

# The Forum



October 2014

Vol. 16, No. 10

## October 8 meeting repeat: Get ready again for popular venue!

By the time you read this, the Fall Madness will be over and hopefully was a smashing success. But don't relax too much. We have another great meeting worked out in a repeat location which needs a lot of exploration.

The October meeting will again be held at the Minnesota Transportation Museum "Jackson Street Roundhouse" on Wednesday, October 8. I know I have not explored most of what the museum has to offer, so here is another chance for me and everyone else.

As I understand, the museum has trains from several eras of the railway industry, plus the various chambers that used to be where trains were repaired/restored, one of which I believe is rebuilt to house a forge where some of the demo work will be done. (Part of this has been under way by our own Nick Heinen and Charlie Bateman.)

To add to that, we will have two members demonstrating. Bob Brown will demonstrate some of his wonderful forgings, and Paul Widenhoefer will demonstrate forging a small working knife, showing us some of what he has learned in his pursuit of bladecraft.

I wish I knew more about the museum, but alas, I will have to explore along with other curious members and see what is around the corners.

Reporting from the Program Committee,  
Derrick Phillips

Learn all about the Jackson Street Roundhouse before this meeting at their website: <http://www.mtmuseum.org/>

### Reminder...

All our membership meetings except the December one start at 6:30 pm with a potluck meal. The business meeting starts at 7 pm, then show and tell, then demonstrations or presentations end our fabulous meetings.

This meeting is championed by Nick Heinen, so give him a call if you have questions at 612-910-6716.

### Map to MN Transportation Museum/Jackson Street Roundhouse 193 Pennsylvania Avenue East, St. Paul, MN



### A note about road construction in the area...

Interstate highway 35E & Pennsylvania Avenue interchange is under construction until 2015. Please allow for a few minutes extra travel time when visiting the Jackson Street Roundhouse or the MTM corporate offices.

■ Northbound exit on I-35E to Pennsylvania / Phalen boulevard, just north of I-94, is now permanently closed. If you are coming from Interstate 94, exit on Marion Street, just west of I-35E / downtown St. Paul. Travel east on Marion and follow to Rice Street; at Rice Street, Marion becomes Pennsylvania Avenue; follow Pennsylvania ahead, where the roundhouse is located.

■ Southbound I-35E traffic is currently unaffected by the construction and reconfigured interchange so you may still exit onto Pennsylvania Ave.

In 2015 when the project is completed, access to the roundhouse will shift to the new Cayuga street interchange, and Pennsylvania Ave will be accessible as before.

# 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 14 for this year's holiday gathering. 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).

President: Martin Pansch Vice-President: Rick Wessling  
[blacksmithingyeti@gmail.com](mailto:blacksmithingyeti@gmail.com) [rgwessling@gmail.com](mailto:rgwessling@gmail.com)  
612-599-4762 612-875-4420

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

## UMBA

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125 different titles

\$5 each, \$2 shipping per order

Never return them to library - [www.umbaonline.ning.com](http://www.umbaonline.ning.com)

## 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](mailto:tudweber@hotmail.com) [johngrump@att.net](mailto: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](mailto:CharleyRB@charter.net), 218-428-7906  
Dave Hanson, Vice-President, [Daveforge1@aol.com](mailto: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](mailto:keith@greatriverforge.com). The NMM's website is [www.nmmetalsmiths.org](http://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  
1-320-746-2557 16777 Co Rd 75 NW  
[ken@kensiron.com](mailto:ken@kensiron.com) Clearwater MN 55367  
1-320-558-6898

## TGoM now accepts Paypal and most major credit cards for annual dues payment

Mike Frattalone and Darryl Ponder have worked together to add a "Buy Now" button to the "Membership" page of our main website. See: <http://www.metalsmith.org/membership/>

This means 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>

## New Members, October 2014

Mike Wolner, St James, MN  
Nick Roth, Minneapolis, MN  
Blaine & Melissa Sivigny, Hastings, MN  
Charles Parent, Minneapolis, MN

## Beginners Blacksmithing Classes - 2014/2015 ARE FULL!

**When:** Classes are held on four Saturdays from 9 – 4. Three sets of classes are held this Fall, Winter and Spring. All three sets of classes teach the same information. Waiting lists are being established. If you want to be added to a waiting list, contact Gordon Barr at 952-894-4821 or email Gordon at [agbarr@aol.com](mailto:agbarr@aol.com)

## Bronze Casting, Pattern, and Mold Making

**Saturday Oct. 4. 1:00 pm - Evening: The Pour.**  
**Instructors: Marty Hicks and Crew**  
**Location: Marty's (HIXWERX) Workshop**

## Guild member will talk about American wood clocks Oct. 21

Susan Wood will discuss American Wood Works Clocks, their place in history, who developed the industry and the manufacturing techniques used. She will bring some examples of wooden geared clocks, exhibit plans available to build wood geared clocks and discuss how to repair wooden clock gears.

Susan's current interests include blacksmithing and making brass and metal clockworks. She began this journey with a fascination of Wood Works clocks. Susan has been a member of the Minnesota Clockmakers Guild and the National Association of Watch and Clock Collectors since 1994. She has been repairing clocks professionally since 2001.

Visit her website at [www.anvilclock.com](http://www.anvilclock.com)

LOCATION: Edina Community Center, 5701 Normandale Rd, Edina.

TIME: 6:30pm instant gallery (anything about clocks); Intro to Northern Woods 6:50pm; Program at 7:00pm. Oct 21, Tuesday.

## 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! Here's the link to the online store:

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



# Handled Struck Tools

Saturday, December 13, 2014

MN School of Horseshoeing

Instructors: Jesse Gavin, Dave Gavin, Herb Fick, and others

Cost: \$65

Minimum 6 students, maximum 8 students

The tools made will be punches with a wire handle and chisels with a wire handle. We will use treadle hammers. (Find out if you really need one of these by trying them.) Tools for the treadle hammers will be supplied.

Steel will be 5/8 and 3/4 inch round 4140 for the punches and chisels. Handles will be fabricated from 1/4 and or 5/16 round CRS.



The exercise will include forging and basic heat treatment of the tools. Forge in the morning, heat treat and install handles after lunch.

**A note on change:** In the past we've offered the preparation of a small hammer. We've accepted that the time is better spent focusing on the punches and chisels so that more time is spent on understanding the heat treat process. There will be enough stock so we can encourage you to make a couple of serious mistakes and still go home with real tools to use or offer for the next "iron in the hat".

Power grinders are supplied by Duggan, Gavin and Fick. (We still have a couple of belts supplied by our abrasive friends at 3M.)

Bring your favorite hammers, tongs suitable for the stock if you have them, and eye and ear protection. Bring your basic safety gear (leather, cotton, gloves, and safety shoes).

The building will be open by 8 am, introductions and coffee will start at 8:30, in the shop by 9 AM. We usually finish just before 5 pm.

## History:

Last year we used three different treadle hammers for the eight students.

Herb's records only go back to 2006, but this class has been going annually for quite a while and has always filled. Credit for that goes to the Jesse and Dave.

For reference, probable students are invited to question former students including:

Hix Marty  
Auel George  
Olson Wayne  
Moenck James  
Hilton Larry  
McClellan Robert  
Brown Bob  
Fidelman Nathan

To register for this class, send your contact information and a check made out to The Guild of Metalsmiths for \$65 to:

Herb Fick  
519 East Eighth Street  
Northfield MN 55057-2508

Contact Herb at:  
507 663 0569 or 507 649 1611 (cell)  
[herb@phyque.com](mailto:herb@phyque.com)

## Iron in the Hat, December edition: ornaments!

Some of you might remember the Iron in the Hat event we had at the June meeting at Cliff Larson's place. It had enough enthusiastic participation that we are going to do it again!

This time the theme is, festively enough, Christmas ornaments (or Hanukkah, Kwanzaa, Festivus, Boxing Day, St. Leonard's Day, etc)! Again it can be any design, any metals, any construction technique you want. It just needs to be something you made and small enough that it won't make a Christmas tree bend in half, a la "A Charlie Brown Christmas."

There is one extra twist: you need to utilize the tool you got in June's Iron in the Hat in the construction. If you weren't in the last one but want in on this round, take your pick from the tools that changed hands. These include

hammers	knife	weed puller
tongs	hack saw	metal mosquito on a stick (fly swatter)
center scribe	hot cut/slitter	hammer outlinie key ring
twisting wrench	double center punch	dividers

There should be enough basics there so it won't be too hard. Double bonus points to those who use the metal mosquito as their tool of choice. If you saw something from one of the demonstrators that you just have to try, this is the perfect opportunity!

I hope participation is as strong as it was in June, and I look forward to seeing what you come up with. Bring them to our holiday meeting December 15 at the CSPS Hall in St. Paul. You have over two months to work on this one!

— Martin Pansch

# 2014 'Madness' brought talent, talent, and more talent to TGoM!



Gordon Williams from Arizona shared his talent, first with enrollees in his pre-conference class on Thursday and Friday, and then in popular demonstrations on Saturday and Sunday during the Fall Conference.



## Meat Fork Contest

Entries in this year's meat fork contest totalled 17. They were sold at the Saturday night live auction, with the winning fork receiving a bid of \$140. That was created by Jim Moenck using his skills in Damascus steel. Total proceeds from the contest yielded \$ for TGoM.



Ernie Dorrill, from Mississippi, focused on Renaissance and Gothic motifs, his chosen specialties.



Lisa Olson brought pumpkins and her creative talent to lead students in how to uniquely decorate their own pumpkins.



## Family members were busy too!

A popular station was the repousse pavillion, where family members learned that they, too, could work with metal.

Guild members Jesse Gavin and Martin Pansche assisted family members to discover their repousse talents.



Jody Wolner shaped an Altoids tin.

# Beauty in our eyes...

This year's Fall Conference gave family members who don't usually hammer iron the annual benefit of creating works of their own art out of metal. Thanks to Herb Fick, Don Hammer, Dan Pate, Conor Brennan, and Joseph Anton, the "Found Art" attraction at The Madness was busy and popular all day Saturday. Herb says it's not difficult to get volunteers for the "found art." Here are a few of the masterpieces, some pictured with their creators!



To create their masterpieces, artists chose from hay wagons laden with "junk" like this!

Mary Kate Hilton and Judy Bygd put in a few creative hours, finding art to behold!



Wendy Anderson's imagination sparkled as she sculpted a huge wind chime and then donated it to the Saturday night live auction.

Garden ornaments? Of course!



Prehistoric insect?

These guys were zany and cute!



Plug in your imagination and you'll see the peacock in this masterpiece!

A wreath fit for anyone's front door!





## News from Tunnel Mill

Tunnel Mill is located 85-100 miles south of the Twin Cities in the country five miles north of Spring Valley, MN on County Road 1.

Contact for full class details, costs, and registration:

Carol and John Adams

507-289-4189 or 507-289-5246

Email: [jc-adams@msn.com](mailto:jc-adams@msn.com)

Website: [www.tunnelmillcrafts.com](http://www.tunnelmillcrafts.com)

### Classes at Tunnel Mill for 2014

## Oct. 3, 4, & 5: Tunnel Mill Fall Gathering

Yes, the date has been set! It's that time of the year. We would like to invite you to the mill. There will be plenty of interesting demos, or just come and hang out; you are bound to learn something.

### IRON---- we will be running the 500 Lb Little Giant

#### --Iron Bloom Project--

Saturday we will be running our ongoing Iron Bloom project. Friday we will be building a new furnace. Come early and get involved. We will also be having an ongoing slide show and information on iron ore mining in the Spring Valley area, from where we got our iron ore for our bloom project\*

### COPPER----learn some new techniques

Let's tie-dye or bleach your t-shirt, we have a new tie-dye project to add to the mix.

Bring something for Show & Tell

ALSO, WE ARE GOING TO SET UP A GALLERY, SO PLEASE BRING SOMETHING FOR THE GALLERY

Bring a Quilt to display in the barn

Wine and cheese has become a regular for Saturday afternoon. Bring a favorite bottle to share or make a small donation.

#### FRI DAY POTLUCK

Registration-Please fill out and return by September 30:

Name \_\_\_\_\_ Phone # \_\_\_\_\_

Weekend admission fee \$10.00 per person \_\_\_\_\_ Daily admission \$5.00 per person \_\_\_\_\_

Meals available for these costs.....

Saturday morning \_\_\_\_\_ persons @\$4.00 each Saturday lunch \_\_\_\_\_ persons @\$7.50 each

Saturday evening \_\_\_\_\_ persons @ \$12.00 each Sunday morning \_\_\_\_\_ persons @6.00 each

Sunday lunch \_\_\_\_\_ persons @ 7.50 each

Weekend rate Saturday & Sunday Food & Admission \$45.00

#### FRIDAY POTLUCK

Send registration to:

Carol Adams

4505 Hwy 63 N

Rochester, MN 55906

507-289-4189 or 507-289-5246

NO PETS PLEASE

## Oct. 17, 18, 19: Hand-Forged Coffee Mill, Tom Latane'

This class will be the first of three sessions of instruction covering the construction of a coffee mill similar to the one the Patient Order of Meticulous Metalsmiths (POMMs) made at the 2014 ABANA conference in August, 2014. In the first session the students will forge the conical steel burrs and start filing the teeth (which will be completed at home). The rest of the session will be spent forming the upper hopper for receiving the beans and the burr housing. These forms will be constructed out of heavy sheet brazed in the forge. Brackets to support the hopper and center the crank shaft will be forged and riveted to the vessel.

In the second session the steel burrs will be case hardened and the drawer for the grounds will be formed along with its housing. The lower support for the central shaft will be forged along with the parts for adjusting the coarseness of the grind. Decorative embellishments will be demonstrated including swaging moldings, chasing the knob, and raising beads in the sheet metal surface with a fine fuller.

The last session will cover forging the columns that join the parts, the feet, and the crank. The columns may be round, square, hexagonal, or octagonal, twisted or straight. Assembly will be with threaded tenons and nuts, permanently peined tenons and wedges.

Dates for the second and third classes, as well as costs and other details will be provided shortly.



# Goings on...

## A calendar of TGoM events at a glance

- All membership meetings are the second Wednesday of February, April, June, August, and October, except December 14 for this year's holiday gathering. 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 Committee meeting dates vary. Contact Larry Wasmund, chair, for the next meeting.
- Program Committee meetings are the third Thursday of each month. Marty Hicks is chair.
- 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 October, 2014

- Oct. 3, 4, & 5, Tunnel Mill Fall Gathering, near Spring Valley MN
- Oct. 4, Bronze Pour, Hixwerx Studio
- Oct. 11, Beginning Blacksmithing A-1, MN School of Horseshoeing
- Oct. 15, Membership meeting, Jackson Street Roundhouse/MN Transportation Museum
- Oct. 18, Beginning Blacksmithing A-2, MN School of Horseshoeing
- Oct. 25, Beginning Blacksmithing A-3, MN School of Horseshoeing

### Events in November, 2014

- Nov. 1, Beginning Blacksmithing A-4, MN School of Horseshoeing
- Nov. 10, Beginning Blacksmithing B-1, MN School of Horseshoeing
- Nov. 12, Guild board meeting
- Nov. 17, Beginning Blacksmithing B-2, MN School of Horseshoeing
- Nov. 24, Beginning Blacksmithing B03, MN School of Horseshoeing

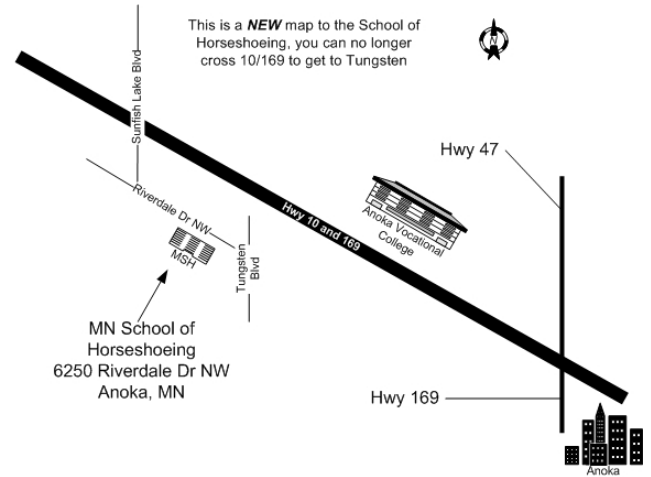
### Events in December, 2014

- Dec. 14, Membership holiday meeting at CSPS Hall, St. Paul.

### Events in January, 2015

- Jan. 3, Beginning Blacksmithing B1, MN School of Horseshoeing
- Jan. 10, Beginning Blacksmithing B2, MN School of Horseshoeing
- Jan. 17, Beginning Blacksmithing B3, MN School of Horseshoeing
- Jan. 24, Beginning Blacksmithing B4, MN School of Horseshoeing

### 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](mailto:agbarr@aol.com).



Address Service Requested

**Forum deadline for November, 2014: Monday, Oct. 20, 2014**

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](mailto: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."

**October 2014**

Your membership expires at the date & month next to your name. Please send your renewal dues to the above address.

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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.

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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.

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## **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