

Supplement

to the **Lodestar**



2005

SFMS Workshops

The Southeast Federation sponsors five Gem, Jewelry, and Mineral workshops each year at Wildacres Retreat in Little Switzerland, NC and at the William Holland Retreat in Young Harris GA. Each session begins with dinner followed by Orientation on the opening day. The following five days, students have 27 hours (4-1/2 days) of instruction in their scheduled class. Departure is after breakfast on the last day.

Our Course Offerings

As has been the case for a number of years, the courses offered each year are based on feedback from students. We look carefully at the Questionnaires included in all student packets that are returned at the end of workshop sessions. The responses for course choices for next year are tabulated and the schedule is made up using this information. The popularity of some courses is obvious and student responses help to determine how often a course will be offered. New course offerings may be initiated from a student request. Of course, we are always interested in suggestions from anyone.

What to Bring

The workshops are well equipped for most of the classes offered. Students in beginning classes do not have to purchase tools. If you have your own tools (such as OptiVISOR, jewelers pliers, etc.) that you wish to work with, by all means bring them with you, but do not go out and buy tools as you may find you have purchased the wrong ones. Some tools may be purchased at the William Holland School and some instructors bring tools to sell at Wildacres.

Advanced classes require that students bring their own hand tools. (Advanced classes are always identified with an asterisk in the course listings.) Also, bring any stones that you may want to use or learn to identify. A notebook and pen will be very necessary in many classes. You will find you need an OptiVISOR or some form of magnification in most of the classes, so don't forget to bring one. Some classes such as Raku pottery are dirty so old clothes may be desirable. A shop apron will be useful in most classes. **Don't forget something to donate to the auction.**

Who may attend?

Priority workshop attendance is given to any member of a club that is in good standing with the Southeast Federation of Mineralogical Societies, Inc. *First-Timers* have a priority on the first choice class. Members of other AFMS Lapidary Clubs are welcome when space is available. The best opportunities for getting the class of your choice is in April and June.

Change in Workshop Fees

It has been two years since registration fees were increased and our workshop expenses have risen. In 2005 the registration fee will be \$280 for SFMS sessions at both Wildacres and William Holland. An initial non-refundable payment of \$30 (approximately ten percent) should accompany your registration form to initiate your registration process.

Change in Registration Procedure

Starting in 2005, registration *for all sessions* will be accepted on or after February 15th. The \$30 non-refundable administrative fee will start the registration process and secure your priority in class selection. We have initiated a single date for all workshops to help with overall workshop planning. The initial deposit has been reduced to about ten percent so that students will not have a large amount of money tied up for a long time for sessions late in the summer and fall.

The balance of the registration fee will be due one month prior to the respective workshop session although full payment will be accepted with the initial registration form. If the full payment is submitted with the registration form, the \$30 administrative fee still applies should cancellation later become necessary.

The postmark date is important so have your registration letter hand-stamped if you want to be sure of being accepted for your first class choice. The postmark date should be no earlier than February 15, 2005. As before, your priority in securing a particular class is based on the postmark date of your registration letter, plus other factors such as whether you are a first-time attendee at the SFMS workshops.

Fred Sias, Education Chairman

Southeast Federation of Mineralogical Societies, Inc.

Website: <http://www.amfed.org/sfms>

SFMS 2005 Workshop Course Descriptions

BEAD DESIGN AND TYING - This course teaches you to string and knot a variety of materials, using techniques employed by a professional in the field. Bring your own materials if you choose. A wide variety of beads and supplies will be available from the instructor. Approximate cost \$80-\$200.

BEADING, SEED - Learn various stitches in the art of seed beading, from brick to peyote; every technique, from knitting to weaving. If you are a beginner, you'll get the basics. Approximate cost \$25 or more.

CABOCHONS, BEGINNING - This course teaches you to shape slabs into cabs of various shapes and sizes for bolos, belt buckles or a cab for wire wrapping or silversmithing. This is a good place to start your hobby or business. Neither nodules nor corundum are to be cut or ground. Slabs should be no thicker than 1/4". Approximate cost \$20 if you don't bring your own slabs.

CHAIN MAKING, BEGINNING - Using copper, silver and gold filled wire, you will learn to create bracelets in at least three different patterns of chain. You can expect to complete several bracelets or long chains. Approximate cost \$50-\$120 depending on projects selected.

CHANNELWORK - Prerequisite BEGINNING SILVER This is advanced silver work and you must be able to solder. You will also be fitting stones in small places, so knowledge of CABOCHONS is very important. **You must bring your own tools for this class.** Approximate cost \$50-\$60.

FACETING, BEGINNING - This course is designed for individuals with little or no faceting experience. The student is taught the basic fundamentals of faceting and should complete at least one round standard brilliant stone. You will need an OptiVISOR/magnifier for this class. Approximate cost \$10.

FUSED GLASS - Students will learn about the compatibility of glasses and ways to combine dichroic and others glasses to produce jewelry nuggets. This includes how to cut, arrange and stack glass, safe operation of a kiln, and proper fusing techniques. Approximate cost \$75-\$100.

GEM APPRECIATION - This course will provide a background for individuals who want to know the essentials of what to look for, and what to avoid, in shopping for gemstones. It involves use of instruments such as microscope, refractometer, polariscope, dichroscope, UV fluoroscope, etc. Approximate cost \$10.

GLASS BEAD MAKING—Includes hands-on work with a torch, introduction to glass materials that can be made into beads, and the tools used in forming the various shapes. **Student should wear 100 percent cotton clothing for safety.** Approximate cost \$25—\$100.

GOLDSMITHING, ADVANCED - Prerequisites BEGINNING AND ADVANCED SILVER - Gold fabrication. You must bring your own tools for this class. The student works from projects that cost from \$45-\$100. Estimated cost of material is \$45-\$350.

INTARSIA, BEGINNING - A variety of stones are accurately cut and precisely fitted to form intricate designs. This course teaches how to create Intarsia using a faceting machine to cut, grind, and polish the Intarsia pieces. There is a basic lab fee of \$25.

JEWELRY REPAIR - Prerequisites BEGINNING AND ADVANCED SILVERSMITHING - In this course you learn to repair broken chains, size rings, replace prongs, etc. **You must bring your own tools for this class.** Approximate cost \$125.

LOST-WAX CASTING - Teaches the three basic investment casting techniques: centrifugal, vacuum assisted, and steam casting. Some instructors use only commercial wax models; others teach wax carving, wax model fabrication, and mold making. Approximate cost \$25-\$100.

GEOLOGY AND SPACE SCIENCE - This course is a mix of local

geology and the spectacular view of the starry skies from Wildacres. Students will learn about the geology, and then travel out to not only see the geology first hand but with opportunities for private digs. An introduction to the night skies, as well as viewing, will be highlighted. And to tie everything together, a session on meteorites should enhance the earth and space experience. Approximate cost including field trips \$80.

MINERAL IDENTIFICATION - This course will help you to learn and identify the different minerals (rocks) you have found or would like to find. There are field trips for which you will need old clothes, boots or old shoes for wading in the water. There is also some hiking involved. Approximate cost \$15.

OPAL CUTTING - This course teaches you to cut opals to find the best in the stone. Australian opals will be cut into solid stones, doublets and triplets. Boulder opals, Mexican and other types of opals will be covered. (Note: the cost of opals varies greatly depending on the stone you choose.) Approximate cost \$25-\$300.

PRECIOUS METAL CLAY Level 1 - This clay is composed of precious metal, ground into 1-20 micron particles placed into an organic binder with water. Fired properly, the binder dissipates and the metal fuses to become pure silver or gold. Approximate cost \$200

PRECIOUS METAL CLAY Level 2 - Prerequisite PRECIOUS METAL CLAY Level 1 or equivalent - PMC Level 1 Certification or Art Clay Level 1 Certification. This is a continuation of the work started in PMC-1. More advanced projects and techniques will be presented. Approximate cost \$200.

RAKU POTTERY—Learn to hand-build a variety of clay pieces to be Raku fired. Raku technique allows pottery to be fired quickly for fast beautiful results. Approximate cost

SILVERSMITHING, ADVANCED - Prerequisite two (2) SILVERSMITHING CLASSES - Continue to develop your skills and learn more advanced techniques of silversmithing by designing individual projects. **You must bring your own tools for this class.** Approximate cost \$200 or more.

SILVERSMITHING, BEGINNING - Create rings, pins, pendants, etc. by learning to cut, solder and finish silver and set cabochon stones. Basic jewelers tools are supplied. Silver and cabochon stones may be purchased from the instructor. Approximate cost \$50-\$150.

SOUTHWEST SILVERSMITHING—Learn the basics of Southwestern style jewelry using sterling silver, turquoise, and other stones. Total cost will range from \$150 to \$250.

STAINED GLASS - Learn the basics of stained glass using the copper foil method of construction on projects of your own choosing. All tools will be provided in the classroom. Approximate cost \$95-\$120.

WIRECRAFT, ADVANCED - Prerequisite BEGINNING WIRECRAFT - In this course your instructor will work with the student at whatever level he/she has achieved. **You must bring your own tools for this class.** Approximate cost \$5-\$150.

WIRECRAFT, BEGINNING - This course teaches you how to create bracelets, pendants, rings and earrings using gold filled wire and/or sterling silver. There are tools available for your use. Approximate cost \$75-\$150.

WIRECRAFT, INTERMEDIATE - Prerequisite BEGINNING WIRECRAFT - In this course your instructor will work with the student at whatever level he/she has achieved. **You must bring your own tools for this class.** Approximate cost \$75-\$150.

WIRECRAFT SCULPTURE - Prerequisite BEGINNING WIRECRAFT - Freeform sculpture with wire to make mostly pendants and earrings. You will be using a dead soft wire in your choice of gold or silver. **You must bring your own tools for this class.** Approximate

WILDACRES RETREAT

Little Switzerland, NC

Wildacres Retreat is a conference center offering its facilities to nonprofit groups which conduct educational or cultural programs and seminars. It is a true retreat, undisturbed by through traffic or noises of the city. In 1946 it was dedicated by I. D. and Madolyn Blumenthal of Charlotte, NC, to the improvement of human relations and interfaith dialogue. Since 1972, Wildacres has operated as a public foundation.

Wildacres is situated on 1400 acres at an elevation of 3,300 feet atop a mountain called Pompey's Knob, near the Blue Ridge Parkway. It is halfway between Asheville and Blowing Rock in North Carolina's Blue Ridge Mountains.

The primary support of Wildacres comes from its own resources and The Blumenthal Foundation. Wildacres receives gifts from individuals, businesses and foundations interested in the philosophy and programs that are held there.

Among the many groups using the facilities are music and art master classes, religious and interfaith groups, mineral and lapidary societies, medical, social science, natural sciences, academic, environmental and senior citizens groups. All groups must be nonprofit and have planned educational programs.

Each group plans its own program and furnishes its director and staff. Wildacres supplements the programs with the aid of its staff and equipment and some recreational equipment, including scenic nature trails, horseshoes, ping pong, basketball, and a canteen. Wildacres is not a holiday resort and does not cater to the traveling public. Only group reservations are accepted with a maximum of 120 people. Small groups can be accommodated at the same time. Due to health regulations, no pets are allowed.

There are two lodges, a dining hall building, a library and auditorium, a mineral and lapidary workshop, and a pottery studio. All buildings are heated. Meals are served family style. All sleeping rooms have private baths and have either two twin beds or one double and one twin bed.. There is a spacious lobby and several large and small meeting rooms. When weather permits, the patio can also be used for assemblies. Wilda-

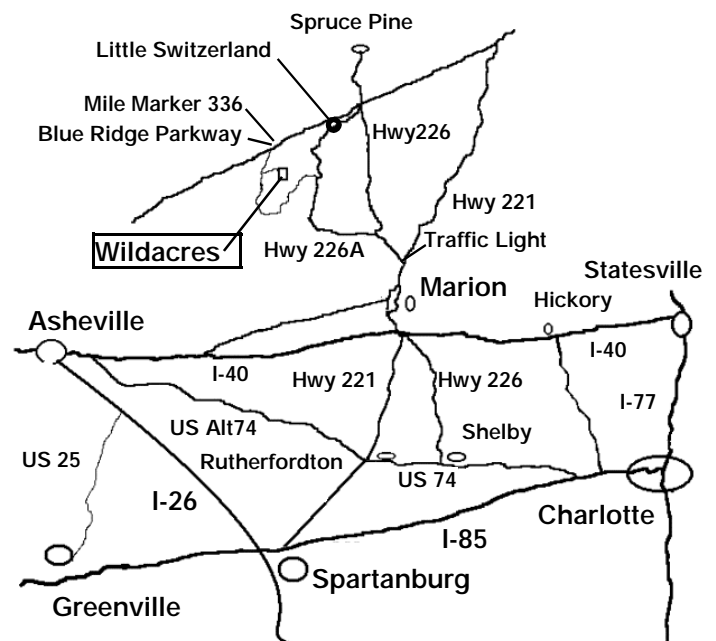
gres has a lending and reference library and gem and mineral displays.

All facilities at Wildacres are designed in an attempt to "blend the graces of modern life with the beauty of the wilderness." Facilities can be reserved for one to seven night periods from mid April through October.

Points of interest in the area include the North Carolina Mineral Museum, Mineral and Gem Mines, Blue Ridge Parkway Scenic Overlooks, Crabtree and Linville Falls on the Blue Ridge Parkway, Grandfather Mountain, two 18 hole golf courses and tennis nearby, and Mt. Mitchell, the highest peak east of the Rockies.

Wildacres is about 3 miles from the Little Switzerland post office. Nearest towns are Spruce Pine and Marion, NC. Access is available from the Blue Ridge Parkway at Gooch Gap, located between mileposts 336 and 337. Distance from Charlotte is about 112 miles.

For up-to-date information about the SFMS sessions at the Wildacres Retreat, visit the Internet web site at <http://www.amfed.org/sfms>. Check out the color pictures <http://www.wildacres.org>.



Map showing the location of Wildacres Retreat near Little Switzerland, NC near the Blue Ridge Parkway.

WILLIAM HOLLAND RETREAT

Young Harris, GA

The **William Holland School of Lapidary Arts** is situated on a mountain in north Georgia near the North Carolina border. It is a Rockhound's Dream come true. Here, near Young Harris College, is a special school that is like no other in the United States. The serious Rockhound can learn how to turn rough gems into family keepsakes. With dedication and determination, an inspired group of hobbyists is making it possible for many others to enjoy the fruits of their knowledge.

The facilities include a main building (lodge) of two stories whose upper ground floor is like a motel with 29 bedrooms, each with a private bath and two beds, one double and one twin. Two bedrooms are equipped for the handicapped. The lower ground level contains 13 classrooms, the kitchen, and dining room. Each bedroom has a ceiling fan and air conditioning was added during the 1997 season. More recently the classrooms and dining area have been air-conditioned and an elevator now connects the classroom floor with the bedroom floor.

A separate building, the Seabolt Building, houses the George Kasper Memorial Library. George Kasper was a past President of the Southeast Federation. This building also includes the bathroom facilities for a campground with 10 spaces with full hookups.

Another building called "Mary Lou's Cottage" was completed in 2001. The cottage includes eight bedrooms and other facilities for instructors.

The school is named for a deceased past president of the Southeast Federation of Mineralogical Societies. The creation of the William Holland School of Lapidary Arts was built through the personal philanthropy of Harold Sparks, another SFMS past president, and his wife Mary Lou. Much of the construction work was a volunteer effort of many members of the Southeast Federation. Furnishings and workshop equipment were donated by various clubs and societies in the Southeast Federation and many individuals. Harold and Mary Lou have passed away but his family still operate the school for the benefit of rockhounds throughout the United States.

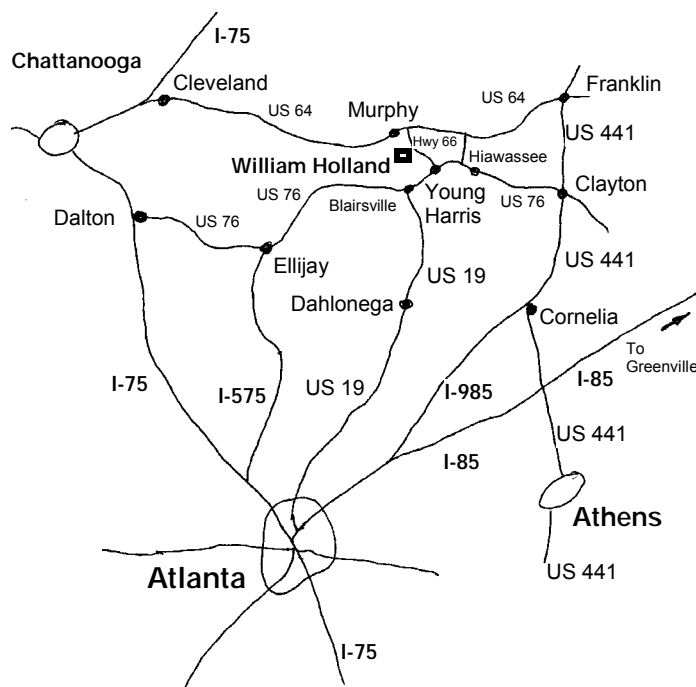
The school is operated from April through October with certain weeks being set aside for special workshops sponsored by and for members of the Southeast Federa-

tion of Mineralogical Societies. All rockhounds are eligible to participate during the remainder of the season. Classes are of one week duration, and the courses vary during the time the school is in operation. A student is expected to register for one class for the entire week.

The workshop week begins on Sunday with check-in after 2:00 p.m. and dinner is at 6:00 p.m. Classes start at 9:00 a.m. on Monday. Tuesday night is generally scheduled for an auction with items donated by students and instructors. Proceeds go into classroom equipment and supplies.

To reach the William Holland School use the map below to go to the one traffic light in Young Harris, GA and then turn northerly on Hwy 66 which goes to Warne, NC. At the top of the hill just after the 2-mile marker on the right, *carefully* turn left at Lapidary Lane. Following the arrows, stay on the paved road for approximately one mile to the lodge.

For up-to-date information about the SFMS sessions at the William Holland School, visit the Internet web site at <http://www.amfed.org/sfms>. There you will find the complete workshop schedule as well as registration forms.



Map showing location of the William Holland School of Lapidary Arts near Young Harris, Georgia.

SFMS 2005 Wildacres Workshop at Little Switzerland, NC

2005 Workshop Dates

April.....Monday, April 18 to Sunday, April 24, 2005

August.....Monday, August 22 to Sunday, August 28, 2005

September..Monday, Sept. 19 to Sunday, September 25, 2005

Wildacres Retreat is a conference center dedicated in 1946 by I.D. Blumenthal and Madolyn Blumenthal of Charlotte, NC, to the improvement of human relations.

It is situated on 1400 acres at an elevation of 3,300 feet atop a mountain called Pompey's Knob. It is in Little Switzerland, approximately half way between Asheville and Blowing Rock, NC just off the Blue Ridge Parkway.

There are two lodges, a dining hall, where meals are served family style, a library/auditorium building, mineral and lapidary shops plus a pottery studio.

Fees

Lodge accommodations: \$280 per person (double occupancy), including meals. A limited number of single rooms are available at \$420 per person. There are no facilities for camping or Recreational Vehicles.

Day Students: \$115 per person, no meals are included. (Individual meals may be purchased directly from the Wildacres Retreat.)

Registration Procedures

Applications from members of SFMS clubs will be accepted first; however, members of other AFMS clubs may apply and will be scheduled following SFMS applicants.

Applications will be accepted beginning on February 15, 2005 for all sessions. At that time a \$30 Administrative fee should be submitted. The postmark date on or after this date determines the order of acceptance. **First-time attendees at SFMS Workshops have an extra priority.**

Students under age 18 are welcome, but they must be accompanied by a responsible adult and must be approved by the workshop director and instructor.

Reservation Deposit

A deposit of \$30 must accompany all applications. The full amount may be remitted with the application if the applicant wishes. (It is easier for the Registrar.) The balance is due 4 weeks before the workshop begins. **No reminders will be sent.**

Cancellation Policy

There is a \$30 nonrefundable charge to cover administrative costs. An additional \$30 charge will be assessed for cancellations made less than 4 weeks before a session begins. No refund will be returned for cancellations by the student within 7 days of the start of a session. There will be no fee adjustment for late arrival or early departure.

Workshop Directors

David and Barbara Tuttle
994 Blackmon Road , Yulee, FL 32097
Phone: 904-225-0689 Email: dtt@net-magic.net

Workshop Registrars

Kerri and Bill Wetzel
5010 Sunset Drive, Easley, SC 29642
Phone: 864-306-6749 Email: wwetzel@earthlink.net

Session 1: April 18-24, 2005

Beginning Faceting and Intarsia	Tom Wilkie
Cabochons	Gerald Burnham
Chain Making	Dee and Bill Conybear
Fused Glass	Jo Harrison
Local Geology and Meteorites	Mike Reynolds
Silversmithing, beginning	Bill Cady
Stained Glass	Julia Larson
*Wirecraft, advanced	Ruth Ann Moore
Wirecraft, beginning	Lisa Roberts

Session 2: August 22-28, 2005

Beading and Design, traditional	Addy DePietro
Southwestern Silversmithing	Dan Haga
Faceting, beginning	Dave Lonser
Gem Appreciation	Ben Smith
Lost-Wax Casting, beginning	Fred Sias
*Metalsmithing, advanced	Jeff Sheer
Opal cutting	Joe DePietro
Precious Metal Clay (Level 1)	Ken and Mary Ann Devos
Raku Pottery	Cindy McDowell
Wirecraft, beginning	Ruth Ann Moore
*Wirecraft, advanced Sculpture	Kathy Morris

Session 3: September 19-25, 2005

Beginning Faceting and Intarsia	Tom Wilke
Gem Appreciation	Ben Smith
Glass Beadmaking	Cheryl Ashley
*Goldsmithing, advanced	Dan Haga
Opal cutting	Sara Lee Boyce
*Precious Metal Clay (Level 2)	Ken and Mary Ann Devos
Raku Pottery	Cindy McDowell
Silversmithing, beginning	Cathy Cawthorne
Stained Glass	Julia Larson
Wirecraft, beginning	Carol Penry

***Note:** Advanced courses with prerequisites are designated with an asterisk .

SFMS 2005 William Holland Workshop at Young Harris, Georgia

2005 Workshop Dates

June.....Sunday, June 12 to Saturday, June 18, 2005

October..Sunday, October 9 to Saturday, October 15, 2005

Check in is on Sunday after 3 p.m. and departure is Saturday morning after breakfast.

The William Holland School of Lapidary Arts is situated on a mountain in north Georgia near the North Carolina border. The facility includes a two-story main building known as the Sparks Lodge. The upper level is motel-like with 29 air-conditioned bedrooms, with private baths and two beds. Two rooms are equipped for the handicapped.

The lower, ground level houses 13 classrooms, the kitchen, and dining room. This floor is completely air-conditioned, and a new elevator permits easy access to both floors.

There are two other buildings that makeup the retreat complex: the Seabolt Building, which houses the George Kasper Memorial Library as well as showers and restroom facilities for the campground, and Mary Lou's Cottage, built in 2001, to house the instructional staff. The campground has 10 full hook-up spaces for RV's up to 40 feet in length.

Fees

Lodge accommodations: \$280 per person, including meals. **Single room:** add \$140 (\$420).

Day Students: \$115 per person, no meals are included. **Campground Students:** \$98 hookup, \$115 per person for classes. No meals are included but are available directly from the retreat.

Registration Procedures

Applications from members of SFMS clubs will be accepted first; however, members of other AFMS clubs may apply and will be scheduled following SFMS applicants.

Applications will be accepted beginning on February 15, 2005 for both sessions. The postmark date on or after this date determines the order of acceptance. **First-time attendees have an extra priority.**

Students under age 18 are welcome, but they must be accompanied by a responsible adult and must be approved by the workshop director and instructor.

Reservation Deposit

A non-refundable administrative fee of \$30 must accompany all applications. The full amount may be remitted with the application if the applicant wishes. (It is easier for the Registrar.) The balance is due 4 weeks before the workshop begins. **No reminders will be sent.**

Cancellation Policy

There is a \$30 nonrefundable charge to cover administrative costs. An additional \$30 charge will be assessed for cancellations made less than 4 weeks before a session begins. No refund will be returned for cancellations within 7 days of the start of a session. A minimum of three students must be enrolled in a particular class to support the cost of the class. No fee will be charged if a class is canceled. No adjustment will be made for late arrival or early departure.

Workshop Director

Pat Davis

4642 North Street

St. Petersburg, FL 33713

Phone: 727-323-2147 Email: rocksnbears@hotmail.com

Workshop Registrar

Dana and Ray Gonzalez

6226 Seaton Drive

Columbus, GA 31909

Phone: 706-327-4474 Email: drg@mchsi.com

Session 1: June 13-19, 2005

Cabochon, beginning	Gene Baxter
Chainmaking, beginning	Dee/Bill Conybear
Channelwork	Don Monroe
Fused Glass	Addy DePietro
Lost-wax Casting	Bill Harr
Opal cutting	Joe DePietro
Silversmithing, advanced*	Dan Haga
Silversmithing, beginning	Allen Jewell
Stained Glass	Julia Larson
Wirecraft, intermediate*	Betty Baxter
Wirecraft, Sculpture*	Lisa Roberts

Session 2: October 9-15, 2005

Chain making, beginning	John Runkle
Fused Glass	Addy DePietro
Jewelry Repair*	Dan Haga
Lost-wax Casting	Fred Sias
Mineral Identification	Bruce Siegfried
Opal Cutting	Joe DePietro
Seed Beading	Jo Harrison
Silversmithing, beginning	Mack Thornton
Wirecraft, advanced*	Dawn Thornton
Wirecraft, beginning	Lisa Roberts

Note: * indicates advanced course with prerequisites.

Instructor Biographical Information and Course Descriptions

CHERYL ASHLEY *Basic Glass Bead Making*

Cheryl, has been making lampwork glass beads since 2000 when she took her first glass beadmaking class with Marilyn Jobe. She has continued to take classes, read books and view videos in the field. For several years she has been teaching monthly glass beadmaking classes for the Jacksonville Gem and Mineral Society.

The students will use hothead torches in this class and Morretti glass rods. The class will cover safety, annealing, setting up a glass studio at home, making round beads, frit, dots, stripes, stringers, feathering, latticino, goldstone stringer, using millefiori, silver foil, and gold leaf. We will make some simple shaped beads (hearts, turtle, etc). If time permits, we will make some beads using stained glass scrap. We will also turn some of our beads into earrings, bracelets, and necklaces to wear home. **Wear 100% cotton clothing and closed toe shoes.** The instructor will have torches, glass, tools, etc. A \$25.00 Lab fee will cover the use of torch, didymium glasses, bead release, 5 rods of glass, and a one-pound can of MAPP gas. (Additional cans of MAPP gas and additional colors of glass can be purchased from the instructor.) If you have beads you love, bring them with you.

BETTY BAXTER **Advanced Wirecraft*

Betty has worked in the lapidary arts since 1990; she is a member of three lapidary societies in the Atlanta, GA, area. She has taught wirecraft for several years at Wildacres and the William Holland School. Her course begins with a review of basic wirewrapping techniques.

A variety of pendants, bracelets, earring and a ring will be made in this class. A limited supply of gold and silver wire, cabochons, and beads for use in class are available for purchase. Students are encouraged to bring their own wire and stones to use. If students wish to purchase materials, the cost of the course will be approximately \$35.

***Advanced students are expected to provide their own tool for this class and must have previously taken wirecraft courses.**

GENE BAXTER *Cabachons*

Gene is a member of both Georgia Mineral Society and Cobb County Gem & Mineral Society. He has been cutting cabochons since 1979 and has taught at William Holland since 1995 and at Wildacres.

The course covers all the steps involved in producing a cabochon from a slab, including the use of trim saw, grinding wheels, and polishing pads. Approximate cost for supplies (if you don't bring your own slabs) is \$10-\$15.

SARAH LEE BOYCE *Opals*

Sarah has been a very active member of the Southeast Federation serving in the elected positions of Secretary, 2nd Vice President, 1st Vice President, and President. She has been a Director at William Holland and served as North Carolina

State Director, as well as being active in her own club. She has lived in Australia and traveled there recently in her quest for opals.

Sarah has been taking opal classes and cutting opals since 1991. She has taught and assisted at both SFMS Wildacres and William Holland Workshops.

She teaches triplets, doublets, and working with Australian and matrix opals. Students will learn about the special properties of different kinds of opal and how to work with them to get the best results. Sarah uses a combination polishing technique to achieve a high polish on the stones. She will have variously priced opals for sale to the students. Students may bring their own opal rough if they already have it. Beginning students are encouraged to work first from the kit material included in the lab fee before purchasing opal rough. Approximate cost of lab fee for practice rough and consumable supplies will be \$20 to \$30.

GERALD BURNHAM *Cabochons*

Gerald has been cutting cabochons and teaching private lessons since 1994, and has taught at William Holland since 1997.

Students will be instructed in the use of the trim saw and the steps involved in grinding, sawing, and polishing stones. This course will cover everything involved in producing calibrated and free-form cabochons.

An OptiVISOR and apron are needed for this class. Slabs will be available at a reasonable cost or you may bring your own. Students wishing to bring their own slabs, should bring slabs no thicker than 1/4". There is a lab fee of \$12.50.

BILL CADY *Beginning Silversmithing*

Bill is a former member of the Jacksonville (FL) Gem & Mineral Society and is presently with Henderson County (NC) Gem & Mineral Society. He studied silver fabrication in Florida and silver jewelry and casting through Haywood Community College in Clyde, NC. Bill has been working with silver and stones for 15 years and has taught at Wildacres and William Holland since 1996.

Students will be introduced to the tools, materials, and techniques of basic silver fabrication, which includes cutting, sawing, filing, assembly, silver soldering, and finishing of 3 or more pieces of jewelry including bracelets, rings, pendants, and earrings.

All tools needed for this class will be furnished and materials are available for purchase from the instructor at a reasonable price. An OptiVISOR or similar magnifying device is highly recommended. A \$25 lab fee is charged for consumable supplies used during the class. It covers some of the silver needed for the structured part of the class. The total cost is between \$50 and \$100 depending on the student's choice of stones and projects. Specific questions about this class may be E-mailed to Bill at bcsilver@bellsouth.net.

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Instructor Biographical Information and Course Descriptions (Continued)

CATHY CAWTHORNE *Beginning Silversmithing*

Cathy has been in creative arts and crafts for over 20 years. She began metalsmithing about 15 years ago working in fine jewelry repair, later expanding her horizons by studying with a number of renowned metalsmiths, learning many of the various techniques this craft has to offer. She has studied cloisonné and champlevé enameling, chain making, granulation, design and fabrication of jewelry and sculptural forms, chasing, repoussé, forging, raising, flatware, fold forming, tessellation, lapidary and tool making. She enjoys sharing and demonstrating her knowledge of these techniques to others in a casual way.

In this beginning silversmithing workshop the student will learn the fundamentals—sawing, filing, forming, soldering, fabricating, and finishing to come away from this workshop with a lot of ideas, some new jewelry and skills. There will be a studio fee of \$45 to cover expendables and the instructor will have silver available for purchase. Materials to complete the class projects can run from \$20 to \$100.

DEE AND BILL CONYBEAR *Beginning Chainmaking*

When taking early retirement in 1980, Bill and Dee moved from Leesburg, FL to Little Switzerland, NC, having been

attracted to the area by the beautiful mountains and the Spruce Pine Gem & Mineral Show. They were dedicated rockhounds and agreed to be the first volunteer caretakers of the new Lapidary Craft Shop at Wildacres. In 1984 they purchased one of the 10 home sites associated with the William Holland Retreat and were among the first of the many volunteers to help build the Lapidary School. Dee has served as Elderhostel Coordinator for William Holland Workshops and several positions for SFMS Workshops including Education Chair. Bill has enjoyed making lead castings of ant nests for many years. Now both are hooked on chainmaking and sharing with others what they have learned in many workshops.

Students will learn some of the techniques and patterns shared by many instructors in classes at Wildacres and William Holland. Unsoldered chains will be made in 22, 20, and/or 18 gauge round and 16 gauge half-round sterling silver or 14K gold-filled wire. Precut links will be available or you may cut your own. Basic tools are available, however, bring your own if available. Students will need an OptiVISOR. A class lab fee of \$25 will include a kit of supplies and instructions for some class projects. Wire and precut jump rings for additional projects will be available from the instructor. The course is estimated to cost between \$50 and \$100 depending on the number of chains you choose to make.

ADDY DePIETRO *Fused Glass*

Addy began teaching at William Holland in 1991 while owning a full service lapidary rock shop that specialized in beading materials, stained glass and all lapidary supplies. Addy and her husband, Joe, won the AFMS "Each One Teach One" national award for the year 1989, when they were workshop directors for their local Gem & Mineral Club. She is a retired

special education teacher who has been beading since 1973 and fusing glass since 1992. She has taught at her Rock Shop in Avon Park, FL, the local Gem & Mineral Club, the William Holland School, and for the SFMS both at Wildacres and William Holland. She began fusing glass nuggets for accent pieces for beading projects. Addy has her GIA certification in Pearl and Bead Design.

Beginning Fused Glass covers compatibility of glasses and ways to combine dichroic and other glasses to produce jewelry nuggets. Classes start with simple pieces and advance to "Addy's Opals" and pieces that resemble windows. Many finished pieces of jewelry using glass nuggets are also shown and discussed. The basic lab fee is \$20 and includes material for the student's first tile of nuggets. Each student usually makes 30 to 40 pieces for a cost of \$75 to \$100. Additional glass and supplies are available for purchase as well as kilns.

Bead Design is a structured class for the first 3 pieces. In addition the student is offered designs that are woven, twisted, multiple strands, illusion necklace, and earrings. Pricing of items and merchandising is discussed. Beads, findings, thread, and beading materials will be available. There is a \$22 lab fee for the kit for the first project. The course may cost approximately \$100 depending on the materials used. Questions about this class may be E-mailed to Addy at jadp@mindspring.com.

JOE DePIETRO *Opals*

Joe has been doing lapidary work since 1974. He has taught Cabbing and Opal Cutting at his Rock Shop in Avon Park, FL, and at his local gem club workshop where he was workshop director in 1988. He has been teaching at the William Holland School of Lapidary Arts since 1992, and teaches at Wildacres and William Holland Workshops for SFMS. Joe and his wife, Addy, won the AFMS "Each One Teach One" national award in 1989. He has specialized in Opal Cutting and Casting since 1998.

This class covers cutting of Australian, Boulder, Mexican and Spencer Opals. Joe teaches doublets and triplets in addition to the free form and calibrated opals. The students will use Genie and Pixie machines and flat laps, band saws, trim saws and buffers, as well as anything else that is new to the market to cut and polish opals. Joe has developed "Opal Cure" which is a simple method of healing cracks in opals and other soft stones. He teaches this technique in great detail in his Opal classes. Joe also specializes in the many uses of the new space age glues and epoxy, which he will explain. Appraisal of the students finished opal pieces is also covered.

There is no prerequisite for this class, however, previous cabbing experience is helpful. A Class Lab fee of approximately \$15 is charged for consumable supplies. Opal rough, supplies and equipment may be purchased from Joe. The total cost of the course can vary from \$25 to several hundred dollars depending on the amount and quality of opal chosen. Questions about Joe's class may be E-mailed jadp@mindspring.com.

Instructor Biographical Information and Course Descriptions (Continued)

MARY ANN & KEN DEVOS **Precious Metal Clay (PMC)**

Mary Ann & Ken have been involved in the creation of art & craft items for more than 30 years. They have worked in many media, mostly three-dimensional. They have studied at several community colleges and craft schools, such as Penland School of Crafts and with the Florida Society of Goldsmiths. Mary Ann has been a potter and a studio jeweler. She now works almost exclusively with silver clay. Mary Ann has trained in Japan in the use of silver clay and is a Master Instructor for silver clay in the US. Ken concentrates on making chains and the use of silver clay for the creation of jewelry. Both Mary Ann and Ken have taught jewelry making around the US, as well as in Europe, Canada and Japan. Their new book, *Introduction to Precious Metal Clay*, was published in 2002 by Wardell Publications. Both believe in making an effort toward continual growth through education. Questions about their class may be E-mailed to them at ken1d@iline.com.

PMC Level I: Imagine the ability to form silver using only your hands and a few simple tools. With Precious Metal Clay Plus, a student can mold silver to a shape within a short time and create a work in solid, pure silver. It is possible to combine PMC+ with gemstones, ceramics, glass, and almost any material that is compatible with the heat requirements of PMC+. It is amazing to see how this new material can be used. The only boundary is your imagination. The Level I Certification Workshop presents basic techniques in using all four forms of PMC+: clay, paste, syringe, and sheet. The student will receive step-by-step instructions on the creation of eight PMC+ projects. Class kits that contain most of the PMC+ supplies needed to complete this workshop cost approximately \$200.

***PMC Level II:** For those artists and teachers interested in furthering their knowledge of silver clay, this class is the next step in their journey. It builds upon the techniques learned in the Basic Silver Clay Certification class. The projects presented provide instruction on more complex forms and techniques than in the basic class. Projects include the use of PMC+ with enamels, porcelain and other metals such as gold and brass. Each project will enable the students to expand their appreciation of PMC+ in their jewelry design. The Level II Certification Workshop presents advanced techniques in using PMC+. The student will receive step-by-step instruction on six projects. Class kits that contain most of the supplies needed to complete this workshop and cost approximately \$200.

DAN HAGA **Advanced Silversmithing, *Goldsmithing, *Jewelry Repair, Southwest Silversmithing*

Dan learned the art of jewelry making over the past 15 years - but feels his real education was in the making of more than 7,000 fabricated pieces. His work is sold in galleries and stores throughout North Carolina. He has taught at William Holland School since 1995 and taught Goldsmithing at Wil-dacres in 2002.

***Advanced Silversmithing:** At least three classes in Advanced Silversmithing are recommended for this level. Students will learn all levels of jewelry making that Dan has in his repertoire. Among these are overlay, box catches and other closures, hinges of various types, and more. **Students must bring their hand own tools.** Work will be done using pre-selected projects ranging in price from \$50 to \$150 in cost. The student can expect to spend \$200 plus for this class.

***Goldsmithing:** Prerequisite for gold fabrication is at least two classes EACH of Beginning and Advanced Silversmithing. A very good knowledge of soldering, sawing and buffing are a must. Students will have a good knowledge of gold jewelry creation upon completion of the course. **Students must bring their hand own tools.** A lab fee may apply for consumable supplies used during the class. Students work from projects selected by Dan with prices for each kit ranging from \$45 to \$100. A student should expect to spend between \$250 and \$350.

***Jewelry Repair:** Beginning and Advanced Silversmithing are required prerequisites. This course is a beginner's course in Jewelry Repair and not at a level for bench jewelry repair. Students will be taught such things as ring sizing in both silver and gold, prong tipping and replacement, stone setting, building up a worn shank, converting earrings from post to clip and clip to post, chain repair, bracelet pin replacement, box catch repair, among other things. In addition to materials that the instructor supplies, students should bring their own jewelry to repair. **Students should bring their own tools to include a Dremel or Freedom, third hand, snips, saw, ring mandrel, etc.** Cost for the course will run approximately \$125.

Southwestern Jewelry: The student will learn beginning techniques for making southwestern style jewelry using sterling silver, turquoise, and other stones. Design stamping will also be taught. The student will have at least four projects to complete. The project cost will range from \$35 to \$100. The total cost of the course can range from \$150 to \$250.

BILL HARR *Casting*

Bill collected opal in Australia and took cabbng, casting and silversmithing there. He is a member of two local gem and mineral clubs; has taken cabochon cutting, silversmithing and casting classes. He was the President of The Canaveral Mineral and Gem Society of Melbourne, Florida, in 2002, and was reelected President for 2003. Bill has managed the local CMGS workshop since 2002 and has taught casting and silversmithing there.

Students will be instructed in the three systems of casting; centrifugal force, steam and vacuum casting. They will use wax patterns and wax made articles. (Perhaps little flowers and/or insects.) Once the castings are made the students will learn how to finish them. There may be a \$5 lab fee charged in this class and materials will be available for purchase from the instructor.

Instructor Biographical Information and Course Descriptions (Continued)

JO HARRISON *Seed Beading, Fused Glass*

Jo, a native of Missouri, lived in California, where she designed and created stained glass windows for restaurants and country clubs. She sees making beads and bead weaving as a natural progression of her work in glass. In 1965, she became interested in the Native American culture, and learned the basics of beading from a Native American woman, and afterwards teaching herself. Weaving with seed beads is a passion close to Jo's heart, especially the mystical medicine (amulet) bag. Jo's experience with beading covers multiple techniques, Peyote being her favorite; "you can Peyote onto anything" she says. She feels the higher the degree of difficulty, the more satisfaction you will achieve. She enjoys combining fused glass and PMC with the beads to create unique personal beauty to the amulet bags. She became fully certified in Precious Metal Clay and combines all of her art forms to make wonderful artistic beaded, fused, wirewrapped and PMC pieces. She owns her own business in Campobello, SC, and has done trade shows and festivals since retiring from California to South Carolina in 1987.

Seed Beading: Jo has been teaching beading since 1969 and has been teaching for several years at Chevron Trading Post & Bead, in Asheville, NC, and Tryon Art & Crafts in Tryon, NC, as well as William Holland. She offers a number of patterns or you can provide your own. She will also touch on the easiest method of designing your own projects. Basic Beading will include a number of stitches such as Peyote, Brick, Netting, Square, Right Angle Weave and design. There will be time in the class to learn what you want to learn. Advanced students will choose an amulet bag, most having 20 to 50 colors in them, and Jo will show you the easiest way to achieve the finished item. Supplies and class materials are from \$25, depending on the projects selected by the students. Students may get in touch with Jo at horsefeathers1@alltel.net or at her shop at 1-866-228-7600.

Fused Glass: Beginning Fused Glass covers compatibility of glasses and ways to combine dichroic and other glasses to produce jewelry cabochons. The basic lab fee is \$50 and includes material for the student's first two day of making cabochons. There will be an abundance of material available for purchase. Each student usually makes 20 to 60 pieces for a cost of \$50 to \$200.

ALLEN JEWELL *Beginning Silversmithing*

Allen started studying lapidary arts over thirty years ago while living in southern Africa. He studied silversmithing through Adult Education in Louisville, Kentucky. He has taught and led work sessions in cabochon cutting, faceting, and silversmithing for the Kyana Gem and Mineral Club in Louisville and the Blue Grass Club in Lexington, Kentucky. His work is sold at arts and craft shows as well as at lapidary shows.

Allen's class will concentrate on the use of tools for cutting, forming, soldering, and polishing silver. Projects will include a bracelet, a ring, and a pendant. Each student should be able to make at least five projects of jewelry and go home with the

ability to continue.

All tools needed for this class will be provided. An OptiVISOR is recommended and is optional for this class but safety glasses are a must and must be provided by the student. Silver will be available for purchase from the instructor. A kit containing six projects will cost \$60 and additional material and projects will be available.

JULIA LARSON *Stained Glass*

Julia was born in Michigan, grew up in Orlando, lived in Tallahassee, New Orleans, Coral Gables, Bradenton and now calls St. Petersburg home. She has a BA from Florida State University and worked for the State of Florida for about 25 years. In 2000, she decided it was time to go into glass full-time. She has been doing glass for about 15 years, first under different instructors, then largely self-taught. Her work is at the Beverly Fleming Gallery in the Towles Court Artist Colony in Sarasota. In addition to selling at the Beverly Fleming Gallery, Julia does private sales, commission work, and teaches classes out of her home studio. Some of her work may be viewed at www.towlescourt.com. Julia is a member of the Towles Court Artists Association and the Art Glass Suppliers Association.

Stained Glass: In Julia's class, students will learn how to use the tools, how to score and break glass safely, how to prepare and lay out patterns, how to solder, and how to finish their work. Using the copper foil method, students will complete a small panel, approximately 16x10 inches. A selection of patterns will be available, with glass for each pattern. Students must have steady hands and good eyesight. Cutting glass does not require a lot of hand strength, but you must be able to cut and follow pattern lines with a marker and with the glasscutter. Breaking the glass requires a certain amount of dexterity to develop the right "touch" to accomplish the job. Foiling takes a keen eye and a steady hand to ensure it is placed properly around the pattern pieces. Soldering should be done smoothly; the iron and solder must be held in steady hands to ensure a good solder line and to avoid accidents.

Small nicks and cuts will probably occur. Safety glasses will be provided and must be worn when cutting and grinding. For safety reasons, students must wear closed-toed shoes and older clothing or an apron is suggested. Cost for each student is \$95, which includes all materials and use of tools. Additional small projects will be available at the student's option for a fee of \$15 to \$25.

DAVID LONER *Beginning Faceting*

David has been faceting since 1960 and is always learning new techniques to pass on to his students. He has taught at Wildacres since 1986 and has taught at the William Holland School since 1992.

David teaches Meet-Point Faceting to beginners and the first stone is a round brilliant of quartz or glass. He will use the book *Introduction to Meetpoint Faceting*. The student should be able to complete two stones during the week. **All students should have a #7 or #10 OptiVISOR or equivalent.** David

Instructor Biographical Information and Course Descriptions (Continued)

will have the book and other items available if you need to purchase them. The class cost can vary from \$4 to \$60.

CINDY McDOWELL *Raku Pottery*

Cindy McDowell began her journey in art at the Children's Art League where she received four concurrent scholarships to study design, drawing, and watercolor under nationally recognized artist Adrienne Frazier. In college her media of choice turned to clay where she studied under Master Potters Joe and Manny Hernandez. In 1978 she moved to Orlando, FL, received a degree in Marketing and continued her studies in clay at the Crealde School of Art in Winter Park Florida where she was awarded a Fellowship in Ceramics. She built a working studio and supports herself by teaching ceramics at the Maitland Art Center, City of Orlando Ceramics Department, and by selling her work through various galleries and art shows in the southeast. McDowell has won numerous awards at juried art shows across Central Florida. At the request of President and Mrs. Clinton, she now has two pieces of her work as part of the White House collection.

The three basic hand-building techniques are taught to the students. At least one project is presented in a step-by-step format to the entire class. This ensures that everyone will complete a quality piece without having any previous experience and allow the instructor to synchronize the firing space and timing. After the student completes this project, they are allowed to work on projects of their choice (within certain conditions of size, complexity, number of pieces). Cindy provides all instruction, knowledge, techniques, and materials for a student with any level of experience to complete quality projects and have a fun time while doing so. There is a basic lab fee of \$12.50 and the usual cost of the course is between \$100 and \$200 depending on the projects chosen by the student. Contact Cindy at 386-574-5902.

DONALD MONROE **Channelwork*

Don is a Past President of the SFMS and has been a Director at both SFMS William Holland and Wildacres Workshops. He started teaching silversmithing at William Holland in 1997, and has also taught at Wildacres workshops and the John C. Campbell Folk School. Don does commission pieces in silver and gold, specializing in various Scottish motifs produced for members of the Scottish Clans in the U.S.

Students in this class will have the opportunity to produce a Channel Inlay piece of their own design or to work on some unique jewelry items incorporating a variety of stones. Some students may elect to do both a Channel Inlay piece and another jewelry piece if time permits. Experience level, complexity of the design selected and work pace of the student will govern just how much can be completed. Students must be competent in soldering silver and will find stone cutting experience helpful. Prerequisites are Beginning Silversmithing and some additional soldering experience.

Students should bring an OptiVISOR and their own hand tools. Don will contact the applicants directly to determine what they would like their projects to be. A lab fee of

approximately \$20 will apply to this class. If students require silver (and most do) the cost of the class will be the class fee and about \$30 - \$40 for silver. Questions about Don's class may be E-mailed to him at: donmonroe@att.net.

RUTH ANN MOORE *Beginning Wirecraft*

**Advanced Wirecraft*

Ruth Ann has taught at William Holland since 1996 and teaches every Saturday in the Bead Shop in Lakeland, FL. She has done shows while traveling in a Motorhome and has worked out of a gift shop. Her jewelry is shown in various gift shops.

Beginning Wirecraft: The students will first learn about wire and get the feel of it. Then they will make bracelets, pendants, rings, and earrings. The students initially complete several simple projects such as a neck wire, loop earrings, a simple stone wrap, a baby or pinkie ring, and a bracelet. They will continue with traditional wirecraft and freeform and beginning sculpture. Project kits are priced around \$5 and the student may spend \$65 to \$70 during the week.

***Advanced Wirecraft:** The students will usually start with a basic project so that the instructor can determine the level of experience. Then they will work on projects from that level up according to the student's capability. The instructor has over 30 bracelet patterns and sometimes has devoted a whole week to just rings. There will be many pendant and earring projects. **Advanced Students are expected to bring their own tools.** There will be a basic charge of \$5 for handouts and the cost can go up if the student needs to buy wire.

MIKE REYNOLDS *Geology and Space Science*

Mike is a member of the Jacksonville Gem and Mineral Society, as well as a number of astronomy organizations. He is active in the field recovery of meteorites and crater research, has successfully taught astronomy at every level, and was the Director of a major space science museum and is now Director Emeritus. As a science teacher—regardless of the field—he loves hands-on experiences as well as sharing his excitement about the field. He has written several articles and books and is excited about developing this new class for students at Wildacres.

This course is a special mix of local geology and the spectacular view of the starry skies from Wildacres. Students will learn about the geology, and then travel out to not only see the geology first hand but with opportunities for private digs. An introduction to the night skies, as well as viewing, will be highlighted. And to tie everything together, a session on meteorites should enhance the earth and space experience.

You will need a hardhat and safety glasses; rock hammer/pick optional. Students are invited to bring their personal binoculars and telescope, as well as a flashlight. A book on meteorites (*Falling Stars*) and a Planisphere (*The Night Sky* for latitude 30-40 degrees) is required; both available from the instructor for \$23. Fees for access to local mines will be about \$60.

Instructor Biographical Information and Course Descriptions (Continued)

LISA ROBERTS *Beginning Wirecraft and *Advanced Free-Form/Sculpture*

Lisa Roberts is a past president and current member of The Knoxville Gem and Mineral Society. She has studied at William Holland School of Lapidary Arts and the SFMS Wildacres Workshops. Lisa has been doing wirework for more than 4 years. She has incorporated her chain making, glasswork and other Lapidary arts into her work. Lisa's talents are recognized in both traditional wirecraft and wire sculpture.

Beginning Wirecraft Class: Students will learn how to create bracelets, pendants, rings, and earrings using gold-filled wire. **All tools needed for this class will be supplied** and materials may be purchased from the instructor at a cost of approximately \$80 to \$150 depending on the projects chosen for the class. There is no lab fee and students should have good eyesight or bring an OptiVISOR and have good dexterity.

***Advanced Free-form/Sculpture Wirecraft Class:** To enroll in this class, **students must have taken previous wirecraft classes and have their own tools.** The student will complete 18 to 22 projects including bracelets, earrings, and pendants. The instructor will supply all material; however the student may bring calibrated and freeform cabochons. A \$20 lab fee applies to this class. The total cost can range between \$200 and \$275 depending on the projects selected.

JOHN RUNKLE *Chain Linkables:*

John is a retired Design Engineer and a member of the Three Rivers Gem and Mineral Society and the Midwest Federation. He learned to make chains from Tim Tater, Preston Kemp and Bob Kennedy at the William Holland School of Lapidary Arts.

Students will learn to close and solder silver jump rings to make chains of different patterns. They will learn to make rings, earrings, and bracelets from chain mail. Students should bring an OptiVISOR or other magnifier and, if they have one, a small hand torch. There will be a \$20 class fee. Pre-cut sterling jump rings for each project will be available for purchase. These are priced from \$6 to \$16 for each project kit. The cost of this class may total from \$60 to \$120 depending on what the student wants to make.

JEFFREY SHEER **Advanced Metalsmithing*

Jeff, a retired US Air Force Dental Technician, is President of the Sandhills Gem & Mineral Society in Southern Pines, North Carolina. He has been involved in lapidary work and jewelry for more than 36 years and has taught at Wildacres Workshops for many years. He also teaches at Sandhills Community College, Pinehurst, NC. He is a Certified Gemologist and owns a jewelry and design business in Southern Pines. His work includes lost wax casting, jewelry repair, jewelry making, and silversmithing.

Students will need to **bring their own hand tools** and must have taken silversmithing classes and have silversmithing

experience. Advanced techniques will be introduced and developed in producing class and individual projects and repairs. Students should bring any jewelry they have that needs repairing. Gold may be used as well as silver. There is a \$33 lab fee for this class and materials are available from the instructor for purchase. Questions regarding the class and prerequisites may be E-mailed to Jeff at jasheer@earthlink.net or check out his web site at: <http://home.earthlink.net/~jasheer/index/index.html>

FRED SIAS *Beginning Lost-wax Casting*

Fred Sias is a retired university professor. He has worked with most lapidary techniques including faceting, gold and silversmithing, channel work, opal cutting, and lost-wax casting. He has taught lost-wax casting at Wildacres for both the Eastern and Southeast Federations, and at the William Holland School in Georgia.

The course is designed to teach the basic techniques for lost-wax jewelry casting. Starting with a commercial wax model, the student will learn the proper methods for repairing wax models, attaching sprues, investing, burnout, casting, and final finishing of a piece of jewelry. Emphasis will be on learning why certain steps are performed as well as the alternative methods that may be employed to produce quality castings.

This course is intended to enable a student to make intelligent decisions if he/she should desire to set up casting facilities after returning home. Approaches from simple methods with home-made equipment to the more expensive professional equipment will be discussed. Steam casting, vacuum casting and centrifugal casting will all be demonstrated and the student will have the opportunity to experiment with some or all the techniques. A kit of supplies including investment and an ounce of sterling silver will cost \$25. Questions about the class may be emailed to Fred at frsias@mindspring.com.

BRUCE SIEGFRIED *Beginning Mineral Identification*

Bruce has always been interested in studying the natural things of our earth, ever since his boyhood days in rural Eastern Pennsylvania. He is an outdoor enthusiast who has a special love for rocks and minerals. He has been an avid collector for the past forty years. He has learned much since moving to the Franklin, North Carolina area. In part, this is due to his membership in the Franklin Gem and Mineral Society for the past six years, as well as serving for four years as the curator of the Franklin Gem and Mineral Museum. Since taking the class at William Holland in 2003, he also enjoys making cabochons.

This is an introductory class for students who have little or no experience in identifying minerals. Students in this class will concentrate on recognizing minerals. They will become familiar with the basic concept behind several mineral test methods, including the "Hardness Test" and the "Streak Test". You will learn how to identify the more common minerals using visual methods. Other mineral ID procedures will also be explored including crystal forms. You are welcome to

Instructor Biographical Information and Course Descriptions (Continued)

bring a few unidentified specimens to class. There will be a \$15.00 class lab fee that will provide you some minerals to be tested, testing equipment, and mineral notes.

BEN SMITH *Gem Appreciation*

Ben, an SFMS Past President, holds the title of F.G.A. (Fellow, Gemological Association of Great Britain), has a Certificate in Diamond Grading & Evaluation issued by GIA, and is a Senior Gemologist from Accredited Gemologists Association. He is a member of the Central NC Mineral Club in Chapel Hill, and holds a Master Craftsman Certificate in Faceting. He has been involved in the purchase and sale of gem rough and gemstones for over 40 years and has taught more than 40 classes at SFMS workshops.

In Ben's class, students will learn procedures used in the proper identification of gemstones in an interesting and stress-free atmosphere. Instruments used include the binocular microscope, refractometer, polariscope, and dichroscope. **No prior experience is necessary.** There is a \$10 lab fee for this class to cover instrument maintenance.

DAWN THORNTON **Advanced Wirecraft*

Dawn is a professional wire artist who has been perfecting her art for over nine years. She has been an instructor at William Holland since 1994. She is always searching for and developing new and interesting designs to teach her students and continues to update her own skills by taking instruction from other master wire artists. She is a member of the Tomoka Gem and Mineral Society of Holly Hill, FL.

Both beginners and advanced students are taught with an interactive hands-on approach. Prerequisite for her advanced class is one year of wire craft experience or teacher's discretion. **Advanced students should bring their own supplies including tools, wire (21 sq, 22 sq in GF or S/S in both half hard and soft as well as 20 and 21 half round.** Bring cabochons or faceted stones to be used in projects, which will consist of pronged rings, pendants, free-form wire sculpture, earrings, and bracelets of all kinds. Supplies will be available for projects from the instructor for between \$50 and \$75.

MACK THORNTON *Beginning Silversmithing*

Mack began silver soldering in the military service and then started making silver jewelry in the late 1980's. He started teaching at the William Holland School in 1994. He is a member of the Tomoka Gem and Mineral Club of Holly Hills, FL and also teaches there.

Beginning silver teaches the student shop safety and the proper use of hand tools and torches. Mack then demonstrates what each tool is used for when working with silver.

He introduces the basic steps to building a simple ring, how to control the heat of the torch, how to solder in two different ways, how to use the buffing machine, the proper polish to use, and an easy way to clean silver jewelry. The first project is a plain silver ring. The cost of a materials kit is \$10. The second project is another ring but this time we dress it up. The cost is also \$10. After everyone completes the first two projects the student can work on pendants, bracelets, and many other things. Each project a student makes will cost from \$10 to \$20 or more, so the cost for the course can range from \$60 to \$90, or more.

TOM WILKIE *Beginning Faceting and Beginning Intarsia*

Tom began faceting in a Wildacres workshop 1991. After taking Advanced Faceting from Harold Smith and Intarsia from Phil Magistro at Wildacres, and cutting a few hundred gemstones, he began teaching in 1997. An Information Technology Manager for Eastman Chemical Company in the working world, Tom retired in 1995. He is a past president of the Unaka Rock and Mineral Society of Johnson City, Tennessee, and Past and Current President of the Kingsport Gem and Mineral Club in Kingsport. For several years he taught a gem appreciation class at the Kingsport Senior Center. Tom and his wife, Jenny, have a small business, L & G Crafts, for custom cutting of faceted gemstones, cabs, and creation of intarsia pieces.

Beginning Faceting course is designed for individuals with little or no faceting experience. The students will be taught the basic fundamentals of faceting and should complete at least one round standard brilliant stone. An OptiVISOR or other magnifier is needed for this class. A \$10 lab fee will be charged and rough material will be available for purchase from the instructor. Faceting machines will be provided.

Beginning Intarsia This class is devoted to teaching the students how to design and create intarsia pieces using a faceting machine. Each student should complete two, and perhaps as many as five, beautiful pieces. All students are required to provide their own OptiVISOR, calipers, and apron. They are encouraged to bring their own faceting machines, but are not required to do so. The instructor provides smoothing and polishing laps. Cabbing and faceting experience is very helpful but not required. The instructor will prepare kits (precut rough) for the first intarsia project. Both synthetic, and natural rough will be available from the instructor for purchase. Any questions about the course should be directed to Tom (E-mail: twilkie@mounet.com or phone: (423) 247-6608. A lab fee of \$20 will be charged to cover the cost of the kit, polishing materials, and miscellaneous supplies.

Overview of 2005 SFMS Workshops

	April (WA)	June (WH)	August (WA)	September (WA)	October (WH)
	Apr. 18-24, 2005	Jun. 12-18, 2005	Aug. 22-28, 2005	Sep. 19-25, 2005	Oct. 9-15, 2005
Bead Design and Tying			Addy DePietro		
Cabochons, beginning	Gerald Burnham	Gene Baxter			
Chainmaking, beginning	Dee/Bill Conybear	Dee/Bill Conybear			John Runkle
Channelwork		Don Monroe			
Faceting and Intarsia	Tom Wilkie				
Faceting, beginning			Dave Lonser	Tom Wilkie	
Forged Jewelry					
Fused Glass	Jo Harrison	Addy DePietro			Addy DePietro
Gem Appreciation/Ident.			Ben Smith	Ben Smith	
Glass Bead Making				Cheryl Ashley	
Goldsmithing, advanced				Dan Haga	
Intarsia	(see faceting)				
Jewelry Repair					Dan Haga
Lost-Wax Casting		Bill Harr	Fred Sias		Fred Sias
Metalsmithing, advanced			Jeff Sheer		
Geology and Space Science	Mike Reynolds				
Mineral Identification					Bruce Siegfried
Opal Cutting		Joe DePietro	Joe DePietro	Sara Lee Boyce	Joe DePietro
Precious Metal Clay 1			Ken/M.A. Devos		
Precious Metal Clay 2				Ken/M.A. Devos	
Raku Pottery			Cindy McDowell	Cindy McDowell	
Seed Beading					Jo Harrison
Silversmithing, advanced		Dan Haga			
Silversmithing, beginning	Bill Cady	Allen Jewell		Cathy Cawthorne	Mack Thornton
Silversmithing, Southwest			Dan Haga		
Stained Glass	Julia Larson	Julia Larson		Julia Larson	
Wirecraft, advanced	Ruth Ann Moore				Dawn Thornton
Wirecraft, intermediate		Betty Baxter			
Wirecraft, beginning	Lisa Roberts		Ruth Ann Moore	Lisa Roberts	Lisa Roberts
Wirecraft, Sculpture		Lisa Roberts	Lisa Roberts		

THE SOUTHEAST FEDERATION OF
MINERALOGICAL SOCIETIES, INC.

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3660 Prince Way
Tucker, Georgia 30084-8317



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