

The Forum



March 2016

Vol. 18, No. 3

Molten bronze!

The Guild of Metalsmiths was privileged to watch an actual bronze pour at Macalester College during our February 10 membership meeting. We met in the Fine Arts building and pretty much took over the metal studio part of it. The instructor, Stan Sears, welcomed us and watched over his students as they readied the furnace, melted the bronze, donned their protective garments, poured the molten bronze into the crucible, and then poured bronze into the designated molds. We sincerely thank Professor Sears for sharing this fascinating opportunity to watch, learn, and be awed!

And then check out page 4 to see if you're interested in registering for an actual bronze pour class via TGoM instructors!



Macalester College instructor Stan Sears describes to TGoM members what will happen in this rare opportunity to view an actual bronze pour.

The bronze pour at Macalester College...



Macalester College students, 2-year graduate Samantha Leopold (2nd from left), and Professor Sears prepare for the pour.



Beginning Blacksmithing B Class graduates, 2016



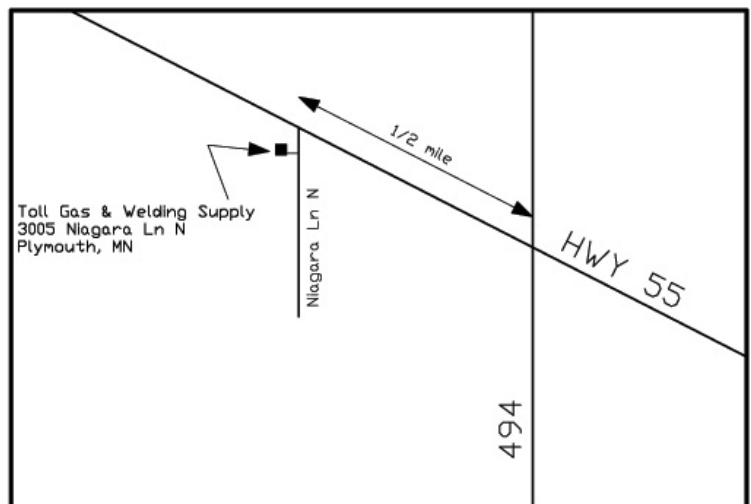
Participants in the 2016 "B" Beginning Blacksmithing class (left to right) Duncan Wenzel, Raymond Wenzel, Andrew Hogetvedt, Logan Towle, Rick Marnholtz, Anthony Davis. Not pictured: Jos & Jim Jaworski, James Goodall

Next TGoM membership meeting Wednesday, April 13

The next Guild of Metalsmiths membership meeting will be held at Toll Gas and Welding at 3005 Niagara Ln N in Plymouth (map below). Guild member and Toll employee Bryan Steckmann promises that staff will be on hand to show off all their new welding "toys," as well as having tables of items available for purchase.

Plan now to attend this next meeting. Potluck begins at 6:30 pm, followed by the business meeting, show and tell, and then the opportunity to browse through the welding equipment onsite.

If you have questions, please contact **meeting champion John McDonald** at 651-437-5347. See you then!



Our neighborhood of smiths

The Guild of Metalsmiths (TGoM)

All membership meetings are the second Wednesday of February, April, June, August, and October, except December. For these meetings a potluck meal begins at 6:30 pm and the business meeting begins at 7, with a demonstration or activity starting around 8 (times approximate). To check your membership expiration date, see the mailing label on your latest copy of "Metalsmith."

President: Martin Pansch Vice-President: Rick Wessling
blacksmithingyeti@gmail.com rgwessling@gmail.com
612-599-4762 612-875-4420

Our website is: <http://www.metalsmith.org>

Badger Blacksmiths meetings

Our contact information is as follows:

President: Jared Riesenweber Newsletter editor: John Grump
715-983-5637 715-835-0894
tudweber@hotmail.com johngrump@att.net

Lake Superior Metalsmiths

Lake Superior Metalsmiths (LSM) meet the fourth Saturday of the month. Potluck at noon with meeting to follow.

Contacts are:

Charley Brown, President, CharleyRB@charter.net, 218-428-7906
Dave Hanson, Vice-President, Daveforge1@aol.com, 218-721-4572

Northern Minnesota Metalsmiths

The NMM meets the first Monday of the month at Lake Itasca Region Pioneer Farmers (LIRPF) show grounds, 1/4 mile east of the north entrance to Itasca State Park.

Contact Keith Johnson for monthly specifics at keith@greatriverforge.com. The NMM's website is www.nmmetalsmiths.org

Central Minnesota Blacksmiths (CMB)

Meet on the first Monday of each month. Potluck followed by demo. Locations are different every month so please call or write for info

President: Ken Zitur Brian Johnson
320-746-8161 16777 Co Rd 75 NW
ken@kensiron.com Clearwater MN 55367
320-558-6898

Chicago Avenue Fire Arts Center (CAFAC)

Quarterly blacksmithing classes and open house events
www.cafac.org email: info@cafac.org

Update your 'Guild gear'!

The Guild has opened a "store" on Café Press, a website where we set up our logo to be printed on shirts, mugs, glasses, and other goods for purchase. It allows us to make Guild merchandise available to the membership without the major outlay of cash and volunteer effort needed to sell them in a more traditional way.

The Guild gets a small amount of money on each item, but mostly it is a way to make items readily available. Items you can order range from multiple shirt styles and mugs all the way to field bags, water bottles, and even pajamas! Online store link:

<http://www.cafepress.com/TheGuildofMetalsmiths>



New Members March 2016

Zac Dech, Bloomington, MN
Dennis Kloos, West St Paul, MN
Benjamin Kjellberg, Moundsview, MN
Jessica Tank, Minneapolis, MN
Raimondo Albarelli, Helenville, WI
Stephan Cooper, Eagle Bend, MN

This issue of *The Forum* is chuck-full of class opportunities!

Time's a-wasting! Check the pages of this issue of *The Forum* to see what classes you are interested in signing up for during the months of April and May. There are seven of them!

Thank you

Dick and Irma Carlson wish to sincerely thank Guild members for their cards, condolences, and support following the passing of Dick's brother, John Carlson, on February 11, 2016.

Anvil Cake!

The photo at right shows off not the beautiful metalwork produced by Guild member Asa Pearson, but instead a unique bit of heated and edible "metalwork!" It's a slice of pound cake into which Asa fashioned an anvil. Wow!



For sale

4" pipe 1/4" wall. Will cut to length. Good for anvil & tool stands. \$8 per ft.

Contact Dave or Jesse Gavin
715-821-9950
715-808-5891

For sale

- 84lb Vulcan anvil in good condition (one 1" chip on one edge). \$175

- One medium duty coal forge with free turning crank blower and hood. Small part of clinker breaker missing but repairable. \$200

- One small rivet forge with small, exposed gear hand crank blower. Blower stiff, needs cleaning. Haven't trouble shot it yet. \$125

Photos available upon request. Posted on web forum too.

Martin: 612-599-4762, blacksmithingyeti@gmail.com

TGoM now accepts Paypal and most major credit cards

The Guild can now accept Paypal and most major credit cards, in addition to paper checks, for the payment of annual dues. This should make it more convenient for members to pay dues.

If you have questions as to when your membership expires, that information is listed as part of the membership directory found on the online web forum in the "members only" section. Follow this link to log in:

<http://www.metalsmith.org/phpbb/viewtopic.php?f=143&t=162>

The information also shows on the address label of your quarterly "Metalsmith" issue.

Struck Tools Workshop

Date: Saturday, 9 April 2016 **Time** 9:00 am to 4:30 pm

Instructor: Jim Scott

Cost: \$50

Class size: 8 max, 5 minimum

Location: MN School of Horseshoeing

The day will include: Preparing a punch, a slitting chisel and a drift using approximately 5/8 inch stock. We will fabricate normal length (6 to 8 inches) hand held tools without handles. We will be hand forging as individuals. We will heat treat using oil. Material used will be GM automotive coil spring stock, presumed to be 5160 alloy. Students should have completed the Beginning Blacksmithing course or have suitable background experience.

You will need: your pet hammer, a second hammer for striking tools, hearing and eye protection and proper clothing (Tongs if you have them). A variety of hammers will be available for trials.

This workshop is a valuable opportunity for practical hands-on training in the preparation and restoration of tools. Blacksmiths need basic comfort with techniques for restoring and heat treating tools. We will focus on the use of color and the basic techniques used in heat treating. Let us know if you are short on physical strength, and we will accommodate you with smaller stock and/or striking help.

For background, go to the February meeting and ask those who have participated in past Jim Scott classes. They are enthusiastic and often offer to help with the workshops. Jim has offered this training very successfully for many years. Jim offers this in a one day workshop at the Minnesota School of Horseshoeing on April 9 2016.

The stock and expertise is supplied by Jim. Arrangements made by Herb Fick.

To register for this workshop, simply wrap your complete contact information in a check for \$50 written to The Guild of Metalsmiths and send to:

Herb Fick

519 East Eighth Street

Northfield, MN 55057-2508

Questions? Contact Herb: herb@phyque.com 507 663 0569 507 649 1611 (cell)

I'll bring some rolls, we will offer coffee, and lunch is brown bag or local lunch counters. We ask Jim to travel considerable distance to offer this class. Early registration really helps us plan.

Acceptance priority is determined by postmark.



Build a Gas Forge--this class is FULL as of 2/27/16!

Date: Saturday, April 16, 2016 **Time:** 9:00 am to 4:00 pm (or when done)

Instructor: Jim Moenck

Location: Jim Moenck's shop, 2078 120th Ave., Dresser, WI 54009 (map below)

This is a one day workshop during which we will make a venturi burner style gas forge. The forge will be a single burner model. The body will be approximately 10" diameter by 12" deep, made from a round steel tube. This forge will be insulated with a 1" blanket of ceramic fiber, coated with a cementitious finish by participants at home after the class. Fire brick will be used for the floor and sliding doors on each end, making it possible to pass the stock through, to heat the center of a work piece. The forge is fastened to a saddle, and can be bolted to a table surface for stability. Most of the fabrication for these forges will be done prior to class by the instructor. This forge is a simple, economical forge that is easy to transport and fun to use.

Tools and Equipment: Minimal tooling will be required. Students will be contacted prior to class if they need to bring any tools.

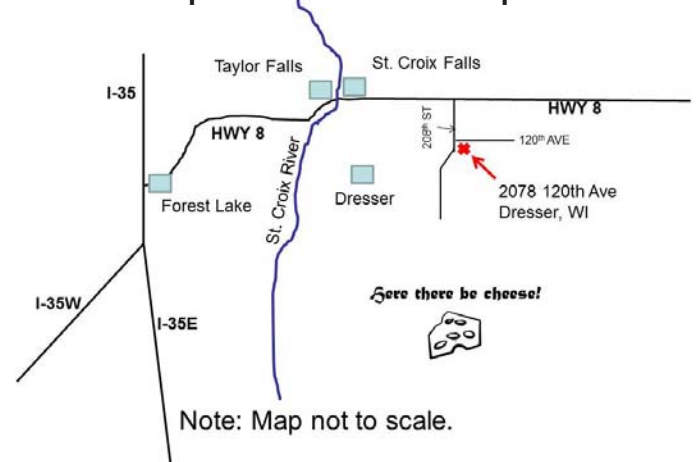
Safety Equipment: Safety glasses & ear plugs are mandatory. Other safety equipment includes: a respirator if you have one, cotton clothing, gloves, leather apron, and leather boots or shoes that come up over your ankle. If you do not have a respirator, 3M masks will be provided.

Lunch Arrangements: Bring your own lunch, or eat at a local establishment. There are several spots to eat east of Menards on Hwy 8. There is a microwave in the shop you can use to warm up food if you would like to. Bring your own beverages to stay hydrated during the day (non-alcoholic, of course).

Questions: Phone 715-483-5054 Email: jrmoenck@yahoo.com

Acceptance priority is determined by postmark.

Map to Jim Moenck's shop



Flat Bit Tongs Class

Date and Time: Sunday, April 17, 2016, Start time 9:00am

Instructors: Martin Pansch, Larry Wasmund, Darryl Ponder, Rob Murray, Rick Wessling, Marty Masters

Cost: \$40 **Class size:** Maximum students: 10 Minimum: 5

Location: Pansch farm (see map)

Tongs, while deceptively simple looking, contain a lot of considerations in making them. They should fit the work, fit your hand, be long enough but not too long, sturdy enough but not too heavy, and constructed in a way that lasts despite heavy use. This class will look at these factors and more as we learn to make tongs using the classic 3-shoulder method. We will be forging flat bit tongs but the majority of the process will transfer to other types (bolt, pick up, box jaw, etc).



Students should have already completed the beginner class or equivalent. Techniques involved will include half-face blows, forging to dimension, drawing, punching and riveting. We might play a little with striking for each other and drawing on the power hammer too.

The goal is for students to leave with the knowledge needed to make any tongs they need in the future with little more than a hammer, anvil, forge and punch. NOTE: This class is on a Sunday, not Saturday.

Tools and Equipment or other items participants are to bring to the class. Your favorite blacksmithing hammer, 1/4 to 3/8" round punch if you have one. Flatters, sledge hammer, and hot rasp may also be used but don't go buy them just for the class.

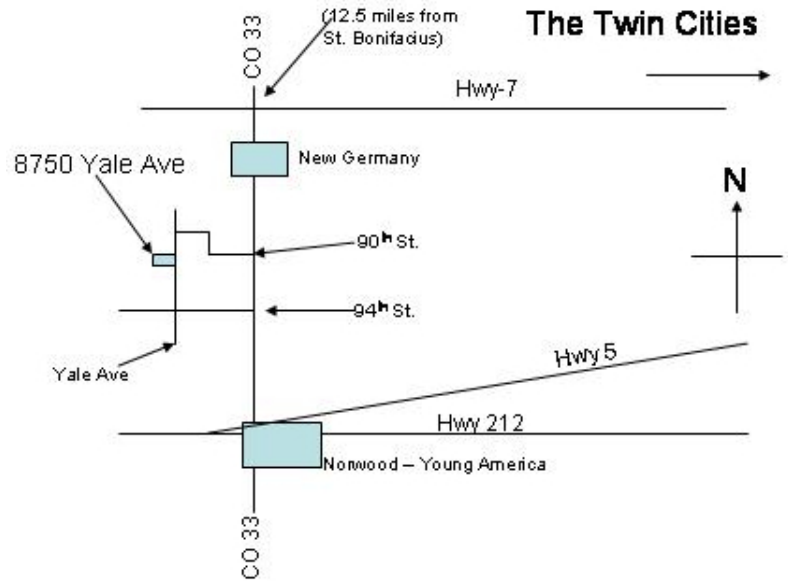
Safety Equipment – safety glasses & ear plugs are mandatory. Other safety equipment may include: gloves, leather apron, cotton clothing, leather shoes.

To register for this class, send a check for \$40 made out to The Guild of Metalsmiths to:

Martin Pansch
8750 Yale Avenue
Young America, MN 55397

For questions: 612-599-4762 blacksmithingyeti@gmail.com

Acceptance priority is determined by postmark.



Bronze Pour April 23

Lost wax bronze casting and primitive (recyclable) mold making demo will be part of this pour. See Bronze Pour Workshop below for more details.



Bronze Pour Workshop 2016

Bronze Casting, Pattern, and Mold Making

1. Saturday, March 26, 1:00 pm to 4:00 pm, Pattern Making Workshop
2. Saturday & Sunday, April 16 & 17, 9:00 am to 4:30 pm, Mold Making
3. Saturday April 23, 3:00 pm - Evening: The Pour

Instructor: Marty Hicks

Cost: \$120

Class size: 10

Location: HIXWERX Studio

We'll be casting silicon bronze into two-part (cope and drag) sand molds from your pattern. For beginners, a flat-backed clay pattern is recommended. However, if you have something specific that you'd like to cast, let us know.



Wax Sculpting and Primitive Mold Making Demo

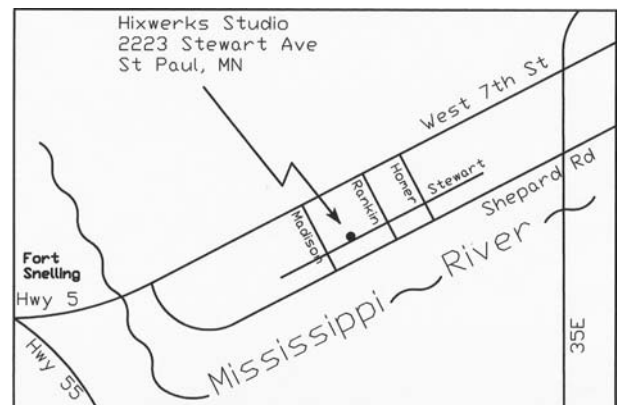
As part of this pour, there will be a demonstration on wax sculpting for lost wax casting, and primitive (recyclable) clay and charcoal mold making using Meso-American methods.

You will need to bring: eye protection, leather gloves, and wear proper clothing. Send your check made out to "The Guild of Metalsmiths" and contact information to:

Marty Hicks
2223 Stewart Ave.
St. Paul, MN 55116

For questions, contact Marty: marty@hixwerx.com or 651-492-0899

Acceptance priority for the class is determined by postmark.



Copper Jewelry Class

Saturday, April 9, 2 classes: 9 am to 12 noon OR 12 noon to 3 pm (choose one)

Location: Jackson Street Roundhouse (map below)

Instructor: Larry Nevin

Cost: \$30 per student

Class size: TBD

The students in this class will build copper earrings, a bracelet and a pendant as time permits during the class. All materials and tools will be provided.

The material is 20 to 24 gauge copper. There is no forging. All the work is bench work hammer forming, shearing, punching and drilling. The class will last approximately 3 hours so you can choose either the morning or afternoon session.

Safety Equipment – safety glasses & ear plugs are mandatory.

To register for one of these classes, please send your name, address, phone, and email address along with a check for \$30 written to The Guild of Metalsmiths to:

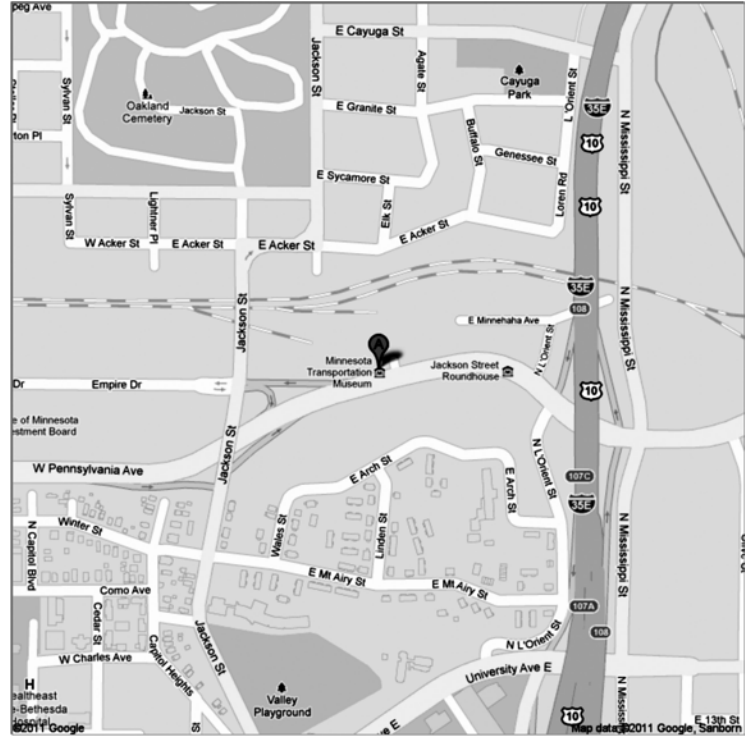
Gordon Barr
11021 27th Ave
Burnsville, MN 55337

If you have questions, contact Gordon at agbarr@aol.com

Acceptance priority is determined by postmark.



Map to Jackson St Roundhouse



Bell Class - plus Knot Class Primer

Date: Saturday, April 30, Time: 8:00 am setup (or earlier) & start at 8:30 am. Plan on a long day.

Instructors: Jesse and Dave Gavin

Location: Dave Gavin's shop,
N6768 720th street,
Beldenville WI 54003 (map below)

Cost: \$60 Class size: 8 students max.

Goal of this class is to create a bell from the clanger on up to the handle. Students will have the opportunity to choose from 3 handle types - over hand knot, square knot, or one of their own design. You will learn how to forge pipe, use a treadle hammer, tie a knot in round stock, and have fun with your fellow blacksmiths.

Tools: gas forge and propane, anvil, vise, grinder (sanding discs and cutoff wheel), tongs - various, and a guillotine fuller with top and bottom dies. Skill level - beyond the basics

To register, send checks for \$60 made out to The Guild of Metalsmiths to:

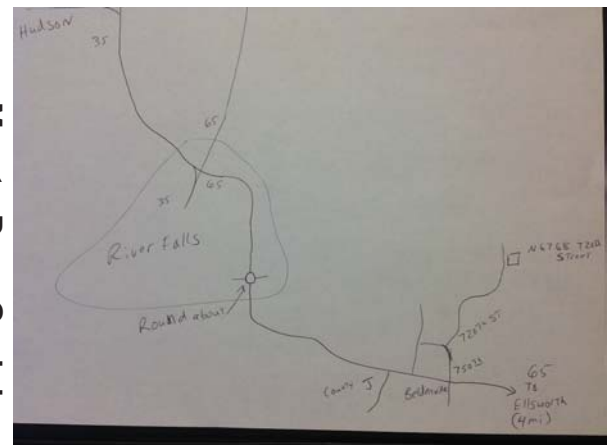
Jesse Gavin
N8214 330th Street
Spring Valley WI 54767

Contact for questions: jagavin6273@hotmail.com or at 715-808-5891 if you plan on taking the class and don't have all the tools.

Acceptance priority is determined by postmark.



Map to Dave Gavin's



Hammer Class, Making a Blacksmith's Hammer

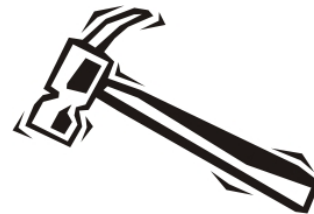
Saturday May 7, 2013 from 9:00 – 4:30

Instructors: Jim Moenck, Bob Brown, Martin Pansch, Derrick Phillips, Steven Olivo and Rob Murray

Cost: \$50 per student

Location: MN School of Horseshoeing (map on page 7)

Class size: Maximum students: 8 Minimum students: 6



This class will teach you the skills you need to make a hammer. With this knowledge you will then be able to expand your tool chest with other handled tools. All handled tools such as top fullers, punches and flatters start with this same process. We will begin with a piece of steel, punch the eye, shape both striking ends, heat treat and put the handle on. You will go home with your own hammer. There will be an assortment of weights to choose from so that you can make a hammer that fits you and your needs.

Safety Equipment: The normal safety equipment is required. Wear cotton clothing, leather boots above the ankle, pants that fit over the top of your boots. Eye protection and ear protection is mandatory. Gloves for protection from the heat while punching may be useful. A leather apron is encouraged for extra protection.

Tools & Equipment: Bring your favorite hammers with you to class, one for striking hot metal, one for striking punches and drifts, and a sledge for striking if you have one. All other tools will be furnished.

Lunch arrangements: We will take a break at noon for lunch. Bring your own bag lunch or eat out at one of the local establishments.

To register: This class fills up fast. Students will be accepted in the order of contact. Email is fine, but your check for \$50 made out to the Guild of Metalsmiths is needed to reserve your spot in class. Send your check and your complete contact info to Jim Moenck at the address below:

Jim Moenck
2078 120th Ave
Dresser, WI 54009

Questions: jrmoenck@yahoo.com

Acceptance for this class is determined by postmark.

Note: The information below is provided as a service for TGoM members. Members may submit items for sale and upcoming events that are considered relevant to our group, and they will be published as space permits. The Guild of Metalsmiths is not responsible for these items or events.

2016 Blacksmithing Class Schedule for Ken's Custom Iron

Ken and MaryLou Zitur

37634 Co. Rd. 9, Avon, MN 56310

Contact: 320-746-8161 • 320-291-2075 • Email

ken@kensiron.com Visit: www.kensiron.com

March 12-13th – Beginner Blacksmithing Class

Class is from 9:00 a.m. – 4:00 p.m. each day. Cost is \$125.

March 19th – Ram's Head Class

Class is from 9:00 a.m. – 4:00 p.m., and cost is \$75.

Each class has a limit on the number of students. Please contact us today to reserve your spot! Send your name, address, phone number, email address, and a check for the class you're interested in.



Community Education Classes Being Held at Tunnel Mill

Link for info and registration for these Rochester, Mn Community Education classes:

<https://rochester.thatscommunityed.com/courses/all?category=adult-enrichment&page=3&sort=name>

Taught by John Adams

Blacksmith Beginning: Three classes:

April 11, 18 and 25, 2016, 6:30 PM to 9:30 PM

April 12, 19 and 26, 2016, 6:30 PM to 9:30 PM

May 14, 2016, 9:00 AM to 5:00 PM

Blacksmithing II:

May 3, 10 and 17, 2016, 6:30 PM to 9:30 PM

Taught by David S. Cargo

Brick Oven

May 7, 2016, 9:30 AM to 5:00 PM

Tunnel Mill class being taught at Tunnel Mill

Taught by Tom Latane'

Hand Forged Coffee Mill

May 20, 21 and 22, 2016

This class will be the final session for the construction of a coffee mill similar to the one the Patient Order of Meticulous Metalsmiths made at the 2014 ABANA conference.

To register: jc-adams@msn.com, or 507-289-4189 John or Carol Adams.

CAFAC

Upcoming Classes at Chicago Avenue Fire Arts Center

Check out some of the CAFAC education offerings here: www.cafac.org

CAFAC
3749 Chicago Avenue
Minneapolis, MN 55407
612.294.0400
info@cafac.org

Goings on...

A calendar of TGoM events at a glance

- All membership meetings are the second Wednesday of February, April, June, August, and October. Date for December will be announced. For these meetings a potluck meal begins at 6:30 pm and the business meeting begins at 7, with a demonstration or activity starting around 8 (times approximate).
- Education Comm. meets first Wednesday of each month. Contact Larry Wasmund, chair: poundedtreasures@gmail.com
- Program Comm. meetings are 7 pm the third Thursday of each month. Mark Lockwood is chair: mark.lockwood@daikinapplied.com
- All board meetings are the second Wednesday of January, March, May, July, September, and November. Potluck meal begins at 6:30, with meeting starting at 7 pm.



Events in March, 2016

- March 5, 19, Beginning Blacksmithing C3, C4, MN School of Horseshoeing
- March 16, Guild board meeting
- March 12, 26, Beginning Blacksmithing D3, D4, Larry Wasmund's shop
- March 26, Pattern Making Workshop as part of April 23 Bronze Pour

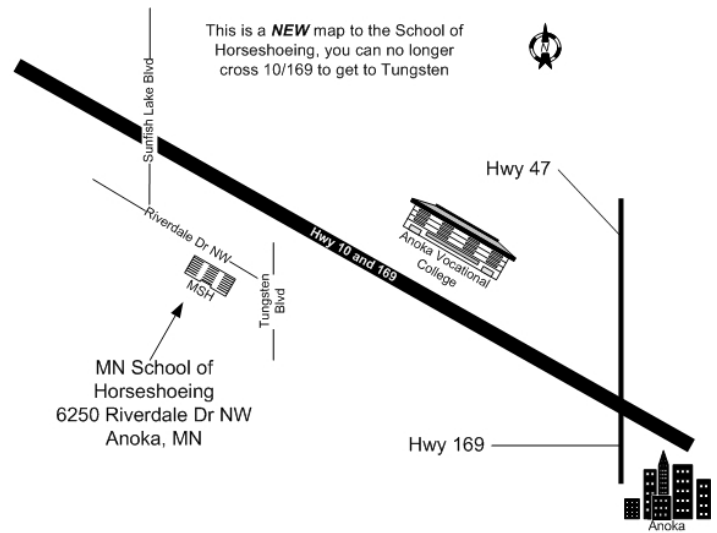
Events in April, 2016

- Apr 9, Struck Tools Class, MN School of Horseshoeing
- Apr. 9, Copper Jewelry Class, Jackson St Roundhouse
- Apr. 13, Guild membership meeting, Toll Gas & Welding, Plymouth
- April 16, Gas Forge Workshop, MN School of Horseshoeing
- April 17, Flat Bit Tongs Class, Pansch farm
- April 16 & 17 Mold making as part of April 23 Bronze Pour
- April 23, Bronze Pour & Primitive Mold Making, Hixwerx Studio
- April 30, Bell Class, Dave Gavin's shop

Events in May, 2016

- May 7, Hammer class, MN School of Horseshoeing
- May 18, Guild board meeting

Map to MN School of Horseshoeing



Join The Guild of Metalsmiths

Send \$30 dues to the address below. Please circle if you want to be listed in our membership directory and/or check items you don't want listed.

The Guild of Metalsmiths
 PO Box 11423
 St. Paul MN 55111

List Me
 in the directory
 but don't list
 address - phones: home - work - fax - cell - email - web page
(circle items above you DO NOT want published)

Don't List Me
 in the Directory

Name: _____

Email address: _____

Address: _____

City, State, Zip Code: _____

Primary phone: _____ Secondary phone: _____

All memberships are family memberships. Persons of all ages, professionals and hobbyists, are invited to join. We do not sell our mailing list.

ELECTRONIC FORUM

If you have not been receiving an email notification that The Forum is available, please verify that we have your correct email address. Contact Gordon Barr at agbarr@aol.com.



Address Service Requested

Forum deadline for April, 2016: Monday, March 21, 2016.

The deadline for content in The Forum is always the third Monday of the month. Please send items to **Georgia Myers**, editor, by email to: gldmyers@embarqmail.com

The Guild of Metalsmiths on the web
Visit our website at <http://www.metalsmith.org>

Looking for something? Try the search engine. On our home page, at the top of the right sidebar, enter your query and click on "Search."

March 2016

Your membership expiration date will show on the address label of your quarterly Metalsmith magazine.

The Guild of Metalsmiths, St. Paul, MN, publishes The GoM Forum monthly. It is intended as a tool to further our educational mission, to keep members up to date on current happenings, to publicize projects and workshops, a place for all members to express their opinions, concerns, learn more about each other—in short, to help us run our organization.

Information in this publication is provided as a service for our members. Members may submit items for sale and upcoming events that are considered relevant to our group, and they will be published as space permits. The Guild of Metalsmiths is not responsible for these items or events.

Guild educational grants

There is grant money available for Guild members to study intermediate and advanced metalworking techniques.

The Guild educational grant program is designed to bring new skills into the metalworking community. Participants are given money to pay for a portion of their expenses and are expected to learn some new or poorly understood skill, and then to share what they have learned with other members and the public through an article in our quarterly magazine, "The Metalsmith." They're also expected to lead a workshop on the topic (or other educational service approved by the board).

Application forms are available from the president or treasurer at a regular meeting, or by sending a self-addressed, stamped envelope to:

The Guild of Metalsmiths
PO Box 11423
St. Paul MN 55111