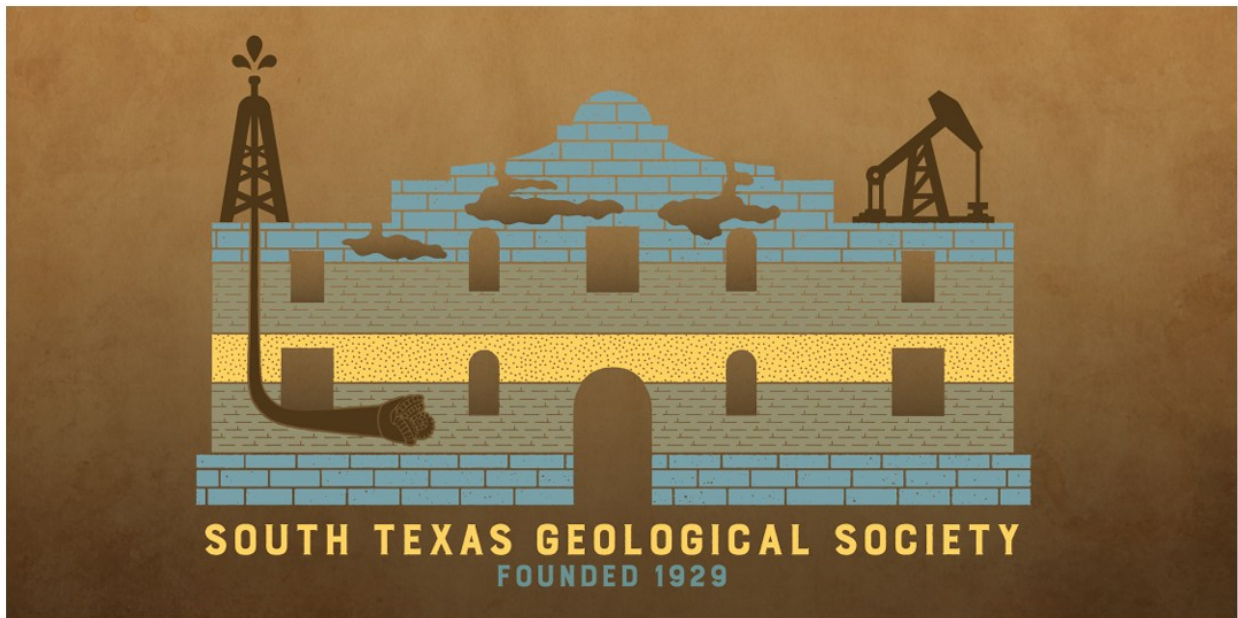


Bulletin of the
South Texas Geological Society

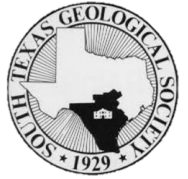
Volume LXV

February 2025



INSIDE THIS ISSUE

February 2023 Newsletter



Volume XLV Issue No. 6
February 2025

STGS Meeting Notice

Date: February 12th, 2025

Time: Wednesday, 11:30 AM

Speaker and Topic: Kelly Hattori, Reservoirs of the Pettet Formation seen through a stratigraphic lens: Influence of lithologies, sea level fluctuations, and shelf architecture on production trends in Rusk County, East Texas

Location: Petroleum Club 8620 N New Braunfels Ave #700 San Antonio, TX 78217

The South Texas Geological Society Bulletin is published monthly from September through May by the South Texas Geological Society, P.O. Box 17805, San Antonio, Texas, 78217. Phone: 210-822-9092. Copyright 2020 by the South Texas Geological Society. All rights reserved.

Subscriptions: Subscriptions to this publication is included in the membership dues (annual renewal). It is emailed electronically.

Advertising: Advertising is accepted at any time. Please contact the South Texas Geological Society for additional information.

President’s Message	3
Editor’s Letter	4
Calendar.....	8
Advertisements	10
Christmas Party Sponsors	12
Scholarships	14 - 29
Happy Hour	30
Wichita Paleoplain Field Trip	31
Crawfish Boil	32
Events	34
Meeting Speaker	36
Directory	39

Editor’s Note:

This months bulletin may look a bit different, as it does not feature a technical article. Instead we are sending this newsletter to all of our members, regardless of membership status, as we have lots of exciting news to share!

If you or your colleagues have published geologic research, consider sending it to the STGS Bulletin for republishing and see your work featured here!



DEAR STGS MEMBERS,

Thank you to everyone who attended our January luncheon. Chris gave a great talk on her regional work on the Austin Chalk and it was well attended!

We had a successful re-running of the Eagle Ford Trip this past weekend in Austin led by Richard Denne and Toti Larson joined by Daniel Minisini. The trip was well attended by students from UT, Baylor, Trinity, A&M, and A&M Corpus.

Please join us for our luncheon on February 12^h. Kelly Hattori from the BEG will be giving a talk based on the Pettet Formation Reservoirs of the East Texas Basin.

We will be running the Wichita Paleoplain field trip to the Hill Country led by Tom Ewing which is scheduled for March 22nd. This will be a highly educational experience so please plan to join us! Sign up today!

GeoGulf 2025 hosted by the East Texas Geological Society and the Shreveport Geological Society will be April 6-8th in Nacogdoches. Please visit geogulf2025.org for more information.

The Spring Crawfish Boil is right around the corner! The date is scheduled for April 24th from 4:00-8:00pm at the Koehler Pavilion at Brackenridge Park. Thank you to David Clay for organizing.

Finally, our May Scholarship/Educational dinner is scheduled for May 15th at Trinity University. We are excited to have Scott Tinker as our distinguished speaker.

We are looking for candidates to run for STGS office for next year. If you have interest please reach out to John Long or anyone else on the board.

Hope to see you at the luncheon!

Best Regards,

John Cooper

STGS President, 2024-2025

HOWDY GEOS!

This month's bulletin will look a bit different. This issue is more of a newsletter than a bulletin, since there is not a technical article. If you or someone who know would like to submit a technical article for publishing, please let me know. In the meantime, enjoy the February newsletter!



I'm so grateful we were able to offer the Eagle Ford/ Lower Austin Chalk field trip in Austin for the second time this year! Our pals from Austin, Dr. Richard Denne and Toti Larson offered this trip last October and it was so well received that it was offered again February 8th.

We started the field trip in South Austin on West Bouldin Creek where we familiarized ourselves with the formations in the featured outcrops. The Eagle Ford Group is differentiated into the Pepper Shale, the Waller Member and the Bouldin Members of the Lake Waco Formation, and the South Bosque Formation. These formations are visually different, and can be easily distinguished once our guides pointed out their characteristics. The formations exposed in West Bouldin Creek were deposited in the Early Cenomanian Stage through the Late Turonian Stage (roughly 97 MYA to 90 MYA).

Stratigraphically above the Buda Formation lies the Pepper Shale, which is no longer exposed in the Austin area. However an unnamed unit of the Waller Member overlies the Pepper Shale and can be viewed. Very dark in color, this mudstone is very organic rich with Total Organic Carbon of about 8%. Above this mudstone lies an interesting layer of concretions which the bioclastic Bluebonnet Limestone rests upon. Above the Bluebonnet Limestone is the Bouldin Member, a thick, condensed layer of mudstone interbedded with ash beds, some as thick as 3 inches. Above the Bouldin Member, seen only in the upstream extent of our hike, is the South Bosque Formation, a thick set of clay-rich material in which the Austin Chalk overlies.

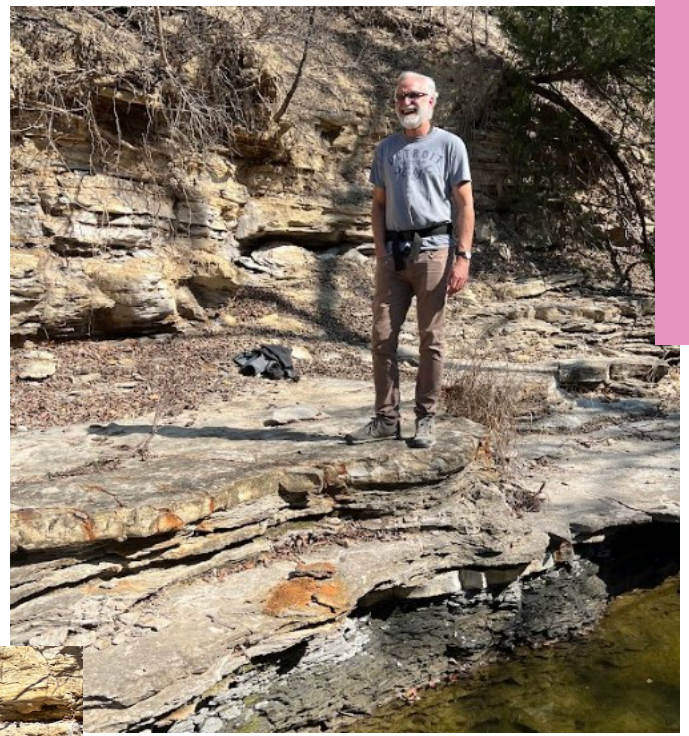
Throughout the creek bed one can find large inoceramid fossils, pyrite, fish debris, ammonites, charcoal bits, oysters and foraminifera. Under a microscope, one can see a vast array of coccoliths and other features.

Our second stop began at Gracywoods Neighborhood Park, where we convened in Walnut Creek bed to view an antithetic fault within the Austin Chalk. If you know where to look, you can also find slickenlines through here. There are a handful of small faults through the creek bed, and it is interesting to note how they propagate through different materials, such as marl or chalk. There are several locations that you can find inoceramus through Walnut Creek, as well as ammonites, gastropods and at one point, small broken baculites bits.

Sometimes I wish I could borrow the brains of people like our field trip leaders. Their expertise really puts into focus the phenomena of learning more and realizing how much more there is to learn. Thanks to Toti Larson, Richard Denne and to Daniel Minisini for your time and enthusiasm!

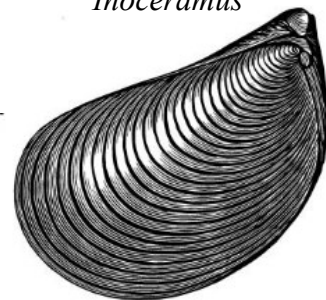






Baculites

Inoceramus





South Texas Geological Society Bulletin Advertising 2024-2025

STGS Bulletin Advertising Sponsors and Potential New Advertisers,

The STGS Bulletin is a monthly, digital publication being distributed to the members which is made possible by our generous advertisement sponsors. Without this support we could not produce such an informative and educational publication. Please consider renewing or beginning a new advertisement for the 2024-2025 publication year of the South Texas Geological Society Bulletin. Ads placed in the bulletin will run for 9 months; the duration of the fiscal year. Thank you in advance!

For more information about the South Texas Geological Society please visit our website: www.stgs.org.

This Bulletin Advertising Invoice Form should be filled out and returned with payment to: **South Texas Geological Society, P.O. Box 17805, San Antonio, Texas 78217**. Please contact Shelby Scittone, the STGS Editor, with any questions or concerns regarding all new and edited advertisement submittals: shelbyscittone@yahoo.com.

All ads need to be high resolution 300 dpi or greater and in JPG format. Please email to shelbyscittone@yahoo.com.

SPONSOR, INSIDE COVER and FULL PAGE Ads SIZE SPECS: 8.5 inches by 11 inches

HALF Page ad SIZE SPECS: 7.5 inches by 5 inches OR 3.75 inches by 10 inches

QUARTER Page ad SIZE SPECS: 3.75 inches by 5 inches OR 7.5 inches by 2.5 inches

EIGHTH Page ad SIZE SPECS: 3.75 inches by 2.5 inches

BUSINESS CARD: Must be an STGS member in good standing to run a business card ad.

Company: _____

Phone: _____

Contact Person & Email: _____

Address: _____

Please select your advertisement:

SIZE	Cost for 2024-2025*
Cover Page in color	\$1040
Full Page	\$806
Half Page	\$572
Quarter Page	\$286
Eighth Page	\$156
Business Card Ad	\$50

**All prices include a 4% service fee*

FEBRUARY 2025						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2 Groundhog Day	3	4	5	6	7	8
9	10	11	12 STGS Luncheon @11:30am	13	14 Valentine's Day	15
16	17 President's Day	18	19	20 STGS Happy Hour 6PM	21	22
23	24	25	26	27	28	

STGS AFFILIATES' EVENTS:



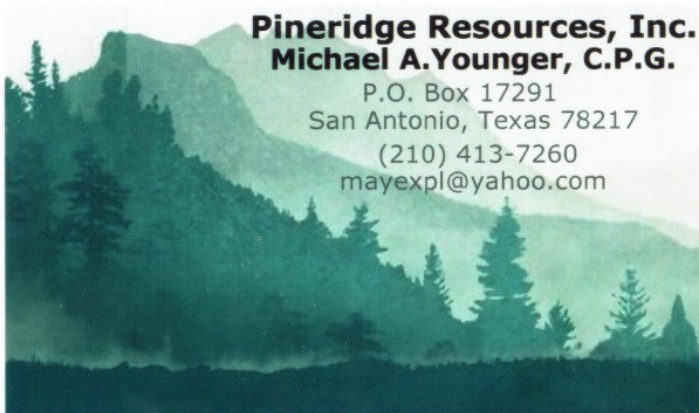
Registration is open! Visit geogulf2025.org to learn more

Next Month:



GSA South-Central Section Meeting
March 9-11 Conway, Arkansas





Pineridge Resources, Inc.
Michael A. Younger, C.P.G.
 P.O. Box 17291
 San Antonio, Texas 78217
 (210) 413-7260
 mayexpl@yahoo.com



Quality Geophysics

Hardin International Processing, Inc.
 5300 Democracy Drive, Suite 100
 Plano, Texas 75024
 Bus. 972.312.9221 x112
 Cell. 972.814.4617
 Fax. 972.312.9226
 Email. dlafoy@hardinintl.com

Dillon LaFoy
 Sr. Sales Representative

www.hardinintl.com



CYPRESS RUN ENERGY

MATT KOEHLER
 President

322 W. Sunset Rd., Suite 100
 San Antonio, Texas 78209

c: 210 863 4848
 o: 210 874 1070

mkoehler@cypressrunenergy.com
 cypressrunenergy.com



GLS Solutions, Inc.

Grant L. Snyder, PG
 Vice-President / Principal Hydrogeologist
 15714 Huebner Road, Building 3
 San Antonio, TX 78248

Phone (210) 601-0219
 Fax (210) 447-3001
gls.solutions@att.net
 Website: glssolutionstx.com

PROSPECTS - CONSULTING - WELL SITE REPRESENTATION



MARK E. THOMPSON
 PETROLEUM GEOLOGIST

SAN ANTONIO, TEXAS
 PHONE: 210.492.3096
 CELL: 210.415.3508
 OILMANMET@YAHOO.COM

BROONER EXPLORATION

Barry A. Brooner
 President

2824 Nacogdoches, San Antonio, TX 78217
 Cell (210) 241-2544
 Fax (210) 824-0864 Hm (210) 826-0777
 broonerb@hotmail.com



Call For Papers

Attention Geologic Community,

Here at the South Texas Geological Society we pride ourselves upon providing a Bulletin for you the scientific community that is centered around a geologic article. We have been around since 1929 and we serve a large audience of nearly 1000 people in this area of Texas. Encompassed in our South Texas reach are a number of prestigious schools which churn out large numbers of STEM students that are conducting research every semester. Also in our little corner of Texas are a vast number of esteemed faculty and professionals who are publishing their own research in the geologic subjects.

In order to continue our Bulletin each year, we depend on the work of these students, faculty and industry professionals and their insight. As a knowledge sharing Society, we ask that you consider submitting your research to the editor of the STGS so we can continue sharing new research with our community. We are always in need of new material to print, and we want the research you, the expert, have published.

There is no fee involved in submitting articles to publish. We prefer to print material that is centered around Texas, but as geologists we are interested in topics worldwide. Our Bulletin has gone digital, so we are no longer limited by page numbers. However we do prefer to print articles ranging from 10 to 60 pages in length. All images, graphs and tables should be included within the article upon submittal, or in a separate file with directions on image placement within the article. Sometimes page sizing and formatting changes from article to reprint, so the images may be moved in order to best fit, but we strive to maintain the integrity of the article and will place images nearest their reference with as few changes as possible.

Please encourage your graduate students to submit their research! Having a student's first paper be published in a state Bulletin is a huge triumph and should be celebrated. Our large audience will help introduce students' names to the scientific community, and is an excellent way to network with potential employers. Please, help us continue our work of sharing new geologic research by encouraging your publishing colleagues to submit their article to the South Texas Geological Society. Thank you.

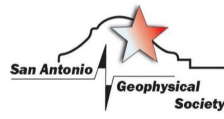
From the editor,

-Shelby Sckittone

shelbysckittone@yahoo.com

San Antonio Oil & Gas Industry Christmas Party

Hosted By:



THANK YOU SPONSORS!

TITLE

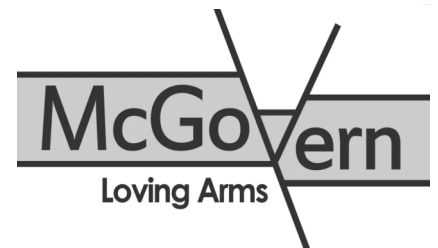


**Platinum
& Gold**



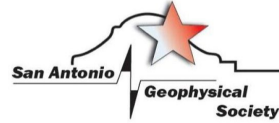
TESORO CONSULTING
OIL & GAS EXPLORATION

**Valor
Exploration
LLC**



San Antonio Oil & Gas Industry Christmas Party

Hosted By:

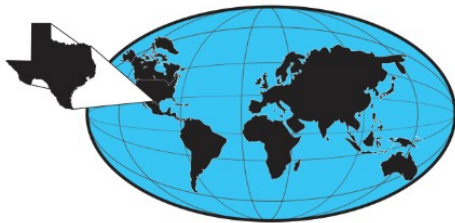


American Petroleum Institute

Christmas Party Sponsors

Silver & Bronze

THANK YOU SPONSORS!



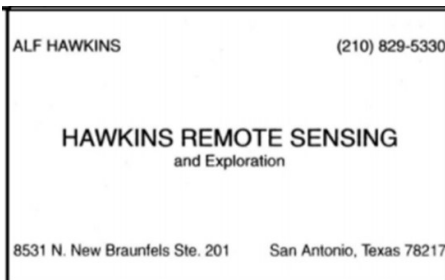
THUNDER EXPLORATION, INC.



LONG RIDGE RESOURCES LLC
Prospect Generation



WELDERXP LTD.



Additional thanks:

Bonnie Weise

SOUTH TEXAS GEOLOGICAL SOCIETY

Summary of Scholarships & Grants 2025

Below is a summary of the 2025 Research Grant and Scholarship Offerings from the STGS Charitable Trust



-
- **HAROLD D. HERNDON SCHOLARSHIP at TRINITY UNIVERSITY:** This scholarship is awarded on a competitive basis to Trinity Geoscience Majors. Recipient(s) will receive at least \$500 per semester on a continual basis (Fall and Spring semesters only) on the condition that they continue to meet scholarship requirements.
 - **GEORGE PINKLEY – EDWARD C. ROY, Jr. SCHOLARSHIP at THE UNIVERSITY OF TEXAS – SAN ANTONIO:** This scholarship is awarded on a competitive basis to UTSA Geoscience Majors. Recipient(s) will receive at least \$500 per semester on a continual basis (Fall and Spring semesters only) on the condition that they continue to meet scholarship requirements.
 - **GEOSCIENCE FIELD CAMP SCHOLARSHIP**
 - This field camp scholarship is awarded on a competitive basis to Geoscience student(s) at a Texas University who are attending summer Field Camp in Geology or Earth Science. This Scholarship is to be used towards Field Camp tuition and expenses only.
 - The Scholarship award is up to but no more than \$2,000.
 - **JONES-AMSBURY RESEARCH GRANT (Graduate Students Only)** This research grant is awarded on a competitive basis to candidates currently enrolled in graduate school at a Texas University who are conducting research toward a master's degree in Geology or Earth Science. The Grant award is \$2,000.
-

Instructions and Application Forms are included in this packet and can be downloaded

from the South Texas Geological Society website at www.STGS.org

See individual applications for submittal directions.

DEADLINE FOR ALL APPLICATION SUBMITTALS IS APRIL 1, 2025

SOUTH TEXAS GEOLOGICAL SOCIETY

**HAROLD D. HERNDON SCHOLARSHIP at TRINITY
UNIVERSITY, San Antonio, TX**

*APPLICATIONS FOR THE HAROLD D. HERNDON SCHOLARSHIP ARE
NOW BEING ACCEPTED*

This scholarship is awarded on a competitive basis to Trinity Earth and Environmental Geosciences majors. Eligible candidates must be enrolled at Trinity University and currently pursuing a degree in Earth and Environmental Geosciences with a minimum GPA of 3.0.

One candidate will be selected each academic year. In 2025, only one Incoming Junior will be chosen.

Recipient will receive at least \$500 per semester on a continual basis (Fall and Spring semesters only) on the condition that they continue to meet scholarship requirements.

This scholarship is awarded on a competitive basis and all applications will be reviewed by the Scholarship Committee of the South Texas Geological Society.

Instructions and Application Forms can be downloaded from the South
Texas Geological Society website at www.STGS.org

Applications should be sent to:

South Texas Geological Society Charitable Trust c/o Mark Norville, Blackbrush Oil & Gas
19026 Ridgewood Pkwy, Suite 220, San Antonio, TX 78259, or
emailed to Brenda.Gallegos@blackbrushenergy.com.

DEADLINE FOR APPLICATION SUBMITTAL IS APRIL 1, 2025

SOUTH TEXAS GEOLOGICAL SOCIETY

**HAROLD D. HERNDON SCHOLARSHIP at TRINITY
UNIVERSITY, San Antonio, TX**
APPLICATION FORM



Scholarship Requirements – Please make sure that you meet the following requirements before applying.

- Enrolled at Trinity University in San Antonio, TX
- Currently pursuing an undergraduate degree in Geology
- Currently have over a 3.0 GPA
- Incoming Junior or equivalent

Section One

Applicant's Name:

Address:

Phone (home or cell):

Email Address:

Advisor's Name:

Advisor's Email:

Section Two

Please answer Yes (Y) or No (N) to the following questions.

1. Are you a resident of the United States? _____
2. Are you over 17 years of age? _____
3. Have you ever been convicted of a felony or major crime? _____
4. Do you plan a career in some branch of geology? _____
5. If you answered yes to question 4, what branch? _____
6. What is your expected graduation date? _____
7. Please provide a statement below on your undergraduate experience in geology thus far and how you think it will help in future endeavors. *(All submitted work must be entirely your own, original creation and should not include any text generated by artificial intelligence tools like ChatGPT; any use of AI-generated content will not be considered.)*

Section Three

Please attach your most recent transcript to this application, a list of related extracurricular activities that you participated in, and at least three references.

Note:

- (1) Applications should be sent to: Mark Norville, Blackbrush Oil & Gas, 19026 Ridgewood Pkwy, Suite 220, San Antonio, TX 78259, or emailed to Brenda.Gallegos@blackbrushenergy.com. Must be received **by April 1**.
- (2) Awards of Scholarships will be made around May 15 of the application year. Recipients will be notified by phone, e-mail or letter as soon as possible thereafter.

SOUTH TEXAS GEOLOGICAL SOCIETY

**GEORGE PINKLEY – EDWARD C. ROY, Jr. SCHOLARSHIP at
THE UNIVERSITY OF TEXAS – SAN ANTONIO**

*APPLICATIONS FOR THE GEORGE PINKLEY – EDWARD C. ROY, JR. SCHOLARSHIP ARE NOW
BEING ACCEPTED*

Eligible candidates must be enrolled at The University of Texas – San Antonio and currently pursuing a degree in Geology (undergraduates only) with a minimum GPA of 3.0.

One candidate will be selected each academic year. In 2025 only, one incoming Junior and one incoming Senior will be chosen.

Recipients will receive at least \$500 per semester on a continual basis (Fall and Spring semesters only) on the condition that they continue to meet scholarship requirements.

This scholarship is awarded on a competitive basis and all applications will be reviewed by the Scholarship Committee of the South Texas Geological Society.

Instructions and Application Forms can be downloaded from the South

Texas Geological Society website at www.STGS.org

Applications should be sent to:

South Texas Geological Society Charitable Trust c/o Mark Norville, Blackbrush Oil & Gas

19026 Ridgewood Pkwy, Suite 220, San Antonio, TX 78259, or

emailed to Brenda.Gallegos@blackbrushenergy.com.

DEADLINE FOR APPLICATION SUBMITTAL IS APRIL 1, 2025

SOUTH TEXAS GEOLOGICAL SOCIETY

GEORGE PINKLEY – EDWARD C. ROY, Jr. SCHOLARSHIP at
THE UNIVERSITY OF TEXAS – SAN ANTONIO



APPLICATION FORM

Scholarship Requirements – Please make sure that you meet the following requirements before applying.

- Enrolled at The University of Texas – San Antonio
- Currently pursuing an undergraduate degree in Geology
- Currently have over a 3.0 GPA
- Incoming Junior or equivalent

Section One

Applicant’s Name:

Address:

Phone (home or cell):

Email Address:

Advisor’s Name:

Advisor’s Email:

Section Two

Please answer Yes (Y) or No (N) to the following questions.

1. Are you a resident of the United States? _____
2. Are you over 17 years of age? _____
3. Have you ever been convicted of a felony or major crime? _____
4. Do you plan a career in some branch of geology? _____
5. If you answered yes to question 4, what branch? _____
6. What is your expected graduation date? _____
7. Please provide a statement below on your undergraduate experience in geology thus far and how you think it will help in future endeavors. *(All submitted work must be entirely your own, original creation and should not include any text generated by artificial intelligence tools like ChatGPT; any use of AI-generated content will not be considered.)*

Section Three

Please attach your most recent transcript to this application, a list of related extracurricular activities that you participated in, and at least three references.

Note:

- (1) Applications should be sent to: Mark Norville, Blackbrush Oil & Gas, 19026 Ridgewood Pkwy, Suite 220, San Antonio, TX 78259, or emailed to Brenda.Gallegos@blackbrushenergy.com. Must be received **by April 1**.
- (2) Awards of Scholarships will be made around May 15 of the application year. Recipients will be notified by phone, e-mail or letter as soon as possible thereafter.

**SOUTH TEXAS GEOLOGICAL SOCIETY
GEOSCIENCE FIELD CAMP SCHOLARSHIP**



*APPLICATIONS FOR THE GEOSCIENCE FIELD CAMP SCHOLARSHIP
ARE NOW BEING ACCEPTED*

Eligible candidates must be enrolled in a Summer Geoscience Field Camp that is required in pursuit of a undergraduate degree in the geological sciences.

One or more candidates will be selected for the Summer Field Camp Scholarship.

Recipient(s) will receive up to but no more than \$2,000 to assist in the cost of Field Camp under the condition that the grant be applied to Field Camp tuition or direct expenses. Payment to the Field Camp for tuition is preferred. If this is unavailable, then proof of attendance is required.

This scholarship is awarded on a competitive basis and all applications will be reviewed by the Scholarship Committee of the South Texas Geological Society.

Instructions and Application Forms can be downloaded from the South
Texas Geological Society website at www.STGS.org

Applications should be sent to:

South Texas Geological Society Charitable Trust c/o Mark Norville, Blackbrush Oil & Gas,
19026 Ridgewood Pkwy, Suite 220, San Antonio, TX 78259, or
emailed to Brenda.Gallegos@blackbrushenergy.com.

DEADLINE FOR APPLICATION SUBMITTAL IS APRIL 1, 2025

**APPLICATION FOR A SCHOLARSHIP FROM THE
SOUTH TEXAS GEOLOGICAL SOCIETY CHARITABLE TRUST
SUMMER GEOLOGY FIELD PROGRAMS
SUMMER 2025**

- I. Applicant's Name: _____
- Address: _____
- Phone where you may be reached: _____
- College you now attend: _____
- Major & Geologic Emphasis: _____
- College Address: _____
- E-mail Address: _____
- Summer Field Program you plan to attend: _____
- Field Program Address: _____
- Field Program Contact Name: _____
- Field Program Contact E-mail: _____
- Estimated Cost of Field Program: _____

- | II. Please answer Yes or No to the following questions: | Yes/No |
|--|--------|
| (1) Are you a resident of the United States? | _____ |
| (2) Are you over 17 years of age? | _____ |
| (3) Have you ever been convicted of a felony or major crime? | _____ |
| (4) Do you plan a career in petroleum geology, mining, geophysics or any other branch of geoscience? | _____ |
| (5) Expected graduation date (month/year) | _____ |

III. (1) Please give a brief autobiography and discuss your scholastic record during the past four years. Please attach a transcript of your grades.

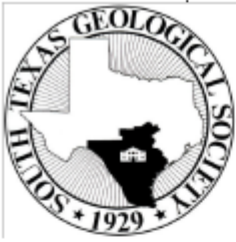
(2) References: Please list the names and email addresses of three persons not related to you, whom we may contact and who will verify your moral and ethical standards and your conduct. At least one person must be a teacher or advisor during your last year of study.

IV. Please briefly discuss your plan and level of study during the next college year, including the number of classes you propose to take for credit.

Note:

(1) Applications should be sent to: Mark Norville, Blackbrush Oil & Gas, 19026 Ridgewood Pkwy, Suite 220, San Antonio, TX 78259, or emailed to Brenda.Gallegos@blackbrushenergy.com. Must be received **by April 1**.

(2) Awards of Scholarships will be made around May 15 of the application year. Recipients will be notified by phone, e-mail or letter as soon as possible thereafter.



SOUTH TEXAS GEOLOGICAL SOCIETY

P. O. Box 17805, San Antonio, Texas 78217

Telephone 210.822.9092 - fax 210.822.7375

Jones-Amsbury Research Grant Committee for 2025:

Bradley Arnett, John Cooper, Rykley Crowe,

Mark Norville, Jack Sackrider

APPLICATIONS FOR THE 2025 JONES-AMSBURY RESEARCH GRANT ARE NOW BEING ACCEPTED

Eligible candidates are currently enrolled in graduate school at a Texas University and are conducting research toward a master's degree in Geology or Earth Science.

Student Research must be applicable to some aspect of Texas Geology.

\$2,000 per grant will be awarded in May 2025.

Research findings to be published in the Bulletin of the South Texas Geological Society.

The Research Grants are awarded on a competitive basis and all applications will be reviewed by the Jones-Amsbury Research Grant Committee of the South Texas Geological Society.

Instructions and Application Form can be located on the web site of
the South Texas Geological Society

www.stgs.org

DEADLINE FOR APPLICATION SUBMITTAL IS APRIL 1, 2025

STGS Jones-Amsbury Research Grant

Texas Universities That Offer Master of Science in Geology Degree

Baylor University

Rice University

Southern Methodist University

Stephen F. Austin State University

Sul Ross State University

Texas A&M University

Texas A&M University - Kingsville

Texas Christian University

Texas Tech University

University of Houston

UT-Austin

UT-Arlington

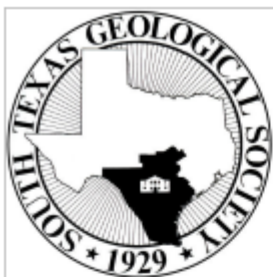
UT-Dallas

UT-El Paso

UT-San Antonio

UT-Permian Basin

UT-Rio Grande Valley



APPLICATION FOR THE 2025 JONES-AMSBURY RESEARCH GRANT

NAME: _____

EMAIL ADDRESS: _____

PHONE (HOME or CELL): _____

GRADUATE SCHOOL YOU ARE CURRENTLY ENROLLED IN: _____

DEGREES YOU CURRENTLY HOLD, AND THE YEAR AND SCHOOL YOU RECEIVED IT/THEM
FROM: _____

TITLE OF PROPOSED RESEARCH PROJECT: _____

NAME AND EMAIL ADDRESS OF RESEARCH ADVISOR: _____

PREPARE A WRITTEN PROPOSAL OF YOUR INTENDED RESEARCH PROJECT. THIS SHOULD BE 2 TO 4 PAGES IN LENGTH AND, IN ADDITION TO A DESCRIPTION OF THE PROJECT, INCLUDE ANTICIPATED EXPENSES AND LIST OF GRANTS/FUNDING ALREADY RECEIVED. *(All submitted work must be entirely your own, original creation and should not include any text generated by artificial intelligence tools like ChatGPT; any use of AI-generated content will not be considered.)*

SEND THE FOLLOWING TWO ITEMS BY EMAIL TO THE ADDRESS LISTED.

1. THIS 2-PAGE APPLICATION FORM.
2. YOUR WRITTEN RESEARCH PROPOSAL.

ARRANGE FOR YOUR FACULTY RESEARCH ADVISOR TO EMAIL DIRECTLY TO THE ADDRESS BELOW A LETTER OF ENDORSEMENT. THIS IS NOT TO BE SENT IN BY THE APPLICANT.

ALL APPLICATIONS MUST BE RECEIVED BY THE DEADLINE OF APRIL 1, 2025.

ALL CANDIDATES AGREE THAT IF THEY ARE AWARDED THE JONES-AMSBURY RESEARCH GRANT, THAT UPON COMPLETION OF THEIR RESEARCH, THEY WILL SUBMIT A WRITTEN SUMMARY OF THEIR RESEARCH FINDINGS FOR PUBLICATION IN THE BULLETIN OF THE SOUTH TEXAS GEOLOGICAL SOCIETY.

SIGNATURE OF CANDIDATE _____ DATE _____

SEND ALL APPLICATIONS BY EMAIL TO:

BRADLEY ARNETT (barnett@gulftexenergy.com)

SUBJECT LINE – JONES-AMSBURY CANDIDATE

SOUTH TEXAS GEOLOGICAL SOCIETY HAPPY HOUR

**AT LUCY COOPER'S TX ICE HOUSE
16080 SAN PEDRO AVE, SAN ANTONIO, TX 78232**



Thursday,
February 20th



6-10 PM

Join your geologic society around the fire pit at Lucy Cooper's this week for our monthly Happy Hour! This month the South Texas Geological Society is sponsoring your drinks (*to an extent!*)

These Happy Hours are a great way to catch up in an informal setting after normal working hours. New members and students are encouraged to attend! We'd love to see you, brave the cold and come on by!

"What better way to become a good geologist than to drink beer with great geologists?"
-Someone smart, probably





Wichita Paleoplain Field Trip lunch menu

A. Goat Cheese and Fig Compote 14

A velvety blend of creamy goat cheese and sweet fig compote, spread generously over golden toasted crostini. Each bite offers the perfect balance of tangy, rich cheese and the natural sweetness of ripe figs. This elegant appetizer is irresistibly flavorful, a true symphony of textures and tastes.

B. Smoked Red Pepper Gouda Soup 10

A rich and silky soup featuring the deep, smoky flavor of fire-roasted red peppers blended with creamy, melted Gouda. Each spoonful offers a warm, savory depth with a subtle hint of sweetness, perfectly complemented by soft, freshly baked flatbread for dipping. A comforting dish with an irresistible, gourmet flair. *Available Fri - Sun Only*

C. * Add 1/2 Sandwich 12

Tender, smoked turkey layered with creamy provolone cheese and thinly shaved red onion, brought to life by a tangy-sweet cranberry apple spread. Served on perfectly toasted or untoasted sourdough bread, this sandwich offers a delightful balance of savory, creamy, and bright flavors in every bite. *Available Fri - Sun Only*

D. Basil Pesto and Roasted Tomato Flatbread Pizza 16

A crisp, golden flatbread layered with basil pesto, a trio of shredded mozzarella, parmesan, and romano cheeses. Roasted tomatoes add a burst of sweetness, while a sprinkle of Italian seasoning ties the flavors together for a perfectly balanced, rustic delight.

Practically big enough for two

E. Pepperoni Artisan Flatbread Pizza 13

A perfectly crisp flatbread base topped with rich pizza sauce, a blend of shredded mozzarella, parmesan, and romano cheeses. Sliced savory pepperoni, while a sprinkle of Italian seasoning enhances the flavors for a satisfying, classic pizza experience.

Practically big enough for two

F. Classic Charcuterie Slate 20

A classic assortment of meats and cheeses with nuts and fruit. Served with crackers and fruit spread.

**Gluten Free Crackers Available Upon Request*



STGS CRAWFISH BOIL ADMISSION PRICES ALL YOU CAN EAT & DRINK

Thursday, April 24 | 4 - 8 pm | Koehler Pavilion at Brackenridge Park

Early Bird Admission

\$35

Valid Through March 23, 2025
✦ Includes 1 Raffle Ticket! ✦

Student Admission

\$25

Kids Admission

FREE

Register Here

**Don't Miss
the Raffle!**

\$5
per Ticket





STGS CRAWFISH BOIL SPONSORSHIP OPPORTUNITIES

Thursday, April 24 | 4 - 8 pm | Koehler Pavilion at Brackenridge Park

BRONZE SPONSOR **\$ 1,000**

- General Sponsor Poster Recognition
- 2 Complimentary Guests



SILVER SPONSOR **\$ 1,500**

- Bar Sponsor Recognition
- 3 Complimentary Guests



GOLD SPONSOR **\$ 2,000**

- Food Sponsor Recognition
- 4 Complimentary Guests



PLATINUM SPONSOR **\$ 2,500**

- Food Sponsor Recognition
- 5 Complimentary Guests




Sponsor Here





GEOGULF2025

GCAGS/GCSSEPM | Nacogdoches, TX
Annual Conference | April 6-8, 2025

Where It All Started:

Reconnect with roots of Gulf Coast energy

Explore old and new energy resources

www.geogulf2025.org

Exhibitor Booths & Sponsorships still available

Hosted By:



The GeoGulf 2025 Technical Program is Taking Shape!

Abstract submissions have officially closed, and Kurt Ley and his crew are now into the review process. Let me just say—the technical program for this year is shaping up to be absolutely outstanding! With over 100 presentations lined up, this will be one of the strongest programs we've seen in recent years, featuring incredible work from researchers, professionals, and students from across the geoscience community.

We are so excited to welcome everyone to Nacogdoches, TX this April for GeoGulf 2025. None of this would be possible without the amazing support and contributions of the geoscience community—thank you for making this event truly special!

Stay tuned for the full program announcement coming later this month—we can't wait to share what's in store! We will be featuring presentations until the conference.

Counting down the days until Nacogdoches! Exhibitor booths and sponsorship opportunities are still available!

-Julie Bloxson

Bloxsonjm@sfasu.edu



GSA Connects 2025
19-22 October
San Antonio, Texas, USA

<https://community.geosociety.org/gsa2025/home>

Call for Proposals: GSA Connects 2025

19-22 October 2025 | San Antonio, Texas, USA

Where Innovation Meets Inspiration

GSA Connects 2025 is more than just a meeting—it's where the geoscience community comes together to innovate, inspire, and shape the future of the field. Whether you're looking to advance your career, discover the latest research, or connect with peers from around the globe, GSA Connects provides unparalleled opportunities to learn, grow, and make a lasting impact. Join us and be part of the movement driving geoscience forward.

Official Themes for 2025: "Energy and Resource Innovations in the 21st Century," "Geology without Borders," and "From Earth to the Cosmos: Geoscience Beyond Our Planet"

Lead a Field Trip

Proposal deadline: 31 Jan. 2025

Connect and network with colleagues who share your research interests and passions by leading a field trip.

Trips can be anywhere from a half day to 3 days long and proposals may be submitted by anyone.

Chair a Technical Session

Technical Session deadline: 31 Jan. 2025

Present your evidence-based knowledge to a large international audience by organizing and chairing

Submit a Short Course

Proposal deadline: 31 Jan. 2025

Gain recognition as an expert in your topic of research as an instructor of a short course.

Courses run the Friday and Saturday before the meeting and are typically a half day to two full days. Both online and in-person proposals are sought.

SPEAKER: Kelly Hattori

TOPIC: Reservoirs of the Pettet Formation seen through a stratigraphic lens: Influence of lithologies, sea level fluctuations, and shelf architecture on production trends in Rusk County, East Texas

WHEN: Wednesday, February 12th, 11:30am-1pm

WHERE: Petroleum Club, 8620 N New Braunfels Ave, San Antonio, TX
78217 Suite #700



Kelly Hattori

BIOGRAPHY

Kelly Hattori is a carbonate stratigrapher in the State of Texas Advanced Resource Recovery (STARR) research group at the Bureau of Economic Geology. She holds a M.S. degree in Geosciences from the University of Texas at Austin and dual B.S. degrees in Geology and Marine Biology from the University of North Carolina at Wilmington. She has worked as a researcher at the Bureau of Economic Geology since 2017. Her early research interests focused on sequence stratigraphy and paleoecology of coral reef systems, particularly with respect to global and local ocean perturbations such as ocean anoxic events and ocean acidification. She now broadly works on carbonates of the Cretaceous Gulf Coast and the Greater Permian Basin, with a focus on unique systems such as mixed carbonate-siliciclastic shallow marine environments, post-perturbation recovery patch reef complexes, halokinetic carbonate systems (salt-sediment interactions), and drowned platforms.

Topic: Reservoirs of the Pettet Formation seen through a stratigraphic lens: Influence of lithologies, sea level fluctuations, and shelf architecture on production trends in Rusk County, East Texas

Abstract:

The Early Cretaceous (Barremian-Aptian) Pettet Formation of East Texas was deposited as part of a shallow-water tropical carbonate system on the giant Comanche Platform of the northern Gulf of Mexico. It consists of mainly muddy green algae-rich platform interior carbonates punctuated by skeletal-oolitic shoals, which fringed topographic highs in shallow, high-energy depositional settings. The Pettet Formation is broken up into four subunits (Pettet A, B, C, and D), each of which represents a high-frequency sequence (HFS). Within the framework of these sequences, mapping of shoal distribution uncovers progradational and retrogradational patterns both at a larger (composite) and finer (inter-HFS) scale. In Rusk County, East Texas, the Pettet B and C shoal intervals span a large portion of the county, and are commonly targeted for hydrocarbon production. Despite fairly similar shoal facies composition, comparison of hydrocarbon production data from the two intervals reveals that the Pettet B is consistently a better performer than the Pettet C, with a calculated 160% better oil production (mean cumulative production per well of 29,235 bo versus 18,645 bo) and 220% better gas production (mean cumulative production per well of 102,232 mcfg versus 46,551 mcfg). This study examines different factors that influenced the reservoir quality of the Pettet B and C intervals from a geologic perspective, including differences in facies, shoal architecture, timing of deposition, diagenesis, and present-day structure.



Future Meeting Speakers

March 12th Bob Loucks

April 9th Scott Lapierre

May 15th Scott Tinker

Directory

of Board Members

Last	First	Office	Phone Number	Email
Officers 2024-2025				
Cooper	John	President	210-438-2955	jcgolf.cooper@gmail.com
Balzen	Alyssa	Past-President		
Sackrider	Jack	President-Elect		jsackrider@westwardenv.com
Quade	Tyler	Vice President		quadetyler@yahoo.com
Younger	Michael	Secretary		mayexpl@yahoo.com
Hughes	Mary	Treasurer		mhughes.geology@gmail.com
Besanceney	Jason	Treasurer-Elect		jasonbesanceney@gmail.com
Sckittone	Shelby	Editor		shelbysckittone@yahoo.com
Schindel	Geary	Exec. Com.		tablechair1492@gmail.com
Andrade	Roger	Exec. Com.		randrade343@gmail.com

Directory

of Committee Members

Office	Name	Phone	Email
Community Inv. Committee Chair	John Casiano		johncasiano39@gmail.com
Advertisement Committee Chair	<i>position open</i>		
Field Trips Committee Chair	John Long	210-862-2266	johnlonggeologist@gmail.com
AAPG Delegate	Steve Shirley	snlshirley@yahoo.com	
AAPG Delegate	John Casiano	johncasiano39@gmail.com	
Webmaster	Shelby Sckittone	832-814-7188	shelbysckittone@yahoo.com
Nominating Chair	John Long	210-276-0318	johnlonggeologist@gmail.com
Legacy Committee	Bonnie Weise	210-402-0957	bweise1@sbcglobal.net
Inter-Society Liaison	Alf Hawkins	210-829-5330	hawkinsalf@hotmail.com
Christmas Party	STGS Board		
Scholarship Committee	Bradley Arnett	210-402-9600	barnett@gulftexenergy.com
	Mark Norville	210-495-5577	mark.norville@blackbrushenergy.com
	Rykley Crow	208-871-7395	rykleyc@hurjenterprises.com
	David Clay	210-824-3100	david@craatx.com
	John Cooper	210-438-2955	jcgolf.cooper@gmail.com
Jones-Amsbury Grant	Mark E. Thompson	210-415-3508	oilmanmet@yahoo.com
AAPG Liaison	Tom Ewing	210-494-4526	tewing@frontieraexploration.com
Secretarial Services	Laura Thomas	210-822-9092	lauraanddoreen@gmail.com
Accountants	Gibbons, Vogel & Company	210-826-4347	