

Artists Reception
Saturday
Sept 13, 2014
6pm to 9pm

Saddleback College Art
Gallery
28000 Marguerite
Parkway Mission Viejo,
CA 92692

**Free Parking night of
Artists' Reception only**

Sponsored by Metal Arts Society of
Southern California (MASSC)
Hosted by Saddleback College Art
Gallery

The Metal Arts Society of Southern
California (MASSC) is honored to
present a national juried exhibition
open to those working in the field of
Jewelry, Metalsmithing, and Enamel-
ing. Over 40 original works will be
displayed and many will be for sale
to the public. The distinguished
panel of jurors include David Freda,
Barbara Hendricks, and Marne Ryan.

MASSC...“challenged the artists to
honor and commemorate extinct
and endangered species in works of
metal that show mastery in tech-
nique to the beauty and grace of the
vanishing natural world.”

METAL EXTINCTION

METAL ARTS

SOCIETY OF SOUTHERN CALIFORNIA

Sept/Oct 2014



FREE ADMISSION: EVERYONE INVITED

Concurrently featured will be the award winners from a jewelry competition highlighting works done by students of the Saddleback College jewelry classes and the Emeritus classes.



President's Message

from Diane Weimer

Save the dates!!

MASSC membership renewal date **Sept. 1**,
Individual-\$30,
Student-\$20,
Dual- \$45

This year we provided workshop opportunities, the holiday party, newsletters, Raffle prizes, Demo Day, Jewelry Challenge, Metal Extinction Show.

Go to www.massconline.com renew your membership.

Metal Extinction Show, Monday, Sept. 8 – Oct. 3, 2014,
Saddleback College Gallery. Friends and Family are WELCOME!
Saturday, **Sept. 13 ARTIST RECEPTION.**

Demo Day, Long Beach City College, **Sept. 21**, 10am-3pm...
doors opening at 9:30, sign up online
Raffle prizes abound. Lunch included, \$20
Fold Formed Flower Demo with Melinda Alexander
Etruscan Chain Demo with Kristina Grace
Micro Pulse Arc Welding Demo with John Rose of 2Roses
Toaster Powder Coating Demo "KitchenSmith" Rachel Shimpock
Convert Old Railroad Spikes into Stakes Demo
with Laurie Union

Holiday Party & Potluck, Nov. 22, 1pm- 4pm, Ketarah Shaffer's house, 29611 Vista Plaza Dr. Laguna Niguel,
Ornament exchange, bring a dish to share. All will leave with a swag bag. In previous years we have made file rolls, plier rolls, Homemade Pripp's and included them in the swag bags.

Don't miss this opportunity!!

abcdefg= DESSERT

hijklmn= MAIN DISH

opqrst= SALAD,

uvwxyz= APPETIZERS,



DEMO DAY 2014

Sunday Sept. 21, 2014
at Long Beach City College

There will be a raffle with
EXCITING PRIZES"

Check in at 9:30 am
Presentations start at 10:00 am

This event is open to all. You do not have to be a MASSC member!

Cost for a full day of fun and learning with your friends:
\$20 (includes lunch)

Register at
www.massconline.com

Fold Formed Flower Demo with Melinda Alexander

Learn a technique to fold form tubing to make a flower shape that you can use in many ways.



Etruscan Chain Demo with Kristina Grace

This demo will illustrate the different weaves and give a brief history of Etruscan Chain. Kristina will cover how to fabricate and mold corresponding end caps for production and as a bonus, you will learn how she prices and costs out this type of work. www.kristinagracedesigns.com



Micro Pulse Arc Welding Demo with John Rose of 2Roses

Micro pulse arc welding is a super-fast and efficient technique for the small jewelry production studio that eliminates the need for soldering. See a demonstration of the various applications of this technology for jewelry making. www.2Roses.com



Toaster Powder Coating Demo

with "KitchenSmith" Rachel Shimpock
Powdered Plastic that fuses into a glassy plastic surface in a home toaster oven? Easy, quick and inexpensive powder coat is a fun way to add color to many surfaces. If you love adding color to your work, this is another tool in your toolbox! www.rachelkassia.com



Convert Old Railroad Spikes into Stakes Demo

with Laurie Union
Learn step by step how to convert a rusty old railroad spike into a useable affordable metal stake for forging and forming.



Marilee was wonderful. She demystified the process of making these magical gems.

Demos included drilling, setting a tube, inlaying wires to look like dots or discs, inlaying a wire as a line, inlaying a tube-set stone.

There was a screen right behind Marilee, so that all participants could view the close-up work.

Marilee's explorations lead to finding the best tools for the job from lascodiamond.com. She provided the participants with an invaluable kit, containing burs and a cutting disc. Each corresponds to a specific gauge of wire or diameter of tubing. Use electronic micrometer to ensure the best match.

Here is the listing of what was in the kit and which Lasco diamond burs work best:

- (2) Piano wire burs--1.5 and/or 1.25 dia. They are used for the starter holes.
 - (1)B20
 - (1)B30,
 - (1)B40 and
 - (1)slitter with 3/32" shank: BD10-2 150 grit (for 20g wire)
 - (2) 3mm precut bezel tube settings
 - (3) 3mm faceted stones
- Cyanocrylate glue (Superglue)
large selection of river rocks.

Participants brought:
flex shaft and bench tools.

Silver Inlay in River Rocks

a workshop at Saddleback College

with Marilee Neilson

Written by kathleen fochtman-gambs

18" of 20 gauge fine silver wire
12" of 18 gauge fine silver wire
12" of fine silver tubing with 2.3mm outside diameter (Rio #100-930)
12" of sterling silver tubing with 3.7mm outside diameter (Rio #100-954)

Studio equipment used:
3M fine deburring wheel and a Tripoli buff



General Information--Pick a stone/Drill a stone:
Though finding the perfect stone on the shore is romantic, ones from Michaels, from floral supply stores and from garden stores work beautifully. Once a commitment is made to the perfect stone, compose where the silver will be inlayed, with pencil.

Hold the stone under water in a thick, plastic, container form, such as Rubbermaid lid, or a Certs Ice Breaker's mint



container. It is possible (and probable) to drill into the plastic container when pushing the bur through the end of the hole. Thicker plastics will survive the abuse.

Using the piano bur, in the flex shaft, create an indentation, a starter hole, by holding the bur about 45° to the stone's surface. One will see a cloud of dust, in the water, indicating successful drilling. Once the starter hole is made, Bring the bur to a 90° angle and start drilling, BUT ONLY FOR ABOUT FIVE SECONDS AT A TIME!! PULSE IT! Marilee has not had a problem with blow-out on the far side. One participant noted that if blow-out became a problem, coating that area with dop wax was helpful.



Tube setting:

After the hole is successfully drilled (maybe 5+ minutes), re-drill the hole with the B30, to accommodate the fine silver tubing. Measure the tubing, so that there is about ≥ 2 mm on each side of the stone. Saw and deburr. Set the tubing into the stone and flare each end with center punch. Finish setting the tuber rivet with a rivet hammer. Finish on the Tripoli wheel. Yeah! Project one is completed!



Inlaying dots/discs:

Ball the ends of 20g. fine silver wire with flame. Starting with wire lengths of 3/4" is adequate. Drill as above, but do not go through the stone. Stop about 1/4" in. Hopefully leave about 1/4" of the stone undrilled. For larger dots, re-drill the hole at its entry point with the B20. Cut balled wire so that about half of the ball remains above the surface of the stone. Glue in place with Superglue. Wipe excess glue away with a paper towel. Let the stone sit for at least five minutes. With stone resting on leather or neoprene, hammer the ball(s) into the stone. "Grind" away excess silver on the 3M deburring wheel. Add luster with Vaseline. Yeah! Second project completed.

Faceted stone inlay:

Set the stone into the pre-cut bezel tube setting. Set with stone setter/ bezel setting tool and a brass mallet.

The set of bezel setters should look like concave cones in round, steel stock. (Reports indicate that the set from Rio it is stepped and ineffective.) Always strike with a brass-head mallet to avoid splitting/breaking the setting tools. Drill the stone/river rock with the piano bur. Re-drill using the B40. Check depth to make sure tube setting will sit at surface of stone. Superglue tube setting into hole. Gel Superglue may fill voids and require less clean-up.

Setting Wires as lines around the stone: Using the slitting disc, cut a line along your pencil marking. Cut deeply enough so that about 3/4 of the wire is below the surface of the stone. Add a drop of Superglue to the edges of the wire, on the front side. On the back side of the stone, overlap the 20g wire



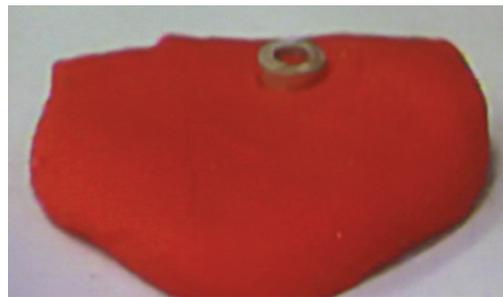
by about 1/4 inch. Bend the two overlapping wires to a 90° angle from the stone. Using flat nose pliers, carefully twist the two ends, like a baggie twist tie. Superglue the back side; let sit for 10-15 minutes.

Starting in the front, burnish the wire into the stone. Deburr on the 3M deburring wheel. Then, cut off the twist and trim the ends, so they meet. If necessary, apply a couple of drops of Superglue, then clamp the wire down into the channel with flat nose pliers. Wait another 10 minutes, before



deburring, then finishing with Tripoli. Apply Vaseline for luster.

Polymer Clay (for dots of color): Everything needs to be clean and stay clean. Specks of dirt will show! Follow directions on packaging for temperature and time. Cut tube to desired length and angle/contour. Press a small ball of clay onto a clean surface. Press to desired thickness (about the same height of the tube. Press the top



of the tube setting into the clay. Clean up the silver tubing and clay, as necessary. The tube may be put into the stone, then into the toaster oven. The stone acts a perfect holder for the tube. After the polymer clay is cured/baked, let it cool to room temperature. Glue in place with Superglue. Lots of techniques were taught sequentially and with the right tools. Thanks to Marilee for sharing and making everything seem so simple. It was great to play.





There are all sorts of wedding bands available to women: ornate, delicate, filigreed. Look upon the ring fingers of most married men, however, and you'll likely see the exact same thing. A big, thick, boring slab of metal.

Jeff McWhinney, a machinist and designer from California with a background in bicycle and skateboard design, thought it could be done differently. McWhinney wondered why women always wear their wedding bands while men often don't, and so he created a line of wedding bands specifically geared to active men, with a unique clamping design that not only looks cool, but can help prevent accidents as well.



In celebration of their 10th anniversary a few months back, Swiss company Atelier XJC launched an onsite laboratory to study new components and materials in order to create original, offbeat objects. As you can see, they certainly succeeded in their goal. Working in collaboration with various prestigious manufacturers, Xavier Perrenoud and his team have pushed the boundaries on the definition of jewelry and accessories design.

“Word-spiration”

gos·sa·mer

[gos-uh-mer]

noun

1. a fine, filmy cobweb seen on grass or bushes or floating in the air in calm weather, especially in autumn.
2. a thread or a web of this substance.
3. an extremely delicate variety of gauze, used especially for veils.
4. any thin, light fabric.
5. something extremely light, flimsy, or delicate.

Each month the MASSC newsletter will feature the designs sent in by members inspired by the Word-spiration. Send submissions in the form of drawings/ photographs (300 ppi) to Diane at diaweimer@verizon.net with the subject: “wordspiration” along with a short description about how the word inspired the design.



Last Issue's Wordspiration: Divergent
from Trish Mc Aleer
“Dancing Silversides” 1 and 2



Silverside Fish

MASSC Video Library Now Available on DVD

The MASSC video library currently has 19 videos on DVD of past workshops that members can check out. These DVDs are direct videotapes of actual workshops and have not been edited. Watching a MASSC workshop video is akin to being there in person.

Workshop Videos Include:

NEW - Pauline Warg- Carved Bezels

NEW - Jillian Moore - Resin in 3D

NEW - Sarah Doremus- Kinetic Jewelry

Charity Hall - The Brooch Approach

Demo Day 2011 - 5 demos

NC Black Micro-Shell Forming

Alison Antleman - Custom Clasps

Belle Brooke Barer - Sculptural Hollow Ring

Diane Falkenhagen - Mixed Media Techniques for Jewelry

Leslee Frumin - Classy Clasps

Mary Lee Hu - Weaving and Chains

Charles Lewton-Brain - Fold Forming

Betsy Manheimer - Fold Forming

Trish McAleer - Metal Corrugation

Bruce Metcalf - Jewelry Alternatives

Ben Neubauer - Wire Fabrication

Harold O' Connor - Surface Embellishments &
Efficient Workshop Methods

Katherine Palochak - Tufa Casting

2Roses - Metal Patination

Carol Sivets - Metal Reticulation

Lisa Slovis Mandel - Hydraulic Press

Carl Stanley - Cuff Bracelet

Pauline Warg - Metal Beads

Wayne Werner - Stone Setting

Betty Helen Longhi - Forming Techniques

Jeanne Jerousek McAninch - Chain Making

A \$20 donation is necessary to check out each DVD. This includes the use of the DVD plus 2-way shipping. There is no additional security deposit. Members can keep each DVD for up to 30 days. Videos can be checked out on the MASSC website at www.massconline.com. Click the "Video Library" link on the home page.

It's that time again!!!!

MASSC Membership Renewal Is Due

A few of the benefits your MASSC MEMBERSHIP brings you are:

- Workshops with nationally recognized artist
 - Demo Days
 - Newsletters
 - *Challenges
 - Exhibits
 - Gathering and tool exchanges
 - and Most importantly the chance to link up with other metalworkers
- Renew your membership now at massconline.com

Board Meetings:

Nov. 22 (before the holiday party), Jan 11

Did you change your email? Don't miss your MASSC newsletter and workshop announcements. Send changes to Jan Reimer at rreimer@socal.rr.com



MASSC Vision Statement

Shaping the future by preserving metal art heritage, discovering new methods while sharing our knowledge and resources.

MASSC Mission Statement

To educate the Community, inspiring and challenging those who seek excellence in jewelry and metal arts, while providing educational, visual material and experiential connections.

SHOW US YOUR BENCH



by Janette Parker

While converting my condo loft into a metalsmithing studio, I spent many hours thinking about my dream workbench. I talked with both Deb Jemmott and Connie Fox about what they liked and didn't like about their workspaces and benches, and then spent many hours searching the web for bench options. When I stumbled upon a custom bench designed and made by artist Francis Chandler, I knew I was done looking. Based on feedback from Mr. Chandler, I developed a short list of modifications for my bench and asked my contractor to build it.

The size of my bench is 80x32x34. I designed the overhang on the left to allow storage of my acetylene tank and the hammer cart when it's not in use. Each of the shelves on the left slide out to access things in the back, and the top drawer on the right is actually a "breadboard" pull-out. I use it for sketching and it displays all of my quick reference cheat sheets. I like the GRS Bench pin kit with adjustable height bracket because it makes it very easy to adjust the working height for different tasks, or remove the

bench pin all together when I need to. Just to the right of the bench pin, is a recessed area that holds a 6x6 bench block. The stand to the right may look like an I.V. stand but it's actually a multi-purpose metalsmithing stand. I "embellished" it by drilling a hole in a DIY Lazy Susan blank from Lowes, slid it over the wheels, and now it can easily move my flex shaft to other areas of the studio, and my saw, aprons, mask and safety glasses always follow!

My wonderful brother in law designed and built my hammer stand. It holds up to 55 hammers, and can be wheeled over to the bench or my forging block, which is partially visible in front of the bench. He also designed and built the forging block, which I wanted to use while seated. The top of the forging block holds my anvil, vise, and Bonny Doon Vertical Vise, and the bottom shelf holds a variety of forming tools, etc. If you have any questions, or interest in a forging block or hammer stand, feel free to contact me at janette-marie@charter.net

Thank You to Our Sponsors

Otto Frei
<http://www.ottofrei.com/>

Rio Grande
<http://www.riogrande.com/Home>

Contenti Company
<http://www.contenti.com>

Brynmorgen Press
<http://www.brynmorgen.com>

Bejeweled Software Co.
<http://jewelrydesignermanager.com>

Knew Concepts
<http://knewconcepts.com>

Halstead Bead
<http://www.halsteadbead.com>

Monster Slayer
<https://www.monsterslayer.com>

EGGM
<http://www.eggmenterprises.com>

ShelTech
<http://www.sheltech.com>

Fire Mountain Gems and Beads
<http://www.firemountaingems.com>



MASSC Board of Directors

President	Diane Weimer	562-596-5841	diaweimer@verizon.net
Program Chair	Angelina Ciulik		massc.vp@gmail.com
Recording Secy	Jennifer Polson	714-222-5629	jnoslop@gmail.com
Corresp. Secy	Angela Roskelley	562-818-8468	angelaroskelley@gmail.com
Treasurer	Janette Parker	562-433-8004	Janette-Marie@Charter.net
Marketing	John Rose	714-778-5336	john@2Roses.com
Membership	Jan Reimer	714-206-7785	rreimer@socal.rr.com
San Diego Rep	Connie Fox	619-276-1356	conniefoxjewelry@gmail.com
	Carol Sivets	619-281-6447	ladysmith@fastmail.fm
Hospitality Chair	Doreen Endo	310-200-8158	doreen.endo@yahoo.com
Videographers	Nancy Monkman	818-705-4565	nanman@mac.com
	LaVerne Christenson	714-531-4041	laverne@socal.rr.com
Video Archives	Nancy Jo Stroud		uniquesbynj@cox.net
Newsletter Guy	Duke Sprue		DukeSprue@massconline.com
Newsletter Assitant	Pat Wierman		goddesswoman@hotmail.com
Webmaster	Corliss Rose	714-778-5336	corliss@2Roses.com
Board Members at Large	Kristina Moore		kristinagracedesigns@gmail.com
	Trish McAleer		tmcaleer@cox.net
	Raminta Jautokas		raminta@flash.net
	Ketarah Shaffer	949-643-9693	ketarah@earthlink.net

MASSC web site: www.massconline.com

MASSC Newsgroup: MetalArtsSociety-subscribe@yahoogroups.com

MASSC on FaceBook: <http://www.facebook.com/groups/134035216002/>

MASSC serves the needs and interests of artists working in metals and provides an environment for the exchange of information, instructional workshops, demonstrations, lectures, and panel discussions. Annual dues Sept 1-Aug 31); Regular Member, \$30; Family, \$45; Full-time Student \$20. Please add \$20 to your annual dues if you would like to receive a printed copy of the MASSC newsletter. All others will receive the newsletter via email. Membership forms are available at www.MASSCOnline.com