



*Proposed STEM Education Center
North View
Rendering by RWA*

Expanding STEM Education

"There is a growing appreciation that Americans learn most of what they know about science outside of school. Institutions like science museums play an important part in that."

"The promotion of education and the cultivation of conversations that are taking place in museums across the nation shape and strengthen our neighborhoods."

"The holy grail of science museums is not to provide someone all the knowledge they need, but to inspire them, to become a launching point." – John Falk, OSU professor

The Petroleum Museum has indeed become a "launching point" for STEM education for our community. The addition of highly technological exhibits in 2016 allowed the Museum to move more strongly into the areas of science and technology education. Robotics programs, STEM classes and Energy trunks all help students in our community to experience science in new and innovative ways. Programs like STEM Gems encourage junior high girls to explore the sciences.

With a vision to inspire an understanding of and a passion for science for visitors of all ages, the Petroleum Museum is embarking on its newest venture – the construction of a new STEM Education Center to be located on the Museum's grounds. This addition will provide much needed space for the Museum's growing education programs. The 3,000-square-foot building will house a larger education classroom, workspace for educa-

tion staff, additional storage, and a "science" kitchen. The 5,000-square-foot covered patio will provide quality community outdoor space with seating, interactive exhibits and a garden featuring vegetables and native plants.

The \$6 million project will be an important addition to our community for both quality of life in the Permian Basin and as schools look for new ways to engage students in the sciences. We are very pleased and encouraged with a significant lead gift from the **FMH Foundation** and a significant gift from the **Wayne and JoAnn Moore Foundation** to kick off this endeavor. If you would be interested in visiting with us about becoming a part of this great project, please call the Museum 432-683-4403 or email **Luanne Thornton** at lthornton@petroleummuseum.org. Come be a part of something great for the Permian Basin!

Be a part of new STEM Education Center
Contact Luanne Thornton
lthornton@petroleummuseum.org



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**Permian Basin
Petroleum Museum,
Library and
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...exploration,
innovations
and legends...**

Volunteer

Liberty Backs STEM Center

Financial advisor **Joe Liberty's** passion for the Petroleum Museum started a quarter century ago when he was asked to manage the facility's endowment fund. Recently, as a board member, he helped the museum in applying for and receiving the FMH Foundation \$1 million grant for a new STEM (Science, Technology, Engineering and Math) Education Center.

The longtime Midlander is sandwiched between generations involved in the petroleum industry. His grandfather was a nitro shooter. Today, Liberty watches his three granddaughters working in the industry as engineers and in other technological fields.

"I believe that for us (United States) to be competitive in the future we have to turn out more engineers and, hopefully, more female engineers. I am amazed at the job my granddaughters are doing," he said. "I've had a historical love for the oil industry."

When the concept of expanding the Education Wing to focus on STEM was introduced, Liberty hopped on board with vocal and monetary support. He was part of the group that attended the FMH Foundation grant hearing and noted the executive director "was blown away we would take the time off to do that." The Foundation provided the lead gift of the campaign with a \$1 million grant.

Through its many programs for people of all ages, Liberty said the Museum performs an educational service for the community and beyond. "It shows the technological importance of engineers, geophysicists and others who make the energy business run correctly," he said. "One of my passions is to help them get that story out in the community more."

The new STEM Education Center will turn that passion into reality.

World of Engineering Opens Girls' Eyes

XTO Energy hosted about 45 local middle school girls for "Introduce a Girl to Engineering Day" at the Museum on April 18. The girls learned about engineering as a career through tours of the Museum, speakers, and activities. A study by the Society of Women Engineers says only 13 percent of engineers in the U.S. are women.



XTO Energy provided strong female role models to talk with these girls about opportunities in engineering.



Meeting The Pros

Luanne Thornton, top row, far right, is shown in San Antonio at the International Association of Fundraising Professionals Conference with members of the Permian Basin AFP chapter.

Drillers Returning for Basin Burnout



The Permian Basin Association of Directional Drilling (PBADD) is excited to announce its fourth annual Permian Basin community event "Basin Burnout" Amateur BBQ Cook-off Competition and Music Festival www.basinburnout.com at the Permian Basin Petroleum Museum in Midland on September 14. There will be plenty of fun for the entire family, including great food from competition level BBQ pit masters, live country music and kids' activities. An auction and raffle will be held to support our local heroes.

Basin Burnout is honored to support and benefit Reel Thanx, Show of Support, Hunt for Heroes and the Petroleum Museum. Support your local heroes by listening and tasting the best of the Basin! Visit www.basinburnout.com for ticket information!

September 14

**Basin Burnout
Museum Grounds**

**Benefits
Reel Thanx
Show of Support
Hunt for Heroes
Petroleum Museum**

Chaparral 2K Heading to San Angelo

On September 28, 2019, the Chaparral 2K will head to the Texas Goodyear Proving Grounds located near San Angelo to celebrate the 75th anniversary of Goodyear. The car will be showcased during a one-day Open House for employees, family and invited guests.

Johnny Rutherford drove Jim Hall's 2K to victory in the Indianapolis 500 on May 25, 1980...on Goodyear tires. If you are interested in attending this event, please contact **Kathy Shannon** at 432-683-4403 or email kshannon@petroleummuseum.org.



September 28

**Texas Goodyear
Proving Grounds
San Angelo, TX**

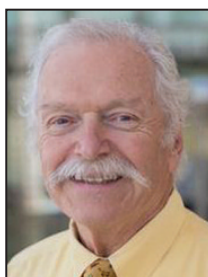
Pioneers Reunion To Honor Three Men



Jim Henry



Steve Melzer



Robert Trentham



October 4

**Petroleum
Pioneers
Reunion,
Celebration**

**Honoring:
Jim Henry,
Steve Melzer,
Bob Trentham**

The Petroleum Pioneers will host its 30th Biennial Celebration and Reunion on Friday, **October 4**, at the Museum. Held every other year, the reunion brings together industry professionals for programs, awards and fellowship. Petroleum Pioneers membership is open to those who have worked in the petroleum industry for 20 or more years.

This year's Top Pioneer award will honor **Jim Henry**, "father of the Wolfberry." The Pioneers' Engineering and Technology award will go to the team of **Steve Melzer** and **Bob Trentham** for their work in CO₂, enhanced oil recovery and residual oil zones.

To join the Petroleum Pioneers and for more information about the reunion, contact Jeff Sparks, Chairman, at 432-789-1206 or jsparks@discoveryoperating.com.

Keeping Minds Active During the Summer

Sprouts Grow Into Fall Classes



The Museum's Education Staff is gearing up for a summer full of science and fun! We will kick off the summer with STEAM Sprouts Mini Camps for students ages 4 and 5. Mini Camps will feature hands-on investigations, engineering, and creative activities. Mini Camps are also designed to help students develop 21st century skills including critical thinking, problem solving, communication, and collaboration.

STEAM Sprouts *Learn to Code* was held May 29-30 and engaged students in hands-on investigations into the world of coding. Students learned basic coding skills with our LEGO Coding Express kits and explored concepts such as sequencing, looping, and conditional coding.

STEAM Sprouts *Goes Camping* will be held June 5-6 and will encourage students to explore topics such as geometry, graphing, and the properties of materials through the world of camping.

There are two camp options; one from 9:30 to 11:00 a.m. and another from 12:30 to 2:00 p.m. The cost for Petroleum Museum members is \$40 and \$50 for non-members. STEAM Sprouts is generously sponsored by **Occidental Petroleum**. Be sure to register your Sprout at www.pbpetro.org! STEAM Sprouts programming will continue into the 2019-2020 school year with six-week sessions held on Mondays from 9:30 to 10:30 a.m. and 11:30 a.m. to 12:30 p.m. Programming will feature hands-on investigations into the world of Fairy Tale STEAM. Pre-registration will be required.



Occidental Petroleum

Movie Maker Mondays

On the first and third Mondays of June and July, we will host our Movie Maker Mondays that will feature a movie, popcorn, hands-on engineering challenges, and games! Movie Maker Mondays are for students ages 6 to 12 and will be held from 1:00 to 5:00 p.m.

This summer's lineup includes "The Incredibles 2," "Hotel Transylvania 3," "How the Grinch Stole Christmas," and "Ralph Breaks the Internet." The cost is \$10 for Petroleum Museum members and \$15 for non-members. Movie Maker Mondays are generously

sponsored by **Apache Corporation**. Pre-registration is required. Be sure to register online today at www.pbpetro.org!



Summer Science Camps

We will continue this science-packed summer with Summer Science Camps for students ages 6 to 8. Three camps will be held during the month of June for this age group and will feature hands-on experiments, engineering challenges, and creative activities centered around **Robotics, STEM Art, and Tinkering**.

Robotics camp will be held on June 12-14 from 9 a.m. to 12 noon. Students will utilize our new KUBO Robotics equipment along with LEGO WeDo 2.0 kits and Osmos to explore the world of coding. STEM Art camp will be held on June 19-21 from 9 a.m. to 12 noon. During this camp students will explore creative ways to integrate art into Science, Technology, Engineering, and Math (STEM). Students will experiment with different robotic designs, chemical reactions, forces, and motion to create art in an innovative way. Tinkering camp will be held on June 26-28 from 9 a.m. to 12 noon.

Continued on Page 5



Sign Up for a Summer of Exploration

Continued from Page 4

Young tinkering minds will explore the world of STEM through hands-on engineering challenges designed to give students the opportunity to build skills and a love for problem-solving and experimentation. Summer Science Camps are generously sponsored by **Apache Corporation**. These Summer Science Camps are currently full with a waiting list. Register for the waiting list today at www.pbpetro.org.

During the month of July, the Museum will host two camps for students ages 8 to 12. *Robotics* camp will be held July 8-11 from 8

a.m. to 12 noon. Students will explore the world of coding and STEM through team building activities, engineering challenges, and creative robotic design. We will be utilizing our new TETRIX Prime Robotics equipment along with our Osmos, Ozobots, and Spheros. *Science Behind Sports* camp will be held July 22-25 from 8 a.m. to 12 noon. Students will explore topics such as scientific method, probability, strength, engineering, and more through the intriguing world of sports. Pre-registration is required. The cost for Petroleum Museum members is \$80 per student and \$100 for non-members. Camps are filling up quickly so be sure to register your young engineer today at www.pbpetro.org!



Family Science Night: “Kitchen Science” 6:30 to 8 p.m. Thursday, September 12, 2019

Channel your inner kitchen scientist on Thursday, September 12, from 6:30 to 8 p.m. at our Kitchen Science Family Science Night. Explore the world of food science through hands-on, tastebud-activating experiments, demonstrations and creative activities that help explain the science behind food and cooking. Take a candy core sample, experiment with making your own ice cream, create grape invisible ink, and make edible slime!

Museum members enjoy the added bonus of early admission from 6 to 6:30 p.m. We would like to extend a special “thank you” to **Chevron** for making this FREE delicious night possible!



Mark Your Calendars for Upcoming 2019-2020 Family Science Nights

Thursday, October 31, 2019
Spookology

Thursday, January 23, 2020
Science of the Ages

Thursday, April 30, 2020
Science Does a Body Good

Meet Pepper, the French Lop Rabbit

Help us welcome our newest addition to the Museum’s Critter Corner, **Pepper the French Lop rabbit**. French Lops are believed to have been bred using an English Lop and a French Butterfly rabbit. They are a large rabbit breed with short, straight front legs and hind legs that run parallel to the body. Their ears are usually 5-8 inches long and hang just below the jaw. They have a thick body and a large head with a wide forehead and chubby cheeks. A French Lop’s diet consists mostly of hay along with pellets, fruits, vegetables, and leafy greens. These giant bunnies need plenty of space to roam as well as a larger enclosure to sleep. Be sure to stop by the Education Hall at the Petroleum Museum to meet our newest fur baby!



Distinguished Lecturer: *Dr. Fredrik Hiebert*

Even though he has discovered valuable artifacts, **Fred Hiebert** is quick to note, “*We don’t actually search for treasure. We search for knowledge—that’s our real gold.*”

Hiebert will be the Arlen Edgar Distinguished Lecturer at the Museum at 7 p.m. on September 24. This educational presentation is sponsored by the **Abell-Hanger Foundation**.



Enthusiastic about bringing educational experiences to the public, Hiebert’s search for knowledge led him to research field archaeology, which has taken him all over the world. Hiebert defines geography as the ability to identify regions and put them in context – in terms of conflict, history, and culture. After earning a Ph.D. from Harvard University, he spent 10 years as professor at the University of Pennsylvania before joining the National Geographic Society as its archaeology fellow. Hiebert has searched for human history in

some of the world’s most remote and romantic places. An expert on the ancient Silk Road, he has excavated sites along this millennium-old link between Europe and East Asia. Following this trade route led him to Afghanistan, where in 2004 he identified the Bactrian gold, a trove of Silk Road-era artifacts lost during Afghanistan’s decades of cultural upheaval. He has played a key role in recovering that country’s endangered cultural heritage, most recently by curating a traveling exhibition called “*Afghanistan: Hidden Treasures From the National Museum, Kabul.*”

This is a free event but please make reservations by calling 432-683-4403 or reserve online at pbpetro.org.

Plan Ahead for Monthly BBLs

TUESDAY, JUNE 11

“*Treasures of the Earth: Gems*”

A 54-minute NOVA Documentary
Gemstones, precious metals and power are building blocks of civilization. But how are they created? The story of how these gems were created goes back billions of years.

TUESDAY, JULY 9

UTPB Dean of College of Engineering George Nnanna, Ph.D. will talk about the new College of Engineering Building opening in the fall of 2019 and the engineering students who will study there.

TUESDAY, AUGUST 13

Steve Melzer, Geological Engineer and Consultant. He will explore CO₂ Enhanced Oil Recovery.

All Brown Bag Lunch & Lectures are free and start at 11:30 a.m. at the Museum. Drinks and dessert are provided. Thank you to our sponsors: **Norma J. McGrew & the Hahl Proctor Charitable Trust, Bank of America, N.A., Trustee**

ASK Dr. Petro

Pumpjacks. Pumping Units. What’s the Difference?



Of the approximately one million oil and gas wells producing in the world, roughly 5 percent flow naturally — leaving most of the world’s oil and gas production reliant on efficient artificial lift operations.

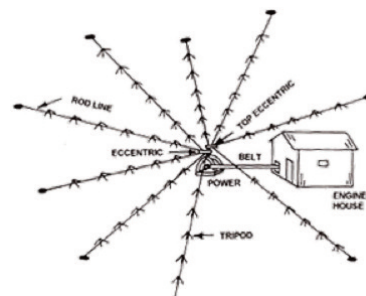
The West Texas landscape is dotted with an array of artificial lift devices. We commonly refer to all of these as pumpjacks. However, it was the mission of a dedicated long-time Museum volunteer, **Ron Parks**, to shed light on the difference between a pumpjack and a pumping unit.

In early days, pumpjacks worked by rod lines running horizontally above the ground to a wheel on a rotating wheel in a mechanism known as central power to which they were connected via rod lines. The central power, which might operate a dozen or more pumpjacks, would be powered by a steam or internal combustion engine or by an electric motor. Among the advantages of this layout was having one motor to power all the pumpjacks rather than individual motors for each. However, one of the many difficulties was maintaining system balance as individual well loads changed.

Modern conventional and beam-balanced pumping units are powered by a prime mover by using the optimal artificial lift method at each stage of production. This is commonly an elec-

tric motor, but internal combustion engines are used in isolated locations without access to electricity. Common off-grid pumping unit engines run on natural gas, often casing gas produced from the well, but many have been run on many types of fuel, such as propane and diesel fuel, and even solar panels.

In memory of Ron Parks 1938 – 2019



Source: *Oil History* by Samuel T. Pees
www.petroleumhistory.org



The Museum’s Collection of Pumping Units was first assembled under the watchful eye of Arthur Dinsmoor, circa early 1990s.



The Bullock Museum in Austin serves as Texas' state history museum. They are currently renovating the petroleum section of the museum. The mission of the new exhibit area is to tell the story of Texans at the forefront of the

oil and gas industry and how that industry fuels our world. The Petroleum Museum is proud to be working with the Bullock to identify objects from our Museum that will help tell that story.

The Bullock opened in 2001 as the official history museum of the State of Texas and works to engage the broadest possible audience to tell the continually unfolding Story of Texas. Being a non-collecting museum, all of the Bullock's 700+ artifacts currently on display are borrowed from other museums, private collectors, state agencies, and historical sites. Since its opening in 2001, the Bullock has displayed over 7,500 artifacts from more than 1,000 lenders including the National Archives, National Air and Space Museum, the Library of Congress and the Petroleum Museum.

With the Petroleum Museum's large collection of oil and gas artifacts, representatives from the Bullock have already made several visits to obtain a better understanding of the industry and our collection. As they craft the story their museum wants to tell, the Petroleum Museum will be here to help bring that story to life.

Minerals

Fluorite with Quartz

This large stunning specimen is currently on loan to the Petroleum Museum from James Gibbs, Dallas. The green fluorite, combined with quartz, is a beautiful example of fluorites from the Taolin Mine in southeastern China. This mine contains one of the largest reserves of fluorite in China. Fluorite comes in many colors and is known for its fluorescence under ultraviolet light. Industrially it is used as flux for smelting and in the production of certain glasses and enamels.

Quartz is the second most abundant mineral in the Earth's crust and its many varieties, some occurring as semi-precious stones, has been used since antiquity in the making of jewelry and carvings.

If you haven't been by and taken some quiet time among some of nature's most beautiful art, stop by soon to see this and many other minerals on display.



***Fluorite with Quartz
Taolin, Hunan Province
On Loan from
James A. Gibbs
Dallas, TX***

Gem Appraisal Back on Calendar

We are excited to reschedule our **Discovering Hidden Treasures** event for November 19! **Thomas Elliott** comes to the Petroleum Museum with 30 years of experience in the jewelry industry spanning different facets of sourcing, identifying, valuing, production and sales. Tom's love of jewelry and all things gem related is fueled by a desire to share with customers unique, never-seen or rarely commercialized gems.

The event is loosely based on *Antiques Roadshow* with a discussion about gem and mineral makeup. If you have vintage jewelry or gems that need to be verified and/or appraised, you are encouraged to bring them. Guests also will be able to schedule formal appraisals by Tom in his studio at a later date. This is a free event, but we need reservations to help us plan. Call the Museum at 432-683-4403 for more information

With Each Smile, Your Dollars Go to Museum

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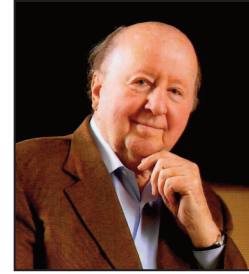
On your first visit to AmazonSmile **smile.amazon.com**, you need to select the Permian Basin

Petroleum Museum to receive donations from eligible purchases before you begin shopping. They will remember your selection, and then every eligible purchase you make at smile.amazon.com will result in a donation. As of February 2019, Amazon has donated \$124,651,081.04 to over one million charities.

To get started just visit **www.smile.amazon.com**. Let's get shopping and support the Petroleum Museum!



Four Honored At Petroleum Hall of Fame



Inducted into the 2019 Petroleum Hall of Fame were, from left, Robert C. Bledsoe, L.D. "Buddy" Sipes, Jr., and Arlen L. Edgar. The fourth honoree was the late George P. Mitchell, shown above.

Wildcatter

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In honor of Arlen Edgar
In memory of Jack E. Blake
Margaret Purvis Minerals, L.P.
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Society of Petroleum
Engineers, Permian Basin
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Tighe Family
*In honor of the lifelong
friendship of Robert C.
Bledsoe & Charlie Tighe*

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Cocktail Reception

Cotton, Bledsoe, Tighe & Dawson, PC
In honor of Robert C. Bledsoe
Diamondback Energy
JoAnne & Don McClurg

Decorations

Janet & Corby Considine
In honor of Robert C. Bledsoe
In honor of Arlen Edgar
Cotton, Bledsoe, Tighe & Dawson, PC
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Program

Cotton, Bledsoe, Tighe & Dawson, PC
In honor of Robert C. Bledsoe
Laurence Gilmore
Maddox Oil Properties
In honor of Arlen Edgar
In honor of L.D. "Buddy" Sipes, Jr.

Video/Sound

Kennedy Minerals, Ltd.
In honor of Robert C. Bledsoe
In honor of Arlen Edgar

Event Attracts Hundreds



Representing the late George Mitchell at the dinner was Marilu Hastings.



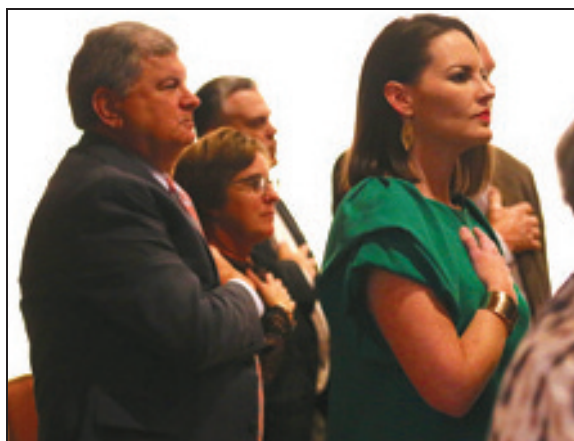
Enjoying the social hour were Nancy Anguish and Tim Thompson.

The 2019 Petroleum Hall of Fame biennial event was a memorable evening celebrating the achievements of Robert C. Bledsoe, Arlen L. Edgar, George P. Mitchell, and L.D. "Buddy" Sipes, Jr. The Petroleum Hall of Fame is dedicated to those who cherish the freedom to dare, and whose work and service helped develop the Permian Basin. On May 2, more than 500 people were present to honor and recognize these distinguished leaders and visionaries in the petroleum industry and community.

We are most grateful to those who supported this event. It is through your generosity that we are able to share the petroleum and energy story and its impact on our lives.



Guests mingled during the social hour before the event, left, and later enjoyed the dinner and award presentations, above.



Claire & Jim Woodcock



Pam & Bob Leibrock

Enjoy Benefits Throughout the Year

No time like the present to join or renew Museum membership! Museum membership has many perks beginning with free admission and store discounts. To become a member, log on to our secure website at **www.pbpetro.org** or contact Luanne Thornton at 432-683-4403.

Welcome to our newest and renewed members of the Museum as of February 21, 2019!

Contributing

Family

Chris Ackerman
Carla Archibeque
Mr. & Mrs. Clay Arrington
Megan Asmus
Allen Bloodworth
Joshua Bobo
Mr. & Mr. J. Barr Bolger
Michelle Chastain
Ellen Conner
David Gian
Brooke Ellington
Amanda Fife
Carie & Johnny Foreman
Jamie & James Geric
Gerriann Green
Teri Greer
Ashleigh Gromelski
Annaliese Grosser Guerrero
Hailey & Jeff Harber
Melynda Heller

Mackenzie & Joshua Kemp
Anna Klein
Lashawn & Joshua Latta
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Emily & Steve Lugo
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We want to give a round of applause to the following friends, companies and businesses. Their in-kind contributions of time, assistance or services are appreciated:

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Greg Hinterlong (Dr. Petro)
NewsWest 9
United Rentals

Memorials

Memorial contributions to the Petroleum Museum are deposited in the permanent endowment fund to provide ongoing tribute to the individuals recognized in bold. Donors are listed below the honoree. Contributors from February 21 through May 22, 2019, were:

IN MEMORY OF...

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Permian Basin Fair & Exposition

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Denise & Will Porter

Notable Dates

JUNE

June 3

Movie Maker Monday: *"Incredibles 2"*
1:00 to 5:00 p.m.
Museum members, \$10; Non-members, \$15
Ages 6-12
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

June 5-6

STEAM Sprouts Mini Camp: Goes Camping
9:30 to 11 a.m. OR 12:30 to 2 p.m.
Ages 4-5
Museum members \$40; Non-members \$50
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Occidental Petroleum**

June 11

Brown Bag Lunch & Lecture Series
Video: *"Treasures of the Earth: Gems"*
54-minute NOVA Documentary
11:30 a.m.
Free admission. Drinks & dessert provided.
Sponsor: **Norma J. McGrew & Hahl Proctor Charitable Trust, Bank of America, N.A., Trustee**

June 12-14

Summer Science Camp: *Robotics*
9 a.m. to 12 noon
Ages 6-8
Museum members \$60; Non-members \$75
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

June 17

Movie Maker Monday: *"Hotel Transylvania 3"*
1:00 to 5:00 p.m.
Museum members, \$10; Non-members, \$15
Ages 6-12
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

June 19-21

Summer Science Camp: *STEM-Art*
9 a.m. to 12 noon
Ages 6-8
Museum members \$60; Non-members \$75
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

June 26-28

Summer Science Camp: *Tinkering*
9 a.m. to 12 noon
Ages 6-8
Museum members \$60; Non-members \$75
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

JULY

July 1

Movie Maker Monday: *"How the Grinch Stole Christmas"*
1:00 to 5:00 p.m.
Museum members, \$10; Non-members, \$15
Ages 6-12
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

July 8-11

Summer Science Camp: *Robotics*
8 a.m. to 12 noon
Ages 8-12
Museum members \$80; Non-members \$100
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

July 9

Brown Bag Lunch & Lecture Series
Speaker: George Nnanna, Ph.D.
11:30 a.m.
Free admission. Drinks & dessert provided.
Sponsor: **Norma J. McGrew & Hahl Proctor Charitable Trust, Bank of America, N.A., Trustee**

July 15

Movie Maker Monday: *"Ralph Breaks the Internet"*
1:00 to 5:00 p.m.
Museum members, \$10; Non-members, \$15
Ages 6-12
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

July 22-25

Summer Science Camp: *Science Behind Sports*
8 a.m. to 12 noon
Ages 8-12
Museum members \$80; Non-members \$100
Pre-registration required. Go to www.pbpetro.org
Sponsor: **Apache Corporation**

AUGUST

August 13

Brown Bag Lunch & Lecture Series
Speaker: Steve Melzer, Geological Engineer & Consultant
11:30 a.m.
Free admission. Drinks & dessert provided.
Sponsor: **Norma J. McGrew & Hahl Proctor Charitable Trust, Bank of America, N.A., Trustee**

SEPTEMBER

September 10

Brown Bag Lunch & Lecture Series
Speaker: Rebecca Dodge
"Hazards That Have Affected Texas State Parks"
11:30 a.m.
Free admission. Drinks & dessert provided.
Sponsor: **Norma J. McGrew & Hahl Proctor Charitable Trust, Bank of America, N.A., Trustee**

September 12

Family Science Night: *Kitchen Science*
6:30 to 8 p.m.
6 p.m. Early Admission for MEMBERS ONLY
Hands-on Science Experiments & Activities
Free Admission
Sponsor: **Chevron**

September 24

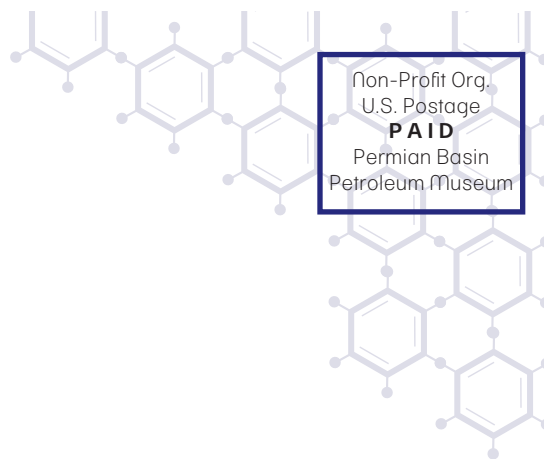
Arlen Edgar Distinguished Lecture Series
Speaker: Fred Hiebert, National Geographic Archaeologist
"Trade Route Archaeology"
7 p.m.
Free ticketed event. Call for reservations or go online to www.pbpetro.org

**For more information about any of these programs or events,
contact the Petroleum Museum at 432-683-4403 or www.pbpetro.org.**

PETROLEUM MUSEUM

Permian Basin Petroleum Museum, Library and Hall of Fame
1500 Interstate 20 West • Midland, Texas 79701

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The Museum Store



Museum Bit & Bytes is published quarterly by the Petroleum Museum. For more information call 432-683-4403 or visit the website at pbpetro.org.

6/19

KICK OFF your summer road trip with games, books, and travel accessories from the Petroleum Museum Store! Museum members always receive **15 percent off** all purchases. We are open from 10 a.m. to 5 p.m. Monday through Saturday and 2 to 5 p.m. Sunday, or shop online at pbpetro.org/shop anytime. **Shop with purpose** by supporting the Museum through purchases made in the Museum Store.

Our Mission: We will share the petroleum and energy story and its impact on our lives.