

## ***Summer with the Masters***

*a unique alloy of renowned  
instructors, inspired students,  
and contemporary metalworking  
and jewelry techniques*

**Bonnie Bishoff**

**Michael Boyd**

**Ben Dory**

**Cynthia Eid**

**Pat Flynn**

**Michael Good**

**David Huang**

**Amy Roper Lyons**

**Jayne Redman**

**Paulette Werger**

**Joe Wood**



*Granulated jewelry by Ben Dory*

Early Bird Discount - Save 5% off tuition if you register one month or more before the start of any class or workshop!

Metalwerx | 50 Guinan Street, Waltham, MA 02451 | 781-891-3854 | [info@metalwerx.com](mailto:info@metalwerx.com) | [www.metalwerx.com](http://www.metalwerx.com)

# Making Moves

Metalwerx invites all artists to apply to its spring exhibition, Making Moves. This show will center around work that incorporates kinetic elements, focusing on movement of the body, and pieces that involve motion.

For more information about the exhibition and to apply, visit [metalwerx.com/events](http://metalwerx.com/events)

Entry Deadline: March 16th  
Opening: Friday, April 17th

On View: April 16-19  
at Lincoln Arts Project,  
289 Moody Street,  
Waltham, MA 02453

Awards given to pieces with the "best moves."

Examples by: Tanya Crane,  
Jera Lodge, Nash Quinn,  
and Paulette Werger



# Metalwerx Outreach Program



Did you know that Metalwerx has an outreach program? We have designed this offsite workshop program to provide local community members, schools, and other nonprofit organizations with access to metalworking and jewelry making education. We bring the studio to you! These simple projects are designed to encourage creative expression while providing basic metalworking knowledge to students of all ages.

#### Project options include:

Custom Stamped Pendants & Keychains  
Striking Silver Wire Earrings  
Pearl Knotting  
Barware Tools & Accessories  
and more!



Metalwerx is very grateful to MCC for their support of our Outreach Program!

Interested in partnering with Metalwerx on an offsite workshop? Please email [registration@metalwerx.com](mailto:registration@metalwerx.com) for more information and to discuss options.

## Spring / Summer 2020 Course Catalog

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# Spring Courses 2020

March 30 -  
June 7, 2020

## Weekly Classes Spring 2020

### *Mondays*



*Student work*

### **Basic to Unusual Stone Settings**

with David Baird

This course will provide training and solutions for a range of stone setting techniques aimed at dressing up or enhancing jewelry designs. Students will make and manipulate bezel, tube, taper, prong, and bead settings, which will be made from scratch. Starting with a review of these settings, students will refine their approach to designing a setting, placing emphasis on visual interest, but most importantly on a perfect fit. There will also be demonstrations on stabilizing uniquely shaped gems. No-class dates: April 20; May 25. Make-up date: June 8.

March 30 - June 1; 10am - 1pm  
Basic and above; Jewelry 1 skills required  
\$435 (Early Bird: \$413.25); Kit \$75



*Bob Smith, student*

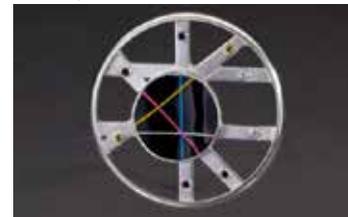
### **Directed Studio Practice**

with David Baird

Students looking to work on projects independently with guidance offered by a professional can do so in this course. Get advice on unfinished projects and other design ideas. This class is loaded with great bench tips to guide students through projects with success. Discuss designs one-on-one with the instructor or in a group. Technical demonstrations will respond to participants' interests; wax working, soldering, and stone setting are among the many possibilities. No-class dates: April 20; May 25. Make-up date: June 8.

March 30 - June 1; 1:30pm - 4:30pm  
Intermediate & above; Jewelry 2 skills req'd  
\$435 (Early Bird: \$413.25); Kit \$10

### *Tuesdays*



### **Jewelry 2**

with William Vanaria

If you have already learned the basics of jewelry and metalsmithing and want to take your skills to the next level, then this is the class for you! Build upon the basic jewelry techniques taught in Jewelry 1, to create more complicated pieces of jewelry. Students will learn advanced soldering techniques, more exciting stone settings, tool making, and strategies to design and produce successful jewelry. Your skills will then be tested with a final project that employs the skills learned to create a wearable hollow form. No-class date: April 21. Make-up date: June 9.

March 31 - June 2; 10am - 1pm  
Basic and above; Jewelry 1 skills required  
\$485 (Early Bird: \$460.75); Kit \$65

# Weekly Classes Spring 2020

Tuesdays cont'd.



Student work

## Skill Builder Series

with William Vanaria

This class combines several skill building topics and presents them in a weekly format with the goal of improving hand skills using a series of technical exercises. Emphasis will be placed on soldering, precision filing, sawing, and finishing. The class will culminate with a final project that puts these skills to the test as students fabricate an intricate piece of jewelry. Build upon fundamental jewelry making techniques and acquire elevated bench skills that will prove to be an asset with any jewelry project! No-class date: April 21. Make-up date: June 9.

March 31 - June 2; 1:30pm - 4:30pm  
Basic and above; Jewelry 1 skills required  
\$485 (Early Bird: \$460.75); Kit \$45

## Jewelry 1

with Diane Lawton

This introductory course focuses on developing foundational skills, good studio habits, and an appreciation for craftsmanship. Students will learn essential fabrication techniques by producing one-of-a-kind jewelry through sawing or piercing out shapes, soldering and annealing metal with a torch, texturing surfaces with hammers, pattern transfers using a rolling mill, and bezel-setting. Students will make sample pieces, as well as a textured silver ring and pendant with a set stone. No-class date: April 21. Make-up date: June 9.

March 31 - June 2; 6:30pm - 9pm  
Beginner; No experience needed  
\$435 (Early Bird: \$413.25); Kit \$40

Wednesdays



Mike Moretti, student

## Directed Studio Practice

with David Baird

Students looking to work on projects independently with guidance offered by a professional can do so in this course. Get advice on unfinished projects and other design ideas. This class is loaded with great bench tips to guide students through projects with success. Discuss designs one-on-one with the instructor or in a group. Technical demonstrations will respond to participants' interests; wax working, soldering, and stone setting are among the many possibilities. No-class date: April 22. Make-up date: June 10.

April 1 - June 3; 10am - 1pm  
Intermediate & above; Jewelry 2 skills req'd  
\$485 (Early Bird: \$460.75); Kit \$10



## Jewelry 1

with Joy Raskin

This class presents students with the fundamentals of metalsmithing. Learn how to effectively shape, join, polish, texture, and patina metal. Other jewelry techniques such as stone setting will be touched on briefly. Discussions about metal alloys and their applications in jewelry making will take place throughout the session and students will learn the "whys" and "hows" of metal as they work with it. Students will walk away with many samples, at least one jewelry piece, and numerous new skills. No-class date: April 22. Make-up date: June 10.

April 1 - June 3; 1:30pm - 4:30pm  
Beginner; No experience needed  
\$485 (Early Bird: \$460.75); Kit \$55

# Weekly Classes Spring 2020

Wednesdays cont'd.



## Jewelry 2

with William Vanaria

If you have already learned the basics of jewelry and metalsmithing and want to take your skills to the next level, then this is the class for you! Build upon the basic jewelry techniques taught in Jewelry 1, to create more complicated pieces of jewelry. Students will learn advanced soldering techniques, more exciting stone settings, tool making, and strategies to design and produce successful jewelry. Your skills will then be tested with a final project that employs the skills learned to create a wearable hollow form. No-class date: April 22. Make-up date: June 10.

April 1 - June 3; 6pm - 9pm

Basic and above; Jewelry 1 skills required  
\$485 (Early Bird: \$460.75); Kit \$65

Thursdays



## Surface Embellishments

with Wendy Jo New

Spend three weeks learning how to add dimension and complexity to the surface of metal through texturing methods using hammers, a rolling mill, and a microfold brake, in addition to surface alterations involving the keum-boo and solder inlay processes. Students will also further their surface adornment knowledge with various patination techniques, expanding their understanding of color application on metal. Learn how to incorporate new skills in each class while making functional and wearable pieces of jewelry. Make-up date: April 23.

April 2 - April 16; 10am - 4pm

Basic and above; Jewelry 1 skills required  
\$395 (Early Bird: \$375.25); Kit \$65



## Soldering Intensive

with Cristina Pabon

In this course, students will focus on and hone their soldering skills. Numerous joinery techniques will be practiced while working on samples with varying degrees of intricacy and methodology. Copper, brass, and silver will be discussed and utilized extensively. Working in gold will also be covered. This class will focus heavily on building up high levels of soldering proficiency as the instructor leads students with industry level expertise. Feel more confident at the torch through this intensive weekly class. Make-up date: June 11.

April 30 - May 14; 10am - 4pm

Basic and above; Jewelry 1 skills required  
\$395 (Early Bird: \$375.25); Kit \$65



## Chain Maille Essentials

with Karen Karon

Chain maille is an ancient art form originally used to create garments worn for protection in Europe, the Middle East, and Asia. Led by expert jeweler Karen Karon, our chain maille workshops teach students how to transform classic patterns of connected jump rings into striking pieces of jewelry. This 3-week class focuses on teaching students how to create Byzantine, European 4-in-1, and Half Persian 3-in-1 weaves. Numerous chain maille patterns are based on these, as they present a foundational framework for the process. Make-up date: June 11.

May 21 - June 4; 10am - 4pm

Beginner; No experience needed  
\$395 (Early Bird: \$375.25); Kit \$125

Thursdays cont'd.



## Directed Studio Practice: Forming

with Mary Fisher

This is an opportunity for students to work on independent forming projects with guidance offered by Mary Fisher. Finish up projects hiding in your bench, get advice, and delve into unrealized designs. Many technique and studio tips will be given to guide students through projects with success. Demonstrations will respond to participants' interests and needs; anticlastic/synclastic forming and raising techniques are among the many possibilities that can be explored in this weekly class. No-class date: April 23. Make-up dates: June 11.

April 2 - June 4; 6pm - 9pm  
Intermediate & above; Jewelry 2 skills req'd  
\$485 (Early Bird: \$460.75); Kit \$10



## Chain Maille: Sense of Humor Staggered Sheet

with Karen Karon

Chain maille is an ancient art form originally used to create garments worn for protection by warriors from Europe, the Middle East, and Asia. Led by expert chain maille jeweler, Karen Karon, our chain maille workshops teach students how to transform classic patterns of connected jump rings into striking pieces of jewelry. This workshop will focus on constructing a bracelet and set of earrings using the Sense of Humor weave, a Staggered Sheet weave that's silky, slinky, and behaves like fabric.

Fri, April 24; 10am - 5pm  
Advanced; Advanced Chain Maille  
Experience Req'd  
\$155 (Early Bird: \$147.25); Kit \$160



## Pearl Knotting Seminar

with Mary Stachura

Study the classic art of pearl knotting from an expert in the pearl trade. This workshop will begin with an overview of pearl types and shapes, how to buy a good strand, spotting fakes, and proper care. Demonstrations on knotting and termination methods for a variety of closures will follow. Practice crimping, attaching a clasp, using a bead tip, French wire/bouillon, as well as making an endless necklace with no clasp at all. There will be an opportunity to buy additional pearls from Joseph P. Stachura Co., Inc.

Fri, May 8; 10am - 4pm  
All Levels; No experience needed  
\$110 (Early Bird: \$104.50); Kit \$55



## Tube and Flush Setting

with Joy Raskin

Explore tube and flush setting, two popular stone setting techniques that can add sparkle to jewelry without a great deal of expense! In just one day, students will fabricate a half-round silver ring band embellished with three stones. Participants will first learn to set stones in a tube-setting, a type of a bezel made from thick-walled tubing, and then move on to using burs to cut "seats" for flush setting smaller stones on either side of the band. Variations will be demonstrated and students should expect to leave with a finished product.

Sat, May 9; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$155 (Early Bird: \$147.25); Kit \$30



## Stackable Rings

with Alanna Robbins

This one-day workshop shows students of any skill level how to make a series of silver, stackable rings. Participants will receive wire, sheet metal, bezels, and loose stones to turn into as many as six coordinating rings to wear together or alone. As the workshop progresses, students will be introduced to fundamental skills that are essential to metalsmithing, like sawing, soldering, texturing, and putting a final finish on each piece. Sizing rings and bezel-setting cabochon stones will also be covered.

Fri, May 29; 10am - 5pm

Beginner; No experience needed

\$155 (Early Bird: \$147.25); Kit \$55



## Skill Builder Series: File Carved Rings

with William Vanaria

Learn how to master the hand file and add embellishments to your work through decorative filing techniques. Students will explore this deceptively simple tool in depth and will learn about the various types of files out there, their applications, and how to get the most out of their function. Add another notch onto your hand skills repertoire through this unique one-day skill builder workshop.

Sat, May 30; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$155 (Early Bird: \$147.25); Kit \$50



## Wire Wrapped Pendants

with Steven Manchini

Learn to entrap stones and create a tear drop style silver pendant using wire and your hand skills. Students will manipulate numerous types of wires and pliers in order to bend, tie, and form a pendant with a securely set stone at the center. Varying methods of securing stones will be covered, include weaving, coiling, and framing patterns. Heat, glue, and hammers will not be used in this workshop, as these cold-connection techniques utilize only pliers. Enhance your understanding of wire and its potential to accentuate your work through layered texture.

Sun, May 31; 10am - 4pm

All Levels; No experience needed

\$130 (Early Bird: \$123.50); Kit \$40



## Etched Jewelry

with Wendy Jo New

In just one day, students will learn the art of photo-etching brass, copper, and silver by taking a printed image and transforming it into a permanently etched pattern on sheet metal. This course will first teach students how to transfer imagery onto a sheet of metal and then how to use both an acid bath and an electrolytic set-up to eat away the exposed metal, recreating the pattern on the metal's surface. Etched pieces of brass will be turned directly into jewelry or used to roller print onto another sheet of metal, replicating a pressed pattern relief.

Fri, June 5; 10am - 5pm

Beginner; No experience needed

\$155 (Early Bird: \$147.25); Kit \$45



## Ancient Plaiting Techniques

with Louis Garcia

In this one-day workshop students will explore the fundamentals behind ancient plaiting techniques, also known as decorative wire twisting, which were heavily used during the Iron Age and through the Viking Age. Explore twist and counter-twist patterning, metal fusing, and how to finish off plaited ends using hammers and files while creating your very own intricately twisted bracelet.

Sat, June 6; 10am - 5pm

Beginner; No experience needed

\$155 (Early Bird: \$147.25); Kit \$5



## Enameling for Experienced Metalsmiths

with Kelly Conroy

If you are an experienced jeweler and have always wanted to explore enameling, but weren't ready to take an intensive course, this workshop is for you! Kelly will introduce students to both kiln-firing and torch-firing, making this process completely accessible to anyone with a torch in their studio. After learning the basics of creating a solid, well applied color, students will learn ways they can incorporate imagery using stencils and sgraffito techniques, as well as how to include foils and other materials for visual interest.

Sun, June 7; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$155 (Early Bird: \$147.25); Kit \$40



## Ornamental Blacksmithing in Silver

with William Vanaria

The art of decorative wrought iron has a rich history of usage spanning several centuries. It is an aesthetic that conjures up romantic visions of the old world and all the lavish structures which resided within it. In this class, we will translate these centuries old blacksmithing techniques into silversmithing, as students learn how to utilize this language of ornamentation within the jewelry medium. Students can expect to walk away with at least one finished piece and/or a plethora of samples for future endeavors.

Sat, April 4 - Sun, April 5; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$410 (Early Bird: \$389.50); Kit \$40



## Flush and Gypsy Settings

with John Kennedy

Flush and Gypsy style stone settings are two methods for incorporating stones seamlessly into jewelry designs, making for an incredibly secure fit and offering your stones a lot of protection. In this 2-day workshop, learn to create these settings successfully for both faceted stones and cabochons. Participants will work toward mastering mounting prep, stone layout, and setting techniques. Tool modification will also be covered, in order to make this process more comfortable and accurate. Students can expect to complete one or more finished rings.

Sat, April 18 - Sun, April 19; 10am - 5pm

Intermediate & above; Jewelry 2 skills req'd

\$410 (Early Bird: \$389.50); Kit \$85



## Introduction to Jewelry Making

with Diane Lawton

This condensed two-day introductory workshop is perfect for those who have always wanted to learn traditional jewelry making skills but never had the time. Students will learn essential fabrication techniques by designing and producing one-of-a-kind jewelry. Over the course of just two days, students will learn to cut through metal with a jeweler's saw, solder and anneal (soften) metal with a torch, texture surfaces with hammers, and bezel-set cabochon stones. Students will leave with a textured ring and a stone-set pendant.

Sat, April 25 - Sun, April 26; 10am - 5pm  
Beginner; No experience needed  
\$385 (Early Bird: \$365.75); Kit \$55



## Crease and Fold Fabrication

with Erica Bello

In this course students will use a quick forming technique known as scoring and bending to explore how to build more complex three-dimensional forms; this process allows metal to be folded like paper into hard edged geometric shapes, quickly creating volume. Starting with templates and moving on to metal, students will work to design a multifaceted wearable or functional form, while implementing several types of soldering techniques. This course is ideal for those looking to perfect fabrication skills or create complex geometric forms.

Fri, May 1 - Sun, May 3; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$535 (Early Bird: \$508.25); Kit \$65



## Quilling with Paper Metal Clay

with Jackie Truty

Quilling is an ancient technique traditionally using strips of rolled paper formed into varying shapes and then joined to create volume or form. In this class, student will use strips of Art Clay Fine Silver Paper Type to create their shapes. These forms will then be attached in varying degrees to form pieces of jewelry which, when fired in a kiln, become filigree-like works of art in fine silver. Options of adding wire and pearls will be demonstrated and the addition of stones will be discussed.

Sat, May 16 - Sun, May 17; 10am - 5pm  
All Levels; No experience needed  
\$410 (Early Bird: \$389.50); Kit \$50

### How to Register:

Read full course descriptions and register online anytime at [www.metalwerx.com](http://www.metalwerx.com) or sign up by phone during regular business hours. Courses are filled on a first-come, first-served basis. Refund Policies are listed on our website. If you have any questions, please contact us at 781-891-3854 or [info@metalwerx.com](mailto:info@metalwerx.com).

### Materials Kit Policy:

Metalwerx provides materials kits in classes for our students' convenience. We must estimate costs many months in advance from when we actually order supplies for your class. Due to the volatility of the metals market, all materials prices are subject to change. The actual cost of your kit will be based on the cost of supplies at the time materials are ordered. Students will be notified in advance of any changes. Differences will be collected or reimbursed at class.

### Please note:

Course photos are typically of an instructor's individual artwork and represent techniques taught, but not necessarily the exact project that will be completed in class. If students have questions, please contact us so we can clarify class content and expectations.

# Friends of Metalwerx Scholarship Program

Our Friends of Metalwerx Scholarship program provides opportunities that enable qualified students to attend classes and workshops at a reduced cost. These scholarships are intended to make Metalwerx's programs available to emerging artists, students currently enrolled in high school or a metals degree program, as well as Waltham residents.

These scholarships cover 75% of the cost of tuition for a specific workshop and ALL materials fees. Recipients are responsible for the remaining 25% of tuition, which goes towards facilities maintenance and supplies.

Applicants must demonstrate a commitment to further their education in metal arts and have clear artistic goals. All skill levels may apply for scholarships, but recipients must meet pre-requisites for the specific course offered in order to attend.

**More information on the program, eligibility, and application deadlines can be found at:**

[www.metalwerx.com/scholarships](http://www.metalwerx.com/scholarships)

*"This scholarship made it possible for me to take this very valuable class, which otherwise would have been financially unfeasible. It was a wonderful opportunity to learn one-on-one from an extremely experienced metalsmith, and learn all kinds of techniques which I would not have encountered on my own. Thank you to all the donors who make this scholarship possible.*

- Grace W., Scholarship Recipient

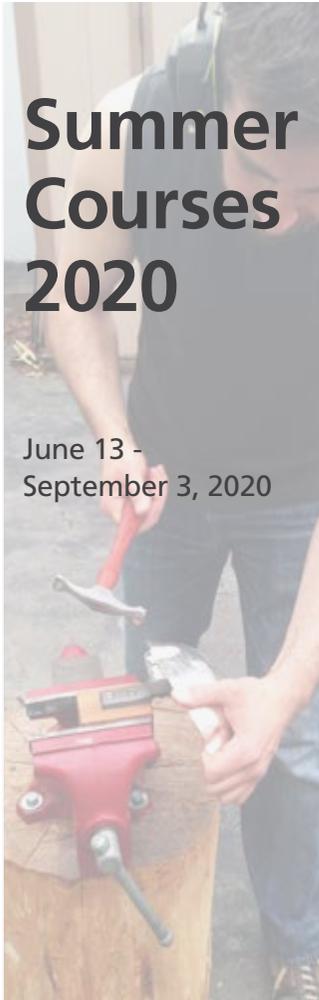


## EDWIN S. WEBSTER FOUNDATION

*Our scholarship program is supported by the Edwin S. Webster Foundation and many generous individual donors.*

# Summer Courses 2020

June 13 -  
September 3, 2020



## Summer with the Masters 2020

Michael  
Boyd



### Basic Lapidary Techniques

with Michael Boyd

*Michael Boyd is an internationally recognized lapidary artist and master of bezel setting who has worked in the field full time for 30 years. He is featured in Masters: Gemstones: Major Works by Leading Jewelers published by Lark Books. He also received two awards in the 2013 Saul Bell Design Competition. In Michael's own words, "The stone is as important as the metal. I am looking for an integration of the media, a manipulation and blending of the two."*

Every jeweler eventually tires of buying typical stones and setting them in conventional settings. Spend three days with Michael and learn to cut and polish your own cabochons with limitless shape, size, and color options. This class will introduce you to the world of lapidary and let you leave with the skills needed for the advanced class that immediately follows. Enhance and distinguish jewelry designs with custom cut stones. All the lapidary equipment needed to produce unique jewels is provided. Michael often brings a large supply of rough material for purchase, but students are welcome to bring their own.

Sat, June 13 - Mon, June 15; 10am - 5pm  
All Levels; No experience needed  
\$595 (Early Bird: \$565.25); Kit \$85

### Beyond Basic Lapidary: Designing with Stone

with Michael Boyd

Lapidary is more than just cutting and polishing gems. Learn how to integrate stone and metal as a whole, rather than as separate objects. Michael will demonstrate how to shape and drill rough stones, make perfect bezels for unusual shapes, set stones on top of stones, and add decorative rivets to enhance designs. During this intensive four-day workshop, students may cut numerous stones, apply unique setting methods to finished stones, and focus on completing pieces as time allows. This class is for students with previous lapidary and metalsmithing experience, who wish to explore incorporating unique stones into finished work.

Wed, June 17 - Sat, June 20; 10am - 5pm  
Basic & above; Jewelry 1 & basic lapidary skills req'd  
\$695 (Early Bird: \$660.25); Kit \$85

Michael  
Good



## Anticlastic Forming

with Michael Good

Michael Good, whose name is synonymous with anticlastic raising, is a goldsmith whose use of this process has over the years forced the commercial jewelry world to expand its definition and ideas about how American jewelry should look and how it can be made. He has won numerous prestigious awards, including Intergold, Diamonds Today, and Diamonds International, which laid the foundation for a long career designing jewelry and sculpture.

Michael will lead students through a series of exercises designed to teach the principles of Anticlastic Raising - moving metal from flat sheet into complex curved forms. Participants will utilize hammers and stakes to create compound curves and complex shapes. Students will practice each stage in order to digest the concepts before moving on to the next exercise. The goal is for students to gain enough of a foundation to be able to practice this advanced skill at their leisure. This workshop is appropriate for students with basic metalsmithing skills as well as professionals.

Mon, June 22 - Fri, June 26; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$995 (Early Bird: \$945.25); Kit \$25

David  
Huang



## Raising and Chasing Vessel Forms

with David Huang

David is an American metalsmith famous for his embellished vessel forms attained through unique forming and chasing processes. His work has been featured in Metalsmith Magazine, American Craft, and numerous other books and publications. He has also traveled throughout the US teaching workshops focusing on both raising and chasing.

Spend 5 days exploring David Huang's process for creating remarkable 3-dimensional objects. Using hammers and stakes, wax, and chasing tools students will learn the basic steps of creating vessels and other sculptural forms. Raising demonstrations will include both single and multi-node forms, and the chasing portion of the class will focus on working with a microcrystalline sculptor's wax. Tool making and a method for finishing the vessel edge with a rim will also be covered. No prior raising or chasing experience is necessary but strong metalsmithing skills are required.

Wed, July 8 - Sun, July 12; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$880 (Early Bird: \$836); Kit \$30

Cynthia  
Eid



## The Hydraulic Press: Basics and Beyond

with Cynthia Eid

*Whether using hammers and stakes, or hydraulic press tools, Cynthia's sculptural jewelry and hollowware shows her focus on exploring the fluidity with which metal can be moved, formed, and joined. She co-authored the book Creative Metal Forming, with Betty Helen Longhi, published by Tim McCreight's Brynmorgen Press, developed a set of anticlastic stakes, and has exhibited work in numerous publications and museums.*

The hydraulic press provides limitless opportunities for creating exciting forms and textures. Discover how to use found objects to emboss metal, as well as how to make your own embossing tools and silhouette dies. A range of Bonny Doon tools will be covered and explained during the class, including anticlastic, synclastic, free-form, and 3-inch-deep draw tools. Mastering these tools and techniques will allow students to produce bracelets, rings, earrings, beads, lidded containers, and vessels. This class will also demystify urethanes and dies while providing students with hydraulic press confidence.

Wed, July 15 - Sun, July 19; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$750 (Early Bird: \$712.50); Kit \$75

Ben  
Dory



## Surface Adornment on Steel

with Ben Dory

*After graduating from Southern Illinois University Carbondale in 2014, Ben explored various avenues in the arts: technician, product design, non-profit programming, research, and workshops. Ben is currently the Visiting Professor in Metals at the University of Arkansas Little Rock's Windgate Center for Art + Design. He is represented by galleries in the United States and exhibits his work internationally.*

Using mild steel as a base, students will explore methods of altering a steel surface through texture, foil overlay (damascene technique), and flush setting. To begin, each participant will make their own tools necessary for the process, including scribes, chasing/texturing tools, chisels, and setting burnishers. Using these tools, the workshop will then focus on techniques for damascene and stone setting - blending layers of texture and materials to build unique compositions. To finish, students will work with laser-cut steel components to set their adorned surface, creating a completed brooch to take home.

Wed, July 22 - Thurs, July 23; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$405 (Early Bird: \$384.75); Kit \$40

# Summer with the Masters 2020



## Fine Silver Granulation

with Ben Dory

Granulation has long been revered for its intricate beauty and its mysterious quality. As students move through the process of creating, laying out, and fusing fine silver granules, a new twist will be introduced - the use of a unique flux formula that provides a wider temperature range in which to work. Each student will create a hydraulic domed and granulated 'cabochon' that will then be bezel or prong set in a sterling ring. This workshop is perfect for students who want to learn the intricacies of granulation without the expense of working in gold.

Fri, July 24 - Sun, July 26; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$530 (Early Bird: \$503.50); Kit \$55

Jayne  
Redman



## Form and Function: Engineering for Multiples

with Jayne Redman

Jayne Redman is known for her unusual way of working with metal in three dimensions, often using multiples of the same shape to convey a single idea. This workshop will teach you how to develop patterns for intricate engineering concepts. Jayne will take you through the design process from initial drawings to final prototypes and finished pieces. You will learn the principles behind centrally radiating forms, properly nested forms, spacing for slotted forms, using faux hinging, perfect tab construction and how to make self-registering, one-piece blanking dies to quickly create multiples in sheet metal.

Wed, July 29 - Sun, Aug 2; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$750 (Early Bird: \$712.50); Kit TBD



Pat  
Flynn



## Hinged Bracelets

with Pat Flynn

Pat Flynn is a goldsmith who lives and works in High Falls, New York. He is known for both his elegant jewelry that combines blackened steel with gold, platinum, diamonds and pearls as well as for his meticulous hinges and latches. His work has been featured in "Metalsmith" magazine and most recently, included in Masters of Stone Setting by Alan Revere. More of Pat's work can be found on his website, [patflynninc.com](http://patflynninc.com).

Spend five days with renowned jewelry maker Pat Flynn in an immersive hinged bracelet experience. Learn the ins and outs of perfect small scale hinge making and build yourself a precision box lock mechanism with a snap that will satisfy your ears and your eyes! Beginning with cutting open pre-cast bracelet components, students will first work on filing the exceptionally straight edges necessary for a properly functioning hinge, move to measuring out and connecting hinge knuckles, and then finally begin working on their box and tongue closures - culminating all their efforts into one serious feat of engineering.

Wed, Aug 5 - Sun, Aug 9; 10am - 5pm  
Advanced; Jewelry 2 skills required  
\$875 (Early Bird: \$831.25); Kit \$200

Joe  
Wood



## CAD for Jewelers

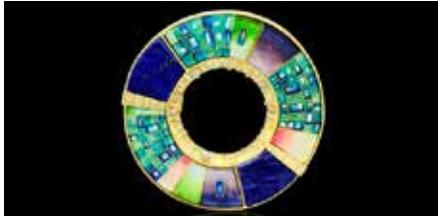
with Joe Wood

Joe Wood is currently a Chairperson and Professor for the Fine Arts 3D Department, in the Jewelry & Metals Program at Massachusetts College of Art and Design in Boston, MA. He has lectured and led workshops at numerous organizations including The Royal College of Art in London and Silpakorn and exhibits his work internationally.

In this 5-day course, students will learn the fundamentals for designing objects using Computer Aided Design (CAD.) This type of digital modeling enables makers to take advantage of many useful and exciting technological applications, including 3D printing and laser cutting. Joe Wood will provide participants with step-by-step instructions and tutorials that will get them making rings, bracelets, chain links and other jewelry forms. Using Rhino CAD software, students will learn how to design solid objects in a digital space, render them, and then to convert the files for different jewelry applications.

Wed, Aug 12 - Sun, Aug 16; 10am - 5pm  
Beginner; No experience needed  
\$700 (Early Bird: \$665)

Amy  
Roper Lyons



## Enriching Cloisonné Enameling Techniques

with Amy Roper Lyons

*Amy Roper Lyons is a studio goldsmith and enamelist.*

*She creates bold compositions of gold and glass, each unique piece made by hand in her studio. Her award winning work has been published in magazines and books such as "500 Enameled Objects", "Jewelry Artist", "Ornament", and "Art Jewelry Magazine".*

Learn methods of adding subtlety, complexity, or gestural quality to your cloisonné designs. In addition to the basics of wire bending and wet packing, we will cover an assortment of techniques for incorporating texture, pattern, and markings into your cloisonné design. Texturing base metal, using textured foils, creating smooth color gradients, inlaying opaque enamels as accents, using underglaze and diamond burs for mark making, and much more will be explored. Several different approaches to finishing cloisonné will be covered.

Wed, Aug 19 - Sun, Aug 23; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$875 (Early Bird: \$831.25); Kit \$60

Paulette  
Werger  
and  
Bonnie  
Bishoff



## Kinetics and Color

with Paulette Werger and Bonnie Bishoff

*Paulette Werger is a metalsmith and teacher from Lebanon, New Hampshire. She works in a variety of materials including high karat gold, platinum, and precious stones. Her work is exhibited and sold both nationally and internationally through museums and galleries.*

*Bonnie Bishoff is a polymer clay artist who makes jewelry utilizing metal armatures and polymer marquetry surface designs. Her work has been exhibited widely in galleries and fine craft shows including the Smithsonian and the Philadelphia Museum of Art.*

This class is specially designed for makers who want to take a mixed media approach in their making process and will emphasize working with Argentium silver and polymer clay. Through the making of veneers that employ a variety of approaches for pattern making, students will combine the rich colors of polymer with fused-formed and soldered Argentium, to create jewelry pieces that twist, pivot, swing, drape, or otherwise move. Bonnie and Paulette will partner their expertise to illustrate the points of intersection between these two mediums and will address how to make lasting, well-designed jewelry.

Wed, Aug 26 - Sun, Aug 30; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$995 (Early Bird: \$945.25); Kit \$45



## Beach Pebble & Sea Glass Jewelry

with Sarah Doremus

Turn your beach treasures into eye catching pendants that will conjure memories of a special day each time they are worn. Learn how to drill through glass and stone safely and add silver accents or findings that will highlight the unique quality of each piece. Students should bring their favorite beach stones and sea glass to class and can expect to complete at least one pendant from start to finish. Gain the skills necessary to create meaningful pieces of jewelry you can wear long after those beach days turn to snow days!

Sun, June 28; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$155 (Early Bird: \$147.25); Kit \$30



## Introduction to Jewelry

with Sarah Doremus

This workshop is a condensed three-day "crash-course" exploration that will teach you all you need to know about metalsmithing and jewelry fundamentals. While working towards completing a ring bezel-set with a stone, students will learn foundational skills that are necessary for all metalsmithing projects, including cutting and shaping metal with a jeweler's saw and files, using a torch to anneal and solder components together, creating texture or other surface embellishments, and putting a final finish on a completed piece.

Mon, June 29 - Wed, July 1; 10am - 5pm  
All Levels; No experience needed  
\$480 (Early Bird: \$456); Kit \$65



## Cuff Bracelets

with Diane Lawton

This workshop is a perfect introduction to many of the basics in jewelry making! Start off with learning the fundamentals of cutting out shapes and patterns using a jeweler's saw, move to using files to clean up edges and annealing or softening your metal using heat, then learn how to form your metal using hammers and stakes, and finally, polish or put a textured finish on your piece of jewelry - end the day wearing two unique, textured cuff bracelets in copper and sterling silver.

Mon, July 6; 10am - 5pm  
All Levels; No experience needed  
\$155 (Early Bird: \$147.25); Kit \$60



## Bezel Exploration: From Cabochons to Micro Mosaics

with Erika Jorjorian

Bezels are beloved for their sleek design and modern curves, often being featured at the center of jewelry. Student will learn to properly set cabochons inside a bezel, as well as how to cut, manipulate, and set their own "gems" using vintage glass, celluloid, and plastic buttons with varying degrees of opacity, texture, and shape. Additional jewelry techniques will include micro mosaic patterns using scrap button pieces, riveting, and decorative bezel making. Brush up on your basic jewelry skills and add another facet onto your jewelry making repertoire!

Mon, July 13; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$155 (Early Bird: \$147.25); Kit \$50



## Resin Inlay in a Day

with Wendy Jo New

Add color and style to your jewelry with resin inlay! This process allows students to expand their color palette without the use of a kiln. Beginning with color experimentation, pouring and curing resin, as well as putting a final finish on a completed sample, to understand and practice the technique, students will then spend the remainder of the workshop fabricating a unique design to fill with colorful resin inlay. Learn how to quickly add absolutely any color you can think of to your design process and walk away with a vivid piece of jewelry!

Mon, July 20; 10am - 5pm

Basic and above; Jewelry 1 skills required  
\$155 (Early Bird: \$147.25); Kit \$25



## Chain Maille: Kaede Weave Bracelets

with Karen Karon

Chain maille is an ancient art form originally used to create garments worn for protection by warriors from Europe, the Middle East, and Asia. Led by expert chain maille jeweler, Karen Karon, our chain maille workshops teach students how to transform classic patterns of connected jump rings into striking pieces of jewelry. This workshop will focus on how to construct two bracelets using two types of uncommon and beautiful chain weaves known as Forars Kaede and Hawkskaede (a Forars Kaede variant).

Mon, July 27; 10am - 5pm

Intermediate & above; Jewelry 2 skills req'd  
\$155 (Early Bird: \$147.25); Kit \$90



## Stackable Rings

with Alanna Robbins

This one-day workshop shows students of any skill level how to make a series of silver, stackable rings. Participants will receive wire, sheet metal, bezels, and loose stones to turn into as many as six coordinating rings to wear together or alone. As the workshop progresses, students will be introduced to fundamental skills that are essential to metalsmithing, like sawing, soldering, texturing, and putting a final finish on each piece. Sizing rings and bezel-setting cabochon stones will also be covered.

Mon, Aug 3; 10am - 5pm

Beginner; No experience needed  
\$155 (Early Bird: \$147.25); Kit \$55



## Delft Clay Casting

with Patrick McMillan

Have you ever been curious about the casting process? Learn some of the basics while practicing two part sand casting using a Delft Clay casting setup to create one-off objects in silver and bronze. Using Delft Clay, students have the capability to mold ring blanks, duplicate simple non-brittle natural materials for pendants, or create components for larger pieces. Students will have a chance to cast and clean several pieces during the class to take home.

Mon, Aug 10; 10am - 5pm

All Levels; No experience needed  
\$155 (Early Bird: \$147.25); Kit \$65

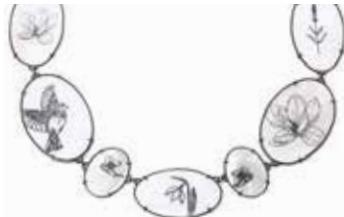


## Soldering Tips and Tricks

with Joy Raskin

Put your soldering struggles behind you with a set of troubleshooting tips aimed at helping you take charge of the torch. Learn how to implement these new skills and even how to properly manage your own soldering setup, in this one-day workshop which covers basic to advanced soldering fundamentals. Several methods and techniques will be covered, from different types of solder joints to unique ways of connecting hard to reach seams. This workshop is ideal for anyone seeking to improve their skills at the torch and brush up on soldering know-how.

Mon, Aug 17; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$155 (Early Bird: \$147.25); Kit \$15



## Perfecting Image Transfers & Champlévé

with Kelly Conroy

Press and Peel Blue transfer paper is most commonly used to create a resist on the surface of metal before exposing it to an etching technique and for enameling applications in the form of decal transfers, resulting in black or brown imagery on the enamel. In this workshop, you will learn how to get consistently crisp results using PnP Blue, after setting up a safe salt water etching bath and discussing the multitude of uses for etched metal, ranging from rolling mill embossing to champlévé enameling.

Mon, Aug 24; 10am - 5pm  
Basic and above; Jewelry 1 skills required  
\$155 (Early Bird: \$147.25); Kit \$40

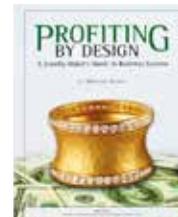


## Pearl Knotting Seminar

with Mary Stachura

Study the classic art of pearl knotting from an expert in the pearl trade. This workshop will begin with an overview of pearl types and shapes, how to buy a good strand, spotting fakes, and proper care. Demonstrations on knotting and termination methods for a variety of closures will follow. Practice crimping, attaching a clasp, using a bead tip, French wire/bouillon, as well as making an endless necklace with no clasp at all. There will be an opportunity to buy additional pearls from Joseph P. Stachura Co., Inc.

Tues, Aug 25; 10am - 4pm  
All Levels; No experience needed  
\$110 (Early Bird: \$104.50); Kit \$55



## Marketing 101

with Marlene Richey

Learn to describe your product, identify potential clients, and market your work to the right audience from Marlene Richey, a craft business consultant with over 30 years' experience in the jewelry industry and author of the award-winning book about running a small jewelry/craft business, *Profiting by Design*. Follow Marlene's simple steps to create a marketing plan that will target your market in the most cost-effective way possible. Press releases, press kits, mailing lists, and artist statements are just a few of the topics covered.

Mon, Aug 31; 10am - 5pm  
All Levels; No experience needed  
\$155 (Early Bird: \$147.25)

# Workshops Summer 2020



## Spinning Rings

with William Vanaria

In this one-day workshop students will create a ring with a free spinning, kinetic element in the center. This project will teach tight tolerance fabrication techniques, selective soldering strategies, decorative surface treatment considerations, and proper polishing protocols. Students can expect to walk away with a finished ring and knowledge for future projects. Completion of Jewelry 1 or equivalent is required.

Tues, Sept 1; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$155 (Early Bird: \$147.25); Kit \$30



## Skill Builder Series: Finishing Techniques

with William Vanaria

Applying the right finish to a piece of jewelry is one of the most important aspects of creating successful work. There are countless ways to finish jewelry, from the flawless mirror finish seen in commercial jewelry, to the matte brushed finish popular with many art jewelers. In this workshop, students will learn industry level tips, tricks, and techniques, while producing several of these finishes on numerous ring blanks. Students are also encouraged to bring in personal work to get feedback and suggestions on how to finish it.

Wed, Sept 2; 10am - 5pm

Basic and above; Jewelry 1 skills required

\$155 (Early Bird: \$147.25); Kit \$35



## Stamp It Out: Tool Making

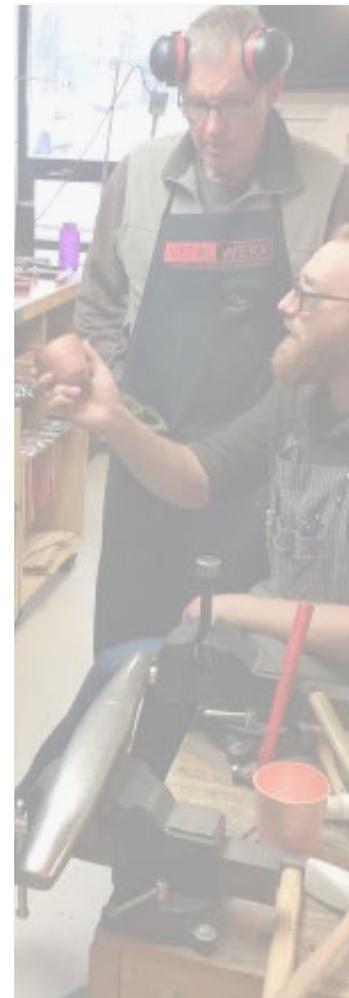
with Avery Lucas

The focus of this workshop is to use heat to anneal, forge, shape, temper, and harden tool steel. Students will learn to make small tools for chasing, repousse, stamping, texturing, and more. With these tools, everyone will learn methods of bringing a variety of unique texture and visual interest to the surface of metal. Every student will leave the class with a set of handmade tools and samples.

Thurs, Sept 3; 10am - 5pm

All Levels; No experience needed

\$155 (Early Bird: \$147.25); Kit \$40





## Pulse Arc Welding

Micro pulse arc welding is widely known to be a useful tool to increase efficiency with basic bench tasks such as ring sizing, connections near heat sensitive stones, and repairing porous castings.

We have designed a hands-on private class that covers a wide variety of weld tasks and tricks intended to enhance current processes. Our tailored certification gives students time to practice applications so they can become qualified to rent time on our Orion 200i2 welder.

### Fees:

Tuition - \$400; Kit - \$35  
*Tuition covers 6 hours of instruction over 1 or 2 sessions with Wendy Jo New or David Baird.*

### Available Spring/Summer Dates:

Wendy Jo New  
*April 1; April 15; June 4; July 17*  
David Baird  
*April 14; May 5; May 12*

For more information and to sign up for a private lesson, go to [www.metalwerx.com/pulse-arc-welding](http://www.metalwerx.com/pulse-arc-welding)

# Pulse Arc Welding Private Lessons



**SAVE THE DATE**

October 2-4, 2020

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