c) 3 non-profit charitable organization founded in 1979. 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, monthly Mentoring Center demonstrations and open forges, frequent hands on workshops and events, and the camaraderie and support of hundreds of blacksmith enthusiasts.

**Current Membership in the NWBA is required for attendees of the conference.** If you are not currently a member of the NWBA please include the Fee for Membership in your total payment. **If you are not certain about your membership status you will be able to pay the dues at the conference registration desk.** 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.

### THREE DAY FEES

- ☐ Individual: \$90  
☐ Household: (at the same residence) \$115

### ONE DAY FEES

- ☐ Individual: \$65  
☐ Household: (at the same residence) \$80

### Dinner Tickets: \$25 per person.

How many meals? \_\_\_\_\_  
 Vegetarian meals (included in total of meals): \_\_\_\_\_

Dinner will be served to meal ticket holders only. Tickets are sold in advance and issued at registration. Dinner is buffet style, with main course choices.

### T-SHIRTS: \$15 Each

\_\_\_ Small \_\_\_ Medium \_\_\_ Large \_\_\_ X Large  
 \_\_\_ XX Large \_\_\_ XXX Large

### Last day early registration is accepted is May 1st, 2017

Pick up your badges and dinner tickets at the registration desk.

**Camping fees** must be paid in person at registration. (Trailer hook-ups w/ water & electric for \$15 per night. Dry camping \$5 per night, including the Tent Barn)

### 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; its members, employees, representatives, associates, independent contractors, and board from any and all claims, demands, damages, expenses, and any other liability for injuries or damages of any description which may occur as a result of my participation in this organization as a member. This Release shall be legally binding on heirs, my assigns, successors, estate, legal guardians, executors and me.

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

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

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

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

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

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

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

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

Return this form with your check as soon as possible.

All payments must be made in U.S. Dollars.

Mail entire page to:

NWBA

4742 42nd Ave. S.W. #185

Seattle, WA 98116

To apply online and pay by credit/debit card go to: [www.blacksmith.org](http://www.blacksmith.org)

No. of Meals _____	x \$25 each =
Meal total _____	
Conference Fees Total _____	
T-Shirt Total _____	
Membership Dues _____	
\$60 in U.S.A.	
\$70 outside U.S.A.	
<input type="checkbox"/> New Member	
<input type="checkbox"/> Renewing Member	
Grand Total _____	

# The Anvil: a selection of anvils through the centuries

Got lost for hours in the world wide web of Blacksmith History... here is just a bit of what I found.

The artifact that began the journey...

800BC - 100CE Iron Age or Romano-British iron anvil from Sutton Walls hillfort. Forged from a single bloom of iron which has been carburised during the reheating for forging, or from steel produced directly from the ore. 111lb weight, 10.5 ins. high with a base 9 ins square . Excavated by Kathleen Kenyon from Sutton Walls, Herefordshire in 1948-1951.

↓Anvil Museum Collection - Roman anvil dating to approximately 200 A.D. and discovered in an archeological dig in Czechoslovakia.



←National Museum of Transylvanian History  
2nd century CE. Weight - 50 kg



Ancient German Art anvil with face.



13th-14th century



15th-16th century, France. Iron and Railway Museum, Vallorbe



Armor Anvil 16th Century



"Tree Anvil" dated 1533



Anvil, forged, 17th century, Canton of Vaud, Switzerland. Iron and Railway Museum, Vallorbe, 2012 expo. Wgt: ~90kg.





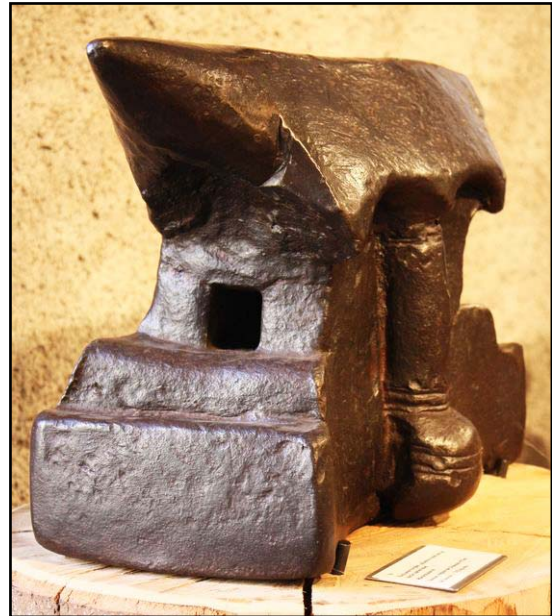
Medieval Continental Anvil, Europe, 15th or 16th century.



At Herstmonceux Castle, Herstmonceux, East Sussex, England, 16th century



Anvil for small ironwork originating in the region of Styria in Austria. Dated 1671. Weight: about 20 kg.



Farrier's anvil with a round pilaster on a spherical base. Swiss, Château d'Oex area, 16th century. Iron and Railway Museum, Vallorbe



←Five-legged farrier's anvil, central France, 17th century. Iron and Railway Museum, Vallorbe, 2012 expo. Wgt: ~130kg.



Anvil, carved and engraved iron, France dated 1793



Classic hornless church window style anvil, 1796, about 50-60kg,



Church window style anvil, dated 1763



Anvil Museum Collection - Swage Anvil, American Colonial



Originally from the Canton of Grisons in Switzerland. Dated from 1811. Weight: 96 kg.



Anvil Museum Collection - 1802  
- Stamped CK, 5th foot with church windows



1833, Northern Bohemia, about 100 kg



## Cascadia Center for Arts and Crafts

[www.cascadiaarts.org](http://www.cascadiaarts.org)

Mark your calendars for a busy 2017 Blacksmith workshop season, at Cascadia Center for Arts and Crafts, Government Camp Oregon

<b>May 6-7</b>	Lisa Geertsen – Basic Blacksmithing
<b>June 10-11</b>	Christoph Freidrich - TBA,
<b>June 24 &amp; 25</b>	Dave Lisch - Pillow Boxes (two separate 1 day classes)
<b>July 17-21</b>	Mark Aspery – Fundamentals of Blacksmith,
<b>August 14-16</b>	Fred Crist – Sculpture
<b>August 17-20</b>	Blacksmith Week 2017 - See details below
<b>September 10-11</b>	Jeff Holtby – Simple Padlock

## Blacksmith Week 2017 Thursday August 17- Sunday 20

- Demonstrations
- Workshop
- Open Forge
- Camping and Camaraderie

**Main Demonstrators: Fred Crist, Peter Clark and Torvald Sorenson**

### Schedule:

Thursday- group sculpture project & Peter  
Friday- Peter & Fred  
Saturday- Fred & Torvald  
Sunday – Torvald

**Fun for the whole family:**

**visit nearby lakes, Mt. Hood Adventure Park, Timberline Lodge and more!**



# Blacksmithing Schools Around the Northwest

## Backwoods Blacksmith

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

## Cascadia Center For Arts & Crafts

P.O. Box 64  
Government Camp, Oregon 97028  
<http://www.cascadiaart.org/>  
Blacksmithing, Visual Arts, Painting & Drawing, Photography, Fiber Arts, Glass, Jewelry

## Clackamas Community College

19600 Molalla Avenue  
Oregon City, Oregon 97045  
Phone: 503-594-6000  
Website: <http://www.clackamas.edu/>  
Offering blacksmithing classes under the Welding Technology program.

## Clatsop Community College

1651 Lexington Avenue  
Astoria, OR 97103  
Phone: 503-325-0910  
Toll Free 1-855-252-8767;  
website: <http://www.clatsopcc.edu/>  
Blacksmithing classes are taught through the Historic Preservation Program

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

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

Please send information about your events, school and class listings to [nwbainfo@gmail.com](mailto:nwbainfo@gmail.com)

## Incandescent Ironworks Ltd.

Spokane, WA  
509-456-8321  
At Incandescent Ironworks I teach introductory and intermediate blacksmithing, introductory and intermediate knife making, and tailored instruction on selected smithing topics.  
Contact: Steve McGrew:  
[stevem@incandescent-iron.com](mailto:stevem@incandescent-iron.com)  
[www.incandescent-iron.com/blcl.html](http://www.incandescent-iron.com/blcl.html)

## Old West Forge

PO BOX 2105  
White Salmon, WA 98672  
(509) 493-4418  
For additional details contact Tim Middaugh:  
[tim@oldwestforge.com](mailto:tim@oldwestforge.com).  
Current classes are listed at [www.oldwestforge.com](http://www.oldwestforge.com)

## Pratt Fine Arts Center

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

## Studio 4 Forging Facility LLC

A state of the art Knife Making and Blacksmith school in Seattle.  
Yelm, WA 98597  
Email David Lisch: [studio4@davidlisch.com](mailto:studio4@davidlisch.com)  
Current class schedule is at [DavidLisch.com](http://DavidLisch.com)

## Thorne Metals Studio

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

If you would like to list your blacksmith school here, please send your information to [nwbainfo@gmail.com](mailto:nwbainfo@gmail.com).

# Conference Gallery 2017

Featuring

Works made by  
**YOU!**

What have you been up to?  
**Hang it in the Gallery!**

Get encouragement to keep  
up the good work from  
people who really understand  
how much work goes into  
bending steel to your will.



Show Up & Show Off  
to Your Fellow Blacksmiths!

**NWBA Conference May 12-14, 2017**

## California Blacksmith Association Spring Conference

April 27-30, 2017

Antique Gas & Steam Engine Museum, Vista, California

### ALL ABOUT JOINERY

Registration and Camping information available at the  
California Blacksmith Website: <http://www.calsmith.org/>

#### Hands-On Workshops

##### Beginner through Intermediate

Thursday, All Day - Tool Making Workshop  
Kevin Lauritsen, Ken Kuhn, Beth Homberg

Friday Morning - Folding Cooking Trivet  
Chris Ruiz

Friday Afternoon - Blacksmiths Tongs  
Grant Loper

Friday Night - Penandular Cloak Pin  
David Shuford

Saturday Morning - Viking Chest Hinges  
Jeff Hunter

Saturday Afternoon - Braided Iron Bracelets  
Sharon Dodge

Sunday Morning - Two-arm Hanging Candle Holder  
Beth Holmberg



#### DEMONSTRATORS:

Daniel Miller  
Brett Moten  
Monica Coyne  
Tony Swatton  
Gary Brown  
Jay Burnham-Kidwell

#### EDUCATION

Beth Holmberg

#### YOUTH EVENTS

#### GALLERY AND AUCTION

#### IRON IN THE HAT

#### VENDORS

#### TAILGATE SALES

#### EVENING COMPETITIONS AND CHALLENGES!



July  
4 to 7  
2017

at Kwantlen Polytechnic University, Cloverdale, BC  
*only 50 kilometers east of Vancouver, BC*

See **caniron.ca** for demonstrator, event, and registration information.

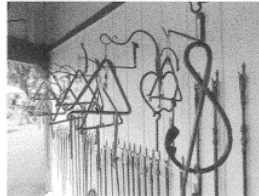
*Presented by:* Vancouver Island Blacksmith Association and co-hosted with blacksmiths from the greater Vancouver area and assistance from the Kootenay Blacksmiths Association.



## ATTENTION BLACKSMITHS!



INTERESTED IN SHOWCASING AND  
SELLING YOUR WORK  
ALONG WITH DEMONSTRATING OUR  
CRAFT AT ONE OF THE LARGEST  
FAIRS IN THE USA?



THEN -  
**WE'RE LOOKING  
FOR YOU TO JOIN  
US AT THE  
WA STATE FAIR IN  
2017**

FOR INFO CONTACT  
TERRY CARSON of ARTIST BLACKSMITH LLC  
@  
253-376-6234

## Bent River Forge

Farrier Supplies

(541)847-5854

Fax (541)847-5996

farriersupplies@gmail.com



Open  
Monday-Saturday  
9am to 5pm

26729 Hwy 99W  
Monroe, OR 97456



Coal/Coke Firebox

Henrob/Cobra 2000  
Welding Torch

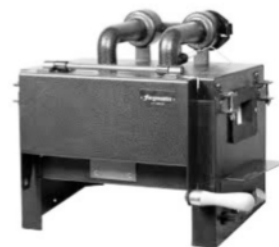


High Quality  
Forge Coke & Coal



38" Floor Bender

BLACKSMITH  
AND  
FARRIER SUPPLIES



## Classified Ads

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

**Whitlox Wood-Fired Forges** are specially designed for forging with raw wood or charcoal fuel. All our forges are made from 11 gauge steel and double lined with kaowool and firebrick for super long life. Use discount code NWBA for a \$50 discount on any full size forge at [www.whitloxhomestead.com](http://www.whitloxhomestead.com). Phone: 503-952-6540

**For sale: Quality blacksmith coal, coke and charcoal.**

Contact Jim von Mosch at Mountain Brook Forge 509-493-2246 or [Mountainbrookforge@gmail.com](mailto:Mountainbrookforge@gmail.com) for price and availability.

**For sale:** I'm hanging up the tongs after 35 years of blacksmithing and bladesmithing. All equipment and tools will be sold. Located in Beaverton, OR. Complete inventory and price list available upon request. Contact: Dean Crumpacker at 505-690-9941 or e-mail [forgedahead@gmail.com](mailto:forgedahead@gmail.com)

**For Sale:** I have a little giant 100 pound power hammer for sale. Located in Southern Oregon. Runs good. Make offer. Contact Bruce @541-441-4908

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