FROM YOUR PRESIDENT

Mark Easterbrook

I am glad that winter is finally over and spring is here. This month I want to discuss SFMS membership renewals. Ray Behr as your SFMS membership secretary is doing a great job of getting the word out to each and every club about renewing their membership to the SFMS. Ray started the 2010 renewal process back in September of last year (Ray can correct me on this), yet as late as the middle of March there were still at least six clubs who had not yet renewed their membership and wanted to remain in the SFMS. If there is anything we can do to make this renewal process easier please let Ray or me know. Past due membership renewals put extra work on both Ray Behr and SFMS Secretary Beryl Ferguson to contact delinquent clubs through phone calls and emails. The deadline for renewal is January 31 according to the SFMS By-Laws Article I, Section 2, and Article VIII, Section 1. When your club receives renewal information for the coming year please make sure that your club officer responsible for membership renewals also receives this information so the process can be done in a timely fashion and have the forms sent back with your renewal fees before the end of January of the following year. Also, if for some reason you have not received your renewal information by at least early Dec, please let Ray know about that so he can get any missing renewal information out to your club. The SFMS website also has the latest membership forms and instructions (http://www.amfed.org/sfms/membership.html).

Don’t forget about the SFMS workshops at William Holland and Wildacres. The first classes start in June at William Holland. I know classes are filling up. So, get your workshop registrations sent in as soon as possible to get the class you would like to take. This is a valuable and necessary educational service to the SFMS membership. The details are in the Lodestar and on the SFMS website.

I’m looking forward to seeing all of you at the Spring Executive Board meeting on May 1 here in Charleston, SC with a Friday night roundtable discussion on April 30. Registration details are in this edition of the Lodestar. Charleston has a lot to offer and is a very tourist-friendly town. Charleston has been voted one of the top five tourist travel destinations in our country by different travel magazines. See you there!

CARL’S EDITORIAL COMMENTARY

This month’s lead article by Julian Gray was recognized in 2004 by the American Federation of Mineralogical Societies (AFMS) with an advanced adult article award. I dare say that most of us have never seen a crystal with a liquid inclusion inside much less recognize their scientific worth. Next time you encounter one of these rare finds, or its cousin the enhydro, in the ground or at a show, you can better appreciate its value with Gray’s adroit commentary.

Some of SFMS’ member clubs/societies are still sorting out their IRS tax-exempt status with a reporting deadline around the corner. After a detailed read of IRS Publication 557 and a conversation with an IRS agent, I have summarized (on page 6) some more tax-exempt status options for club/society management to consider.

Then, on page 9, Don Monroe offers some insight into the inlay channeling contributions of Ed Elam (deceased), and calls for more instructors to join in teaching this particular lapidary art to others.

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

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THE SOUTHEAST FEDERATION OF
MINERALOGICAL SOCIETIES, INC.

A Non-Profit, Non-Commercial, Non-Political Organization and Regional Federation of the American Federation of Mineralogical Societies

PURPOSE:
To bring about a closer association of Clubs and Societies devoted to the study of Earth Sciences and the practice of Lapidary Arts and Crafts in the Southeast part of the United States.

OBJECTIVE:
To cooperate with similar Federations to promote public interest in the Earth Sciences and the conservation of natural resources.

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Articles for the May 2010 Lodestar are due by April 25, 2010.

Copyright© 2010 by the Southeast Federation of Mineralogical Societies, inc. Except for items that are specifically copyrighted by their authors, other societies may use material published in Lodestar provided that proper credit is given and the sense or meaning of the material is not changed. - Editor: Carl Talbott
### FIELD TRIPS

**April 17—18, 2010:** Dothan, Alabama - Dothan Gem & Mineral Club. 3rd Annual Gem & Mineral Show, Westgate Park (James Grant Rec center, 501 Recreation Road. Free parking & admission. Hours: Sat 9-5 & Sun 10-4. Contact Arnie Lambert (334) 792-7116 or arlambert@comcast.net


**May 7-9, 2010:** Marietta, GA - The Georgia Mineral Society. 42nd Annual Gem, Mineral, Jewelry, & Fossil Show, The Cobb County Civic Center, 548 S. Marietta Parkway & Fairground Street. Hours: Fri & Sat 10 - 6, Sun 12 - 5, Auctions Sat 1pm. Contact Kim Cochran (770) 979-8331 or mayshow@gamineral.org

**June 5 & 6, 2010:** Birmingham, AL - Alabama Mineral & Lapidary Society. 37th Annual Tannehill Gem, Mineral, Fossil, & Jewelry Show, Tannehill Ironworks Historical State Park. Hours: Sat & Sun 9 - 5. Show is free with paid admission to state park. For info call Gene Blackerby (205) 807-6777 or gene@lapidaryclub.com


**June 18-20 2010:** Whittier, California - AFMS/CFMS Show and Convention hosted by North Orange County Gem and Mineral Society. Hours: 10-5 daily. Contact Mike Beaumont (714) 510-6037 or www.nocgms.com

**August 13-15, 2010:** Gulfport, MS - Harrison County Gem & Mineral Society. 35th Annual Harrison County Gem & Mineral Show, West Harrison Community Center, 4470 Espy Ave, Pass Christian, MS. Hours: Fri 12-7, Sat 9-6, Sun 10-5. Admission: Adults $3 & children under 12 free with paid adult. Contact: Tomsey Westermeyer Show/ Dealer chairman at: 228-586-5279 or e-mail at: tomsey@cableone.net

**September 10-12, 2010:** Winston-Salem, NC - Forsyth Gem & Mineral Club. 39th Annual Gem & Mineral Show, Educational Bldg, Dixie Classic Fairgrounds (free parking through Gate #9 from 27th St only). Hours: Fri & Sat 10-7, Sun 12-5. Contact W.A. Marion at mariona1@yadtel.net

**October 1-3, 2010:** Dallas, NC—Gaston County Gem, Mineral & Faceters Club. Biggerstaff Park, Hwy 279 (Cherryville Hwy), Dallas NC. Free admission, hourly raffles, gems, minerals, fossils, jewelry. Hours: Fri, Sat & Sun 9-6. Contact Jackay McDaniel 704-865-6748 or jackaythegrizz@aol.com or Connie Cole 704-864-4387.

**October 2-3, 2010:** Lexington, KY - Rockhounds of Central Kentucky. 20th Annual Gem, Mineral, & Jewelry Show and Sale, Kentucky National Guard Armory, 4301 Airport Road Hours: Sat. 10 to 6 and Sun. 12 to 5. Mineral, jewelry, and equipment dealers; club sales and exhibits; hourly door prizes for adults and children; blacklight display; kids quarry; and silent auctions. Grand door prize drawing at 5 PM Sunday. Admission Adults $1, children 6-12 50 cents, max $3 per family. Scouts in uniform get in free. Contact: Mona Ferrell monaferrell@yahoo.com or Trish Henson birgdgal@att.net

**November 6-7, 2010:** Melbourne, FL - Canaveral Mineral & Gem Society. Parade of Gems, Melbourne Auditorium, 625 E. Hibiscus Ave. Hours: Fri & Sat 10-5. Contact Don McLamb 321-723-2592 or fdjmc@aol.com

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### UPCOMING SHOWS

**April 17, 2010:** Hogg Mine, 1231 Bartley Rd, LaGrange, GA. Hosted by Montgomery G&M Society. Rock swap & dig. Fee is $17/adult. Sign-in 8-9 (no late entry).

**April 24, 2010:** Vulcan Bartow Quarry, Cartersville, GA. Hosted by the Georgia Mineral Society. Start at 10 am looking for Porphyroblastic granite gneiss with blue quartz found within the granite. Contact George Libby, cell phone 678-910-7476.

**May 8, 2010:** Thermal City Gold Mine, Union Mills, NC. Hosted by the Columbia Gem & Mineral Society. Fee is $5 to pan all day starting at 9 am. Info on camping at www.thermalcitygoldmine.com. Contact Allen Gibbs at allenisgibbs@pbtcomm.net or 803-894-5680

Field trips are open to all members of clubs associated with the DMC program of the SFMS Field Trip Committee and to all members of SFMS clubs/societies who provide their membership with SFMS liability insurance. Because of insurance requirements, members of the general public are NOT invited to these or any DMC program field trips.

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To ensure your show is listed here, send a written notice to the Lodestar Editor: Carl Ralbott, 216 Spring View Drive, Murphy, NC 28906 or e-mail dtalbott@bellsouth.net.
Mineral dealers at rock shows will occasionally offer specimens labeled enhydros for sale. What they are selling are typically quartz crystals with liquid inclusions. Within the liquid is a tiny bubble and if you tip the crystal back and forth the bubble will move. The dealers will often circle the bubble and if you cannot find the bubble, the dealer will spend a lot of time searching with you. Most require that you use a magnifier. So what are these things?

First of all, they are fluid inclusions, not enhydros, and they are also much more common than you might imagine. I will define both, but here is how fluid inclusions form. Minerals grow by adding elements to their surfaces, edges, and corners. Quartz crystals grow in many environments, but they commonly form by growth out of a hydrothermal solution – hot ground water containing dissolved silica. Growth rates and mechanisms are complex subjects and some scientists spend years on this single area of research. It is enough for our purposes here to know that different parts of a single crystal or crystal face can grow at different rates. When this happens microscopic pits develop in the crystal faces. These become the vessels for our bubble-bearing liquid. Think of the hopper shaped halite or copper crystals that you’ve seen or those deep cavities or the faces of some Brazilian quartz. As the crystal grows larger, the next layer or several layers of crystal growth can cover these pits trapping liquid in the process. Now the fun begins!

When a liquid is heated it expands, when it cools it contracts. Solids like quartz also expand and contract, but to a much smaller degree. An everyday example of expanding and contracting liquids is the liquid in a glass thermometer. The glass in a thermometer also expands and contracts, just not nearly as much as the mercury or colored alcohol in the tube. When our quartz crystal is finished crystallizing, it cools down (and so does the liquid in the inclusion). The cooling liquid contracts and may pull away from the sides of its tiny quartz container forming a vapor bubble.

Scientists call these trapped liquids and their bubbles fluid inclusions. They are quite common and very fascinating. The white color of milky quartz is due to thousands or perhaps millions of microscopic fluid inclusions. Gemologists see inclusions when they look at certain gemstones (emerald is a good example) with a microscope. The liquid is not always water. A common fluid in ore forming processes is salty water. In general, hot water can dissolve a lot more salt than cold water can. Quartz growing in hot salty water may trap some of that salt water in inclusions. When the salt water in the inclusions cools and contracts, it too will form a bubble.

But another interesting thing happens; because the water has cooled down it can no longer hold as much salt as it did when it was hot. Salt begins to crystallize out as a halite crystal within the fluid, which in turn is trapped in the quartz crystal. Imagine peering into a microscope and seeing an inclusion with a tiny vapor bubble and microscopic halite crystal (micro-mounters eat your heart out)! Other things found in these fluid inclusions, for example, are carbon in fluids internal to Herkimer diamonds (doubly terminated quartz crystals from Herkimer, New York) and oil in fluorite from Elmwood, Tennessee (oil often fluoresces – check out your fluorite). There are many more examples of wild stuff trapped in minerals (see Roedder, 1972).

Let’s think about this for a minute: the fluid in the inclusion is an actual sample of fluid in which the mineral was growing! For this reason, fluid inclusions are geochemical time capsules for scientists. Techniques have been developed to study these inclusions and determine their composition and the exact means of trapping (Roedder, 1962 and 1984). They tell us how minerals grow, how ore deposits form, and even guide us to oil or metal deposits. They also add or detract from the value of gemstones. And they are simply entertaining to
I have a large inclusion in amethyst from the pegmatites in Brandenburg, Namibia. You can see the inclusion through a prism face of the amethyst without a magnifier. The bubble will move around its triangular home in the amethyst when you rotate the crystal 360 degrees.

So what is an enhydros? The American Geological Institute’s Glossary of Geological Terms (Bates and Jackson, 1987) defines an enhydros as “a hollow nodule or geode of chalcedony containing water, sometimes in large amounts.” This is different from the fluid inclusions that we have been talking about thus far. Chalcedony is a microcrystalline, fibrous variety of quartz. Chalcedony may entirely fill a cavity, or it may leave a void in the center to form a geode. The void sometimes fills the remaining liquid, which may leave a void in the center. If you see an enhydros, it may look like a chalcedony geode, but if you shake the enhydros the water will move around.

Scientists call the quartz with moving bubbles fluid inclusions. Geodes with water are called enhydros. Enhydros are scientific curiosities; fluid inclusions are a scientific research tool. It is sort of like the fluid equivalent of the difference between a rock and a mineral. It is incorrect to label a mineral with a fluid inclusion an enhydros. A label calling attention to the fact that a mineral bears fluid inclusions is correct and should even increase the value of the scientific value and unique circumstances under which they formed. Now get busy changing those labels!

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MORE INSIGHT ON TAX-EXEMPT ORGANIZATION REPORTING

By Carl Talbott, Lodestar Editor

In the March 2010 Lodestar edition, Ed Harris and I discussed recent changes in Internal Revenue Service (IRS) reporting rules for tax-exempt organizations that resulted from the United States Pension Protection Act of 2006. Most important is the requirement to file an annual informational return (IRS Form 990, Form 990-EZ, or Form 990-N e-Postcard) with the IRS by the 15th day of the 5th month after the close of an organization’s tax year.

IRS Publication 557, Tax-Exempt Status for Your Organization, (as revised June 2008) provides details on the various types of tax-exempt organizations and how to apply for tax-exempt recognition from the IRS. For example, some organizations can qualify under 501(c)3 tax-exempt rules if organized for charitable, educational, scientific, or religious purposes. One major advantage of 501(c)3 status is that donations to such organizations are deductible as charitable contributions on the donor’s federal tax return. Formal recognition as a 501(c)3 organization involves an application on IRS Form 1023 along with a filing fee. However, if gross annual receipts are less than $5,000, an organization meeting all 501(c)3 criteria need not file Form 1023 because they are automatically tax-exempt. Nonetheless, annual IRS 990 reporting requirements must be followed on pain of losing tax-exempt status.

Other organizations, such as gem and mineral clubs, may want to qualify under 501(c)7 tax-exemption rules for social and recreational clubs. With this status, the organization is exempt from paying federal tax, but donations do not qualify as charitable contributions. In order to be formally recognized as a 501(c)7 entity, the organization must submit an IRS Form 1024 along with the requisite filing fee ($400 in 2010). According to an IRS agent, 501(c)7 organizations can obtain informal IRS recognition (to avoid a filing fee and for Form 990-N reporting purposes) if they have an Employer Identification Number (required to establish a checking account), a formal organizational document (such as By-Laws), and gross annual receipts under $25,000. Informal IRS recognition of 501(c)7 status involves a phone call to the IRS’s business help line (800-829-1040) so that an IRS agent can complete a Form 990-N type database entry available only on IRS’ internal computer network. Eight (8) weeks after such a database entry is made, the IRS will accept Form 990-N e-Postcard reports from the organization possessing this informal recognition. Again, this Form 990-N report is due by the 15th day of the 5th month following the close of the tax year (e.g. May 15 for organizations using the calendar year as their tax year).

Suppose your club/society has yet to obtain formal 501(c)3 status with an IRS Letter of Determination, and suppose you have members wanting to donate sizable charitable contributions provided that they can deduct their donations on their federal income tax return. If in any year the sum of such donations plus normal income exceeds $5,000, then the IRS will require a formal 501(c)3 application. On the other hand, if the South- east Federation were to offer a Group Exemption program at a lesser cost than an application filing fee and your club/society elected to participate, then the benefits of charitable contributions afforded 501(c)3 status could be obtained at less expense.

References:
2. Telephone interview with Mr. Edwards (IRS Agent ID 0195893), March 31, 2010.
Who is Bonita Harris? For the last three years, Bonita has been the youth chairperson for SFMS. She and her husband, Ed, (SFMS treasurer) have worked with junior rockhounds since the early 1990’s. Bonita has taught lapidary to students of all ages (K-adults) and has a master’s degree in education. For the past 6 years, Bonita has offered a similar junior rockhound class at William Holland School of Lapidary Arts and at a local university in Mobile, Alabama. She and her husband, Ed, re-established the junior rockhound program in the Mobile Rock and Gem Society in 2003. Their two grown married daughters, while taking classes from Dr. Albert S. Dix in the early 1990’s, were instrumental in first sparking the Harris rockhound interest. Since then both Ed and Bonita have developed an interest in all areas of the lapidary arts with a desire to pass on their skills to the younger generation.

SFMS Junior Rockhound Class

For: Limited to the first 10 registered children ages 8 years and up. Note: Each child must be able to spend the classroom time without parental intervention and be capable of obeying the adults in charge.

Class Fee: $15.00 per student covers class supplies, upkeep of class tools, computer programs, etc.

Class studies include part of - or all of - the following:

- learning about the rock cycle,
- formation and characteristics of rocks, minerals, crystals, fossils,
- simple methods of mineral identification, and
- more lapidary activities

We try to accomplish the following activities, but a lot depends on the class members and how many items that we can do:

- wirewrap
- gem trees
- sand bottles and,
- possibly, soap carving and more

When invited, we visit adult classes during our class time to see up close lapidary equipment and projects.

This is meant to be a FUN experience-sort of a Hard Rock Camp for our junior rockhounds.
It's that time of year again! William Holland is about to open for 2010 school year. But, there's a lot to do to get ready for classes to start. YOU CAN HELP!

The week of April 12 - 16, a week before classes start, has always been reserved for "work week". You can help! We'll be doing odds and ends that need attention before the school year starts. If you can use a hammer, saw, cleaning materials, climb a ladder or tote stuff come on over. We have a lot of fun and home cooking for our volunteers. If you're from out of town we provide free lodging. Just let Cynthia Connor, Assistant Director, at 706/379-2126 know if you need a room. Wear "work" clothes!

The 5 bedrooms being renovated in Sparks Lodge were made possible by donations made by our friends in Gem and Mineral Clubs and by individual folks like you. We accumulated enough donations from individuals last year to redo four rooms and the fifth by the St. Lucie City Rock and Gem Club who had previously adopted room #13 and named it the "Kyanite" room. Because of their $3,000 donation, the club will receive three weeks of free classes. These will be used by some lucky club members. Individuals who donate receive a free week of class for every $1,000 given. Plaques will be erected to publicly thank our benefactors.

It's only through the generosity of our students and faculty that these wonderful changes can take place. IT'S NOT TOO LATE! The drive for donations will go on until we have renovated all the bedrooms in Sparks Lodge and, have paid off the mortgage on Otto's Lodge. Donations are tax deductible, and you will forever have our gratitude. Get in on this drive and become a part of William Holland's history.

We're looking forward to seeing all of you in 2010. Have you made your class reservations yet?

Dr. Albert S. Dix (deceased) was SFMS president in 1981. Those that knew Dr. and Mrs. Dix know that they had an extensive collection of tons (yes, really, and truly tons) of rocks. In the 1980's over 300 30-gallon trash cans full of minerals and rocks were donated to the University of Mobile. However, Dr. Dix retained his favorite specimens for his private collection and other specimens for his teaching in the local schools, Wild Acres, and William Holland.

With the recent death of Mrs. Eleanore Dix in January of this year, this collection is now available for sale to the public. There are many specimens of a great variety – some little, some over 100 pounds. It would be worth a trip to Mobile to check out this collection of barite roses, quartz crystals, Alabama brilliant fossilized wood, and so much more. There are many duplicates of the smaller specimens.

This sale will be in Mobile on May 7 and 8, 2010. Ed (SFMS Treasurer) and Bonita (SFMS Youth Resources) Harris will be overseeing the sale. If you are interested please, contact Bonita at bonitaharris@netzero.net for more information.

The following are representative of items in the collection, but not actual photos:

- Quartz
- Garnet schist
- Fluorite
We Lost a Master Instructor

By Don Monroe

Leon Edwin Elam of Brent, Alabama died on February 16, 2010. He is survived by his wife Phyllis, daughter Marie Cash and two sons Len Elam and Gerald Elam. These are just bare facts and do not tell us how much Ed Elam was loved and admired. He began a lifelong involvement with rocks and the lapidary hobby in the very early 1970’s and ultimately became the premier instructor of channel inlay. He could do almost anything in the lapidary line including intarsia, faceting, silver-smithing and cutting cabochons and devoted his time to teaching. He taught at William Holland Lapidary School, Wildacres Retreat and John C. Campbell Folk School as well as in his shop in Brent and was a long-time member of the Alabama Mineral and Lapidary Society in Birmingham, Alabama.

I had the pleasure of taking Ed’s Channel Inlay course and was really taken by surprise when he called me about twelve years ago and this is what he had to say. “Don, we have lost most of our channel instructors and I am not willing to let the art die. If you will come to Brent, I will teach you all you need to know to be a channel inlay instructor”. Well I did and he did. When we had finished, I started teaching channel, and Ed and I started teaching together at John C. Campbell. Since my wife Ann had also started doing channel work we started teaching together later at William Holland, and we plan to continue as long as we are able.

I would be remiss if I did not mention some of those who went before. Channel work dates back centuries and can be found in artifacts from many countries. The early instructors at William Holland included B. A. St. John, Palmer Fisk, John Martin, Marion Geitgey, and Seymour Spira. Yes, before you ask, this is the Palmer Fisk who invented and built the fabulous channel machines. (We are so fortunate to have four of these machines at William Holland.) I really hope I have not omitted too many people.

Now, as Paul Harvey would say, here is the rest of the story. When Ed recruited me to teach he was passing the torch. We now need additional channel instructors to take over when Ann and I can no longer teach. I have already started contacting some of our former students who are competent in both silver-smithing and stone cutting and plan to do what I can to involve the very best as new instructors.

SFMS WORKSHOPS UPDATE

Danny Griffin, Education Committee Chair

Another month has rolled past and the Workshops are getting closer. Don’t wait until the last minute to enroll, some classes are filling fast and one is already full (we’re trying to get the instructor to take one or two more students).

April 1st is the date where the workshops are opened up to enrollment from other AFMS clubs and the general public. We usually get a few additional enrollments from these groups. Last year we had three enrollees from New Mexico and a few non SFMS/AFMS folks who signed up.

The June William Holland Session will be upon us before you know it, so don’t hesitate too long. When you get a chance, go to the website and look at some of the new instructors lined up. Even if you’ve taken silver-smithing or cabochon making before, I’m sure you’ll learn something new and interesting from a different instructor.

I hope by now that everyone has visited the Workshop website at www.sfmsworkshops.com. This is a new direct link to the schedule, registration form, instructor bios and class descriptions. You may also visit the site the usual way through the SFMS website at http://www.amfed.org/sfms/. The new website allows many to find the info if they can’t remember how to go to the SFMS website. A Google search for “SFMS Workshops” will pull up the workshop website at the very top of the list.

I would like to thank the many newsletter editors who have published the workshop information in their newsletters. There are many members who do not have access to a computer. Their club newsletter is the only way these folks hear workshop info. I have had many requests for schedules, applications, pictures, etc. I always try to get the requested information out as quickly as possible. Keep up the good work!

Do not hesitate to give the Workshop Directors, Registrars or myself a call if you have any questions. I hope to see many of you at one or more of the workshops!
2010 SFMS WORKSHOP CLASS SCHEDULE
Updated as of April 1, 2010

Workshop Staff
Wildacres Director, Roy Deere
Email: sfmswadirector@gmail.com

William Holland Director, Steve Henegar
Email: sfmswhdirector1011@gmail.com

Wildacres Registrar, Mrs. B. J. Gearhart
631 Lake Overlook Drive
Canton, GA  30114-6887
Phone 770-479-0963
Email: waregistrar2010@yahoo.com

William Holland Registrar, Lisa Roberts
996 Indian River Boat Dock Rd
Jacksboro, TN  37757
Phone 423-562-9555
Email: whregistrar10@yahoo.com

Education Chair, Danny Griffin
1320 Byrd Circle
Kingston, TN 37763
(865) 406-8802
Email sfmsedchair@gmail.com

The intermediate and advanced classes listed with an asterisk (*) require some prior experience by the student. Experience in a class provided by your local club, Workshop class, or self study may be enough. Please do not exclude yourself, if you’re interested in one of these classes, without contacting the instructor first.

SESSION ONE - WILLIAM HOLLAND
SUNDAY, June 13-19, 2010

<table>
<thead>
<tr>
<th>Class</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>Silver 1</td>
<td>Allen Jewell</td>
</tr>
<tr>
<td>Silver 1</td>
<td>Barbara Fields</td>
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<tr>
<td>*Silver 2</td>
<td>Nancy English</td>
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<tr>
<td>Cabochons</td>
<td>Gene Tipton</td>
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<tr>
<td>Chain Making</td>
<td>Case Leeser</td>
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<tr>
<td>Beginning Wirecraft</td>
<td>Rowan Rose</td>
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<tr>
<td>Opal Cutting</td>
<td>Joe De Pietro</td>
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<tr>
<td>Fused Glass</td>
<td>Addy De Pietro</td>
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<tr>
<td>Faceting</td>
<td>TBD</td>
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<tr>
<td>Jr. Rockhounds</td>
<td>Bonita Harris</td>
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TBD – To Be Determined

SESSION TWO - WILDACRES
MONDAY, August 23 - 29, 2010

<table>
<thead>
<tr>
<th>Class</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>Precious Metal Clay Level 1</td>
<td>Mary Ann &amp; Ken Devos</td>
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<tr>
<td>Popular Polymer Clay Projects</td>
<td>Barbara McGuire</td>
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<tr>
<td>Beginning Fused Glass</td>
<td>Barb &amp; Herrick Jeffers</td>
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<tr>
<td>Beginning Silversmithing</td>
<td>Nancy English</td>
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<tr>
<td>Scrimshaw</td>
<td>Bill Wetzel</td>
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<tr>
<td>Cabochon Making</td>
<td>Pat Davis</td>
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<tr>
<td>Intro to Wire Wrapping</td>
<td>Rowan Rose</td>
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<tr>
<td>Addictive Seed Beading</td>
<td>Vivian Heath</td>
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<tr>
<td>*Metalwork Help &amp; Special Projects</td>
<td>Jeff Shears</td>
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<tr>
<td>Jewelry Bench &amp; Tool Making</td>
<td>Danny Griffin</td>
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SESSION THREE - WILDACRES
MONDAY, September 13 - 19, 2010

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<tr>
<th>Class</th>
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<tbody>
<tr>
<td>*PMC Advanced techniques</td>
<td>Mary Ann &amp; Ken Devos</td>
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<tr>
<td>Bronze Clay</td>
<td>Gail DeLuca</td>
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<tr>
<td>Chain Mail Jewelry</td>
<td>Warren Collins</td>
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<tr>
<td>Beginning Silversmithing</td>
<td>Dana Ruth</td>
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<td>Wire Wrapping</td>
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<tr>
<td>Cold Smithing</td>
<td>Charlotte Caughman</td>
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<td>*Advanced Fused Glass</td>
<td>Rich &amp; Linda Dillon</td>
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<tr>
<td>Southwest Silver</td>
<td>Dan Haga</td>
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<tr>
<td>Advanced Faceting</td>
<td>Steve Hillenbrand</td>
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SESSION FOUR - WILDACRES
SUNDAY, October 10-16, 2010

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<th>Class</th>
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<tbody>
<tr>
<td>Silver 1</td>
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<tr>
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<td>Betty James</td>
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<tr>
<td>Chain Making</td>
<td>Roy Deere</td>
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<tr>
<td>Beginning Wirecraft</td>
<td>Rowan Rose</td>
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<tr>
<td>Opal Cutting</td>
<td>Sara Lee Boyce</td>
</tr>
<tr>
<td>Faceting</td>
<td>Bill Harbour</td>
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<tr>
<td>Popular Polymer Clay Projects</td>
<td>Barbara McGuire</td>
</tr>
<tr>
<td>Cold Connections</td>
<td>Kim St Jean</td>
</tr>
<tr>
<td>Addictive Seed Beading</td>
<td>Vivian Heath</td>
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The policy of the Southeast Federation of Mineralogical Societies, Inc. is that neither the name nor the logo of the Federation may be used for commercial purposes. If any commercial ventures use the name or the logo of the Federation are found, Member Societies and their members are requested to advise Federation Officers.