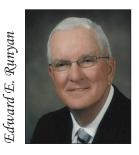




VOL. LII No. 4 Fourth Quarter 2022









The Petroleum
Hall of Fame
Induction
Ceremony and
Dinner is planned
for April 20, 2023

## **Board Selects Four for Induction**

The Petroleum Museum Board of Trustees has voted to induct four people into the 2023 Petroleum Hall of Fame: F. Marie Hall, Kenneth B. Nolen, Edward E. Runyan, and Don L. Sparks. This event will take place April 20, 2023, at Bush Convention Center.

**F. Marie Hall** is a native West Texan. She attended Big Spring ISD, graduated from The Hockaday School, and earned a B.A. degree at Southern Methodist University and a secretarial certificate at Katharine Gibbs Secretarial School in New York City. Hall worked in banking and law and served as director of the State National Bank of Big Spring. Her volunteerism at the Children's Medical Center in Dallas began her life of service. Her philanthropic efforts improved the lives of hundreds of people in West Texas.

Hall advocated nursing, architectural design, rural medicine, health sciences, fine arts, higher education, sports, and urban forestry. Her generosity established multiple endowments and endowed chairs, funded scholarships, provided state-of-the-art medical equipment, and funded building and renovation projects throughout West Texas. In 2011, she established the FMH Foundation and served as President until her death in 2017.

Her legacy of giving back to West Texas will be continued through the foundation she created to "foster collaboration, innovation, creativity, excellence, synergy, and development". Honors include the Turner Award from Museum of the Southwest; honorary Doctor of Humane Letters from Texas Tech University Health Sciences Center; Kleinschmidt Award from Texas Tech University College of Architecture; 2003 Outstanding Philanthropist by the Association of Fundraising Professionals, Permian Basin Chapter; Mustard Seed Special Award at UTMB; James E. West Fellow by the Buffalo Trail Council of the Boy Scouts of America; and Big Spring

Area Chamber of Commerce 1987 Woman of the Year Award.

Kenneth B. Nolen was born and raised on a rice farm in Eagle Lake, Texas. He attended Texas A&M College, graduated in 1957 with a B.S. in Mechanical Engineering, and then joined Shell Oil Company as a Production Engineer. He began his career-long passion of optimizing production from artificially lifted wells, with a break to serve in U.S. Air Force as a weather officer in Bangor, Maine. He returned to Shell but left in 1970 to partner with lifelong friend Dr. Sam G. Gibbs. They formed Nabla Corporation and Nolen served as Vice President. Initially, Nabla rendered well site diagnostic analyses under license from Shell, using truck-borne mini-computers. Nabla's product line grew quickly to include design and diagnosis of hydraulic and submersible pump systems. During its last 20 years, the company built digital dynamometers, pump-off controls and fluid level instruments. Lufkin Automation acquired Nabla in 1997.

Nolen continued his career as Technical Coordinator for Lufkin until his first retirement in 2002. He soon returned as an artificial lift consultant specializing in technical support and training. Nolen and Gibbs teamed up again in 2014 to form GreenShot LLC, a company specializing in automated oil well fluid level technology. Well-Worx Energy acquired GreenShot in 2018 with Nolen remaining as an R&D advisor.

Nolen has been a key contributor to the art and science of artificial lift. With Dr. Gibbs, he co-developed wellsite diagnostic methods including dynamometers, fluid level sounders and pump-off controllers for sucker rod pumping systems which are widely used within the industry.

Continued on Page 2

For sponsorship and underwriting opportunities contact Luanne Thornton at 432-683-4403.











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Permian Basin
Petroleum Museum,
Library and
Hall of Fame
...exploration,
innovations
and legends...

### Petroleum Hall of Fame Dinner Set for April 20

### Continued from Page 1

Nolen has been active in the Society of Petroleum Engineers and is a registered professional engineer emeritus in Colorado and New Mexico. He holds eight patents, has written textbooks and technical papers on artificial lift, and has taught more than 200 schools on artificial lift across the world.

**Edward E. Runyan** graduated from Salem Community High School in southern Illinois where he was named an outstanding scholar and Eagle Scout. He enrolled in the Petroleum Engineering School at the University of Tulsa, graduating as the Outstanding Petroleum Engineering Student in 1955. Runyan joined Sohio Petroleum Company as a reservoir engineer in Oklahoma City. He soon was called to active duty and enlisted in the U.S. Army's scientific and engineering program, where he completed his Master's degree in Petroleum Engineering.

In 1960, Runyan was transferred to Midland as a District Engineer working on Sohio's largest project, the Spraberry Driver Unit waterflood. The project encompassed an initial nine-section pilot flood followed by a 93-section full scale waterflood, which failed, and Runyan learned that failure was a great teacher.

Runyan then went to work for Permian Enterprises as Vice-President of Operations and part owner. He modernized the company, developed new products, obtained several patents and wrote technical papers on cement-lined products. A member of the local chapter of Society of Petroleum Engineers (SPE), he was named national membership chairman in 1964. In 1974, Runyan was elected SPE International President and led the organization to international status.

Runyan then joined Elcor as assistant to the President and eventually became President of the Agrichemical Division and Corporate Vice-President of Marketing. Later he joined Bailey, Sipes, Williamson and Runyan as a partner. He helped take Bell Petroleum Services public in 1981. He then formed his own private company, Texon Oil Company.

In 1990, Runyan acquired controlling interest in Mid-America Petroleum Company, took the company private and changed the name to Seaboard. Over its 25-year history, Seaboard and Texon have discovered the R.A. Clearfork Field, the Weeks Field, the Horned Frog Field, the Double E Field and the Marilee Field.

**Don L. Sparks** was born in Pampa and graduated from Amarillo High School in 1957 as an honor graduate. He attended the University of Texas where he graduated with a B.S. in Petroleum Engineering in 1962. He went to work for Shell Oil Company in Midland before he was called to serve in the U.S. Navy later that year. After being honorably discharged in 1965, Sparks returned to Shell as an Exploitation Engineer, responsible for drilling procedures and completion of development wells in West Texas.

In 1969, Sparks went to work for Freeport Oil Company in Midland as a Division Engineer where he was responsible for all drilling operations west of the Mississippi River including all economic and reserve estimates and design of all drilling programs. In 1971, he was hired by Bailey, Sipes, Williamson and Runyan as a consulting engineer. Then, in 1973, Sparks opened a private consulting firm and, along with Ernest Angelo, formed Discovery Operating, Inc. He bought out Angelo in 1975 and Discovery has evolved into a classic small family owned and operated independent oil and gas company with 31 employees. Discovery operates 420 wells located within a 300- to 400-mile radius of Midland, producing about 10,700 barrels of crude oil and condensate and 13 million cubic feet of natural gas per day. Sparks' team is responsible for finding the Gwyn, JKT, West, Ka-Ze-Sa, Discovery, WOD, Helen, Kathie, WJS and VJK fields in West Texas. The company focused on maximizing production from these high cost, tight sand gas fields. Discovery was the first company to use a cut brine system to drill in Schleicher County. Discovery Operating will celebrate 50 years in 2023.

In early 2000, Sparks worked with Halliburton to develop logs for the Wolfcamp and Spraberry shales. This logging suite and analysis has been the basis of choosing landing zones in the horizontal wells drilled and completed in the Midland Basin today.

### Mineral Gallery: Fluorite & Quartz

his beautiful fluorite and quartz specimen is on loan to the Museum from Jim Gibbs of Dallas. It comes from the Taolin mine, a large mine located in the south-eastern China in Hunan containing one of the largest fluorite reserves in China. The Taolin Mine was one of the older lead and metal mines in Hunan when mineral specimen exports really began in earnest in the 1990s. This spectacular specimen stands over 20 inches tall. A visit to the Mineral Gallery is a great way to treat your guests to a very special holiday venture!



Fluorite & Quartz

## ASK Dr. Petro Museum Provides Movie Assistance

Question: Has the Petroleum Museum ever been on the big screen?

Dr. Petro: The Petroleum Museum was one of the filming locations for the movie, The Iron Orchard, based on the 1966 novel by Tom Pendleton with the same title. It is the story of Jim McNeely, a young man thrust into the vibrant and brutal West Texas oilfields in



1939, who works his way through the ranks to ultimately become a formidable wildcatter. The Museum's Facilities Manager, James White, worked closely with the production team to assist with equipment and industry accuracy during filming. Several scenes were filmed on the Museum grounds while others utilized pieces of equipment in the Museum's collection. The Iron Orchard won the Hiscox Audience Award at the Austin Film Festival and was featured at film festivals around the world.

The Museum is also home to equipment that was utilized in the filming of The Stars Fell on Henrietta, a 1995 American drama film from Warner Brothers, directed by James Keach and produced by Clint Eastwood. The film is based on a short story written by

Winifred Sanford titled "Luck" based in Texas in 1935.

Its storyline features a time of boomtowns or bust for oil wildcatters and, time and again, derbytopped Mr. Cox (Robert Duvall) has come out flat busted. No worries. Mr. Cox has a mule-headed optimism. He's sure as the sunrise that near the town of Henrietta on a cotton farm that raises more dust than bolls, there's black gold beneath the barren sod. From Clint Eastwood's production company, The Stars Fell on Henrietta is a sweet-natured tale of hope and redemption.

After production, the drilling equipment (draw works, swivel, kelly, and rotary table), pumps, and tools used in filming were donated to the Petroleum Museum and can be seen on display in our Oil Patch today.







## STEAM Building: Getting Close to Completion

he Museum's STEAM Education Center continues to become a reality. The interior is getting close to completion and the patio is a work in progress. Installation of the climbing structure has begun and the patio continues to take shape. Each day brings us closer to providing a new, first-class facility for our community. Quality outdoor space and a top-notch classroom will help the Museum provide outstanding experiences for our community year-round.



### **Lunch Speakers:** Listen, Learn and Sing

The 2022 Brown Bag Lunch & Lecture Series will end on a high note with a presentation of Christmas carols. Bring a lunch and the Museum will furnish drinks and dessert. The BBLs are free and are sponsored by Norma J. McGrew & Hahl Proctor Charitable Trust, Bank of America, N.A. Trustee.

Tuesday, December 13, 2022

Voces Dei is a group of talented singers who come together every year out of the desire and delight in bringing the joy of Christmas to our community through songs and carols.

### Tuesday, January 10, 2023

R. Shaun Rainey will speak on the need for creating and implementing estate plans that accomplish key client objectives regarding an individual's estate. Rainey is a Board-Certified Attorney at Cotton, Bledsoe, Tighe, & Dawson, PC.

### Tuesday, February 14, 2023

DPS Sgt. Steven Blanco, Public Relations Officer, will convey how "It Starts With You," a talk about the traffic challenges in the Permian Basin and how we can all stay safe.

### Tuesday, March 21, 2023

Matthew Day: Blueprint for Success: George Livermore, West Texas Oil, and Prospects in the Mideast and the Americas from 1945-1961. Day will share the story of George Livermore, a Lubbock oil man who pursued several oil prospects in the Mideast and in the Americas from World War II until his death in 1961.

### **BBL** Dates

11:30 a.m. to 12:30 p.m.

December 13, 2022 Voces Dei Christmas Carols

January 10, 2023 R. Shaun Rainey "Estate Planning & Probate Law"

February 14, 2023 DPS Sqt. Steven Blanco "It Starts with You"

> March 21, 2023 Matthew Day "Blueprint for Success"











## **Adding 'A' to Equation Changes Innovation**

ost people are familiar with the terminology STEM (Science, Technology, Engineering, and Math) Education. STEAM education is much more than just adding another letter to the acronym. Instead of simply viewing STEAM as a way to merge art into the STEM fields, the art portion of STEAM provides the "who and why" to the "what and how" of STEM. Design, thinking and creativity are key ingredients to achieve innovation through STEM disciplines.

The Petroleum Museum is transitioning from offering STEMbased programming to STEAM-based designed to create the next generation of innovators. We recognize the importance of introducing students to STEAM principles at an early age and offer high quality STEAM programming for students ages 4 through 12.

The spring semester will begin with Building Bots Robotics and Engineering Funlabs. These classes are held the first and third Tuesdays of February, March, April, and May. First Tuesday classes are for K-6th grade students while third Tuesdays are for 3rd-6th grades. Each class introduces students to design and critical think-



ing through engineering challenges and robotic design. We utilize a variety of robotics equipment including LEGO WeDo 2.0s, LEGO Mindstorm EV3s, LEGO SPIKE (prime and essential), Osmos, Spheros, and Ozobots as well as different themes. Pre-registra-

tion is required. Cost per session is \$25 for Museum Members and \$30 for Non-members. Our Building Bots Robotics & Engineering Funlabs are generously sponsored by Oxy.

The spring semester continues with STEAM Break! The first STEAM Break camp titled Rock(et) On! will be held during MISD's spring intercession February 13-17, 2023. We also will be offering STEAM Break: LEGO Comics camp over spring break March 13-17, 2023. These camps are open to open to district and homeschool students in first through sixth grade. Parents have the option to register their young scientist or LEGO Master for the A.M session (8 a.m. to 12 noon), the P.M. session (1 to 5 p.m.), or the All-Day session (8 a.m. to 5 p.m.). The morning sessions will feature investigative learning into the science behind rockets and space exploration (Rock(et) On!) OR cre-X Ovintiv

Comics). The afternoon sessions will feature collaborative projects, games, and experiments centered around popular kids' movies. This program is generously sponsored by Ovintiv. Pre-registration is required.

To spark an early interest in students ages 4 to 5, the Museum continues to offer its STEAM Sprouts program that begins on Monday, March 20, and meets for six weeks on Mondays. With curriculum centered around LEGO Simple Machines, your little scientist



will be excited to build, collaborate, and learn each week! Two identical sessions will be held, one from 9:30 to 10:30 a.m. and another from 11:30 a.m. to 12:30 p.m. Pre-registration is required. Cost for the

six-week session is \$80 for Museum Members and \$100 for Nonmembers. STEAM Sprouts is generously sponsored by SM Energy.



### Thanks for Outdoor Cover!

If you have visited the Museum recently, you might have noticed Flynn, the resident wallaby, hopping in front of the glass doors leading to the Education Hall. During October, we had the unique opportunity to add a cover to the existing enclosure that houses Mikey, the Sulcata



ative LEGO engineering challenges (LEGO

Tortoise, during the warmer months. This cover allows Flynn the ability to stretch his legs outside and interact with visitors from a safe distance. We would like to thank Triple T Fence for helping to enhance Flynn's days at the Museum.

### APPLAUSE, **APPLAUSE**

We give a round of applause to the following friends, companies and businesses. Their in-kind contributions of time, assistance or services are appreciated:

> ASCO Equipment, Inc. Warren CAT

### Volunteer

### ECISD Teacher Appreciates Museum's Help

Following instructions, cleaning up and getting along are part of the growing up process. **Lindy Robinson, M. Ed.,** teaches these skills to a group of students ages 18-22 as part of the Ector County Independent School District Transition Learning Center. Two years ago, Robinson began bringing her special needs students to the Petroleum Museum to hone those skills before they graduate and face the outside world.

"These students are working on job skills and we are preparing them for post-graduation," she said. "They are learning how to go out in the community and build relationships with other people."

The Petroleum Museum staff works with these students to enhance their skills. Mara Bland and Gemma Lopez have developed a close relationship with the students. "If one of the students is having a difficult day, Mara and Gemma are always patient and kind," Robinson said. The students are learning how to cut up apples and to chop greens for animals in the Education Hall. They also sweep and clean up the area. "They are learning to follow directions and to use their fine motor skills," the instructor added.

While some students don't like dealing with the snake, a few look forward to it. They are learning the feeding schedule for the snake, iguana and other animals and the proper care for each.

Robinson brings six students every Tuesday, along with an assistant. For those six, going to the Museum is a privilege. As a technology instructor, Robinson teaches each student how to type in the Museum's address on a cell phone and find the map to



Lindy Robinson with a student who likes the snake.

get there - skills they will use after graduation.

Growing up with a special needs family member, Robinson specialized in that area of education. "These are people that don't always get recognized," she said. "It means a lot to me that the Museum works with them."

### Family Science Night

Thursday, January 26, 2023 "Bits & Bots"

Thursday, March 30, 2023 "Forces of Nature"

6:30 to 8 p.m. Free Admission Be sure to mark your calendar for our Spring 2023 Family Science
Nights! These free events provide a way for families to engage in hands-on
science experiments, demonstrations, and creative activities.

Chevron

Thank you to **Chevron** for making these events possible!
The first Family Science Night for the year will be **Thursday**, **January 26**, from 6:30 to 8 p.m. People of all ages can get their hands on "Bits & Bots."

The next Family Science Night will be **Thursday, March 30**, from 6:30 to 8:30 p.m. and will focus on *"Forces of Nature."* 

Remember Museum members enjoy the added bonus of early admission from 6 to 6:30 p.m. Go online to **www.pbpetro.org** to secure your membership today!

### Education Notebook: Check Out The Latest News

## THANKS TO DIAMONDBACK ENERGY!

Special thanks to **Diamondback Energy** for sponsoring our virtual classes, **Dinos 101** and **Rocks Rock!** through

**Connect2Texas.** Students in PreK through second grades are able to travel back in time to learn about the various species of

dinosaurs that lived in the
Triassic, Jurassic, and Cretaceous time periods in *Dinos* 

101. Rocks Rock! offers third through sixth grade students an interactive program covering concepts such as layers of the earth, rock cycle, and fossil fuel information. This generous sponsorship allows students the world over an opportunity to take these classes for free this school year.

### STEM TRUNKS AVAILABLE

Attention teachers! Bring the Petroleum Museum to your classroom with our
unique, hands on, cross-curricular STEM
Traveling Trunks. We have over 30 different
trunks to choose from. These Traveling
Trunks are available to check out for a oneweek period. Cost for each
trunk is \$25. A special thank
you to Covia for sponsoring the Geology
and Earth Science Traveling Trunks, allowing
these trunks to be checked out for free for
the 2022-2023 school year.

### **GET AN EDUCATOR GUIDE**

Calling all educators! We are excited to announce the release of our 2022-2023 Educator Guide. This comprehensive guide

provides educators in the surrounding communities with detailed information on field trips, outreach programs (in-person and virtual), traveling STEM trunks, and STEAM program offerings. Download your digital copy today at **www.pbpetro.org.** To obtain copies for you and/or your school, please email education@petroleummuseum.org.

### **STEM GEMS OFFERED**

The Petroleum Museum is proud to continue offering our STEM Gems program to seventh and eighth grade Goddard Junior High girls.

STEM Gems engages these young women by providing hands-on challenges and activities that reinforce concepts being taught in the classroom. **Ovintiv** sponsors this incredible program.

## Your Gift Enables More People to Learn About Industry

There has never been a more important time to fulfill our mission of sharing the petroleum and energy story and its impact on our lives. We continue to promote and advocate for the petroleum industry as well as share the cultural history of the Permian Basin. Throughout the Museum's exhibits visitors are enlightened about the most affordable, reliable, and versatile energy source that uplifts people across the globe. We also introduce students to the exciting opportunities in STEAM (science, technology, engineering, art, and math) fields while showing them that their long-term future is bright.

To help us continue our mission, please consider a donation to the Petroleum Museum. Your contribution may be designated as a

year-end gift to the annual fund which allows us to meet our most pressing needs, to the permanent endowment fund for our long-term security, or to help us purchase Makerspace Lab Tables for quality student engagement in the new STEAM Education Center.

YOUR generosity and belief in the Museum's mission make it possible for us to preserve our history, promote science education and serve as an advocate for the petroleum industry. You may send a gift by mail to the Museum or log on to our secure website and make an online donation for this "Season of Giving" at www.pbpetro.org. For questions, please contact Luanne Thornton at 432-683-4403 or lthornton@petroleummuseum.org.

## Membership Gives Perks All Year Long

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

Welcome to our newest and renewed members from August 23 - November 14, 2022:

### Contributing **Family**

Mr. & Mrs. Byron Adams Robert Aguirre Lakshmi Alahari

Bryan & Jennifer Ball Mary Barfield Keriana Beck Ben Breyman Mike Cantrell Katelyn Carroll Sophie & Travis Counts Kendall & David DaGian Esteban Delgado Claudette Dubose Dr. Lacey Early Mr. & Mrs. Carl Harman **Brandi Headley** Corina Helms Karina Hernandez Jennifer Jackson Linda & Richard Jackson Mr. & Mrs. Daryl James Ethel & Jeff Jeffries

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### **SMILE** While Supporting Museum

While shopping on Amazon, remember to use AmazonSmile and support the Permian Basin Petroleum Museum; it's the same Amazon we all know and love with a twist! AmazonSmile is a simple and automatic way to support the



Museum every time you shop, at no cost to you. When you shop at smile.amazon.com, you'll find the same low prices, vast selection and convenient shopping ex-

perience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to the Museum. You can use your same Amazon account on AmazonSmile. Your shopping cart, wish list, wedding or baby registry, and other account settings are also the same.

On your first visit to AmazonSmile, smile.amazon.com, select the Permian Basin Petroleum Museum to receive donations from eligible purchases before you begin shopping. They will remember your selection, and every eligible purchase you make at smile.amazon.com will result in a donation. To get started just visit www.smile.amazon.com.

### **Memorials**

Memorial contributions to the Petroleum Museum are deposited in the permanent endowment fund, unless donor advised, to provide ongoing tribute to the individuals recognized in bold. Donors are listed below the honoree. Contributors from August 9 to November 1, 2022, were:

IN MEMORY OF ... Mary Lou Brahaney Denise & Will Porter Leo Carr Denise & Will Porter **Mack Hibbitts** Denise & Will Porter **Jack Hunnicut** Denise & Will Porter Mary Lou Midkiff Denise & Will Porter Ben Strickland, Jr. Denise & Will Porter

# **Notable Dates**

### **DECEMBER**

### **DECEMBER 13**

Brown Bag Lunch & Lecture Series

Music by Voces Dei "Christmas Carols" 11:30 a.m. to 12:30 p.m.

Free admission. Drinks and dessert provided.

Sponsors: Norma J. McGrew & Hahl Proctor Charitable

Trust, Bank of America, N.A. Trustee

#### DECEMBER 24-25

Merry Christmas!

Museum will be closed Christmas Eve and Christmas Day.

### JANUARY 2023

#### JANUARY 1

Happy New Year!

Museum will be closed New Year's Day.

#### JANUARY 10

Brown Bag Lunch & Lecture Series Speaker: R. Shaun Rainey "Estate Planning & Probate Law"

11:30 a.m. to 12:30 p.m.

Free admission. Drinks and dessert provided.

Sponsors: Norma J. McGrew & Hahl Proctor Charitable

Trust, Bank of America, N.A. Trustee

#### JANUARY 26

Family Science Night

"Bits & Bots" 6:30 to 8 p.m.

6 p.m. Early Admission for MEMBERS ONLY Hands-on Science Experiments & Activities

Free admission. Sponsor: **Chevron** 

### **FEBRUARY**

### **FEBRUARY 7**

Building Bots: Robotics & Engineering FunLab

5:30 to 7:30 p.m. Grades K-2nd

Pre-registration required. For more information or to register online, visit www.pbpetro.org.

Sponsor: Oxy

### FEBRUARY 13-17

STEAM Break: "Rock(et) On!"

Half-day or full-day options.

Grades 1st-6th

Pre-registration required. For more information or to register online, visit www.pbpetro.org.

Sponsor: Ovintiv

### FEBRUARY 14

Brown Bag Lunch & Lecture Series

Speaker: Sgt. Steven Blanco, DPS Spokesperson

"It Starts With You" 11:30 a.m. to 12:30 p.m.

Free admission. Drinks and dessert provided.

Sponsors: Norma J. McGrew & Hahl Proctor Charitable

### Trust, Bank of America, N.A. Trustee

### FEBRUARY 21

Building Bots: Robotics & Engineering FunLab

5:30 to 7:30 p.m. Grades 3rd-6th

Pre-registration required. For more information or to register

online, visit www.pbpetro.org.

Sponsor: Oxy

#### **MARCH**

#### **MARCH 7**

Building Bots: Robotics & Engineering FunLab

5:30 to 7:30 p.m. Grades K-2nd

Pre-registration required. For more information or to register

online, visit www.pbpetro.org.

Sponsor: Oxy

### **MARCH 13-17**

STEAM Break: "Lego Comics" Half day or full day options

Grades 1-6

Pre-registration required. For more information or to register

online, visit www.pbpetro.org.

### Sponsor: Ovintiv MARCH 20, 27

STEAM Sprouts – LEGO Simple Machines 9:30 to 10:30 a.m. OR 11:30 a.m. to 12:30 p.m.

Ages 4-5

Mondays for six weeks

Pre-registration required. For more information or to register

online, visit www.pbpetro.org.

Sponsor: SM Energy

#### MARCH 21

Brown Bag Lunch & Lecture Series

Speaker: Matthew M. Day

"Blueprint for Success: George Livermore, West Texas Oil,

and Prospects in the Mideast and the Americas from 1945-1961"

11:30 a.m. to 12:30 p.m.

11.50 d.11. 10 12.50 p.11.

Free admission. Drinks and dessert provided.

Sponsors: Norma J. McGrew & Hahl Proctor Charitable

Trust, Bank of America, N.A. Trustee

### **MARCH 21**

Building Bots: Robotics & Engineering FunLab

5:30 to 7:30 p.m.

Grades 3rd-6th

 $\label{pre-registration} \mbox{ Pre-registration required. For more information or to register}$ 

online, visit www.pbpetro.org.

Sponsor: Oxy

### MARCH 30

Family Science Night

"Forces of Nature"

6:30 to 8 p.m.

6 p.m. Early Admission for MEMBERS ONLY

Hands-on Science Experiments & Activities

Free admission.
Sponsor: **Chevron** 

### **APRIL**

### APRIL 3, 10, 17 & 24

STEAM Sprouts—LEGO Simple Machines 9:30 to 10:30 a.m. OR 11:30 a.m. to 12:30 p.m.

Ages 4-5

Mondays for six weeks

Pre-registration required. For more information or to register

online, visit www.pbpetro.org.

Sponsor: SM Energy

### APRIL 4

Building Bots: Robotics & Engineering FunLab

5:30 to 7:30 p.m.

Grades K-2nd

Pre-registration required. For more information or to register online, visit www.pbpetro.orq.

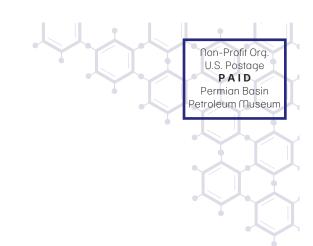
Sponsor: **Oxy** 

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



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Address Service Requested



### **Museum Staff**

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Museum Bit & Bytes is published quarterly by the Petroleum Museum. For more information call 432-683-4403 or visit the website at pbpetro.org. 12/22

### The Museum Store



GIFT MORE THIS CHRISTMAS with our sale on drinkware! Buy any wearable item in the Museum and get any drinkware item 75 percent off! Plus, know that your purchase supports the Museum! Museum Members always receive **15 percent off** purchases. We are open from 10 a.m. to 5 p.m. Monday through Saturday and 2 to 5 p.m. on Sunday. Or, shop online at **pbpetro.org/shop** anytime.

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