



THE TUSCARORA BULLETIN



Vol. 59, NO. 3

THE TUSCARORA BULLETIN

MARCH 2022

PRESIDENT'S MESSAGE

Greetings all! Winter is moving right along. Spring is right around the corner. The weather is gradually getting warmer, the days are getting longer...and lo and behold, a new class term is upon us. And what a great roster is on the horizon! In addition to our long-time favorite courses taught by our wonderful volunteer teachers, we have a great series of classes scheduled with some well-known guest teachers. Jeff Fulkerson, Marthe Roberts/Shea, Joan Strott-Alvini, and Emily Pellini will all be at the Ed Center this spring, sharing their talents and expertise with us. Be sure to sign up early - no doubt spaces will fill up quickly.

Also coming up this spring are some great programs, including the Silent Auction happening in April at the Springfield Township Building. Silent auctions are a blast! There are always so many neat things and gorgeous treasures to bid on. So be sure to come down and rub elbows with your fellow TLS pals, and get ready for some friendly competitive bidding!

We have tentative plans to hold our annual awards banquet in June this year. We are looking to secure a reservation at Charlotte's restaurant again, which has been the site of the most recent banquets we've held. Sadly, we've been unable to hold the dinner for the past 2 years due to the pandemic. However, Covid-19 cases have been slowly going down, and we are crossing fingers and toes that we will be able to resume the event again this year. Hope springs eternal...

"Despite the forecast, live like it's spring." — Lilly Pulitzer

—Stacey Segal, TLS President



NEWS AND NOTES

- Welcome to a new junior member, Ethan Beal! Nice to have you with us and we look forward to getting to know you!
- Planning for the June awards dinner is underway. Please reserve the date - June 8, 2022.



DATES TO REMEMBER . . .

- March 2:** TLS Board Meeting; 7:30 p.m., by ZOOM.
- March 9:** TLS General Meeting; 7:30 p.m., by ZOOM.
- March 16:** Gemarama Meeting; 7:30 p.m., by ZOOM.

—From Kathy Lopez, Program Chair

MARCH PROGRAM

The TLS program for March 2022 will be a video talk by Richard Freeman on the Jonas Mine Tourmaline Discovery from the 2019 Dallas Symposium.

Richard Freeman and his business partner, Jim Elliot, left clinical social work in the late 1970s in order to travel to Brazil to learn more about colored stones. As a founding member of American Gem Trade Association, his work has been dedicated to the integrity and long-term stability of the natural colored gemstone market. He started his own gallery called the EF Watermelon Gallery in 1985, which still operates in Old Lyme, Connecticut.

In the early 1980s, Brazilian mines had turned out massive tourmaline crystals which were nicknamed "The Grandfathers." Despite difficult conditions caused by a flood in Governor Valadares, enterprising mine owner Jonas Lima set up a tourist opportunity to see The Grandfathers, and it was this experience that influenced much of the rest of Freeman's career. In this talk, Freeman takes us through what the tourmaline deposits must have looked like, and gives an in-depth look at the different Grandfather stones and their locations within the mine.

You can learn more about Richard Freeman and see his gallery online at <http://www.efwatermelon.com/>

The Jonas mine entry on mindat can be found here: <https://www.mindat.org/loc-12119.html>



— From Janice Lawson, Recording Secretary

BOARD AND GENERAL MEETING MINUTES/HIGHLIGHTS

The February 2 Board Meeting by Zoom was called to order at 7:34 p.m. by President Stacey Segal. The minutes of the January Board and General Meetings were approved as distributed.

Announcements: Linda Green announced that there is an article about TLS in the February issue of Rock and Gem magazine written by Helen Serras-Herman, in honor of our 65th anniversary.

Treasurer's Report: Ken Dahl reported on the January Financial Report, including final figures for Gemarama. Membership dues have been paid by most members at this time. Deadline is February 15.

65+ YEARS OF TEACHING . . . LEARNING . . . SHARING
WE TEACH THE JOURNEY FROM ROCK TO GEM TO JEWELRY.

©2022 TUSCARORA LAPIDARY SOCIETY, INC.

Committee Reports:

Membership: Gary Cummings presented one new application, for Junior member Ethan Beal, with Steve Hansen as his sponsor. Ethan’s membership was unanimously approved.

Community Programs: Linda Green attended the DCAC meeting. Delco Arts week will be October 1-9, 2022, and a smaller Spring Fling will be on April 30th, and DCAC will promote events of the member organizations. TLS may participate with an Open House. Linda also said that she is looking to expand our community outreach and is generating a calendar of upcoming events. The Delaware Mineralogical Society show will be on March 5-6; John Chickadel and Ellen and Don Schwarzkopf will demo there and TLS literature will be available.

Programs: The March presentation will be a video talk by Zoom with Richard Freeman on the Jonas Mine Tourmaline Discovery. The schedule through June is set.

Education Center: John Chickadel is subbing until a new Ed Center director is found. In the jewelry studio, a damaged cabinet was removed and replaced with new shelves. The gas company came and inspected the meter.

Class Manager: Steve Hansen said that the Spring 2022 schedule is nearly ready. Visiting instructor Jeff Fulkerson will present two workshops, and Kathy Statton will teach channel jewelry. Visiting instructor Emily Pellini will return with two enameling classes, and Joan Strott-Alvini will teach Plique-à-jour. There will also be a weekend faceting class, glass marble making, and borosilicate flowers. Two Main Line School Night weekends are planned. Steve also talked about classes for later in the year, which may include chasing and repoussé, silver fusing, and a visiting faceting instructor.

Acquisitions: Doug McNicol said that Frank Rauscher, a TLS member in the 1970s, contacted him about some supplies he would like to sell. Doug agreed to get more information and photos of the supplies, and help advise him about a path forward.

Library and eBay: Stacey Segal reported writing up some auctions for the used wheels from the last two clean-ups that will be going up this Sunday.

Gemarama: Barry Messino reported that she has started contacting committee members to confirm they are all on board for the 2022 show. Frank Warner said that he and Lisa Laffend would start working on the Gemarama flyers.

SKIP: Dennis Coren said that he is encouraging members to work towards SKIP goals, and plans to send an email out to invite members to participate.

Old Business: Jody Shaw said that a notice would go out in the June Bulletin for submissions for member’s business information, that would go in the summer bulletin. Stacey Segal said that a volunteer is still needed for Ed Center Director. If anyone is interested, please contact Stacey.

New Business: Frank Warner said that the operations manual has been updated, reviewed, and approved. The board decided to go ahead with plans for the June awards dinner on June 8, 2022, tentatively at Charlotte’s in Newtown Square. Doug Klieger reported that the Philadelphia Mineralogical Society’s Outdoor Show will be held on October 8, 2022 in Mont Clair,

PA. Doug will be looking for TLS volunteers for this event. Ken Dahl said that the TLS audit was coming up in late March, and a committee comprised of a least two TLS members in addition to the President and the Vice President will be formed. Membership to the EFMLS has been addressed. Linda Green will look into items to commemorate the TLS 65th anniversary this year.



The February 9 General Meeting by Zoom was called to order at 7:33 p.m. by President Stacey Segal. In attendance were 28 members and 17 guests. Stacey Segal welcomed all guests in attendance.

Committee and other items discussed at the Board Meeting were briefly presented.

- Ken Dahl gave the financial report for January.
- Linda Green said that she is looking to expand our community outreach and anyone with ideas or ability to participate are welcome.
- Kathy Lopez is looking at programs for the fall and asked for suggestions from members for fall programs. Please send her an email.
- John Chickadel thanked Don Schwarzkopf and all who helped him for the great job done installing the new shelving in the jewelry room.
- Steve Hansen reported that the Spring 2022 schedule is nearly ready. In addition to our regular classes we will have some visiting instructors.
- Gary Cummings reported that the Board approved the updated TLS Operations Manual. Thanks to Frank Warner who did a lot of work on this. The manual is uploaded and functional.

Following the business meeting, Dr Phil Stokes, Executive Director of the Penn Dixie Fossil Park and Nature Reserve in Hamburg, NY, gave a very interesting talk about the English paleontologist, fossil collector, and dealer, Mary Anning, who was known for fossil finds in the English Channel cliffs in Southwest England. An active discussion followed his talk.



—From Ken Dahl, Treasurer

TUITION REFUNDS

Since positive tuition balances cannot be used in our online registration system, we no longer carry tuition credits from one term to the next. Positive tuition balances will generally be refunded soon after they are generated. I will try to clear all such balances before registration for a new term begins. Be sure to read carefully our REFUND POLICY that is posted both on our website and in the Bulletin when classes are published. Tuition credits are generated both from classes that are canceled, and from drop requests submitted to the Registrar in accordance with the Refund Policy.



APRIL BULLETIN DEADLINE

FRIDAY, MARCH 18

IN THE NEWS

If you see something newsworthy to share with our members, please send link to JodyshawTLS@gmail.com.

New Mineral Described From Uranium Mine In Utah
<https://www.geologyin.com/2022/01/new-mineral-described-from-uranium-mine.html>

A New York Museum Staple Gets a New Glimmer
<https://www.nytimes.com/2021/05/19/arts/museum-of-natural-history-minerals-gems-halls.html>

A Diamondlike Structure Gives Some Starfish Skeletons Their Strength
<https://www.sciencenews.org/article/starfish-skeleton-structure-diamond-strength-calcite>



INTERNATIONAL FLAMEWORKING CONFERENCE 2022

The International Flameworking Conference 2022 (IFC2022) returns to Salem Community College's main campus on March 18 through 20, 2022. Two presentations are on Friday evening's program, which begins at 7:00 PM. Four demonstrations each day constitute the program over the next two days between the hours of 8:00 AM to 5:00 PM. Further information regarding artists in the program, the presentations' and demonstrations' topics, ticket prices, and registration information can be found at the website www.salemcc.edu/ifc.

CALENDAR

Caution: Many show dates are tentative at this time due to COVID-19 and some from this list may have been canceled.

March 5-6: Annual Delaware Mineral Show, DoubleTree by Hilton Hotel, Wilmington, DE

March 19-20: Gem, Lapidary, and Mineral Society of Montgomery County MD Annual Show, Montgomery County Fairgrounds, Gaithersburg, MD

March 26-27: Che-Hanna Rock/Mineral Club, Wysox Volunteer Fire Co, Wysox, PA

March 26-27: Phila. Mineralogical Society Show, LuLu Temple, Plymouth Meeting, PA

April 2-3: Annual New Haven Gem and Mineral Show, Amity Middle School, Orange, CT

June 4-5: Orange. County Mineralogical Society Show, Museum Village, Monroe, NY

August 19-21: Gem Miner's Jubilee Gem & Jewelry Show, Lebanon Valley Fairgrounds, Lebanon, PA

September 17-18: EFMLS Convention and Mineral Show/Central PA Rock and Mineral Club, Harrisburg, PA

October 8: Phila. Mineralogical Society Outdoor Show, Mont Clair, PA

—Jody Shaw, Bulletin Editor

FUTURE BULLETIN DUE DATES

April	Friday, March 18
May	Friday, April 22
June	Friday, May 20
July/August	Friday, June 17
September	Friday, August 5
October	Friday, September 23
November	Friday, October 21
December	Friday, November 18



TLS HAS A FACEBOOK PAGE

Our online presence, particularly on Facebook, is a great way for TLS to share and connect with members, potential new members, and the community in general. In order to build our fan base, we need your help! Here are some ways in which you can assist.

- “Like” the Tuscarora Lapidary Society page on Facebook.
- Share information about TLS on Facebook, and invite your friends to “like” the TLS page.
- Send photos from classes and events to post on the TLS page. Be sure to give a few details, such as when and/or where the photo was taken, and who and/or what is pictured.
- Send event information, announcements, or reminders that you would like posted on the TLS Facebook page to Linda Green at ldgreensniffles@me.com.
- If you post about TLS classes or events on your own Facebook page, be sure to tag us.



—From Kathy Lopez, Program Chair

FUTURE PROGRAMS

Our upcoming schedule will include both in-person and Zoom events, and we will adapt as necessary to the ongoing Covid-19 situation. In the meantime, please see the schedule below, and if you have any suggestions for fall programs, please email kathy.lopez@me.com.

***Please note that due to scheduling conflicts, the Silent Auction will be held in April instead of March.

March - Richard Freeman, Jonas Mine Tourmaline Discovery (Video by Zoom)

April - Silent Auction at Springfield Twp Building, 7:30 p.m.

May - How to prepare a Gemarama exhibit display, and a slide show of examples. Springfield Twp Building, 7:30 p.m.

June - Annual TLS Dinner Meeting



LAPIDARY LINKS

Experience cultures across the globe, from the dawn of human history to the present, at the British Museum. You can watch events on demand, and take a virtual gallery tour from home. Get close to the collection using Google Street View by clicking [HERE](https://www.britishmuseum.org/). Explore many interesting exhibits online at their main page at <https://www.britishmuseum.org/>.

COVID-19 UPDATE SPRING 2022

The health and well-being of all members and students of the TLS community continue to be our top priority. Due to current existence of areas of high or substantial transmission of the SARS-CoV2 virus in our region, we require the wearing of masks for all individuals in our facility at this time, whether vaccinated or not.

SPRING CLASSES BEGIN APRIL 2, 2022 TLS EDUCATION CENTER, 24 UPLAND ROAD, BROOKHAVEN, PA 19015

TLS offers classes to adults interested in pursuing lapidary and jewelry arts. No previous experience is needed unless a prerequisite is noted. In some courses and workshops there is an additional charge for supplies and equipment. Pricing for classes is listed for members (M) and non-members (NM). Membership requires completion of Beginning Cabochon or Faceting class, participation in two TLS monthly meetings and willingness to participate as a volunteer in TLS activities. Course details, including the required supply and tool lists for many classes, and our online registration system, may be found at <https://www.lapidary.org/classes-spring-2022>. Fees for supplies are payable to the instructors and may depend on the choice of materials.

REFUND POLICY: If you wish to withdraw from a class, workshop, or open shop session, you must notify the Registrar by phone or email. Payment will be refunded 100% if you withdraw before the course, workshop, or open shop session begins. For multiday courses (not workshops or open shop sessions), payment will be refunded 80% if you withdraw before the second class. No refunds are given after the second meeting of a multiday course. No refunds are given after the first day of a multiday workshop. No refunds are given for missed open shop sessions (Exception: Members may receive a 50% refund, if requested, after missing an open slab-saw session).

Students are enrolled in the order that online payments or checks and [registration forms](#) are received. Please note: Checks for full tuition must accompany the registration form in order to reserve a spot in the class. Send registration form and check to Bill Frampton, Registrar, 168 Creek Dr., Elkton, MD 21921. For additional questions or more information contact Bill Frampton, w.h.frampton@gmail.com, 443-553-5805.

WEEKDAY CLASSES AND WORKSHOPS

MONDAY

(S22AC4-4) **Advanced Cabochons:** (10 weeks beginning April 4) 7:30-9:30PM. Members only. Limit 5. Instructor: Stacey Segal. Tuition: M\$70.

TUESDAY

(S22AS4-5) **Beyond Beginning Silver – Forming and Forging:** (10 weeks beginning April 5) 10AM-1PM. Minimum 7, maximum 10. Skill level - Intermediate/Advanced. Students can expect to learn about forming tools while making two bangle bracelets and one pair of hoop earrings. Learn two methods that you can use to alter

the shape and form of metals. Control the length and thickness of metal by forging, or change metal shape but keep the thickness intact by forming. These invaluable techniques will serve well for many future jewelry projects. Guest Instructor: Marthe Roberts/Shea. Tuition: NM\$330/M\$240.

(S22FT4-5) **Faceting:** (10 weeks beginning April 5) 7-9:30PM. Limit 5. Cut clear gemstones with flat planes (facets). Instructors: Steve Hansen and Paul Stieff. Tuition: NM\$144/M\$72.

(S22CJ4-5) **Channel Jewelry:** (10 weeks beginning April 5) 7-9:30PM. Limit 8. Prerequisites: Beginner Cabochon and Beginner Silversmithing. Learn how to make a piece of channel jewelry. Pick a simple design, make it out of silver, solder design to the backing (not bigger than 3x3), then fill the “channels” with stone and polish. Instructors: Kathy Statton and Barry Messino. Tuition: NM\$189/M\$117. (Tuition includes a \$45 material fee for sterling silver for framework construction).

WEDNESDAY

(S22BS4-6) **Beginning Silver:** (8 weeks beginning April 6) 10AM-1PM. Limit 8. Learn basic silversmithing techniques and complete one or more projects, which could be a pendant, ring, or bracelet. Instructor: Barry Messino. Tuition: NM\$144/M\$72. Materials fee (payable to instructor) approximately \$40, depending on projects chosen.

(S22CI4-20) **Introduction to Chainmaille Workshop:** (1 session on April 20) 6-9PM. Skill level – all. Minimum 3, maximum 10. Learn the basic techniques of working with jump rings. This workshop covers opening and closing jump rings, Chainmaille terminology, jump ring materials, their properties and the effect different materials have on weaves. Students will complete a pair of basic earrings. Instructor: Sharon Parsons. Tuition: NM\$40/M\$20. Materials fee of \$10 payable to the instructor.

(S22CI5-18) **Chainmaille Workshop:** (1 session on May 18) 6-9PM. Skill level – Intermediate. Minimum 3, maximum 10. Topic TBD. Instructor: Sharon Parsons. Tuition: NM\$40/M\$20.

THURSDAY

(S22BC4-7) **Beginning/Intermediate Cabochons:** (6 weeks beginning April 7) 9AM-Noon. Limit 7. Learn how to cut and polish rounded gemstone shapes. Open to new students and those honing their skills in cutting and polishing cabochons. Instructors: John Chickadel and Bill Frampton. Tuition: NM\$130/M\$70.

(S22AC4-7) **Advanced Cabochons:** (6 weeks beginning April 7) 1-4PM. Limit 7. Members only. Instructors: John Chickadel and Bill Frampton. Tuition: M\$70.

(S22BC4-7E) **Beginning/Intermediate Cabochons:** (10 weeks beginning April 7) 7:30-9:30PM. Limit 7. Learn how to cut and polish rounded gemstone shapes. Open to new students and those honing their skills in cutting and polishing cabochons. Instructors: Gary Cummings and Christy Potter. Tuition: NM\$130/M\$70.

(S22EI4-7) **Introduction to Enamels:** (5 weeks beginning April 7) 10AM-1PM. Minimum 6, maximum 8. Skill level - Beginner/Intermediate. Students will learn the basics

of enameling, from fusing to introductory techniques. Processes include stages of fusing, graphite drawing, glass etching, and basse-taille, among others. Guest Instructor: Emily Pellini. Tuition: NM\$170/M\$145.

(S22IE5-19) **Beyond Beginner Enamels:** (5 weeks beginning May 19) 10AM-1PM. Minimum 6, maximum 8. Skill level - Intermediate. Students who have completed a previous enamels course will continue to learn advanced techniques such as china painting, luster, and cloisonné, among others. Students will be expected to create a small sampling of techniques. Techniques covered: china painting, luster, cloisonné, vertical enameling, decals, jewelry. Guest Instructor: Emily Pellini. Tuition: NM\$170/M\$145.

WEEKEND WORKSHOPS

(S22MM4-2) **Marble Making:** (Two-day workshop, April 2 & 3) 9AM-5PM. Limit 6. For beginners and those with some marble-making experience. Learn to make perfect spheres at the torch out of clear and colored borosilicate glass. Instructors: Tami O'Connell and Lisa Laffend. Tuition: NM\$170/M\$110 (includes \$50 fee for supplies and materials). A leather apron is required.

(S22EP5-7) **Saw Piercing Plique-à-Jour:** (Two-day workshop, May 7 & 8) 10AM-5PM. Limit 8. Plique-à-jour (French "open to the light") is a technique developed in 14th century France and Italy, creating a miniature stained glass effect. In this class you will learn one way to achieve this enamel technique by saw piercing your design in fine silver and then enameling the open cells. Experience working with a jeweler's saw is a plus. Guest Instructor: Joan Strott-Alvini. Tuition: NM\$240/M\$180. Materials fee of \$45 payable to the instructor.

(S22CR5-15) **Bead Embroidered Cabochon - Beginner:** (One-day workshop, Sunday, May 15) 1-5PM. Limit 8. Bring a round, flat backed cabochon, and create a bead embroidered, ultra-suede backed pendant. Instructor: Christy Potter. Tuition: NM\$40/M\$20. Materials/Kit fee (payable to instructor) \$10.

(S22JP6-5) **Jewelry Photography:** (Sunday, June 5) 1PM-5PM. Limit 10. Learn how improve your jewelry photography and editing skills. This workshop will take a hands-on, common sense approach to lighting, photographing jewelry in various settings, focusing on simplicity and problem solving. Various editing apps and editing options will be discussed. Bring your phone, point and shoot or SLR along with your best jewelry for a fun afternoon of shooting. There is always a way to get a great photo of your jewelry and you do not have to be a professional to figure it out. Instructor: Mara Wolff. Tuition: NM\$40/M\$20.

(S22FT6-11) **Beginner Faceting Weekend Workshop:** (Two-day workshop, Saturday & Sunday, June 11 & 12) 9AM-5PM. Limit 5. New students only. Facet a transparent glass gemstone in the TLS #1 pattern. Instructors: Steve Hansen and Ingrid Ratsep. Tuition: NM\$120/M\$60.

(S22GA6-25) **Borosilicate Glass Flowers:** (Two-day workshop, Saturday & Sunday, June 25 & 26) 9AM-5PM. Limit 6. Prerequisite: TLS glass beadmaking or glass marble

workshop. Learn to make a variety of glass flowers. Instructor: Frank Warner. Tuition: NM\$175/M\$115.

JEFF FULKERSON WORKSHOPS

(S22FR5-20) **Beginner Cabochon Ring with Heavy Set Bezel:** (Friday, May 20) 9AM-5PM. Minimum 7, maximum 10. For beginners and those with some metal working experience. You will learn how to make a heavy chiseled and cut bezel and an overlay shank so your ring will stand out from the crowd. We will discuss considerations in picking a cabochon. Special Guest Instructor: Jeff Fulkerson. Tuition: NM\$230/M\$205. Materials fee, payable to the instructor, TBD based on the price of silver at the time of the workshop. Bring your own cab or purchase one from Jeff.

(S22FI5-21) **Pillow Inlay Cuff:** (Two-day workshop, Saturday and Sunday, May 21 & 22 plus optional pre-class session May 14 supervised by Barry Messino at the Ed Center with Jeff participating by Zoom) 9AM-5PM. Minimum 8, maximum 10. Learn Jeff's methods for making a stunning, heavy inlay cuff for yourself or as a gift for someone special. NOTE: To complete this project in two days, students are required to bring a completed sterling framework at the start of the workshop. The framework structure can be completed in your home workshop or in the pre-session at the Ed Center on May 14. Special Guest Instructor: Jeff Fulkerson. Tuition: NM\$460/M\$400. Estimate material costs for framework silver approximately \$150. Bring your own lapidary materials to inlay or purchase some from Jeff. Materials fee, payable to the instructor, TBD based on the price of silver at the time of the workshop.

OPEN SHOP SESSIONS

(S22OC) **Open Cabbing:** (Saturdays: 4/2, 5/7, 6/25, Thursdays: 5/19, 5/26, 6/2, 6/9, 6/16, 6/23) 10AM-4PM. Limit 5. Prerequisite: One TLS beginning cabbing class. Fee: NM\$33/M\$27 per day. Supervisors: Stacey Segal (Saturdays) or John Chickadel (Thursdays).

(S22OS) **Open Slab Saw:** (Saturdays: 4/2, 5/7, 6/25, Thursdays: 5/19, 5/26, 6/2, 6/9, 6/16, 6/23) 10AM-4PM. Members Only. Prerequisite: Must be certified for slab saw use. May be taken concurrently with open cabbing. Supervisors: Stacey Segal (Saturdays) or John Chickadel (Thursdays). Fee: \$10 per hour. Indicate date and preference for AM or PM. The Registrar will schedule actual times.

(S22OM) **Open Metalsmithing/Soldering:** (Saturday: 4/9, 4/30, 6/4; Mondays: 4/11, 5/9, 6/13) 10AM-4PM. Limit 7 on Monday, 10 on Saturday. Prerequisite: One TLS silver class or equivalent (as approved by Supervisor). Supervisors: Stacey Segal (Saturdays) or Linda Green (Mondays). Fee: NM\$33/M\$27 per day.

(S22OE) **Open Enameling:** (Mondays: 4/11, 5/9, 6/13) 10AM-4PM. Limit 3. Prerequisite: One TLS enameling class or equivalent (as approved by Supervisor). Supervisor: Eileen Magee (Mondays). Fee: NM\$33/M\$27 per day.

(S22OT) **Open Torch (Bead-making):** (Saturday and/or Sunday, April 23 & 24) 9AM-5PM. Limit 10. Prerequisite: One TLS glass bead-making class. Fee: NM\$44/M\$36 per day. Coordinator: Frank Warner.

—From Frank Warner

TLS History Series #16
Highlights, Part 4: 1978 - 1984

1978

1978 would prove to be a critical and transitional year in the history of TLS. A hint of the controversy over the Workshop can be found in *Bulletin* articles promoting the free educational program in which members gave instruction in their homes. In response, the Workshop Committee held an open house in April, with refreshments, demonstrations, and an exhibit of unusual and interesting stones.

By May, the Workshop experiment in Newtown Square was in its 27th month and was operating essentially as a separate organization within TLS, managed by a large committee of TLS members, governed by a set of operating procedures, and supported by donations, fees, and income from the Gemarama food concession. It was required to be fully self-supporting and was available only to members and their families. The differences of opinion for and against the concept of a TLS Workshop remained strongly held. President David Sonnenthal, deciding that it was time to resolve the ongoing organizational problems, called a special Board meeting for May 25, at which he presented a detailed proposal for a TLS-funded Skill Center. His proposal was adopted by the Board. Committees were established to look for a site, and to work out the operational, management, and financial considerations.

The controversy over the Workshop reached a climax during the summer and fall of 1978. A number of members opposed to the Workshop concept resigned to form the Delaware Valley Lapidary and Mineral Society. The October *Bulletin* contained a special ballot in which members by a large margin chose to create a Skill Center in a rented facility at 105 W. Jasper Street in Media.

The Newtown Square Workshop continued with a full schedule of seminars and classes through the summer and fall. A Good-bye Party was held at the Newtown Square Workshop on December 10. On December 16, 1978, a committee met to dismantle the Workshop.

1979

The TLS Skill Center opened January 3, 1979 at 105 West Jasper Street in Media, PA. The first classes were channel jewelry, jewelry, carving, faceting, cabochons, and an open shop for general work. Several evening sessions for gemstone identification and instruction were held during the winter session. In late March, Norman Mansell presented the first Skill Center Seminar on "OPAL, its varieties and its problems for the lapidary."

The Coren Award for outstanding service by members in their first three years was created in response to a thank you gift from the Corens. Chesna Coren's recommendation of a jewelry fashion show as an attraction for Gemarama was accepted. The fashion show was covered by reporters from *The Bulletin of Philadelphia* and *Lapidary Journal*. A collection of seventy-five shoe boxes containing rock samples was collected at the June dinner meeting for teaching aids for junior high school classes.

TLS won the National Trophy for General Lapidary at

the American Federation show in Tampa, Florida with a score of 91.33.

A Junior Member category was created with dues of \$5 for the first year and \$3 for subsequent years. Dues were increased to \$15 per year effective in 1980. A new category with dues of \$25 per year was created for families in which both spouses were members. Retired members were no longer permitted to pay a reduced dues rate of \$6 per year.

1980

In January, a full page Skill Center calendar appeared in the *Bulletin* for the first time. At this point the Skill Center was for members only. But the idea of presenting classes to the general public began to take hold. In June, the Long Range Planning Committee presented the Board with a proposal for a new Associate Member category that would open Skill Center courses to members of the general public. Initially there was a small fee for Associate status, there was no additional fee for classes, the status was limited to one year in duration, and the minimum age was 12. At the September General Meeting, Article XVII on Associate Member status was approved for addition to the bylaws.

TLS won the American Federation of Mineralogical Societies (AFMS) slide program contest with its *Let's Make series on a Ring, an Intarsia, a Sphere, a Carving, and Doubles and Triplets*.

1981

The SKIP Program was very active, with the awarding of 26 certificates including 6 masters. The Skill Center was growing, with classes divided into 4 quarters.

TLS founder, Roger Kettimon passed away on September 6, 1981. In honor of his efforts in establishing TLS, the TLS Library was named after him. TLS won an All American AFMS award for its slide show *How to Make a Cabochon*.

1982

In February, the application fee for Associate status was dropped and a fee of \$10 per class per quarter was instituted. At this point there was no charge for members to take classes. Also, TLS teachers could now approve a one-year extension for Associate member status. A Liberty Bell Intarsia project was first suggested.

1983

On September 11, TLS participated in the United Way Celebration on the Parkway with a table containing literature about TLS and exhibits. In November, the Board recommended and the membership approved that Gemarama be an annual event.

1984

Work was progressing on the Liberty Bell intarsia. (The project was completed in 2001!) The Secretary's job was split into Recording and Correspondence Secretaries. Many TLS members attended the EFMLS workshop session at the Wildacres Retreat conference center in North Carolina.

—Written by Doug McNicol

MEMBER SPOTLIGHT

Douglas (Doug) McNicol is a collector of things. He learned at an early age that he is not very creative and lacked the coordination to build intricate structures. His father could not fathom why Doug could not drive a nail without bending it. Doug was inquisitive and wanted to know how things worked, or what they were made of, and found out by taking them apart. Putting them back together was not a priority.



His grandfather gave Doug a stamp album in 1957 that pictured the first couple of stamps in a series. This began a lifelong stamp collecting hobby. At a young age, Doug once got permission from his parents to take the bus by himself to the downtown post office to see if one that was going out of circulation was still available. He had just enough money that he made delivering newspapers to buy the stamp, pay the bus fare, and have lunch at the 5 and 10 cent store. Doug got the last \$5.00 Presidential stamp the Wichita Postal system had. Unfortunately, Doug wanted to display the stamp so he hinged and framed it along with the other stamps in the series. All the stamps got sun faded in a few years, so a very valuable lesson was learned – collectables had to be protected. He continues his interest in stamp collecting and is a lifelong member of American Philatelic Society. Doug earned an award as a youth for a display of UN stamps at a Wichita stamp show.

Up through 1978, Doug's family vacationed in Colorado, visiting his grandfather. This was when he began his interest in coins and turquoise. The family went to Denver where silver dollars were used as currency and Doug pocketed as many as he could. Visiting the Denver Mint was a highlight of one trip. On the trips, many curio shops had turquoise items for sale. This sparked his interest in turquoise as a stone with the many colors and webbing. The varieties of turquoise were as interesting to contemplate as were Doug's questions on how the earth was formed with the many layers, why the mountain ranges formed where they did, and how the volcanoes shaped the New Mexico landscape.

Native American jewelry became an interest when a fellow employee in Wichita (Boeing) invited Doug to his home business that included Native American art and jewelry. In 1980, Doug and his wife Lois stopped at Glen Comfort Shop in Big Thompson Canyon, CO. There they saw a squash blossom made of Lander Blue turquoise but decided the price was too high. Lois did order a pendant and chain made from two award winning artists and had it sent to them. That was the first of several commissioned items they have acquired over the years. In 1981, the Lander Blue squash necklace was still available and they bought it. That started the collection of Native American jewelry. Attending Southwest Association for Indian Arts (SWAIA) Market in Santa Fe NM became an almost yearly event, where they met traders with multi-generational connections to the Native American community, and they met artists that they have become friends with and have funded. For many years, Doug and Lois sponsored an award for best traditional item of jewelry at the annual SWAIA juried competition.

Doug prefers museum quality turquoise specimens over individual cabochons and has been able to procure them through the traders as old miners parted with their original finds. Doug and Lois set up an LLC to wholesale turquoise, both rough and cabochons, but being in Philadelphia, sales have been few. The LLC will be shut down in 2022. Both the LLC and personally owned stones have appeared in Native American Art (magazine) Dec/Jan 2020.

Another of Doug's major interests started in 1970 when he saw a 1940 Ford coupe in Canyon City, CO for sale. He borrowed \$400 from his grandfather and the car was parked behind his grandfather's house. Christmas break of 1970, Doug and his father returned to Canyon City to retrieve the car. They pulled it back to Wichita behind a 1960 Chevy Biscayne. The 1940 Ford was driven for a year until the engine expired. Doug then started his first body off restoration. This love of cars has extended to this day with a particular interest in Chevrolet Corvettes.

Doug was born and raised in Wichita Kansas. He went to Wichita State University, studying Electrical Engineering, and received a Master's of Science in 1972. The first 3 years of college were paid for by a track scholarship. The last semester, with only his thesis to complete, he applied for employment at Boeing. He was offered a job and only planned on staying for a couple of years. He worked for Boeing for 38 years - 13 in Wichita and 25 in Philadelphia. With only a FORTRAN course behind him, Boeing assigned him to develop software for an Automated Test Set designed to Fault Detect and Isolate hardware problems in Television and Infrared sensors installed on the B-52. He became the integrator between an HP-21 minicomputer. Boeing built switching networks - stimuli drawers, and computer-controlled test equipment e.g. multimeters, waveform analyzers, frequency and pulse generators. He participated in a two-person team writing the drivers in HP assembly language. Development tools were a TTY and paper-tape. The development station was an early HP minicomputer with 16k bytes of magnetic core memory. Debugging the drivers involved altering memory cells with switches on the front panel of the minicomputer. Doug then became the maintainer for all the drivers and low-level analysis programs.

Microcomputers were just becoming commercially available, so Boeing assigned Doug to a Research and Development program to understand how they could be utilized. Only the microprocess chips were available so the R&D team had to integrate the clock and memory circuitry with the microprocessor chip. No software existed, so Doug developed cross-assemblers for 4 different microprocessors. He also developed a rudimentary operating system (like Windows for PC computers) on the Intel 8008, 8080 and 8086 breadboards being analyzed.

Next, Doug managed engineers developing flight software requirements for integration of television and infrared sensors onto the B-52 and military helicopters. The requirements engineers then migrated to hands on hardware integration and problem resolution.

The last few years Doug was assigned as an onsite Boeing rep at the Aerospace Division of Honeywell International in Albuquerque. Honeywell was on contract to the Dutch government to develop an avionics suite for Boeing to install on the Chinook helicopters Boeing was building. The Honeywell avionics suite was to be Government Furnished Equipment to Boeing but there were financial penalties on Boeing if the aircraft was delivered late, even if the Honeywell hardware/software did not meet specification. Boeing had to define the Pilot Vehicle interface (all the TV screens that the pilot used to fly the aircraft), plus all the interfaces to the aircraft systems (Engine, fuel, hydraulics, transmissions, etc.), then test and verify the avionics package on the aircraft. Doug was the technical lead on the integration and test team. Doug retired prior to the Dutch acceptance of the first aircraft. The proximity to Santa Fe led him to spend many weekends talking to traders to learn more about turquoise and attending Native American dances by invitation from one of the Honeywell associates.

Doug and Lois attended Gemarama where he met Joe Rokosky, who suggested Doug become a member. While taking courses from Joe and Sue Garrett, they worked patiently with Doug. Those courses reinforced Doug's lack of precise design and creative abilities. A large stone would become a pebble in his hands. Even though he is not the artist, he enjoys the fellowship of artists and those who are members. Doug has been a member of TLS for about 10 years.



Bracelets by Wes Willie. Small bracelet with Lander Blue stones, larger with Lone Mountain stones.



Indian Mountain Turquoise mined from Lander Co., NV about 1974.

The Tuscarora Lapidary Society (TLS) is a 501(c)(3) non-profit corporation and a Pennsylvania Purely Public Charity organized to encourage and teach the science and art of lapidary (the cutting and polishing of stones) as well as the arts and sciences associated with lapidary interests. This mission is accomplished through general meetings, an annual show, educational courses and workshops, and free displays and presentations; all open to members of the general public. TLS meets the second Wednesday of each month, except July and August, at 7:30 p.m. in the Springfield Township Municipal Building, 50 Powell Road, Springfield, PA 19064; the June meeting is a dinner held at a local restaurant. Visitors are always welcome; anyone interested in joining the society may talk to any officer about the dues and membership requirements.

2022 TLS OFFICERS, BOARD OF DIRECTORS, AND COMMITTEE CHAIRS

OFFICERS AND BOARD OF DIRECTORS

President Stacey Segal
Phone: 484-432-2710; email: tlspresidentss@gmail.com
Vice President Gary Cummings
Recording Secretary Janice Lawson
Corresponding Secretary Eileen Magee
Treasurer Ken Dahl
Directors.....Doug McNicol, Anthony Lombardo, Mimi Favre
Education Center Director John Chickadel
Gemarama Chair Barry Messino

COMMITTEE CHAIRS & ASSISTANTS

Gemarama Co-Chair Anthony Lombardo
Parliamentarian Gary Cummings
Class Manager Steve Hansen
Registrar Bill Frampton
Historian Frank Warner
Print Communications. Lynn Bibolet
Assistant Mary Batter
Records Manager & Archivist. Lisa Laffend
Library/eBay Stacey Segal

Landscape Plantings. Joyce Babiarz
Skill Improvement Program (SKIP) Dennis Coren
Programs Kathleen Lopez
Assistant Volunteer Needed
Membership. Gary Cummings
Education. Lisa Laffend
Facilities & Equipment Don Schwarzkopf
Acquisitions Douglas McNicol
Assistant Katy Winters
Community Programs & DCAC Rep Linda Green
Assistant Christina Kulp
Email communications Lola Fields
Social media Linda Green
Assistant Anna Thompson
Welcoming Margaret Bimson
By-Laws Gary Cummings
Webmaster. Doug Klieger
Event Calendar. Lisa Laffend
Bulletin Editor Jody Shaw
Phone: (856) 981-0306; email: jodyshawtls@gmail.com

TLS EDUCATION CENTER ♦ 24 UPLAND ROAD, BROOKHAVEN, PA 19015 ♦ (610) 490-5252 ♦ WWW.LAPIDARY.ORG ♦ INFORMATION@LAPIDARY.ORG
TLS IS A MEMBER OF THE EASTERN FEDERATION OF MINERALOGICAL AND LAPIDARY SOCIETIES (EFMLS),
AND AFFILIATED WITH THE AMERICAN FEDERATION OF MINERALOGICAL SOCIETIES (AFMS).

EFMLS  Follow TLS on Facebook  YouTube Videos  Follow TLS on Instagram  AFMS 

FUNNY QUOTES

- 1. Do not take life too seriously. You will never get out of it alive. -Elbert Hubbard
2. A woman is like a teabag-you can't tell how strong she is until you put her in hot water. -Eleanor Roosevelt
3. My grandmother started walking five miles a day when she was sixty. She's ninety-seven now, and we don't where she is. -Ellen DeGeneres
4. A computer once beat me at chess, but it was no match for me at kickboxing. -Emo Philips
5. How many people here have telekinetic powers? Raise my hand. -Emo Philips
6. Leave something for someone but don't leave someone for something. -Enid Blyton
7. Never go to a doctor whose office plants have died. -Erma Bombeck
8. Never have more children than you have car windows. -Erma Bombeck
9. I drink to make other people more interesting. -Ernest Hemingway
10. Good advice is something a man gives when he is too old to set a bad example. -Francois de La Rochefoucauld