

POSITION # F09-005

Faculty Member Contact Information

Name: **Professor Paulette Myers**
Department: **Art & Design Department, Metalsmithing Area**
E-mail Address: **pmyers@siue.edu**

Description of the URCA Assistant Position(s)

Number of students requested: **1**
Number of students who will be funded: **1**
Will the student(s) earn course credit? Yes **X** No If yes, in which course? **Independent Study = Art 430 = 3 credits**
Location of research/creative activities: **Personal Studio**

Brief description of the nature of the research/creative activity:

Experimentation & testing of traditional techniques on Argentium Silver, a new alloy of silver, copper, & germanium that has properties that are very different from the traditional Sterling Silver alloy. This metal will be incorporated into my jewelry and hollowware designs that also utilize the Korean techniques of iron chiseling with gold and silver inlay of Damascene and the 24 Karat gold fusion technique of Keum-Boo. The Argentium silver alloy has not been explored by many contemporary metalsmiths to-date. Testing will be done for fusion, soldering, forming and surface texturing prior to its use in my jewelry and vessel forms.

Brief description of student responsibilities:

Student will conduct literature reviews, do prep work for test-tiles, record documentation on findings, work alongside me and aid in the unique construction methods and surface finishing specific to Argentium Silver.

URCA assistant positions are designed to provide students with *research or creative activities* experience. As such, there should be measurable, appropriate outcome goals. What exactly should your student(s) have learned by the end of this experience?

The student will learn how to research, how to develop test-tiles in the various processes, how to collect and record data, how to apply findings and design one's own artwork, and how to photograph stages of processes for publication.

Additional Requirements of Students

If the position(s) require students to be available at certain times each week (as opposed to them being able to set their own hours), please indicate all required days and times:

Saturday 9:00 - 6:00 or Monday, Wednesday, Friday schedule for the 9 hours per week.

If the location of the research/creative activities is off campus, must students provide their own transportation? Yes **X** No ___

Must students have taken any prerequisite classes? Please list classes and preferred grades:

Art 202g, 386 = 3 credits each

Other requirements:

None

Notes to applicants (i.e., any other information you'd like applicants to know about you or the position before applying):

None