

Hot Iron News



FOURTH QUARTER 2024



Northwest Blacksmith Association

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

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NWBA Website: www.blacksmith.org

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

Northwest Blacksmith Association

4742 42nd Ave SW #185

Seattle, WA 98116

2024 annual dues: \$60 (foreign, \$70). Dues include quarterly subscription to Hot Iron News.

Dues may also be paid online at 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! Mail announcements to nwbainfo@gmail.com

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ON THE COVER

Photo and Artwork courtesy of Dan Bowyer

Blacksmithing Workshops



VISIT www.newagrarianschool.org
FOR COMPLETE 2024 SCHEDULE

*Fundamentals • Blacksmith's Tools • Iron Smelting
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TONY STEWART • SHAWN LOVELL • SALEM STRAUB
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Explore Iron & Fire in the Northern Rockies

WANTED

Share photos and brief explanations of your completed projects in *Hot Iron News!*



Kindly send to
HIN Editor,
Patricia Dawson
at nwbainfo@gmail.com.

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NWBA Calendar of Events

- Dec 14, 2024** Mentoring Center Event: Pele Warnock – Holiday Gift Making at the Forge - 9am - 4 pm PST
Longview Mentoring Center – Cowlitz County Fairgrounds & Event Center
- Dec 31, 2024** NWBA Ballots must be postmarked
- Feb 1, 2025** Call for Entries: Favorite Forgings of 2024 Entries Due – Visit abana.org for details
- Apr 12-13, 2025** Oregon Knife Show – Lane County Fair Grounds, Eugene, OR
- Nov 11-14, 2026** ABANA National Conference - Bentonville, Arkansas

****2nd Thur. Monthly 5160 Knifemaking Club - 6 pm, Eugene 360-213-9936**

****Digital Demos, Blade Making, Fireside Chats, and special outreach programs to be posted on the website as presenters are confirmed. Watch your email for ongoing notifications.*



ATTENTION: Please check the mailing label on the back page of *Hot Iron News* and note your NWBA membership expiration date. Kindly renew prior to the expiration date

to continue to receive *Hot Iron News* and NWBA event notifications. Thank You! **Membership payments may be sent to:** NWBA, 4742 42nd Ave SW #185, Seattle, WA 98116

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A Word from our President

Greetings Members,

This year is coming to a brisk close. Next year the NWBA will welcome new Board Members, new Members, and a fresh website!

Thank you everyone who attended Swaptoberfest, it was a great community event. Even through the difficulty of our old website's demise, folks pulled together and got the word out. We had a total of 93 in attendance over the weekend, and eight new members! We had a total of six non-members in attendance as well, a successful first for us. Our demonstrators put on a great show, from Joy Fire's pewter watering can, to Haley Woodward's immense textured door knocker - forged to finish on a power hammer installed in the Demo Barn by the Trident MMF crew! Peter Clark led a bending fork workshop which I had the pleasure of participating in, and Mark Manley ended our event on Sunday with a demonstration on forging an adjustable hold fast - brilliant!

During Swaptoberfest we tried offering physical sign-up posters for our Board and Committees, to some success. We gained 2 Board nominations, and four new Committee members! The NWBA is volunteer run, and any member can join a committee and help make things happen. If you see a committee that interests you, or a function within the NWBA you want to see improved, please contact the Committee Chair listed on Page 2 of Hot Iron News.

This year we did not hold a General Meeting at Swaptoberfest since we held one during the Spring Conference in an attempt to get ballots out early. All the Board nominations from the spring fell through so we gathered new ones at Swaptoberfest. The lack of a meeting was noticed and was an oversight on my part. For future Conferences and Swaptoberfests, a General Meeting will be scheduled to ensure unified communication amongst us.



The Cook Shack received fewer volunteers this time around, but flourished at dinner time as a central point to gather and feast. The new location at the back of the Demo Barn brought cohesion to the event. While the NWBA cannot buy food, we are happy to provide a kitchen space for everyone to cook in. We encourage folks to bring grills, planchas, and crock pots at conferences to cook in. We have an on-demand hot water heater, donated by Peter Clark, for washing dishes and preparing meals. There are knives and serving utensils, cutting boards, bowls, coolers, and a bin full of spices for communal use. A reminder to always bring a mess kit and coffee cup to reduce waste, and while we are all overachieving artisans, your mess kit does not have to be handmade to serve that function.

The website is live! Blacksmith.org is alive once more, thanks in large part to our member Matt Pharr. We have focused on refurbishing the website with event and organization information. Over the next months the other crucial functions of the website will be put in place. Members will be able to renew membership, login to personal accounts, and even make merchandise purchases. The forum is being worked on as well, though it will take more time to build. A reminder that the information from the old website was not lost, and the archive of knowledge from the old site is valued. We will keep you all updated as we find ways to preserve that knowledge, and once again make it accessible to members.

As of January, I will be stepping down as President to finish out my sixth year on the Board in an advisory position. I want to thank you all for being the most welcoming community of artisans I have ever met. It has been an honor serving as your President, and I sincerely thank whoever steps up to this position next.

Cheers, Pele W.



NWBA Members: Share your EXPERTISE!

Hot Iron News is looking for "How To" articles, "Tips & Tricks for the Shop" and photos of your projects to share in upcoming issues of our publication. Don't worry about writing style as we are happy to assist with edits and formats.

Send your material to nwbainfo@gmail.com. If you have questions feel free to contact our Hot Iron News Editor, Patricia Dawson at nwbainfo@gmail.com for assistance.



A Note From Your Editor

Swaptoberfest proved to be a great success filled with excellent sessions and camaraderie. This issue of Hot Iron News covers highlights from the event on pages 12-17. Plans are now underway for the 2025 Conferences with plenty of slots for helpers if you would like to get involved.

NWBA is fortunate to have amazing volunteers. A HUGE thank you to our members who have stepped up to run for positions on the NWBA Board of Directors. Learn more about these individuals on pages 8-9 and be sure to turn in your ballot prior to December 31st. Hats off to Dan Bowyer who once again traveled to NWBA events and generously provided hundreds of photographs for use in Hot Iron News.

Learn more about forging your own belt buckle, a decorative shelf, tree Ornament and Fish Tail Scrolls in the Tips for Your Shop section located on pages 18-27. We would love to include more member projects in future issues of HIN. To share your projects just send a few notes and photos to me at nwbainfo@gmail.com.

We look forward to seeing you soon! –
Patricia

MENTORING CENTER EVENTS

COWLITZ COUNTY FAIRGROUNDS
1900 7TH AVENUE, LONGVIEW, WA

Highlights from Tim Smith's Treadle Hammer MC Demo

Photography courtesy of Ben Loeliger

Earlier this summer we were fortunate to have Tim Smith join us to share his expertise in working with Treadle Hammers. Tim had designed an Oliver treadle hammer he built with readily available materials and a low-cost anvil. He brought his prototype to the Mentoring Center and demonstrated its capabilities to the audience. Tim also discussed in detail how to build your own treadle hammer. Tim's hope is to empower blacksmiths who may not have the funds or space for traditional power forging machinery.

Tim learned blacksmithing at the age of fourteen from his grandfather, forging thousands of nails for shoeing horses. He went on to learn metal fabrication working for a lighting company in Memphis, Tennessee and then spent 17 years working in, and learning architectural blacksmithing which included historical restoration. Currently Tim works with Trackers Earth Portland as the Blacksmith guide offering a variety of courses.



December 14, 2024 Holiday Gifts made at the Forge with Pele Warnock

Pele Warnock will host December's MC event highlighting simple gifts made at the forge. The demo will run from 9am to noon followed by Open Forge for members until 4pm.



Monthly Mentoring Sessions are generally the third or fourth Saturday of each month starting at 9:00 a.m. followed by Open Forge time from 1:00-4:00 p.m. The NWBA Mentoring Center is located at the Cowlitz County Expo Center/Fairgrounds; 1900 7th Avenue, Longview, WA. The events are open to all current NWBA members. A \$20 admission fee is charged to assist with program expenses. Watch our NWBA website for upcoming sessions and plan to attend a future session. Occasionally, the demonstrations are also livestreamed for those unable to attend in person.

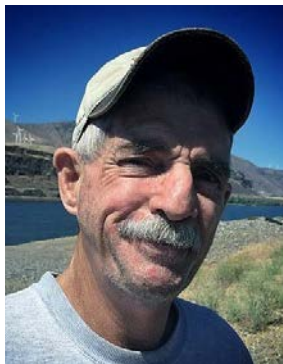
In Memoriam **Rome Hutchings**

It is with deep sorrow that we announce the passing of Rome Harrison Hutchings, 74, of Seaside, Oregon on August 16, 2023. Rome was a talented man who lived a rich life pursuing his passions. Rome was noted for his thoughtful leadership and organization skills which resulted in his role as a National ABANA board member including serving as National President of ABANA in 2009-2010. During Rome's term on the ABANA Board he worked to establish strong professional development experiences for the membership. He also served as ABANA's Librarian in 2007, and Project Coordinator for the National Conference Ring Project on two occasions. For many years Rome resided in Minnesota where he served as one of the founding members of the Central Minnesota Blacksmiths ABANA affiliate. In addition, Rome was a member of the Guild of Metalsmiths and a highly respected teacher of Blacksmithing Basics, Forge Welding and Joinery Basics.

A Lewis and Clark history enthusiast, Rome and his surviving wife, Lori Hutchings, made many trips retracing Lewis and Clark's land and river bound journey to the beautiful coast of Seaside. Rome had a deep appreciation for the outdoors and enjoyed exploring the history of his surroundings.

In addition to his love for history, Rome had a wide range of hobbies. He was an artist, a woodworker, a photographer, and a fisherman. Rome's artistic talents extended to blacksmithing and knife making, where he created unique and beautiful pieces. He had a keen eye for capturing moments through his photography, and his love for fishing brought him joy during the annual summer fishing contest on Big Pine Lake in Aitkin County, Minnesota. Rome was also a dog lover and cherished the companionship of his furry friends.

Rome's passion for the environment led him to serve on the BPLA board and actively participate in events supporting the health of Big Pine Lake. His dedication to preserving the lake and its surroundings showcased his caring nature and commitment to his community.



Beyond his hobbies and interests, Rome was known for his loving and caring personality. He made acquaintances wherever he went and formed strong bonds with friends who shared his passions. Rome's warm presence will be deeply missed by friends and family across California, Oregon, and Minnesota.

Rome's family has kindly bequeathed numerous items from Rome's blacksmith library and shop to the Northwest Blacksmith Association including teaching samples, books, educational CDs, items signed by Francis Whittaker and knife making supplies. The NWBA Estate Committee will work with the Board of Directors to determine how to best utilize the generous contributions in memory of Rome. It is anticipated that some of the collection will be added to our Mentoring Center Library and a few of the shop products and signed pieces will be added to future NWBA Fundraising events. Our thanks to Jon Andersen for working with Rome's family to coordinate moving of the donated collection to our Mentoring Center. Appreciation is also extended to Jim Garrett and Lee Cordochorea for their assistance with the collection management.

Rome is survived by his mother, Sheila Hutchings, his brother Tom Hutchings, his sister Virginia Hutchings, his loving wife Lori Hutchings, and his son Jeremy Hutchings. May his memory be a source of comfort and inspiration to all those who knew him. Northwest Blacksmith Association extends our sincere condolences to Rome's family and friends at this challenging time.

HAPPY 45TH BIRTHDAY

Northwest Blacksmith Association

1979-2024

*Volunteering for the
Future.... We Need You!*

Jim Garrett - NWBA Founding President



The Northwest Blacksmith Association celebrated a milestone this year as we reached our 45th anniversary as an organization. That would not have been possible without the dedication of hundreds of members over the years who were willing to step up to the plate to serve as Committee Members, Board Members and Demonstrators at various conferences and Mentoring Center events.

We have accomplished amazing things over the years and survived many hurdles in our constant effort to fulfill our mission "To promote and preserve the Art and Craft of Blacksmithing while building friendship and good will." For fun, I thought I would share the Blacksmith Gazette article from one of our first Association gatherings. I appreciated the engagement of the membership during the beginning period of our history as noted in the article, which has proven vital for the ongoing welfare of the organization.

Moving forward, we need the continued assistance of you, the members of our Association. Please, consider lending a hand. Whether it be giving a day of your time to demonstrate at the Mentoring Center or assist at an event, giving a few hours each month to serve on one of our committees, or the critical role of serving on the Board of Directors ... We need you. Without a doubt, by volunteering with NWBA you will be surrounded by great people and will have a lot of fun as you help guide the NWBA Association forward into its next 50 years. Please reach out to me at garrettmets@gmail.com or any NWBA Board Member or Committee Chair for information regarding how you can get involved.

Hot Iron News of the Northwest Blacksmith Association



by Jack Slack and Chuck Powell

Second Annual Columbia River
Conference

As everyone who attended knows by now, the 2nd Annual Columbia River Blacksmith Conference was a resounding success. Total attendance was around 100.

We signed up 17 new members at the conference, and there were two more waiting at home. This brings our total to 101! Larry Haskell of Clatsop Community College became our 100th member after inhaling a little coal smoke despite our warning that it was addictive.

We also have our 2nd member from British Columbia, Canada and our 1st member from Alaska.

The Iron in the Hat was a great success, with \$96 for our treasury. Many thanks to all the people who donated.

A business meeting was held, as required by our by-laws. A quorum being present, the following actions were taken:

1. A motion was carried that we spend the money to print and mail out membership lists each year.
2. A motion was made to look into membership cards for discounts on supplies—tabled until next meeting.
3. A motion was carried that all dues expire on April 30 each year. An amendment to prorata memberships was defeated.

4. A motion to allow new members to ride free until May 1, 1981 was defeated.

5. A motion was carried to open the floor for nominations for board members for the next biennium. Those nominated were:

- Darryl Nelson/Terry Carson (1 seat)
- George Rolstad
- Russel Maugans
- Dwight Irish
- Jim Garret
- Chuck Powell
- David Thompson
- Dean Mook/Steve Lopes (1 seat)
- Jack Slack

6. A motion was carried to vote by secret ballot for seven of the nine nominees—at breakfast Sunday.

The new board members are: Darryl Nelson/Terry Carson, George Rolstad, Russel Maugans, Dwight Irish, Jim Garret, Chuck Powell, and Jack Slack.

Board members will meet in the near future to elect officers and discuss Spring Conference. Ideas will be appreciated. We are trying to move our conferences and meetings around so that the same people are not always left with millions of miles to drive.

The November meeting at Fire Mountain Forge has been postponed due to exhaustion. Everyone is about conferenced out. We need more open forges in peoples garages or whatever—volunteers!

Chuck Powell
Sec./Treasurer

Excerpt from the
Blacksmith's Gazette,
November 1980



Board of Directors 2024 Election



Positions are for a two-year term, 2025 & 2026

This year we have five excellent candidates offering time, energy, talent, and organizational skills to the continuity of our Association. There are four positions open, with five nominees and space for a write-in vote. When you receive your ballots, please participate, and vote for the four volunteers you feel best represent what you think the NWBA should become as we grow and move forward.

Ballots must be postmarked no later than December 31, 2024.

CANDIDATE STATEMENTS

Jon Andersen

Hello all. I'm Jon Andersen and I'm excited to be running for a second term on the NWBA Board of Directors. I am a motivated hobbyist and bring to the table a creative, open mind and a positive attitude. My heart is fueled by the fire of keeping the art alive and keeping the blacksmithing community strong. Over the last couple of years, I have learned so much and have met some amazing people. Many of whom kept this wonderful organization alive for 45 years. My goal as a board member is to help bring the NWBA community back together.



Thank you, Jon Andersen

Dan Bowyer

Hello all! I have been a member of NWBA for about 10 years and have been blacksmithing about as long. I find that making furniture is what interests me most. I am retired, and among other hobbies, I enjoy taking pictures. I often take pictures at NWBA events that are then used in The Hot Iron News and on social media. My pictures will be included in the archives for future use. I sell some of my blacksmithing, but also spend time teaching classes and volunteering at museums. Sometimes, my volunteering leads to others choosing to join NWBA. As a board member, I could use my skills to share the craft of blacksmithing with others, including continuing our efforts to attract young people to the art of blacksmithing.



Thank you, Dan Bowyer

CANDIDATE STATEMENTS

Darby Pereira

I am excited to announce my candidacy for re-election as Treasurer on the Board of Directors for the Northwest Blacksmith Association. Over the past 2 years, it has been a privilege to serve in this role and work alongside all of you to support the growth of our association and the craft of blacksmithing. I have worked diligently to ensure accurate financial management, transparency, and responsible planning for the future of our organization. If re-elected, I will continue to build on this foundation, focusing on financial stability and strategic growth to further enhance our programs and initiatives. I am committed to maintaining the values that make our organization thrive and would be honored to continue serving you in this capacity. Thank you for your trust and support.



*Sincerely, Darby Pereira, Treasurer,
Northwest Blacksmith Association*

Scott Szloch

My name is Scott Szloch, I've been involved with the NWBA since 1993. I'm a full-time artist, blacksmith and fabricator specializing in custom architectural ironwork. I also spent many hours teaching at Pratt Fine Arts Center in Seattle. After several nominations and declines I've finally decided to run for the board. I believe in this group and am thankful to all who have given their time and energy to the craft, and I look forward to helping the NWBA continue to thrive. *Thank you, Scott Szloch*



Dave Thorp

I'm excited and honored to run for a position on the NWBA Board of Directors. I came to my first Swaptoberfest in 2018. I went to classes with lots of questions, made friends and discovered the world of blacksmithing was mind blowing! Then came Covid 19 to close our face-to-face sessions which was disappointing, but I was off and going and as soon as the governor let us start meeting again at the Mentoring Center. I've learned so much and made so many friends at NWBA events. I'm retired from my regular job and now I want to do my part to give back to this great bunch of members that work so hard to make blacksmith events such as Swaptoberfest possible. In addition to my work experience, I have some experience in working with events and other groups that I can offer as a Board member. I helped my stepfather put on many car shows for 15 years, doing everything from taking care of the parked cars, the music, announcing, judging and awards. I know I can use this experience to help with whatever needs to be done.



Thank You, Dave Thorp

NWBA Election 2024 Ballots have been mailed!

You should have received yours. If you have not received your ballot please contact Jim Garrett, Election Committee Chair, info@nimbaanvils.com

Please return your ballots postmarked no later than December 31, 2024

Participation at the 2024 Abana Conference

By Peter Reich, 2024 NWBA Al Bart Grant Recipient

Thanks to the NWBA for the Al Bart Grant which helped me attend the 2024 Abana Conference in Johnstown, PA this past spring. Gathering at the old steel mill town, with a lot of steel making history, was a neat location for the conference. Three other NWBA members and I went to the conference, Dan Partin, Bjorn Chambless and Andromeda Jacobson. It was great to have a small group represent the North West at this conference. In this article I will share about the event and some things I learned.

The demonstrations were the main events at the conference. There were at least three going on at once, so I only got notes from the few I attended. There were 12 forges set up for teaching with classes by Mark Aspery and other smiths. Another demo was a national curriculum section where they were demonstrating techniques for ABANA's National curriculum:
abana.org/education/national-curriculum

The first demo I attended was Randy McDaniel's demo about Hydraulic forging presses. He discussed shapes of forging presses H Frame vs C Frame. The C Frame is not as rigid as an H, and can flex, he says that a C Frame gives you more visibility and is better for punching holes. H Frames are not as easy to see around. A tip to make the H Frame easier

to see your work is to mount lights to the press. Randy discussed having the hydraulic cylinders on the bottom of the press which lowers the center of gravity of the press and makes it less likely to tip. In this configuration, the bottom die is the one that moves. For press work, Randy likes tongs with short handles to manipulate the work more easily under the press. A lot of the information covered in his demo is in his book (*Hydraulic Forging Press for the Blacksmith* by Randy McDaniel).



The next demo I attended was conducted by Jennifer Petrila who discussed making different types of hinges. The first was a strap hinge and pintle. Here are some points about making hinges that I picked up from Jennifer's session. An important part of making a good hinge is that the barrel is full round so that it wears evenly, if there is a gap near the weld seam it can rust there or wear unevenly. Jennifer uses 2 drifts, the first drift she uses is for shaping the hinge and the second is for sizing the barrel. When making the sizing drift for the barrel, if done correctly, as she forges the taper, the thickest part of the taper will become larger than the parent stalk giving the clearance needed for the hinge. When clamping the hinge in the vice, just below the barrel, make sure the vice jaws are radiused, you don't want a sharp corner where the barrel meets the strap. If the vice has sharp jaws, make some inserts that are radiused. The scarf weld should go past the first bolt hole for strength. Jennifer uses the hardie tool as a scale scraper, dragging the work across the edge. She also forges from an orange to black heat so that the surfaces are planished and free from forge scale before welding. For making the pintle, she made a tool which is a plate with different size holes in it. This allows the drift or pin of the pintle to be put in the hole and the piece straightened out or the pin welded. She also sets the weld on the body of the pintle just below the barrel in the vice by squeezing at welding heat. The barbs of the pintle are cut on the hardie cold while held at a specific angle.



Jennifer Petrila's Demo Part Two, H hinge. Jennifer says that historical hinges were thin 20 and 16 gauge to conserve material. She used a 3/16 pin for the demo. To make the hinge she has a template and traces it onto the sheet of steel. The shape of the hinges is designed so that they nest together when laying out multiple on a sheet and there is no waste between hinges.



She cold chisels the outline of the hinges and then shears them apart in the vice with a chisel. To make the scarf she bevels the plate cold. To wrap the barrel around she puts the hinge in the vice with a mandrel and bends the barrel around the mandrel. She welds the barrel with a ¼ inch rod in the barrel to keep it from deforming. She sets the weld in a die with a channel in it to match the outer shape of the barrel and provides support underneath the weld. To keep the ¼ inch mandrel from welding to the barrel, she pre oxidizes it in the fire. If the mandrel gets stuck in the barrel after welding, Jennifer bends the ¼ inch rod 90 degrees so that there is a good handle for tongs and twists and wiggles it out. If it does not want to come out, you can heat and quench it and heat it again. In the demo, her mandrel did not come out easily, but she worked it out patiently. When cutting the 2 halves of the hinge, make the total amount of barrel on each side equal so that the side with the top and bottom barrel is equal in length to the side with the middle barrel. Account for the width of the hack saw blade when cutting the barrels so that the finished hinge fits together flush.



Another part of the conference was the gallery. Here are some photos.



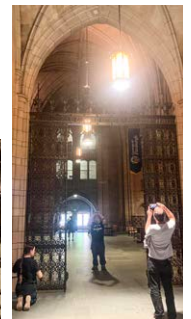
Throughout the weekend, Artem Marshak was demonstrating a sculptural piece. The final two demos I attended were by Patrick Quinn at the Center for Metal Arts. He was demonstrating two different pairs of tongs under the power hammer. Followed by a tour of the Center for metal arts facility. The demo was in the school side of the shop which was very clean and organized.



The pinnacle of the tour was of the industrial forge shop that was part of the Johnstown steel mill. The shop is equipped with multiple very large power hammers. Patrick is in the process of restoring these hammers and the facility. He has restored two hammers and has done work under them, along with a team of smiths required to run these large hammers. The whole place is like a 'Cathedral of Forging.' The Center for metal arts is teaching classes, which from what I saw of the demos and facility were top notch. They also have some cool events. For more details go to: centerformetalarts.org



Finishing the trip, we went to the Cathedral of Learning in Pittsburgh. This is a large building with cathedral-like architecture on the inside, classrooms, and study areas. It is also full of Samuel Yellin Ironwork. Some very impressive work.



NWBA AI Bart Grant

CONTACT THE NWBA GRANTS SUBCOMMITTEE FOR ADDITIONAL INFORMATION AT nwbainfo@gmail.com

The purpose of the AI Bart Grant Program is to provide financial support to NWBA members of all skill levels who would like to develop their blacksmithing skills and share what they have learned with the NWBA membership and the public.

CRITERIA FOR SELECTION:

- Applicants should show a strong desire to increase their skill level and share what they have learned.
- There is a limit of one (1) grant per applicant, per year.

AMOUNT AND TYPES OF GRANTS:

- Maximum of \$300 per class or workshop.
- Grants are not awarded for conference attendance.
- Grants are not awarded for product development.

GRANT RECIPIENT OBLIGATIONS:

Recipients are required to share the results of their learning in the form of one or more of the following:

- Article in the Hot Iron News
- Demonstration at an NWBA conference
- Teaching a Hands-On Class

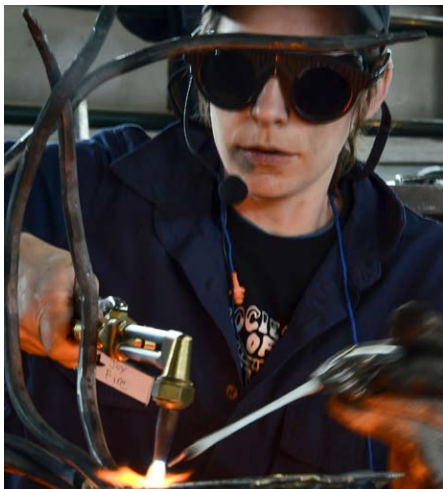
APPLICATION DEADLINES AND NOTIFICATIONS:

- Applicants should submit their applications at least 30 days prior to the class or workshop.
- Earlier applications will have a better chance of acceptance over later applications.

NWBA SWAPTOBERFEST 2024 HIGHLIGHTS

*By Patricia Dawson
Photography courtesy of Jon Andersen,
Dan Bowyer, and Patricia Dawson*

Thanks to the dedication of our Swaptoberfest Conference Committee, Board of Directors, and many volunteers, the 2024 Swaptoberfest Conference proved to be a TREMENDOUS success. It was well organized, educational, and had a great turnout despite the weather! Our Main Demonstrators, Joy Fire and Haley Woodward provided excellent and informative demonstrations addressing numerous questions from the audience as they wowed the crowds with their skills.



Guest Demonstrator Joy Fire provides tips for working with pewter.



Members in Joy Fire's Hands-On session tried their hand at working with Pewter.

The Mentoring Center was headquarters for outstanding hands-on workshops conducted by Joy Fire and Peter Clark with Mark Manley serving as Sunday morning's Hot Tips demonstrator. The Vendor Barn was full all weekend with a variety of shop treasures to carry home to new work benches.

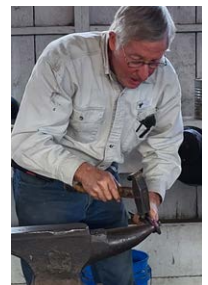


Mark Manley provided excellent information during Sunday's Hot Tips session.



Beginners in Anthony Reich's session were able to use the forge and anvil as they learned the basics of blacksmithing.

Anthony Reich graciously volunteered to coordinate the Beginners Forge sessions and came well prepared with an amazing session for the participants. Anthony's goal was to have every participant in his session walk out of the shop with a ready-to-use product that they made themselves. We were also fortunate to have the well-known NWBA member, Berkley Tack return to the conference to set up a portable shop and share his wisdom in working with coal forges as participants made chains under his watchful eye.



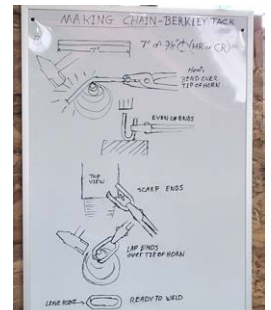
Berkley Tack conducted extensive small group sessions sharing his wisdom for working with a coal forge



Demonstrator, Haley Woodward provided instruction for forging a doorknocker.



Berkley likes to have all his participants spend some time working with coal during his session. He has found making chain links to be an ideal product for his participants to forge.



Hats off and much appreciation to those who supported the Silent Auction by bringing items as well as to those who bid on and bought items in support of NWBA which resulted in a most successful event.

A special highlight of the Conference was Black Smoke Alley which continues to grow in popularity. Thank you, Dan Partin, for chairing the project as this was a huge undertaking. Black Smoke Alley was a place for members to try their hand at working with different coal and wood fired forges as they worked on small projects throughout the evening hours.



Despite the chilly weather, everyone had a wonderful time in Black Smoke Alley trying out the different forges and learning tips for working with coal.



The Mask Competition highlighted great work from our members!

Swaptoberfest Conference also provided time for informal discussions, time at the forge, laughs around the fire pit, opportunities for beginners to learn from the experienced and a chance to pick up a few treasures from the onsite vendors. A round of applause to those who joined the evening Forging Socials, especially those who entered the Mask and Costume Contests!

Without a doubt, there was a lot going on behind the scenes throughout the weekend to keep



Reed Peck-Kriss stepped up to the plate and served as Guest demonstrator Haley Woodward's striker.

the event running smoothly. Our thanks to those who volunteered at the Registration and Merch tables with a special shout out to Darby Perrira and Derek Lanhart for preparing the check-in procedures, organizing merchandise and name badges. Thank you also to Dan Bowyer for capturing the conference demos and group gatherings with his amazing photography skills.

If you missed out be sure to join us for NWBA's Spring Conference in 2025. Watch for details in the next issue of Hot Iron News and on our Social Media sites.



The Trade Barn was filled with a variety of Vendor Booths ranging from tongs and hammers to fresh apples and honey!

It's All About Pewter

*Notes courtesy of Patricia Dawson and
Photography by Dan Bowyer*



NWBA was fortunate to host Joy Fire as one of our 2024 Swaptoberfest demonstrators. For over thirteen years Joy has been working in the field of metal, which was clearly evident throughout her two-day session with the NWBA audience.

After graduating with a BA in art, Joy secured an apprenticeship at an ornamental ironwork company called Santa Barbara Forge and Iron. Joy worked there for several years and then started her own custom metalwork business in Santa Ana, California where she takes on a variety of commissioned work as well as forging her own designs. The pewter water vessel constructed during her first NWBA demo was based off a historic design she had been commissioned to do for the Huntington Museum's Chinese Garden in San Marino, California replicating a Chinese piece from the 1500's.

Highly respected in the field, in addition to the Huntington Museum Gardens, Joy's work has been shown at Hereford College in England, The Metals Museum in Tennessee, and Orange County Center for Contemporary Art, among others. Currently she teaches welding at Orange Coast College, blacksmithing workshops at various locations, and runs her custom metalwork business. Joy also sits on the Governance Committee for the Society of Inclusive Blacksmiths (SIBs), a nonprofit dedicated to increasing accessibility, equity, and diversity in blacksmithing.

Joy began working with Pewter several years ago and thoroughly enjoys the product. Pewter is a metal that has been used for centuries. It is an alloy metal primarily of tin, antimony, and copper with a low melting point between 440-560° F. and casting temperature of 600° F. pending the metal mix. In the past, pewter also included lead, however, that has been phased out of the pewter composition due to its toxicity.

The pewter Joy prefers to use is 92% tin. She indicated that pewter can be purchased for approximately \$25 a pound in either ingots or a sheet pending on how it will be used. Joy prefers to use ingots which she melts down for her projects. She also saves any scraps for future projects. For the Chinese Water Vessel made during her first demo Joy used 3/16" thick pewter she had prepared in advance into a sheet format. She prepared a basic outline of the vessel and cut the shapes as required.



Soldering is generally used as the joinery for pewter. This is done by torch soldering using low-melt solder which melts at approximately 385°. Joy uses a plumbing solder for her pewter joinery (tin/antimony solder) and has found the Smith Little Touch torch with a size 3 tip and neutral flame works well for her projects. The direction of the torch flame is critical and must be directed precisely at the intended seam area. She prefers to use Superior No. 30 Supersafe™ Soldering Flux Paste available at

www.hnflux.com for approximately \$17.50 per four ounces. She noted only a slight amount is needed on the work area and that this specific flux cleans off easily. One must work quickly as it takes very little time for the solder to adhere, and it is easy to burn through the pewter if not paying attention.



other and are then cut with a hack saw. The handle is attached by filing a flat spot on the vessel body to make a flush point for the seam.



As Joy attached the spout and later the base to the vessel, she stressed the importance of moving from spot to spot around the circumferences when soldering place rather than starting at one point and simply moving in a circle as this action can warp the base.



Joy finds the use of a post vise to be handy resource in her shop when fitting her seams. She noted that one must take care as Pewter easily picks up marks such as from the swage block. Generally, she noted the marks can be worked out of the project during the finishing phase.



Joy tries to blend in/or feather as she solders the joint. It is important to work the solder completely into the seam area for a smooth appearance and also to create a water tight vessel. Upon completion of the seaming Joy noted she can file seams for a smooth surface as needed.

The handle for the garden watering vessel was prepared by cutting circles which pass each



NWBA appreciated Joy's willingness to share her expertise with our membership. Her attention to detail, love of the craft and professional approach to the business was an inspiration for all in attendance. For more information about Joy visit her website at www.joyfireblacksmith.com

Basic Forging Techniques for a Heavy Door Knocker

Photography by
Dan Bowyer

Those in attendance for the Friday and Saturday afternoon sessions of Swaptoberfest were provided with an extensive demonstration from Haley Woodward covering steps to forge a heavy doorknocker.

Haley started working with metal as an undergraduate before moving to Austin, Texas, focusing his time on learning blacksmithing at Austin Community College (ACC). While in Austin and attending ACC, Haley worked in residential construction as a welder, and helped found the metalworking collective, The Austin Metal Authority. In 2014 Haley finished his graduate degree from SIU Carbondale and returned to Austin where he now runs the blacksmithing program at ACC and maintains his own studio practice, focusing on forged sculpture and utilitarian objects.

Haley shared that he enjoys working with a mix of mechanical forms and joinery with room for experimentation. He noted that as a blacksmith, steel, iron, and brass give him a palette of colors, textures, and physical properties to utilize. They are complex, rewarding materials that he continues to evolve with as a metalworker.

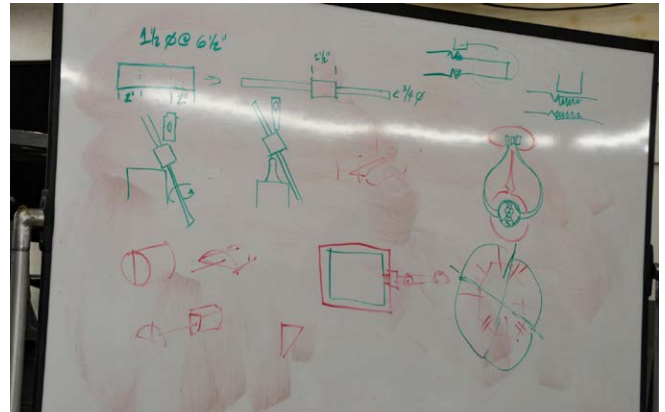
Tip: Haley organizes the tools in his shop with a unique color for each dimension (Red = 3/4"; Blue = 3/8" etc.) which he has found helpful to maintain efficiency while working and creating in his shop.

Highlights from Haley's session are shown in the following photo essay.



Door Knocker Supply

- Stock: 1 1/2 Round by 6 1/2



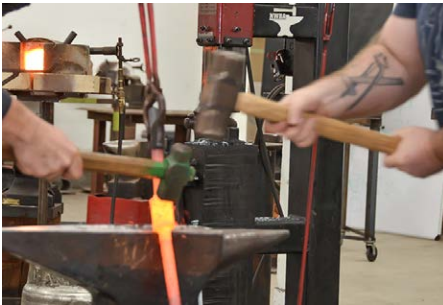
Phase One

Mark center 2 1/2 of stock which will be the door knocker's knob. Proceed to draw out length on each side of the center marked area to create the knocker's handles.



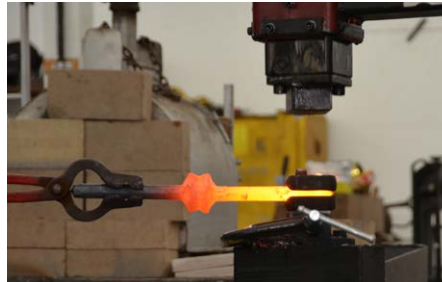
Phase Two

Enhance the center knob with decorative markings for character then fine-tune shape of the center knob for an attractive and balanced appearance. Our appreciation to Reed Peck-Kriss who served as the striker for this process.



Phase Three

After Hayley was pleased with the appearance of the center knob he proceeded to work with the door knocker's handles. This included bending the handle arms into a uniform arch utilizing a jig for shaping purposes and then confirming overall balance in the product. A 3/8" hole is punched at the end of each handle arm for connection step.



Phase Four

After completion of the knocker body Hayley moved on to construction of the back plate designed to be compatible with the respective door knocker front piece and appropriate for mounting purposes.



NWBA appreciated Haley's willingness to share his expertise with our membership. His love of the craft was an inspiration for all in attendance. Learn more about Haley at www.haleywoodward.com

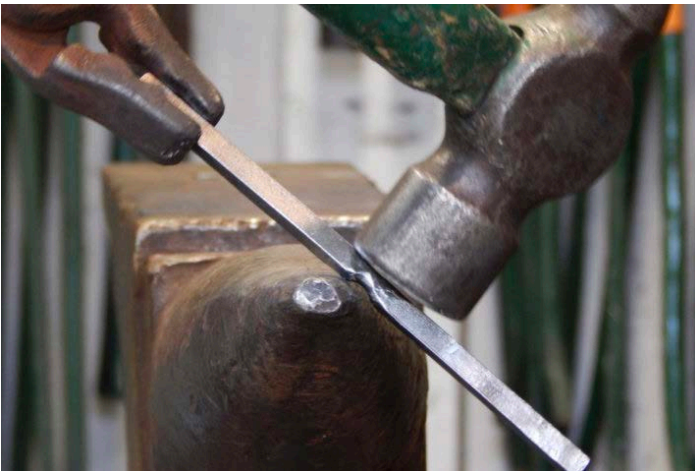
Forge a Twisted Belt Buckle

Tips
FOR
YOUR
Shop

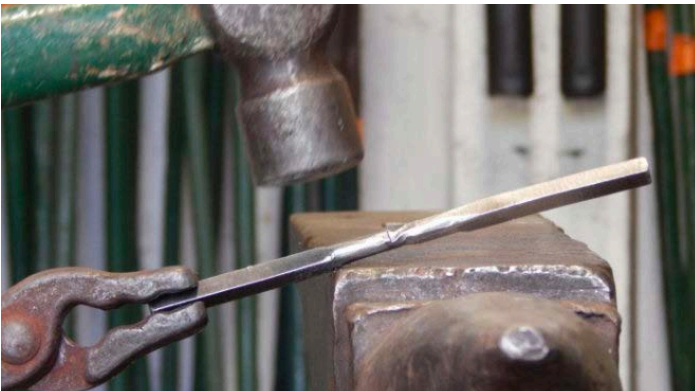
Gary Standke, West Hills, CA

You are a blacksmith. To show off your skill to your family, friends, classmates, and coworkers in the real world you want something to carry with you. My students find a belt buckle works great for all of those times you need to awe people. Here is the simplest belt buckle I could come up with, which is all forged.

Starting with 6" of $\frac{1}{4}$ " stock, indent the middle down to a bit less than $\frac{3}{16}$ " round.



Then move the indentation $\frac{3}{4}$ " in from the edge of anvil and round the material on either side of the original indentation. This gives you $1\frac{1}{2}$ " of rounded material which fits into most belts quite well. Some belts will only accept $\frac{3}{16}$ " diameter of the bar, so you may need to narrow the material as well as rounding it.



Now point the ends of the material and draw them out for a final distance of 4.5" from the middle for a total length of 9".



Curl the ends to make loops about $\frac{1}{4}$ " to $\frac{3}{8}$ " in size.



We now need to bend the frame up from the bar. I usually bend the first side over the edge of the anvil and then go to a piece of $1\frac{1}{2}$ " thick material (used as a mandrel) to bend the other end. Work to keep the indentation of the middle of the material in the center of these two bends.



TIPS FOR YOUR SHOP: TWISTED BELT BUCKLE

Next comes the twisting of the arms. To create an equal twist in tapering stock, you will need to grab the stock at 4 equal distances up the arms. If you just grab the end, that is all that will twist as it is so thin. Heat the material, grab the bar in the vise, grab about ¼ of the way up one arm with the tongs and give a ¼ twist.

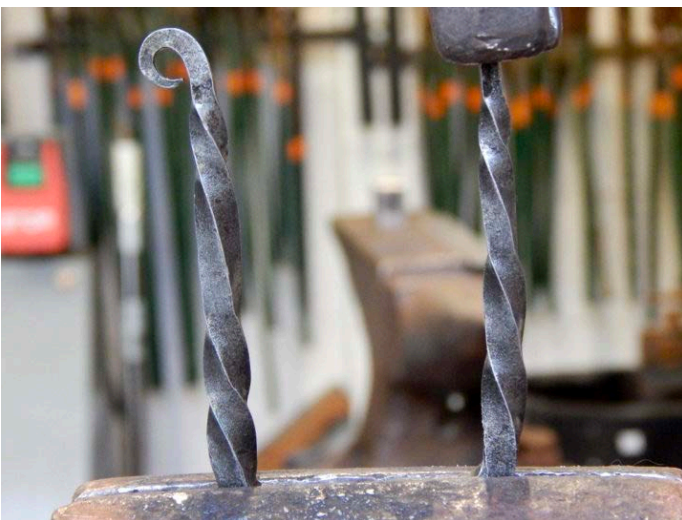


Then grab up another quarter and give another ¼ twist.



Twice more and you have a full twist, evenly spread through the arm.

Repeat on the other arm. You can twist both arms the same or opposite directions, as you wish.



Now, the trickiest part of all of this is bending the ends of the arms to overlap and then twist together.

Heat the material, grab the bar, take this to the 1 ½” thick mandrel you used earlier, and bend the last 1 ½” of the arms over each other. To prevent crushing the loops you made earlier, quench them first.



Reheat the material and using needle nose pliers or scrolling tongs, bend the arms you just overlapped down, over, and up their respective other sides.

Lastly, decide which side looks the best and put a 1/8” indentation in the middle of where the arms overlap for the prong to rest. If you made the 1/8” slot punch for the Level 2 CBA program, it works well. If not, just grind off the edge of a chisel and it will work fine as the fuller.



Continued on Page 20

The prong is made of 1/8" material. Heat one end and put in a 1/4" bend.



Then reheat and wrap it around the bar.



The prong needs to be pushed into the buckle; a few taps with a ball peen hammer works well.



Trim the prong to length.

File and sand the entire back surface of the buckle smooth so it will not tear up the belt (guess how I learned this).

A hot wax finish which works quite well.

If you are looking for what leather belt will fit this buckle, an Amazon search with the title "Leather Belt Full Grain Snap on Strap 1 1/2" Wide" will give you some options for purchase or ideas if you want to make your own.



Editor Note: Our grateful thanks to the California Blacksmith Association for sharing content from their May/June 2022 online issue, Mike Mumford, Editor.



Tips
FOR
YOUR
Shop

TIME TO HANG IT UP!

By John Steel and Chris Holt

Forging challenge: Make the hooks with ball ends the same length.

When a good friend retires from a lifelong stressful job, it is a special occasion. By now, they have accumulated all the “stuff” they need and are on their way to a free and easy lifestyle. It is now “time to hang it up”, but also get ready to enjoy more interesting activities. They may just want to grab their hat and go! Make it easy for them with this contemporary city scape, custom coat rack; it is the perfect gift to commemorate the retirement day!

At Steel Welding, we have lots of pieces/parts left over from previous projects. They are just too good to recycle. Check through some of your cutoffs you may have in your shop for similar material. Textured bar works well for this project. This pattern was done on a power hammer using two lengths welded together (back to back) and run cold through drawing dies. You might have hammered material or textured material using a hand hammer, or severely rusted and pitted metal, all will work just fine.

Materials:

- Pieces/parts of flat metal bar with texture
- Rivets
- Round stock for four hooks, we used Allan Kress' 3/4" closed ball dies
- Lag screws with decorative heads (we attached rivet heads to lag screws, and ground two slight flat sides for mounting)



How To:

1. Gather your pieces/parts of like material and decide on approximate length of finished coat rack.
2. Mark off 16" Center so you know where you need to place your lag screws for mounting on wall.
3. Layout- Move your parts around, try different combinations until one seems reasonable. Try different lengths next to one another. This hat rack has four hooks, 7" apart on two levels.
4. Add your touchmark, date and year on your work, this makes it much easier than doing it later! Since four people gave this gift, initials were placed on the flattened disc on each hook.
5. When you have achieved a pleasing design, trace around the parts and figure out where hooks will be placed and avoid the mounting lag screw sites, this is important. Walk away, go cut the grass, shovel snow, have lunch, stack firewood for about 45 minutes. Return to shop and revise your design. Do you still like it, is there something that looks “wrong”, is something too close together? Adjust.
6. Drill or punch holes in pieces that will hold the lag screws. Drill or punch holes for rivets. Make sure all sections are straight and true. Replace parts on drawing as you work on each piece or you will forget where it goes!
7. Weld together on back.
8. Forge out hooks, makes sure they are of some substance. This coat rack design is a strong statement, you want hooks to look substantial.
9. Attach hooks, apply finish and clear coat.
10. This gift will be used rain, snow or shine....a memorable gift!

Editor Note: Our grateful thanks to the Pittsburgh Area Artists Blacksmiths Association for sharing content from their November 2020 publication. Chris Holt, Editor.

Christmas Tree Ornaments

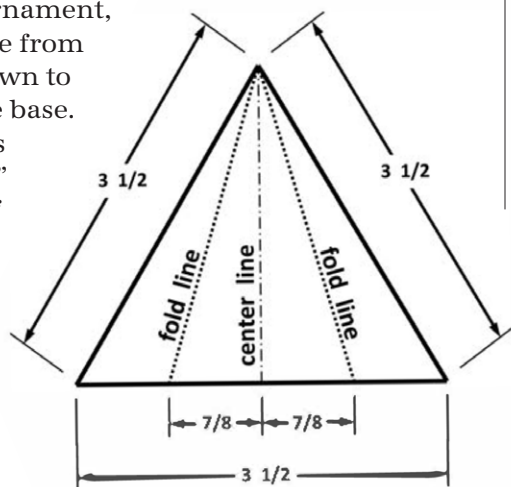
By Steve Anderson, MABA member
Pictures & write-up by Steven Spoerre



The decoration of the tree and starry sky was a fold forming exercise. The 1.8 ounce ornament on the right is lighter material and has the background removed to reduce its weight.

On a 3" strip of 16 gauge sheet steel, lay out an equilateral triangle with 3-1/2" sides. Chisel, saw or shear the triangle from the strip, then clean up and straighten the edges with a file.

To lay out the ornament, drop a centerline from the top point down to the center of the base. Make two marks on the base, 7/8" on either side of the centerline. Drawing lines from the top point to the two marks determines the fold lines.



Bend the two outer edges back along the fold lines, first to 90 degrees. The first bend can be done between the vise jaws. Using angle iron jaw inserts gets a crisp, straight bend. The first side can be bent all the way over at this point, but you may have issues with backing the entire length of the second bend. Getting a crisp, straight bend up by the point is difficult.



So, for the second bend use a wedge shaped spacer to get in close to the top point. The process is the same as bending a collar in the vise and using a spacer to bend the second leg.



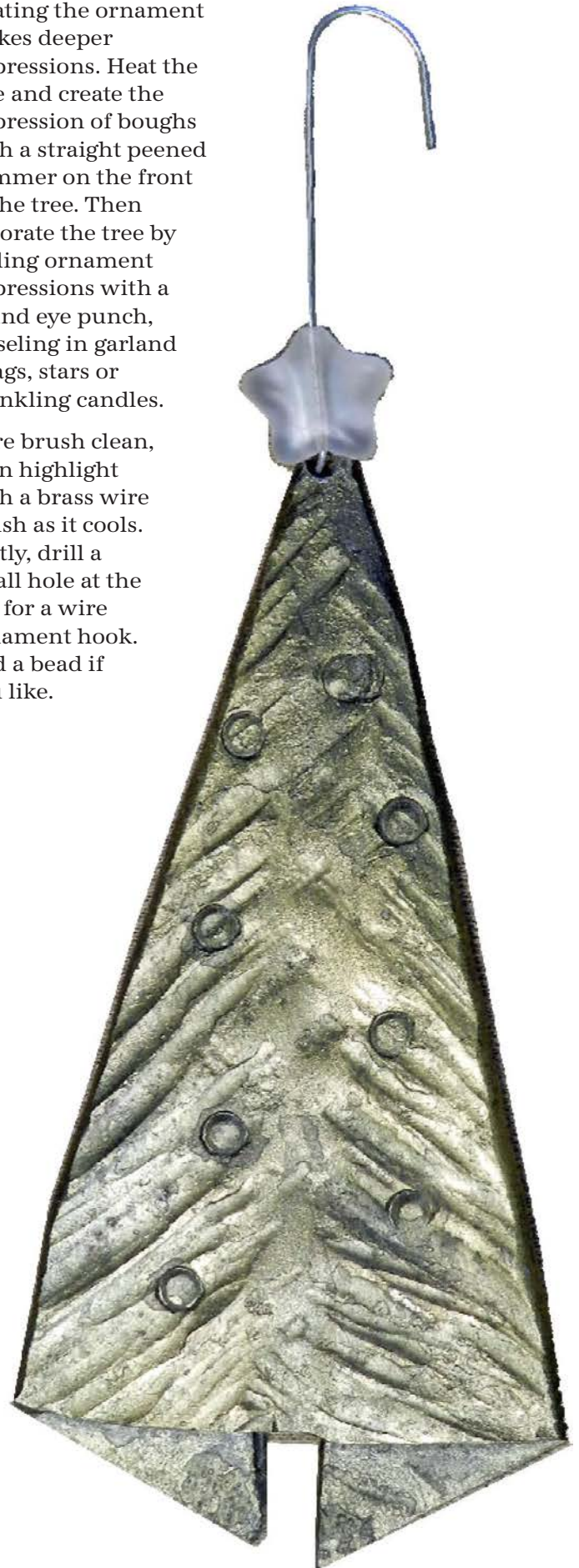
Progressively hammer the sides down onto the back of the tree, using a wide flat chisel and the anvil's step to work against. Work the material to have a smooth transition at the point.

Flatten the tree on the face of the anvil. Using 16 gauge or thicker material allows deeper impressions to be made in the next step, and swell along the edges to look more like boughs.



Heating the ornament makes deeper impressions. Heat the tree and create the impression of boughs with a straight peened hammer on the front of the tree. Then decorate the tree by adding ornament impressions with a round eye punch, chiseling in garland swags, stars or twinkling candles.

Wire brush clean, then highlight with a brass wire brush as it cools. Lastly, drill a small hole at the top for a wire ornament hook. Add a bead if you like.



Fishtail Scrolls

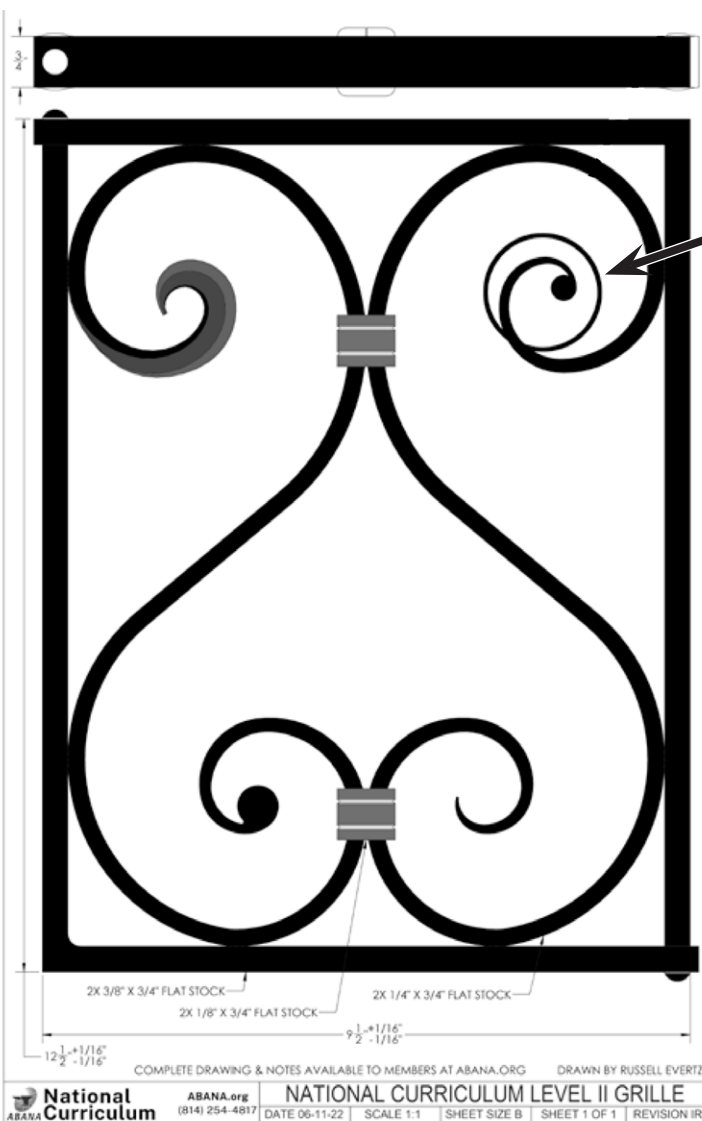


John West - California

There are a number of ways to forge the fishtail scroll depending on the desired result. The first thing that I want to point out is that wide scrolls have a tendency to reach out and touch anybody walking too close to the ironwork.

Picture expensive clothing snagged or torn in the sleeve! That can ruin a nice day quickly.

I like to see these types of scrolls above head height, or flat against a wall.



If you're practicing for the CBA/ABANA level -2 grille, the first thing to do is to make a test piece.

Place a datum center punch mark some distance back from the end being forged.

In this case, I'm making the scroll finial from $\frac{3}{4}$ -inch by $\frac{1}{4}$ -inch flat bar, and I'm placing my datum 6-inches back from the end of the bar.

When measuring the scroll on the CBA/ABANA provided drawing, take care to measure all the way to the tip of the scroll, measuring along the centerline of the scroll on the drawing.



A fishtail scroll

The drawing shows a close-ended scroll, and can easily be mistaken for a small, solid, snub-ended scroll.

I measure from the bottom inside edge to midpoint within the frame and draw a horizontal line through both scrolls - marking the middle of the scroll.

But, if I were making those scrolls, I'd want the straight section between the two finials to be slightly thicker than the material needed at the finial.

In the case of the drawing shown, it doesn't matter, as the scroll stock is a continuous $\frac{1}{4}$ -inch in thickness.

Getting that thicker material centered means finding the middle of the 'S' scroll and measuring out to each end in turn to get a length of stock shown on the drawing.

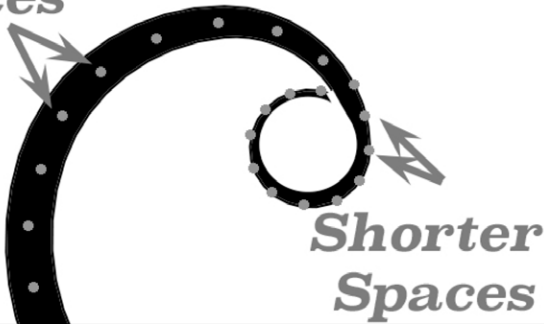
TIPS FOR YOUR SHOP: FISHTAIL SCROLLS

By conducting a test piece with a datum, you can work out how much the bar grows, shrinks or remains the same per different finials.

Using a pair of dividers set to ½-inch, and starting from the mid-point in the scroll, step out the number of ½-inch gaps there are from the mid-point until very close to the finial.

Stop at a round number.

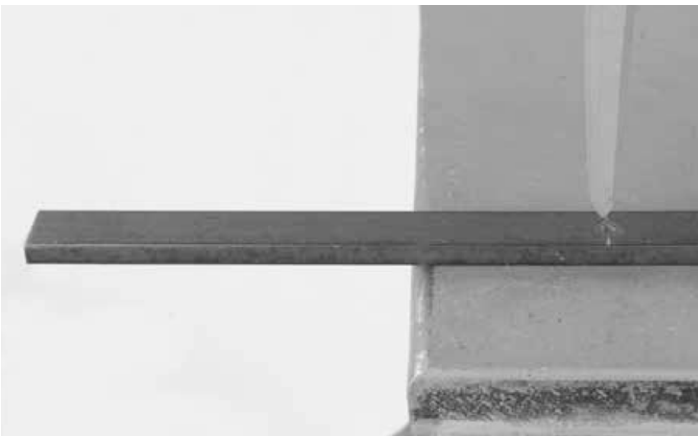
Larger Spaces



Use dividers to 'step-out' the length of the scroll, larger forged section of the bar. spaces for gentle curves and shorter spaces for tight curves

Re-set the dividers to ¼-inch gap and continue to step out the outside edge of the scroll until you get to the tip of the scroll. By adding the two distances together, you know how much material is needed to create the scroll once the finial is forged.

Hold the bar flat on the anvil with one corner pointing roughly away from you. Use the cross peen of your hammer and working from the middle of the bar, draw down that corner.



Create a datum point sufficiently far back from the end of the bar so that it does not get forged

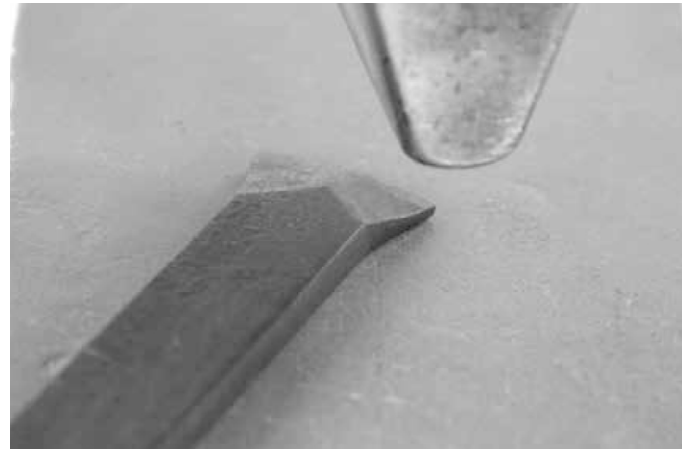


With the bar held at a 45° angle, corner away from you, pull out one ear with your cross peen

You probably need to take another heat, and again place the bar flat on the anvil, but this time have the unforged corner pointing towards you. Draw down that corner.

I take both corners down to a fat ⅛ inch.

You should be left with a cleft at the end of the bar and a ridge running down the middle of the forged section of the bar.



Extend your tong hand so that the unforged corner is facing you, pull out the second ear



Both ears spread leaving a concave end and a ridge of material between the ears

Continued on Page 26

Using the flat face of your hammer, held at a slight angle (to forge a shallow taper), strike on the center ridge.

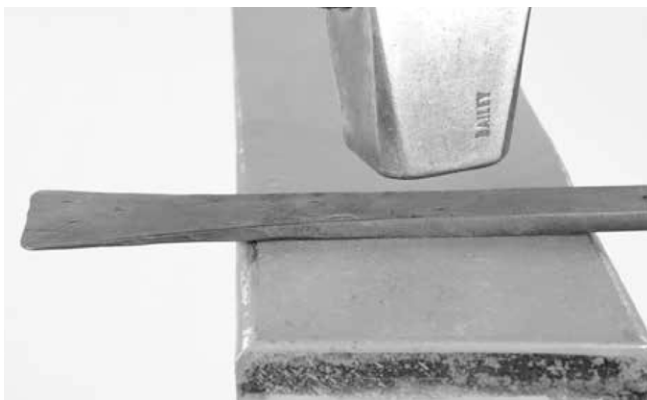
The material stored in the ridge will be forced out in all direction, filling in the cleft at the end of the bar and spreading the two corners out wider than they were.



Holding your hammer at a slight angle, flatten the ridge-line located between the two ears

Stay with the flat face of your hammer and move up the bar, creating a pleasing taper to the scroll finial.

That word “pleasing” is very subjective, mine measured 5½-inches from the tip of the scroll to the transition to the parent bar (not to the datum) Your mileage may vary!

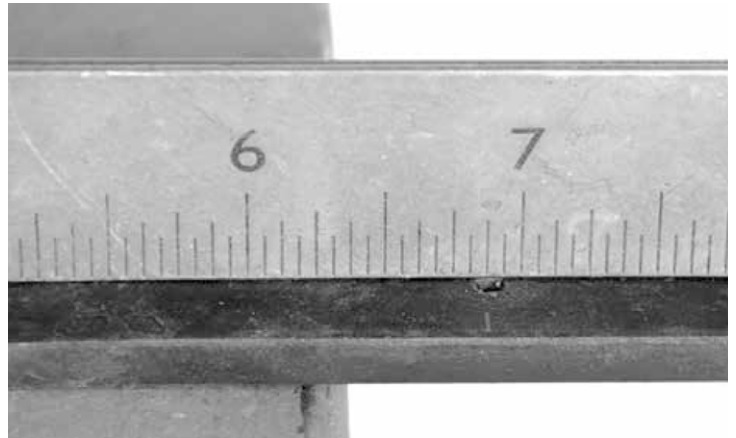


Extend the taper until you like what you see

Measure the length of the bar from your datum to the end of the taper. Mine measures 6⅞ inch – my bar grew ⅞ inch in forging the finial.

I can subtract that measurement from the length of the material shown on the drawing that you stepped out with your dividers.

Dress the edges with a rounding hammer, or very carefully with your flat faced hammer.



My original 6" mark now measures 6⅞". I'm going to deduct the ⅞" growth from the drawing measurement



Take care when dressing the edges as they are concave and can easily be damaged. Consider using the bick

As you cross-peened out the tip of the finial and used the flat face to create the taper, the edges will be slightly concave and not straight.

Now is the time to center the finial on the bar if it is a little off to one side.

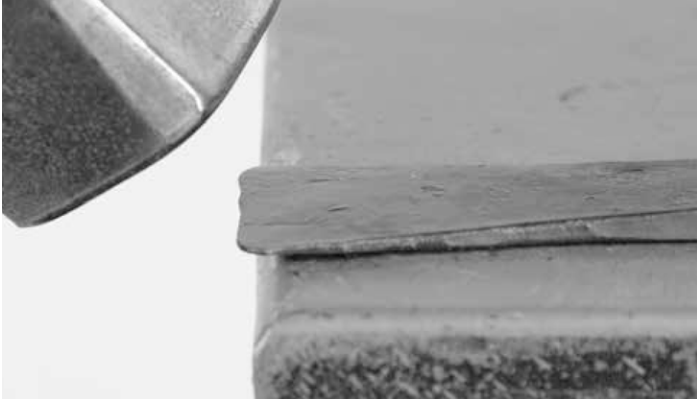
The end should be somewhat flat and perpendicular to the centerline of the bar.

If that's not the case with your finial, a little hot rasping should put you back in the game.

Hold the tip of the finial about ¼ -inch out from a soft, offside edge and brush the stock with the flat face of your hammer as you slowly feed out more stock.

TIPS FOR YOUR SHOP: FISHTAIL SCROLLS

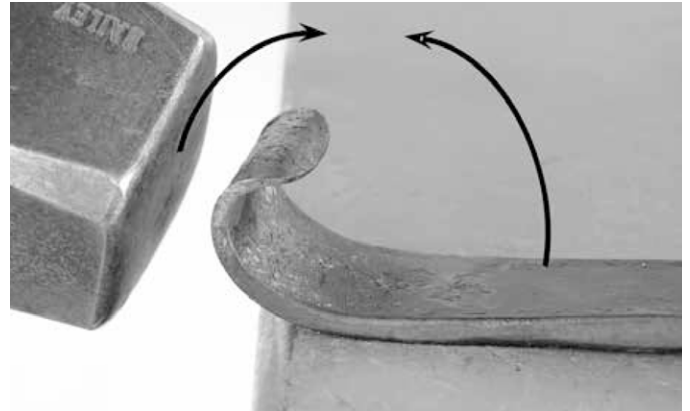
The tip of the scroll should stay very close to the side of the anvil. If the tip starts to hang out in space, you're either not bending it enough with each hit, or you're feeding out material too fast... or a combination of the two.



With $\frac{1}{16}$ " of material overhanging a soft offside edge, slowly feed the stock out as you brush it with your hammer

Hitting the same spot twice or not moving the stock creates flat spots on your scroll.

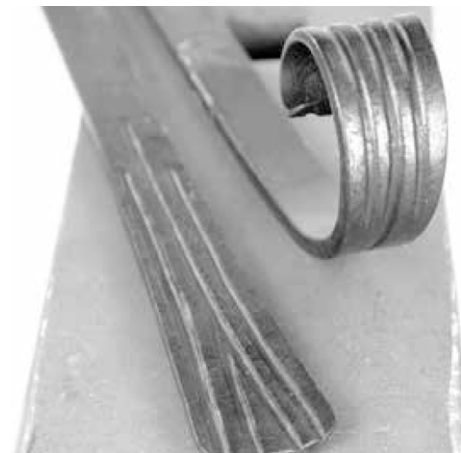
Only work the stock when it has a good heat, allowing the shape to flow into position. Working a bar that is too cold will create corners or kinks – not what we want in this case.



At some point bring the scroll back to the face and continue to work. Lift the hammer and stock as you work



The end of the bar should stay fairly close to the side of the anvil as you feed the stock out and work



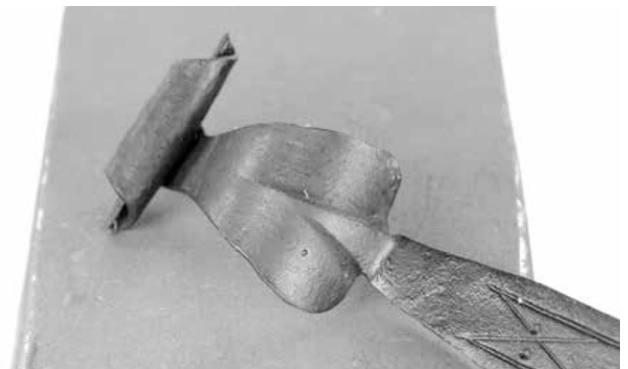
Some fullered lines can add a nice detail to a scroll finial

Once you have something that is just over $\frac{1}{2}$ of a circle, bring the stock onto the face of the anvil with the finial uppermost.

Work near the offside edge as you roll the scroll up using the same brushing blows.

Try not to hit the same spot twice or hold the bar in the same plane on the anvil.

Start with the hammer and the scroll at 180° to each other and lift both your hammer and the scroll towards being vertical as you work.



A fish tail finial on a wall mounted application

Editor Note: Our grateful thanks to the California Blacksmith Association for sharing content from their Jan/Feb 2024 online issue, Dennis Dusek, President.

Blacksmithing Schools Around the Northwest

ANVIL ACADEMY

305 N Main St,
Newberg, OR 97132
W: anvilacademy.info/
E: admin@AnvilAcademy.net
Ph: 503.538.8123

Offering instruction in basic and advanced blacksmithing and knife making

BRIDGETOWN FORGE

1812 North Columbia Blvd.
Portland, OR, 97217

W: www.bridgetownforge.com
E: arnon@bridgetownforge.com
Ph: 503.804.1524

New classes are being developed on a continuous basis, and classes to be offered in near future include: power hammer work, forging a cleaver, forging a sushi knife, hammer-making, and axe-making.

CASCADIA CENTER FOR ARTS & CRAFTS

P.O. Box 75
Rhododendron, OR 97049
W: www.cascadiaart.org

Blacksmithing, Visual Arts, Painting & Drawing, Photography, Fiber Arts, Glass, Jewelry

DAVID LISCH

Yelm, WA
Web: DavidLisch.com
Email: info@davidlisch.com

Knife making and blacksmith classes

DIY CAVE

444 SE 9th St. #150
Bend, OR 97702
W: diycave.com
E: info@diycave.com
Contact: Jim Lovelace
Ph: 541.390.0224

Offering instruction in basic and advanced blacksmithing and knife making

If you would like to list your blacksmith school here, please send your information to nwbainfo@gmail.com

FIRE ARTS BLACKSMITHING SCHOOL

La Grande, OR
Peter Clark, Founder
W: northwestskilletcompany.com/education/blacksmithing-school

Goal of each class will be for students to learn fundamental blacksmithing. Half and 3-day sessions.

FIRE HORSE FORGE

David Tuthill, Owner/Instructor
1415 NW 49th Street
Ballard, WA 98107
W: www.firehorseforge.com/classes/

Knife making, axe making & more!

FRASER RIVER FORGE - THE GERMAN-CANADIAN BLACKSMITH SCHOOL

Vancouver, BC, Canada
Ph: 778.991.2707
W: fraserriverforge.com
E: classes@fraserriverforge.com

Taught by a professional blacksmith, trained and certified in Germany. We offer 8 hr. classes in beginning, intermediate, advanced, and professional levels of forging on German pattern anvils including power hammer use, team striking, tool making, decorative iron sculpting, and working with coke forges.

NEW AGRARIAN SCHOOL

990 McCaffery Road
Bigfork, Montana 59911
W: newagrarianschool.org
Ph: 406.837.4208

Instructors include: Jeffrey Funk and Haley Woodward

OLD WEST FORGE

PO BOX 2105
White Salmon, WA 98672
Contact Tim Middaugh:
E: tim@oldwestforge.com
Ph: 509.493.4418

We teach beginning, intermediate and advanced blacksmithing with an emphasis on tool making, joinery and artistic expression. Current classes are listed at www.oldwestforge.com

PAST LIVES MAKERSPACE

2808 SE 9th
Portland, OR 97202
W: <https://www.pastlives.space>
E: metalshop@pastlives.space

Individual instruction, basic and advanced blacksmith and bladesmithing classes.

PRATT FINE ARTS CENTER

1902 South Main Street
Seattle, WA 98144
W: www.pratt.org/
Ph: 206.328.2200
Fx: 206.328.1260
E: info@pratt.org

RASHELLE'S FORGE

Portland, OR
Ph: 360.901.1365
E: rashellesforge@yahoo.com

Basic to intermediate blacksmithing & bladesmithing. Private 1-2 person lessons tailored to individual needs.

THORNE METALS STUDIO

13751 Daybreak Ln
Anacortes, WA 98221
Ph: 360.293.8257
W: thornemetals.com
Current classes listed at learnblacksmithing.com

YAMHILL VALLEY HERITAGE CENTER

11275 SW Durham Ln.,
McMinnville, OR 97128

Located South of McMinnville on Highway 18 at the intersection of Durham Lane
Ph: 503.472.2842
E: events@yamhillcountyhistory.org
W: www.yamhillcountyhistory.org/yamhill-valley-heritage-center

EDITOR'S NOTE: As a 501(c)3 non-profit organization there are limitations in how we are allowed to 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.



Northwest Blacksmith Association

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

2025-2026 MEMBERSHIP REGISTRATION FORM

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

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

RELEASE OF LIABILITY

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

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

Nevertheless, in full knowledge and understanding of the above risks, hazards, or dangers, I freely, voluntarily and knowingly agree to assume those risks. By my signature below, I hereby agree to assume all responsibility for myself and my property and hereby release and discharge Northwest Blacksmith Association, NWBA; 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, your website user account will be updated to allow member privileges only if you use the same email address as the one used to register on the website.)

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

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

DUES ARE:

\$60 in U.S.A.

\$70 outside U.S.A.

New Member

Renewing Member

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

Advertising in the Hot Iron News

A publication of Northwest Blacksmith Association

ADVERTISING POLICY

We are now accepting ads for publication in the Hot Iron News for the upcoming SPRING 2025 Issue. See below for the pertinent information.

Advertising space is very limited in each issue and is available on a first come first serve basis

UPCOMING ADVERTISING SUBMISSION DEADLINES:

COPY DEADLINE DATE	DISTRIBUTION DATE
February 1, 2025	March 15, 2025
May 1, 2025	June 15, 2025
August 1, 2025	September 15, 2025
November 1, 2025	December 15, 2025

ADVERTISING RATES Black and White Display and Classified Ads

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

DISPLAY ADS:

AD SIZE	COST PER INSERTION		AD DIMENSIONS
	1 issue	4 consecutive issues	
Full Page	\$175	\$157	7.5" wide x 10" high
2/3 page	\$125	\$112	7.5" wide x 6.5" high
1/2 page	\$100	\$ 90	7.5" wide x 4.875" high
1/3 page	\$ 75	\$ 68	7.5" wide x 3.25 " high
1/4 page	\$ 60	\$ 54	3.625" wide x 4.875" high
1/6 page	\$ 40	\$ 36	3.625" wide x 3.25" high

All display ads need to be submitted digitally to the Editor, Patricia Dawson at nwbainfo@gmail.com by the deadline and print ready in one of the following file formats: PDF, Adobe Photoshop .tif or .jpg, 300 dpi for best resolution.

Payments should be made payable to **Northwest Blacksmith Association.**



AD ORDER

CONTACT NAME _____

COMPANY NAME _____

BILLING ADDRESS _____

CITY/STATE/ZIP _____

EMAIL _____

PHONE _____

TOTAL AD COST \$ _____

AD SIZE

- Full Page
- 2/3 Page
- 1/2 Page
- 1/3 Page
- 1/4 Page
- 1/6 Page

PUBLICATION DATES

- March 2025
- June 2025
- September 2025
- December 2025

Email to: Patricia Dawson, Editor at nwbainfo@gmail.com
 or Mail to: Patricia Dawson, Editor 318 NW 5th Street; Pendleton, OR 97801

ATTENTION MEMBERS! Are you receiving our informative monthly email announcements? Sign up online: <http://blacksmith.org/sign-up-email-announcements/> Get the up-to-the-minute details of NWBA events and news.



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796 W. 13th Ave. Eugene, OR

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Sat. April 12th 7am-8am set-up. 8am-5pm open to the public.
Sun. April 13th 8am-9am set-up. 9am-3pm open to the public.



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FOR SALE: HAMMERS & AXES. Private Lessons-Basic to Intermediate Blacksmithing & Bladesmithing. Contact: Rashelle Hams 360-901-1365 or rashellesforge@yahoo.com for prices and availability.

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ADVERTISING SUBMISSIONS

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318 NW 5th St. Pendleton, OR 97801
Email to: NWBAinfo@gmail.com

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Hot Iron News



www.blacksmith.org

A publication of the Northwest Blacksmith Association

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Our Fall Swaptoberfest Demonstrators were Fantastic!



Joy Fire



Haley Woodward



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