

# MONTEREY BAY

## metal arts guild

### MBMAG

P.O. Box 2468  
Santa Cruz, CA 95063  
[mbmag.org](http://mbmag.org)

## Newsletter

Issue #3  
Winter 2012/2013

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## Annual Winter Membership Meeting and Potluck

Sunday, February 10

*With a special presentation by guest lecturer Lynda Watson*

Lynda Watson is a nationally renowned artist, studio jeweler and teacher who established the Small Metals/Jewelry program in 1970 at Cabrillo College in Aptos, CA and was honored as Santa Cruz County Artist of the Year in 1998. She is a treasured member of the MBMAG community.

Lynda’s description of her presentation:

*“After a trip to Southeastern China in 2008, Mary Lee Hu was invited by the Chinese government to bring 10 professional metalsmiths/jewelers to China for the purpose of observing, advising, and showing work to students and faculty at Chinese University metals programs. We were also there to study Miao jewelry and costume in its original, indigenous form and as it was being produced for export as tourist goods. I will show images of the artisans making both fine silver and nickel silver traditional jewelry as well as photos of museum pieces and where the Miao live and work.”*



Miao bracelet (from the web)

**This is an opportunity you won’t want to miss!**

**When:** Sunday, February 10, 2013, starting at noon

**Where:** The Haute Enchilada meeting room in Moss Landing  
7902 Moss Landing Rd. 831-633-5843

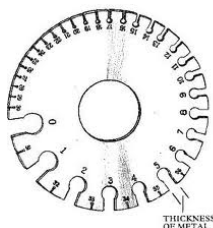
*Thanks to Kim Solana, who has graciously made the restaurant’s meeting room available for MBMAG.*

**Potluck:** starts at noon. Bring something delicious to share!  
Plates, utensils, coffee & tea will be provided.

**Membership Meeting:** starts at 2:00  
Learn about upcoming guest artists, exhibitions, events and more!

**Guest Speaker:** Lynda Watson’s talk and slide show begins at 3:15

**See you there!**



THICKNESS OF METAL

# Made with Love

The Monterey Bay Metal Arts Guild is pleased to announce the 3rd Annual *"Made with Love"* exhibit  
February 1-28, 2013

at **Many Hands Gallery**, located at 510 Bay Ave. in Capitola, next to Gayle's Bakery.

Gallery Hours: 10:00—6:00 daily

Reception: Sunday, February 17, 2:00—4:00 pm

## MBMAG Artists in the show:

Pamela Ausejo  
Barbara Banducci  
Anna Belom  
Jerry Blanchard  
Robert Boscarelli  
Earl Bushey  
Jeff Caplan  
Joyce Chadderdon  
Sherry Cordova  
Kaia Cornell  
Toni Danzig

Nancy Finley  
Angela Gleason  
Dorie Green  
Fran Grinels  
Ina Hohensee  
Dea Keeton  
Maggie Klepp  
Gail Lack  
Ingrid Browning Lariviere  
Mary Luke  
Himani Natu

Bernadette Ngai  
Melissa Offutt  
Larry Probst  
Merry-Lee Rae  
Asha Ramesh  
Daria Salus  
Allison Sattinger  
Shari Seger  
Serene Silva  
Nancy Yee

# Made with Love...

An exhibition of new work by artists from the Monterey Bay Metal Arts Guild



February 1-28, 2013

Many Hands Gallery  
510 Bay Ave.  
Capitola, CA 95062  
(Next to Gayle's Bakery)

Hours: 10:00-6:00 daily

Reception: February 17, 2013  
2:00 - 4:00 PM

*"Rorschach Ring with Ruby"* by Fran Grinels

# An Afternoon Discussion with Lee Marshall and Brian Meek

By Mary Luke

Deep in the heart of Santa Cruz, in a tiny space filled to overflowing, is a little gem of a manufacturing plant where miracles take place daily. On a cold December afternoon, MBMAG members Anna Belom and Mary Luke spent a couple of hours with two very interesting and energetic gentlemen: **Lee Marshall** and **Brian Meek** of **Knew Concepts**. These two tinkerers work together designing tools and specialized parts. Their collaborative efforts have resulted in new and wonderful tools for the jewelry, metalsmithing, and woodworking communities.

Lee Marshall, as some of you may remember, was in the original *Metal Minglers* from whence MBMAG came. While in classes at Cabrillo College with Linda Watson, he heard about Susan Kingsley. She was making bolted together presses, and taught a workshop on how to make one. Lee wasn't in that workshop, but he kept hearing her name and all the talk about these presses. He was looking for something to do as a way to make a living, and looked at a way to improve on the press design using a brake. In collaboration and with encouragement from Susan, Lee started **Bonny Doon Engineering**. At the 1990 S.N.A.G. conference in San Francisco he set up a bunch of his presses. No one knew what these things were, and pretty much ignored his booth, until Tim Roark's 3-year-old son asked if he could make something. This boy was soon cranking out 4 leaf clovers and taking it a little too far, with a big POP!, over and over again. Soon there were crowds clamoring to see this wonderful new machine that even a 3-year-old could run. Lee couldn't have asked for a better salesman. The rest, as they say, is history.

Janice Lorber, of Santa Barbara City College, invited Lee to give a weekend workshop on hydraulic presses. Brian was teaching adult education metalsmithing classes at SBCC at the time. The presses that were supposed to arrive on Thursday for the weekend workshop got lost, and would not arrive until the following Monday, which was too late for the class. This



Lee Marshall (left) and Brian Meek

was where Lee and Brian met. Brian had made a press for himself and one for the classroom. He brought in his press, and with the one that was there and the ones they cobbled together, a wonderful connection of like minds was made and the workshop was a success.

Lee has since sold Bonny Doon to Phil Poirier in New Mexico. He gave some thought to retiring, but he had started toying with the idea of building a better jeweler's saw, which typically has a design that has been the same since the first one was built. He tweaked the basic saw design by talking with jewelers about what they liked or didn't like. He listened and learned and started producing a new design. In his search to do this another successful company was formed: **Knew Concepts**. They make those

wonderful red saws that we are seeing everywhere.

Brian programs the immense vertical milling machine, named Priscilla, with 24 tools that change automatically, and a lathe, affectionately called Dumbo.



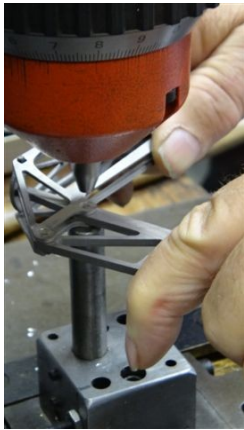
Knew Concepts saw frame

(Continued, page 5)

With the help of assistants Hai and Ray, they keep the machines running constantly, churning out modern masterpieces in tools. From their world headquarters in Santa Cruz they make 300 to 500 saws monthly, selling and shipping globally.

Around 2009 Brian relocated to the Bay Area and started teaching at Mission College Community Education. He and Lee reconnected and he started going over the hill to help out. He's been working with Lee ever since. Brian has his own tool company called **Eisenring Enterprises**. He makes those beautiful, functional black Delrin stakes for Betty Helen Longhi and Cynthia Eid. Betty and Cynthia's new book on forming (coming out in 2013) prominently feature these stakes. His programming of the mills and lathes allows him to make the complicated stakes and also create all the specialized metal parts for the Knew Concepts saws, which is no mean feat.

They find in designing together, neither one needs to slow down and explain things, as they communicate so well. They are constantly coming up with ways to improve their designs. Aluminum, steel and titanium are used for lightness and strength. Quick releases allow changing out a broken blade and slipping in a new one without re-tensioning. Birdcage construction keeps side to side twisting to a minimum. Swivel knobs put the saw blade at an angle allowing for sawing of larger pieces of metal. Their saws have been auto-mechanized for the production jeweler and sculptor. (The artist Daniel Brush uses this for his work.) All of these innovative ideas have been incorporated into Knew Concepts saws. Lee's motto is "buy once, buy well." Their tools speak to this credo. They are made beautifully, to work well for a long time.



These two can be found at 228 Fern St, Santa Cruz. It is not a space for visitors, and is too small even for the four of them. They are looking for affordable space to expand into in Santa Cruz. Please visit [www.knewconcepts.com](http://www.knewconcepts.com) to see the selection of saws and read Lee's blog.

Brian teaches metalsmithing at Mission College Community Education on Saturdays. Please go to the MCCE website for more info on the classes offered:

[http://www.missioncollege.org/community/comm\\_ed/enrichment.html](http://www.missioncollege.org/community/comm_ed/enrichment.html)

To see a sampling of Brian's beautiful works, visit his website [www.alberic.net](http://www.alberic.net)



# Alison Antelman: Custom Clasps

March 16 and 17, 2013

10 AM to 4 PM, Saturday and Sunday

\$275

Cabrillo College Small Metals Studio Room # 3001

6500 Drive, Aptos, CA

Alison Antelman is a master jeweler located at the Historic Sawtooth Building in Berkeley. She fabricates her gorgeous jewelry locally and exhibits and teaches nationally. Her clever and beautiful designs incorporate the mechanical and functional into stunning focal point handmade clasps, customizing each piece. Hollow forms allow her jewelry to be light and comfortable to wear, while being substantial. Please join us as she unlocks the secrets of her keyhole and box form clasps.

To participate please contact [outreach@mbmag.org](mailto:outreach@mbmag.org).

It is first come – first served seat availability. Once I receive your email I will confirm and give you a participant number. You must have a participant number assigned to you. Payment will be either through Paypal online or by check (within 3 days receiving a confirmation number.)

There are 15 MBMAG seats available and 5 Cabrillo College Seahawks Metal Arts Club Seats. You must be a current member of MBMAG to participate in those seats.

Please go to <http://www.mbmag.org/join-mbmag> to join or renew a membership in MBMAG. Our membership is a calendar year and goes from January 1 through December 31.

The Cabrillo College SMAC seats will be arranged via SMAC, you must be a current Cabrillo College Student and a member of the SMAC to participate.



Alison Antelman, bracelet

## EXPERIENCE METAL

By Toni Danzig

The Monterey Bay Metal Arts Guild was invited to participate in the Santa Cruz Museum of Art and History's summer event "Experience Metal" in August.

Well, if there is one thing we all do, it's experience metal!



We collectively came up with ideas for demonstrations, workshops, and hands-on experiences for the public. The Make-A-Bracelet workshop is always a hit so we knew that we wanted to do that. Board Member Angela Gleason, owner of the Jewelry Toolery at the Tannery Art Center volunteered to demonstrate and hold a workshop on casting pewter. Dawn Nakanishi, jewelry and small metal arts instructor at Cabrillo College, volunteered to demonstrate fold forming. We still needed another hands-on workshop to propose to the museum. Board Member Maggie Klepp said "how about a Crazy Quilt in metal"? And a wonderful idea was born. The public would texture, color, manipulate, rivet and otherwise design squares of copper, which would then be applied to a wire grid.

Over 500 people attended the sun-filled two-day event. MBMAG displayed two cases of members' work in the atrium of the museum. Children, mothers, fathers and grandparents (as well as quite a few dogs) everyone got into the spirit and forged, colored, riveted, pounded and folded metal. MBMAG and its Cabrillo College student adjunct SMAC (Seahawk Metal Arts Club) brought over 40 volunteers to assist for the two days. Torches blazed, hammers sung and metal glistened.

In the end, people went home with beautiful copper cuffs and pewter bangles and the Crazy Quilt looked quite wonderful; nothing like the original image we had in mind. That is the essence of a community working toward a goal and enjoying the process.



Angela Gleason demonstrates pewter casting



Toni Danzig, Annette Nemes and Elsa Etcheverry set up a metal working station.



## Tips and Techniques

This article is by John Rose of the Metal Arts Society of Southern California (MASSC).  
It appeared in the Nov./Dec. 2011 issue of the MASSC newsletter. [www.MASSCOnline.com](http://www.MASSCOnline.com)

### The Secret to Peacock Patina Colors on Silver

by John Rose of 2Roses

We've all worked with Liver of Sulfur (LOS) to create a black patina on silver. You can also use LOS to create a rainbow of other colors ranging from yellows, oranges, reds, purples and blue.

Silver exposed to LOS goes through this range of color on its way to black, but you don't normally see it because it happens so fast. Sometimes, artists achieve a colored effect with LOS, but are not quite sure how it happened. The secret lies in slowing down the coloration process. Really slowing it down.

With LOS there is a regular progression of color change... from yellows to reds to greens to blues to purples before the piece approaches the gray/black zone.

The secret is to severely dilute the LOS solution with water. This will have the effect of slowing down the color progression process.

Interesting additional effects can be created by adding a tiny pinch of table salt and/or drops of household ammonia to the LOS solution. Heating the solution will also change the effects.

When your piece has achieved the desired color(s) it must be sealed with wax or some other coating to stabilize the color and prevent further oxidation. ■



and here's more about Liver of Sulphur from the **Ask the Experts** feature by contributing editors, Tom & Kay Benham from **Lapidary Journal Jewelry Artist** magazine, Sept/Oct 2012 issue, page 65:

### Patina Success with Liver of Sulphur

Many community water supplies have high concentrations of iron, limestone, and sulfur, so chlorine or other chemicals are added – which can cause an uneven patina coating. In addition, many home wells may also have these elements as well as fine sand in the water. We always use distilled water for repeatable results, and we mix our water and liver of sulphur gel in a large container.

1. Work with the water at room temperature to develop the colors more gradually over time and with a wide gradation of colors.
2. Dip the metal in the solution and swish it around. Rinse in a container of distilled water, then brass brush the piece with detergent, rinse and then dip in the patina solution again.
3. Repeat this process to build up the depth of the patina in several layers.
4. Use a small paint brush for reaching into small areas if you only want to apply patina to selected areas.
5. Once you're happy with the patina and the piece has dried, seal it with Renaissance wax or protective spray.

In case you're wondering: there are two spellings for this "Liver of..." patina: *sulphur* is the British spelling and *sulfur* is the American spelling.



## About Monterey Bay Metal Arts Guild (MBMAG)

**Mission Statement:** The art and craft of fine metalworking is an ancient and noble pursuit. It is the mission of the Monterey Bay Metal Arts Guild to celebrate that art through public education, exhibitions and workshops.

### How to Contact:

MBMAG  
P.O. Box 2468  
Santa Cruz, CA 95063

**Website:** [www.mbmag.org](http://www.mbmag.org)  
(website is in the process  
of being redesigned)

### Board members:

Elsa Etcheverry	President
Toni Danzig	Vice President
Laura Howard	Secretary
Angela Gleason	Treasurer
Mary Luke	Director
Barbara Banducci	Director
Dorie Green	Director
Maggie Klepp	Director

### A few Links:

Monterey Bay Metal Arts Guild  
[www.mbmag.org](http://www.mbmag.org)

Metal Arts Guild of San Francisco  
[www.metalartsguildsf.org](http://www.metalartsguildsf.org)

Metal Arts Society of Southern California  
[www.massconline.com](http://www.massconline.com)

Creative Metal Arts Guild, Portland, OR  
[www.cmaguild.org](http://www.cmaguild.org)

Northern California Enamel Guild  
[www.enamelguild.org](http://www.enamelguild.org)

Ganoksin  
[www.ganoksin.com](http://www.ganoksin.com)

Velvet da Vinci Gallery  
[www.velvetdavinci.com](http://www.velvetdavinci.com)

Send your favorite  
Art Jewelry/Metal websites to:  
[newsletter@mbmag.org](mailto:newsletter@mbmag.org)

### How to join the Monterey Bay Metal Arts Guild

#### When you join MBMAG you will have access to:

- the Guild's website Members Pages, the newsletter and the mailing list announcements featuring events listings, reviews, metal arts news, and more;
- Workshops with dynamic instructors (separate fees per course – first registered basis);
- Group Exhibitions of new work created by Guild members;
- Membership Roster of Guild members;
- Invitations to special interest activities such as exhibitions, lectures, classes, the Winter & Summer Guild Parties and other events;
- Internet exposure on the Guild Members Gallery pages;
- and... the support and camaraderie of talented people working in metal!

Bi-Annual membership meetings are held at the Winter and Summer Parties in January or February and in August.

Membership in the Monterey Bay Metal Arts Guild is \$35.00 per year (January 1, through December 31).

#### Send Membership / Renewal payments to:

Monterey Bay Metal Arts Guild  
Post Office Box 2468  
Santa Cruz, CA 95063

Or... Join on our website:

Make checks payable to: **MBMAG** <http://www.mbmag.org/join-mbmag>

