

Volume 52, Issue 3, April 2006

Inside This Issue

Duelling Opinions: Argentium . 1
 Mar. Regular Meeting Notes . 2-3
 Grounds Workday Report
 President's Message 4
 Making Jump Rings
 Club Notes 5
 April Class Schedule 6
 Monthly Programs for 2006
 Inter. Wire-wrapping Class
 April Calendar 7



Mascot of the Arlington Gem and Mineral Club is an affiliate of



South Central Federation of Mineral Societies



American Federation of Mineralogical Societies

April Program

Jim Ferguson talks about Topaz mining in Utah.

Next Month – Dr Keith Brownlee presenting carvings of Idror Oberstein.

THE HOUND'S TALE

Rockhound Club News of the Arlington Gem and Mineral Club
 1408 Gibbins Road, Arlington, Texas 76011

Duelling Opinions: Argentium™

by Carrell Chadwell Lloyd

Argentium™ sterling silver is now available for purchase. This exciting new alloy has a number of advantages over standard sterling silver.

- It is tarnish resistant. According to a press release from the Silver Users Association, if standard sterling silver tarnishes in 2 weeks, then Argentium™ sterling silver will still be tarnish-free after 2 years. It requires only light dusting or occasional wiping with a soft cloth to keep its shine.
- It does not develop firescale. No more polishing and polishing to remove the pink!
- It can be made nearly twice as hard as standard sterling silver—even after soldering—by a simple heat treatment, even in a domestic oven at 450°F for 2 hours.
- It is more ductile than standard sterling silver, facilitating forming processes such as stamping.
- It is stronger and more dent-resistant.
- Unlike standard sterling silver, it can be used in products requiring spring properties.

Argentium™ sterling silver was invented at Middlesex University in Britain. Argentium Silver Co has partnered with Stern-Leach, a leading American silver manufacturer, to sell Argentium™. The Silver Users Association expects that Argentium™ will replace up to 50% of the total worldwide silver market share from traditional sterling silver as early as 2010.

There are several differences in working with Argentium™ as opposed to standard sterling silver, as described below.

continued on page 5

by Sam Howeth

After gathering and reading articles, some of which had twenty-two sources listed in the bibliography, about Argentium™. The previous reviews concern themselves with differences and similarities between Argentium and traditional sterling silver. But this new material is just that, and as such has different properties and different problems associated with it, as does standard or traditional sterling silver. And by the way, all the articles refer to the sterling we have worked with as the “standard” or “traditional” sterling. “Sterling” has meant 92.5% of fine silver with 7.5% of copper. The word “silver” is not normally used with items stamped “sterling” since 92.5% fine silver is understood when the word “sterling” is used, and with that same understanding the remaining 7.5% was copper.

This new alloy meets the requirements of 92.5% fine silver and can claim the title of “sterling” but the balance is not 7.5% copper. Therein is a possible problem to all silversmiths.

The following has been proposed. Items made of the new alloy are to be marked “.925” indicating the percentage of silver but not sterling. It is suggested that “AS” be added to indicate the new alloy. It is hoped items so marked will be more saleable than items showing the traditional marks. But to use the Argentium brand “AS” mark, a silversmark license must be applied for (\$300) and then an annual fee (\$600) if you gross less than a half million in sales per year.

Herein lies the problem, very very few silversmiths are going to fork over \$900 for a license to mark the new alloy so they:

- 1)do not use the metal,
- 2)use it and mark it without getting licensing permission, or

continued on page 3

Minutes – General Meeting Tuesday, March 7, 2006

The meeting was called to order by President Rick Litsinger and the minutes were approved.

The treasurer's report was given by Lori Anderson. A copy of the report is posted on the Bulletin Board.

The **audit** committee composed of Sam Howeth and Lori Anderson audited the books for 2005 and found everything in order. Mark Brownlee made the motion to accept the audit. Pat Vaughn seconded the motion and it carried. The 2005 books are now closed.

Rick reported that Sue Lynes is reviewing the **501C3** papers so they can be submitted. Classes—Pat Vaughn reported that the class schedule is in the Houndstale and on the bulletin board. Classes scheduled for the second Sunday of March have been canceled due to the InterGem show in Dallas. In April, Bobbie Wilson will teach an intermediate wire wrapping class and Pat Ross will teach a bead knotting class. Rick reminded the teachers to put the fees for classes in the cabinet in the office.

Field Trips—Brian Bowles reported that there will be a trip to Jasper, Texas to hunt petrified palmwood on March 18. The group will meet at 9 AM. at the McDonald's in Jasper. Those who want to stay over night may go to Toledo Bend Lake Sunday for more hunting. Directions are in the Houndstale and from Brian.

Magazines—Rick reported that the Rock & Gem magazine has reported on Texas field trips the last three months and have one more this month. If you need to renew or subscribe to *Rock & Gem* or *Lapidary Journal* we have forms for you to fill out. By going thru the Club we get \$6.00 for one year subscriptions and \$12.00 for two years.

Juniors—The Juniors will not meet this month but will be learning chain making in April.

Programs—Dale Miller gave the following schedule:

April—Jim Ferguson Topaz mining in Utah at his mine sight

May—Keith Brownlee Gem Carving and Ider Oberstein examples

June—Dr. Carter on Lunar Rocks

July—"Show & Tell" All members are encouraged to bring your best work and if possible let the club put them in cases for the show in September.

August—"Show Meeting" Come and work on any last minute projects for the show

Tonight—Bill Gillis reports and shows slides on his experiences in Iraq

Before the program, Rick asked that everyone not talk during the programs. Bill Gillis gave a very interesting program and also brought Mary Margaret Hellik who told about the Victory Box program she established and distributed boxes for those members who wanted to fill boxes to be sent to Iraq for the soldiers to distribute to the kids there.

The meeting continued with Veronica Murday introducing the guests: Emie Stewart, Shari Asasy, Tray Bradford, and Carole McMillan.

Dale Miller thanked Orel and Larry Ryan for helping her in the cab classes.

Drawings were for name tag, won by Barbara Duddie and attendance won by Roger Coleman.

Both received San Carlos Agates

The raffle earned \$88.00:

Donated by	Item	Won By
Alec Gallia	Topaz in Schist	Bill Gillis
Dale Miller	Biggs Jasper	Alec Gallia
?	Hematite Beads	Pam Coleman
Grady Schults	San Carlos Agate	Frank O'Donley

Grady Schults Big Bend Agate Kay Lopez

Sunshine—Marge Harrant reported cards were sent to Rick Litsinger, Harold Hoskins' wife,

Gordon Lauenders, Kay Smith, Martha Noah and Nova Wells.

Eve Schults, wife of Grady and a longtime member passed away. As customary, the Club will purchase a book for the Library in her name.

Delegate at large—Sam Howeth thanked the members for their response to his request for suggestions or problems. He received 17 and the club will be addressing all of them.

The clean-up for the grounds and Club house is scheduled for 8AM. Saturday, March 18. The ladies were asked to provide lunch. We used to do this in the past and are reinstating it. We always have plenty to do and have lots of fun while doing it.

Carl Wells asked if we should reschedule the Grounds day because of the field trip the same day.

Delbert Speed suggested we keep both activities and said there is always plenty to do.

Sam Howeth was asked to group the tools he requested last month by tasks they are used to perform.

Show—Kris needs volunteers for the show to help with:

- Cases-assigning cases, helping exhibitors to their cases, etc.
- Judging-Find judges, collect entries, etc.
- Promotions-put together packets, address cards and stamp post cards
- Chris said they were going to Dallas Morning news and have penciled in KLUV pending proof of our 501C status.

Joyce Speed reported that the Big Spring show had a face painter charging \$2.00 per face and she was very busy. She suggested we might consider this.

Kris reported that 60 table spaces had been paid for and 45 more had been voiced for. At the August meeting we will label and stamp postcards.

The Dealer Dinner will be headed by Bobbie Wilson. She has done a wonderful job in the past.

At the show some ROTC cadets will be helpers watching in the show.

We need another Grand prize for this year. We also need items for the Silent auction. They should be bagged, labeled, show where collected if applicable. Everyone is asked to make at least one item for the auction and suggest a starting amount for the items.

Newsletter—JK Hudson has done a great job. Sue Lynes has agreed to be her assistant.

Historian—Ruth Cressgot a lot of stuff for the yearbook but still needs more. Any documentation on classes, photos of displays at other shows, any demonstrations, school programs, anything of public service, like the victory boxes tonight, copies of any South Central Federation awards. It is very important to have a copy of any letters to the government regarding land access as we lose points if we don't have any.

Hospitality—We need three people for each general meeting so please add your name to the book in the back

The **Board Meetings** will be changed to the last Tuesday of each month.

Membership totals were not available but is somewhere around 150–160.

Upcoming events:

- Chili Cook-off–April
- Rock Swap–May 13th or 20th

The **International Gem & Jewelry Show** is this weekend:

- Set up Wednesday March 9th Joyce speed has sign up sheets
- Show March 10–12 everyone is encouraged to go.
- American Indian Market–Arlington Convention Center 4th weekend in March.
- Sharon Perdasofpy is showing at a juried show in Denton at TWU.
- Lynn Margaret has a rug on display also.

If you attend any of these events please take some photos for Ruth Cress.

The **yellow box** for extra monetary donations is being reinstated. We already have \$5 for the purchase of a hot water heater in the cab room.

Lynn Wong will be in charge of the **class board and large calendar**. Items need to be dated and will be taken down after 90 days.

Class fees have been raised to \$3.00 from \$2.00 per hour. This will help toward the upkeep and repair parts of the equipment. Joyce Speed offered to get the best prices.

Dick Downing reported that William Kersick has tons of rock at his home in Shady Shores near Denton and he is selling it for \$1 per pound. Call first at 940-321-5678 before going up there.

Joyce reported that the **South Central Federation** is selling raffle tickets for \$5 each or 5 for \$20.

She has the tickets. All proceeds go to the endowment fund. They are also looking for donations of jewelry, specimens, etc. worth \$25 or more. See Joyce for more information.

Those working at the set up for the Intergem show will be there 2-6 PM Wednesday bring gloves, scissors, side cutters, if possible. The Club Booth will be set up Thursday morning. You must bring your own electric equipment and must get permits for torches

Friday morning. Only small tanks are permitted.

You need to bring an extinguisher also.

Bead Market Show is March 18–19 at Will Rogers Exhibit Hall in Ft. Worth. Free admission.

Carl Wells is acting in an Agatha Christie play in Plano at the Cox Building.

Meeting was adjourned at 9:35 PM.

Submitted by Pat Ross, Secretary

A Report on Grounds and Equipment Workday

By Sam Howeth

When folks know what's to be done and bring the tools with them to do it, they come in with the attitude of "Okay, where is it." They have picked the task, all they want is to be pointed in the right direction. As soon as they start several helpers show up to take care of the details. Before you know it, the task is done and it's time for lunch.

It was and is a pleasure to work with a super special group of outstanding volunteers to wit:

- Larry Ryan cutting down dead and trash trees to prep the ground for replacement trees and shrubs. Most of the replacements have been accomplished as of this writing—thanks to Lynn Wong.
- Don Fritz and Lynn Wong bundling and tying limbs and branches to be taken to the curb to be picked up by the city.

Argentium-Sam continued from page 1

3)my greatest fear, use it and not mark it as Argentium

Those of us in the trade will not know for sure what we are working with in a repair scenario. This can cause a big problem considering the difference in the melting temperature.

Until the inventors or the purveyors of the new alloy come up with a simple drop of fluid that will indicate the presence of their

- George Currin and Alec Gallia servicing and repairing equipment.
- Delbert Speed, with assistants, began and was helped to complete the clean out of the drainage ditch next to Gibbins Street—a task that much needed to be done.
- Rick Litsinger secured the section of fence that was found lying on the ground in the Southwest corner behind the building.
- Sandra Brazzale, Joyce Speed, Mrs. Larry Ryan and friends provided lunch of chicken wings (ummm good), potato salad, pasta salad, orange scones, poppy seed cake, donuts, coffee, cold drinks, etc... All were consumed with gusto. Thanks ladies.
- The Copples, Kathy and Gary, had volunteer to do the supervisory duties in the shop area for this Saturday.
- And others, i.e. Frances Johnson and Lisa Haslam along with Joyce Speed and Kathy Copple were doing what must have been a "girl" thing because none of the guys seemed to know what it was for sure.

We started Saturday morning with a light drizzle that melted into a cloudy day until we finished at about 11 AM for lunch and then the bottom fell out. Having finished our chores, it felt real good to sit inside having lunch, listening to the rain falling outside. With a hot cup of fresh coffee and a slice of poppy seed cake or an orange scone after lunch conversation came extra easy. Wish you could have been here. It felt like old times—maybe next time.

Our thanks to all these folks for a job exceptionally well done.

alloy, it is suggested you exercise extra caution when repairing metals of questionable parentage.

A new diamond simulant came on the market that when tested registered to be a real diamond. The trade refused to sell them until the maker came up with a tester for the new stone...and they did.

Déjà vu?

Just a Thought from Your President

by Rick Litsinger, President AGMC

My fellow Rockhounds

International Gem and Jewelry Show

The International Gem and Jewelry Show was quite a success for the Arlington Gem and Mineral Club. I want to thank all the members who not only helped set up but spent their valuable time showing their work and demonstrating their talents and craftsmanship. Our booth area was a constant flurry of activity. I was also privileged to a comment that was expressed about our demonstrating members. Paraphrased was, "Our crafter's did better quality work than the vendors". Now, there were vendors that marketed some very fine jewelry and some, well...quality is in the eye of the viewer. However, that is quite a statement from a visitor to the show. I think that it is the goal of the instructors at A.G.M.C. to give professional instruction with the emphasis on quality and not quantity. Speaking of quality, Frank O'Donley told me about a vendor with gold filigree jewelry. The pieces were made in Greece and unless you saw, held, and examined these spectacular pieces of jewelry, words can not describe the beauty, and extreme quality and craftsmanship of the jewelry. It was refreshing to see a vendor standout amongst the hundreds of other vendors.

Chili Cook-off

We will try to have our annual chili cook-off on April 22, so weather permitting get your best chili recipe out and lets have some fun and good eats.

Rock Swap

Speaking of fun, we will have our annual rock swap on May 13. The vendor spaces will be \$5.00 per space and the fajita lunch will also be \$5.00 per person.

Annual Shrimp/Fish Fry

I have talked to Frank Krystinik about our annual shrimp/fish fry in June. He said he would supply the shrimp and fish assuming the season is cooperating and that we have at least 30 people show up. This will be a mini fund raiser and tickets will be \$7.50 per person.

501C3

The 501C3 non-profit re-application is on going and Sue Lyon has taken on the job to make sure that all the proper paper work is in order before refiling. Thanks Sue for your valuable help.

Membership

Our membership continues to grow through the efforts of our club members by "talking up" our club. We are exploring other ideas to get the word out to those interested to come and give us a visit. Hopefully we will see several new members as a result of the InterGem show.

Bill Gilles

I want to personally thank Bill Gilles for giving a very informative program on his tour of duty in Iraq. I also want to encourage all who volunteered to send a Victory package to fill and send the box at their earliest convenience.

Yellow Box

Finally as a reminder to place your monetary donations in the Yellow box. These funds go towards our utility bill or a designated project. Also check the large monthly calendar on the hallway wall for events for the current month.

Just a thought

3. Insert the chuck into the drill and tighten.
4. Plug the drill into the variable speed connector and plug the foot pedal to the electrical power.
5. Test the set-up to become familiar with the variable speed of the rotating dowel.
6. Insert the wire for jump rings into the hole in the dowel and start the dowel rotating threading the wire around the dowel until the dowel is wrapped with wire or the wire runs out.
7. With masking tape wrap the wound wire to prevent it from unwinding when removed from the chuck.
8. Remove the threaded dowel from the chuck.
9. Disconnect the drill and plug in the Freedom.
10. Place the wire wrapped dowel in the appropriate depression in the cutting block and attach the slit cover securely.
11. Slip the guide over the Freedom hand piece.
12. Insert the mandrel with blades attached into the hand piece and tighten the chuck.
13. Align the blade and the opening in the guide with the slit in the cover. This is critical. The blade must fit perfectly into the slit when the guide is seated on the block. Otherwise the blade will be ruined and cut either into the cover or the slit. Blades cost \$14.00 each.
14. Place the guide in position and depress the pedal to bring the blade up to speed just above the slit.
15. Lower the guide and in one slow continuous motion slice to the other end.
16. You get one pass. Do not attempt to re-cut or start over.
17. Remove the cover and the dowel. Slide the jump rings off of the end of the dowel into a container labeled with the wire gauge and dowel diameter.
18. When all dowels are cut, dismantle and return the equipment to proper storage for the next user.

Nuggets of Gold: Lessons in Silver

Short lesson series by Sam Howeth, Silversmithing instructor

Making Jump Rings

This procedure details how to use the club's equipment to fabricate jump rings. The gauge and diameter is at the fabricator's discretion depending upon the intended use.

Procedures:

1. Select the wooden dowel for winding the jump rings on.
2. Insert the dowel in the chuck adapter and tighten making sure the hole drilled in the dowel is exposed.

Argentium-Carrell continued from page 1

Silversmithing

Argentium™ melts at 60 F lower than standard sterling silver. When annealing, it should be noted that Argentium(TM) shows a paler colour when heated. If it looks light yellow or orange, it is too hot. To avoid overheating, annealing and soldering should be performed in a darkened area.

In soldering, lower-temperature solders are recommended—medium, easy and extra-easy. Standard soldering fluxes are used. Argentium™ should not be quenched immediately after heating for annealing or soldering. It retains heat longer than standard sterling silver. It is important to wait to quench until any visible red heat, observed in a darkened room, has disappeared. If quenched too soon, it will be brittle.

Investment Casting

The casting temperature range for Argentium™ is 1750-1800 F (955-980 C). Casting temperature cannot be judged by eye, since it displays a paler color when heated or molten.

Lower flask temperatures are recommended, a minimum of 85 F (30 C) below regular temperatures used for standard sterling silver.

A protective environment is recommended when melting Argentium™. If not available, flux can be used (preferably boric acid.) Any oxides should be skimmed off the surface before stirring.

Never mix Argentium™ with standard sterling silver. To avoid contamination from other alloys, separate crucibles should be used, and silicon carbide crucibles should not be employed. (Note: scrap does not need to be kept separate from standard sterling silver; it is .925 silver and may be combined with standard sterling silver for refining.)

A protective atmosphere is recommended when melting Argentium™. If not available, flux (preferably boric acid) can be used. Any oxides should be skimmed off the surface before stirring.

For wet investment removal, flasks should cool for 20-25 minutes before quenching. Castings will have approximately the same hardness as standard sterling silver (70HV). To increase hardness to approximately 95HV, castings can be heated at 580 F (300 C) for 30-45 minutes and air cooled to room temperature.

For dry investment removal, flasks should cool to room temperature before removing castings from investment. Hardness will be approximately 100- HV.

To remelt, use at least a 50% fresh/50% scrap mix. More fresh metal will improve quality. Be sure that used trees and buttons are free from investment powder residue.

Finishing Processes

Separate polishing wheels should be used for Argentium™, to avoid contamination from other alloys.

To clean, it is important to use a neutral pH degreasing/cleaning solution, such as dish-soap or Sunshine burnishing compound. Cleaned articles should be thoroughly rinsed with water and dried to avoid water spotting.

For tumble finishing, use rough cut with epoxy or plastic cones and triangles and steel-shot mixture in a rotary tumbler. It is very important that shot and solution are clean.

Treatment processes, such as coloring with liver of sulphur, will take longer than with standard sterling silver.

Cost

Argentium™ sterling silver is 15%-18% more expensive than standard sterling silver. For example, in a price quote from Rio Grande on 1/12/06, a 6"x6" sheet of 24 gauge sterling costs \$50.70 for standard sterling, \$55.43 for Argentium(TM) sterling.

Silvermark

A representative of Rio Grande states that the traditional "sterling" silvermark should not be used on products made of Argentium™, which is not actually sterling silver. He suggests that, because Argentium™ is guaranteed to be not less than 92.5% pure silver, fabricated articles can be stamped ".925" to indicate the standard of silver. However, as increasing use is made of Argentium™, products specifically stamped with the "as" mark will become more saleable than those marked "sterling" or ".925".

In order to utilize the "as" silvermark, a silvermark license must be purchased from the Argentium Silver Co Ltd. The application form can be downloaded from the website: www.argentiumsilver.com. The application cost is \$300; an annual fee for companies/individuals with a turnover of less than 0.5 \$M (that's us!) is \$600, with discounted

rates for 2 or 3 year licenses. This would seem to put it out of reach for most of us.

Sources Of Argentium™

Rio Grande (www.riogrande.com, 1-800-545-6566) is now selling Argentium™ in casting grain, sheet, wire (including bezel wire) and tube. Rio expects to have Argentium™ Silver solder available soon.

G&S Metals (www.argentium-sterling-silver.com, 1-800-852-3860) sells casting grain, flat sheet, wire, tubing, and solders in Easy, Medium and Hard. It also sells Argentium™ findings, including beads, jumprings and eartnuts.

Argentium™ is very new, and sounds promising. Further information and technical help can be obtained at: www.argentiuminfo@sternleach.com, or from Rio. Reports of personal experiences with this alloy are welcome. If you try working with Argentium™, please send your comments to the Newsletter.

Club Notes

Chili Cook-off

by Rick Litsinger/President

Chili cook-off will be April 22, 2006 at the club house. We will start the judging at 4 PM. So please have your chili at the club by 3:30 PM and attendees will eat at 5pm. This will be a NO BEAN chili. If you need a crock pot, one will be provided. This will be a mini-fund raiser in that we would like a \$3.00 per person donation at the door to cover utility cost. This will be an "all you can eat" get together. If you would like to bring a side dish such as corn bread, salad, desert, etc...this would be welcome.

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Rock Swap

by Rick Litsinger/President

Rock swap will be May 13, 2006. There will be a \$5.00 fee per vendor space and the fajita lunch will be \$5.00 per person. Volunteers to bring sides are welcome, such as cheese, salsa, salads and condiments. We will serve around noon until all are full or run out of food.

April Class Schedule

by Pat Vaughan

Cabochon Cutting** FULL

1st Saturdays from 1-4 PM
\$3.00 per hour equipment usage fee
Instructor: Dale Miller

Chainmaking* OPEN

2nd Saturdays from 9 AM-1 PM
Instructor: Mary Owren

Faceting OPEN

Wednesdays 7-9 PM
Instructor: Frank Krystinik & Mike Knuth

Glass Fusing & Enameling* OPEN

2nd Sundays from 1:30-4 PM
4th Saturdays from 9 AM-Noon
Instructor: Becky Downey

Pearl Knotting* OPEN

Monday, April 10, 7-9 PM
Instructor: Pat Ross

Silversmithing

Instructor: Sam Howeth/Rick Litsinger
Silversmithing Lab Open
Saturday, April 1 & 22, 8 AM – Noon

102 OPEN

Mondays 7-10 PM
Open to those that have completed 101

103 OPEN

Fridays 7-10 PM
Open to those that have completed 102

Level 300 OPEN

Wednesdays 9 AM-Noon
Open to those that have completed
Level 200

Level 400 Gold FULL

Sunday, April 2 & 9, 2-5 PM

Small Gem Carving* OPEN

Saturday, April 29, 9 AM – Noon
Instructor: Mary Lavigne

Wax Casting/Carving OPEN

Thursdays 7-9 PM.
(open to all levels of expertise)
Instructor: Royce Cochran

Wire Wrapping, Intermediate* OPEN

Saturday, April 8, 10 AM – 1 PM
Instructor: Bobbie Wilson

DCCCD CLASS SCHEDULE

***Classes subject to cancellation**

Beginning Wire Working* OPEN

Saturday, April 29 thru May 13,
10 AM – 2 PM
Instructor: Cathy Mason

Business of Jewelry* OPEN

Friday, April 21, 7-10 PM
Saturday, April 22, 8 – 11:30 AM

* These classes are open to novice as well as experienced members.

** This class is required before a member can use the saws and grinding equipment.

If you have any suggestions for classes or would like to teach a class pertaining to our hobby please contact Pat Vaughan 1st. VP in charge of classes.

Always check class board for sign-up sheets.

OPEN classes currently have space available. Check with the instructor.

Note: All classes are \$3.00 per class hour including AGMC members taking the DCCCD/AGMC scheduled classes.

Monthly Programs for 2006

April – Jim Ferguson talks about Topaz mining in Utah.

May – Dr Keith Brownlee presenting carvings of Idor Oberstein.

June – Dr. James L. Carter will talk on Lunar Islands.

July – Show and Tell. Our members will show what they have found or made. Start planning now!

August – Show Program. Kris Galbraith will explain what needs to be done to make this the best show ever.

September – Rockhound movie

October – Auction

November – Open

December – Open

If you have a suggestion for a program please call Dale Miller, 817-346-0197 or email at: sdmiller@sbcglobal.net

Intermediate Wire-wrapping Class

by Pat Vaughan

Bobbi Wilson is teaching how to make an arrow bracelet in an intermediate wire wrapping class on April 10. The supply list follows:

- 2" of 22-gauge half round half-hard sterling wire
- 3 pieces of 22-gauge square half-hard sterling wire, 8" long
- 2 pieces of 22-gauge square half-hard sterling wire, 18" long
- 1 piece of 20 gauge half-round half hard sterling wire 18" long
- 63 gold-filled, 3 mm round beads (or whatever color you want)
- Flat nose pliers
- Chain nose pliers
- Round nose pliers
- Diagonal (flush) cutters
- Masking or quilters tape
- Diamond file
- Cleaning cloth
- Permanent marking pen, ultra fine



April 2006

AGMC Classes and Meeting Schedule

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 ****Lab Open Cabochons (FULL) 1-4 PM Beg. Wire Wrap 10 AM-2 PM DCCCD Silversmithing Lab Open 8 AM – Noon
2 Silversmithing 401 (Gold) FULL 2-5 PM	3 Silversmithing 102 7-10 PM	4 Regular Meeting 7:30 PM	5 Silversmithing 301 9 AM-Noon Faceting 7-9 PM	6 ****Lab Open Wax Carving & Casting 7-9 PM	7 Silversmithing 103 7-10 PM	8 Juniors ****Lab Open 9 AM-Noon **Chainmaking 9 AM-1 PM Wire Wrapping, Int. 10 AM - 1 PM
9 Glass Fusing & Enameling 1:30-4 PM Silversmithing 401 (Gold) FULL 2-5 PM	10 Silversmithing 102 7-10 PM Pearl Knotting 7-9 PM	11	12 Silversmithing 301 9 AM-Noon Faceting 7-9 PM	13 ****Lab Open Wax Carving & Casting 7-9 PM ***DEADLINE FOR MAY NEWSLETTER	14 Silversmithing 103 7-10 PM	15 ****Lab Open 9 AM-Noon
16	17 Silversmithing 102 7-10 PM	18 Free Tuesday 7-9 PM for members	19 Silversmithing 301 9 AM-Noon Faceting 7-9 PM	20 ****Lab Open Wax Carving & Casting 7-9 PM	21 Silversmithing 103 7-10 PM Jewelry Biz 7-10 PM DCCCD	22 Glass Fusing & Enameling ****Lab Open 9 AM-Noon Jewelry Biz 8-11:30 AM DCCCD Silversmithing Lab Open 8 AM – Noon
23	24 Silversmithing 102 7-10 PM	25 Board Meeting 7 PM	26 Silversmithing 301 9 AM-Noon Faceting 7-9 PM	27 ****Lab Open Wax Carving & Casting 7-9 PM	28 Silversmithing 103 7-10 PM	29 Beg. Wire Wrap 10 AM-2 PM DCCCD Small Gem Carving 9 AM – Noon
30						

Club Mission:

The objectives of the Arlington Gem and Mineral Club shall be to educate the public in the study of the earth sciences, lapidary arts, designer jewelry and all related fields.

Yearly Enrollment recommended donation:

Initial Adult Enrollment	\$35.00 (includes \$5.00 badge)
Adult Renewals	\$30.00 per calendar year
Junior Members	\$3.50 per calendar year

Activities take place at:
Arlington Gem and Mineral Club
1408 Gibbins Road, Arlington, TX 76011
Phone 817-277-2286

Mailing Address:
P.O. Box 986
Arlington, TX 76004

E-mail Address:
editor@tses.org or webmaster@tses.org

World Wide Web Home Page:
<http://www.tses.org>

Business Meeting on 1st Tuesday at 7:30 PM
Board Meeting on 2nd Tuesday at 7 PM.

The Hound's Tale

Published monthly by the Arlington Gem and Mineral Club.

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Ads and Articles

Lapidary-related ads and articles from Members of AGMC are welcomed. They will be placed on a space-available basis, first in first out. Any articles may be edited for space and content. Non-enrollees ads are accepted after student ads. You must include your name and contact information.

Arlington Gem and Mineral Club

(formerly Texas School of Earth Sciences)

**P.O. Box 986
Arlington, TX 76004**



Newsletter is available on our Website at www.tses.org

ADDRESS CORRECTION REQUESTED

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