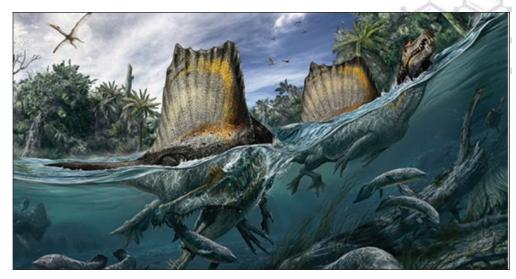




VOL. XXXXIV No. 3 Third Quarter 2016

Arlen Edgar
Distinguished
Lecture Series
7 p.m. Tuesday, Sept. 27
Lecturer: Nazir Ibrahim





Artist's concept of Spinosaurus in the ancient Sahara by Davide Bonadonna

# Lecture: Amazing Story of Lost Dinosaur

Meet Spinosaurus, the largest predatory dinosaur yet discovered—larger than T. rex—and hear the incredible story of how this prehistoric giant was almost lost to science, before being brought back to light with the help of the remarkable young paleontologist, Nazir Ibrahim. He will tell his incredible story on Tuesday, September 7th at 7:00pm at the Petroleum Museum as part of the Arlen Edgar Distinguished Lecture Series, sponsored by the Abell-Hanger Foundation.

Originally discovered more than a century ago in the area of Gebel el Dist and at the bottom of the Bahariya Depression in Morocco by the great German paleontolo-

gist Ernst Stromer, Spinosaurus' fossil remains were lost in the Allied bombing of Germany during World War II. With the help of recent fossil discoveries in the desert, and Stromer's own data and drawings, contemporary scientists including German/Moroccan paleontologist and National Geographic Emerging Explorer Nizar Ibrahim have reconstructed a full skeletal model of Spinosaurus. "Working on this animal was like studying an alien from outer space; it's unlike any other dinosaur I have ever seen." Ibrahim will tell the story of Spinosaurus' discovery, loss, and rediscovery, and explain what—other than its size—makes this ancient monster unique.

For free tickets, call the Museum at 432-683-4403 or register online at www.pbpetro.org.

Sponsor: Abell-Hanger Foundation

"Members Only" reception with the speaker at 6:30 p.m.







# 

# 2016 Board of Trustees

Mark Philpy
President
Richard E. Booth
Vice President
Alan Krenek
Treasurer
Billy W. Harris
Secretary

E. Earl Baldridge, III S. Clay Bomer Kline Boyd Jim Byerlotzer Mark Carr Joseph Castillo Joseph de Compiegne Myra Dria Clint Hurt John L. Kennedy Joe Liberty Taylor Mayne Donny McClure **Toby Payne** Will Porter Dale Redman Doug Schmidt Clint Walker Jim Woodcock Joe Wright

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



Stringing up the early rotary rig.



Bison Trucking places the sideboom tractor, left. Dennis Brooks, below, loads the Mack "Bulldog" truck to take for refurbishing.



## The Oil Patch

# Bison Works on Preservation

Bison Drilling and Bison Trucking have played a major role in the preservation of our Oil Patch over the past two years. In 2014, Bison Drilling President and COO **Baron Honea** agreed the company could help with a few of the Museum's projects. The renovation of the petroleum exhibits required the Museum to move some artifacts located inside the Museum to the Oil Patch. Bison's help was instrumental in placing these much-loved objects into new homes on the grounds.

Bison first stepped up to help preserve the Museum's Keystone 5 ½ Traction Joplin Special Spudder cable tool rig. Rusty Smith and Lynn Sadler agreed to help with the project and that rig is now preserved and painted in "Bison" green. This effort kicked off the Museum's "Oil Patch" renovations.

Bison then assisted the Museum in getting the 1929 Mack "Bulldog" truck back in running condition. Bison Trucking employee **Dennis Brooks** delivered the truck to Bruckner's Mack Truck in Odessa to begin work. The truck returned to the Museum grounds in time to give rides to new Museum members at the grand re-opening of the petroleum exhibits in April 2016.

Bison next stepped in to help relocate the Museum's side-boom tractor which had been located in the North Wing in the pipeline exhibit are for 35 years. Bison Trucking's **Joe Dale Price** sent a pole truck to the Museum to set the side boom tractor in its outdoor home with the ditching machine and the pipe-coating wagon, completing the early pipeline story.

Bison then agreed to tackle the Museum's rotary rig. For years, visitors and industry traffic on Interstate 20 would call and comment on the "backwards" swivel. Many stories circulated about how the swivel managed to be connected incorrectly – but no one really had an answer. Bison drilling employee **Tommy Bottoms** and a rig mechanic brought a port-a-power hydraulic jack, drill collar clamp and other tools to unlock the swivel to move and face the correct direction.

Bison then assisted with relocating the cable tool rig, located in the Museum's East Wing for over 40 years and which told the story of cable tool drilling. Although it was a 2/3 scale model, it was originally built of materials sturdy enough to be placed outside. Bison moved parts and pieces and then rebuilt it to join other antique rigs in the Oil Patch exhibit. Bottoms arranged for Bison's shop to build the crown for sheaves and arranged for drilling line to be donated to string the blocks and swivel. Bison also traveled to Novice, Texas with a flat-bed truck to bring back a 1920's era stem boiler to complete the rig's power system. This gave the Museum the opportunity to showcase a 1920's era draw works – a critical link between cable-tool drilling and early rotary drilling.

Looking back on all of Bison's help, Honea says, "Growing up in Kilgore put me in the shadows of antique oil equipment every day. When I began working in the industry with AMOCO, I was sent to West Texas to attend classes in 1978. That was my first tour of the Petroleum Museum. In this day and age, the industry is constantly beaten up by the press and regulatory agencies. It is nice to see a place that showcases the positive side of the industry and because the Petroleum Museum is such an advocate for our industry, we believe it is important to help them tell that story."

The Museum is very grateful for the many hours donated by Bison Drilling and Bison Trucking in our Oil Patch. We especially remember the late Dennis Brooks, who, Price says, "Could do more with less than anyone he knew." Thank you to Bison Drilling and Bison Trucking – we will miss Dennis as well.

## Collections

# Museum to House Dino Leg Bonel

The Petroleum Museum will be the temporary home for a remarkable artifact beginning this fall. The Midland Gem and Mineral Society has offered to loan a **Titanosaurus** leg bone to the Museum until they have completed renovations to their new home.

The bone belongs to a group of armored sauropods loosely classified as "Titanosaurus" of which there are over 50 species. They are estimated to have grown to lengths of 30-40 feet and weighed as much as 13 tons. They had a small head, long neck, wide chest, massive body, stocky limbs and a whip-like tail. They lived and traveled in herds for protection against predators like Abelisaurus, a T-Rex type dinosaur. Because Titanosaurus were herbivores, they had small peg or spoon shaped teeth. They laid eggs in nests in the ground and concealed them with a layer of vegetation and dirt.

Titanosaurus is considered to be one of the last types of sauropods that roamed the Earth, living 83-65 million years ago. This femur was discovered in south Texas in the 1970's by a member of the Gem and Mineral Society.



**Titanosaurus** 

## **Mineral Gallery**

# Two Calcite Minerals Donated



Elmwood Calcite Donated By Betty Lou and Stephen M. Neely

The Museum was recently gifted two spectacular Elmwood Calcite cluster specimens from **Betty Lou** and **Dr. Stephen M. Neely.** This Nashville surgeon spends his time out of the office tracking down minerals from the famous Elmwood and Cumberland mines in Tennessee. The zinc mines have long been known for huge golden calcites, along with creamy barite blooms, shiny sphalerite crystals and lavender fluorites, the mine is a beautiful world of color. Calcites from these mines are often large, beautifully terminated and glassy in luster. The mines have closed and re-opened numerous times and owners have outlawed the collecting of mineral speci-

mens. The Petroleum Museum is fortunate to call Dr. Neely a friend and grateful to be the recipient of two such beautiful Tennessee specimens. These two large pieces, each over 3 feet in diameter, have been placed in the Museum's Mineral Gallery for the education and enjoyment of our visitors.

Elmwood Mines produce large, glassy minerals

# **Mineral Event:** Experts Here Nov.3

On November 3, the Museum will present its 2nd annual Mineral Event for mineral collectors, geologists and those who just love beautiful "rocks." **Dr. Robert Lavinsky**, owner of The Arkenstone in Dallas, will lead the program with insights of a mineral collector and dealer. **Gail and Jim Spann**, mineral collectors from Rockwall, will entertain us with how they began building one of the largest collections in Texas. It is an event you won't want to miss! This will be a free, ticketed event so reserve your seat now by calling 432-683-4403.

2nd Annual Mineral Event scheduled for November 3

## Get It Hi-Def

# Add Your Name to Electronic List

In an effort to simplify access, control postage cost, and reduce our environmental footprint, we will soon be offering this newsletter in a beautiful Hi-Def digital format that we can deliver directly to your inbox. Electronic delivery will allow you the convenience of viewing it on the device of your choosing. All of our newsletters are also archived on our website. If your mailbox is overflowing, contact us to add your name to our electronic newsletter list. Simply contact our **Marketing Manager**, **Jeremy Jones**, at 432-683-4403, or at jjones@petroleummuseum.org, and we'll do the rest!





# Together Again

Men who have worked for Chaparral Cars showed up at the last Party on the Patio at the Museum. Joining Jim and Sandy Hall, front, were from left, Wesley Sweet, Jim Hill, Franz Weis, Rodney Rogers, Jim Edwards and Laddy McMurray.

# Party on the Patio

PARTY ON THE PATIO with Jim Hall was another resounding success this year. Along with Mr. Hall, several of his former mechanics also attended the event. Over 100 Chaparral fans listened to the stories of racing in the 1960's from both Mr. Hall and former Chaparral employee, Jim Hill. Mr. Hill's overview of those years entertained both young and old alike.





# Chaparral 2E: Next Stop is Santa Fe Concorso

The Chaparral 2E Continuation Series car will be attending the Santa Fe Concorso in September. The Santa Fe Concorso, a gathering of more than 110 rare and exotic cars, motorcycles, and bicycles, will take place September 25 on the grounds of The Club at Las Campanas, a stunning development located just 15 minutes from the historic Plaza in downtown Santa Fe.

The Concorso main event will be held on Sunday, September 25, when the classic cars and motorcycles will be displayed on the 9th fairway at The Club at Las Campanas Sunrise Golf Course and in close proximity to the Clubhouse, where atten-

dees will be surrounded by panoramic mountain views. A group of expert automotive judges will review the field and name class winners based on a vehicle's elegance, authenticity, provenance and craftsmanship.

Both VIP and public food concessions will be available as well as the popular Concorso merchandise. The Concorso silent auction always has a wonderful gathering of art and experiences to bid on and take home while supporting charities. Tickets are \$50 to \$150, with discounts for children and active duty military/first responders.

# Back to Schoo

Time to see old friends, crack open textbooks, dig into new ideas and have fun learning.

**Education** 

What's Coming Up This Fall

# **Teachers:** Offering Tools to Help with Teaching

## "Making Makers" September 10

The Museum is looking forward to being a science resource for students and teachers this school year! In partnership with Region 18, we are holding a Teacher Workshop on September 10 called "MAKING MAKERS." This handson session will enable teachers to discover cross-curricular STEM (Science, Technology, Engineering, and Math) strategies and tools that will foster critical thinking, creativity, communication, and collaboration. Registration can be found online through the Region 18 website, www.esc18.net.

#### "Robot Zoo" **September 17**

September 17 will bring Robot Zoo – an interactive traveling exhibit that engages visitors in biology and robotics at the same time! Three robot animals and seven hands-on activities illustrate incredible real-life animal and insect characteristics, such as how a chameleon changes colors and how a fly walks on the ceiling. Join us as we explore all kinds of biomechanics - muscles will become pistons, intestines will become filtering pipes, and brains will become computers.



# **Building:** Learning from BOTS



A young girl builds her BOT during a summer class.

Channel your inner engineer as you explore motors, wheels, buzzers and switches at our upcoming BITS & BOTS Family Science Night on September 22! Join us for a BIT of fun as we explore the world of robotics and engineering. Admission is FREE! Family Science Nights are brought to you by our generous sponsors at CHEVRON.

Museum members will enjoy the added bonus of EARLY ADMISSION to discover the BITS & BOTS from 6 to 6:30 p.m.



### 2016-2017 Family Science Night Schedule

Mark your calendar with these dates! September 22, 2016 December 1, 2016 January 26, 2017 April 27, 2017

**BITS & BOTS FOSSIL FRENZY** SPACE WARS WILD FOR WILDLIFE



To celebrate all the teachers that dedicate themselves to the education of our students, the Museum offers FREE ADMIS-**SION** to any teacher with their school I.D.

# Backto School!

**Education** 

Special Events Coming for Families

# Hours: 'Open Late'

The Museum is staying open late on the first Tuesdays of September, October and November! This is a a great place to enjoy a special time with your kids or even with adults.

Come explore the new petroleum exhibits inside and enjoy the cooler evenings outside in the Oil Patch. Admission will be charged and, as always, **MEMBERS ARE**FREE!



# Halloween: Get Ready for Ghoulish Games!



These youngsters enjoy a hay ride outside the Museum, while others inside, at right, watch a pumpkin spew out foam.



Tricks and Treats are coming to the Museum on October 31! Join us as we present spook-tacular experiments and play ghoulish games from 6:30 pm – 8:00 p.m.!

Museum Members will enjoy free admission and can come early from 6:00-6:30 p.m. before we open the doors to the public.

Tickets for non-members are \$5 per person for age 5 and up or \$20 for five tickets. Strollers are \$5 at the door. Don't miss this creepily creative night of Halloween festivities!

# **Mikey:** Moves Into New Digs

Mikey, our Sulcata Tortoise, recently moved into his new outdoor enclosure! This enclosure will provide Mikey plenty of room as he continues to grow and become more adventurous. Sulcata Tortoises, also known as African Spurred Tortoises, are the third largest tortoise breed in the world. A full grown Sulcata can weigh from 100 to 200 pounds and have a shell diameter ranging from 18 to 24 inches. To accommodate his future size, Mikey's new enclosure provides enough room for him to move about freely, burrow, and enjoy the warm West Texas weather. Mikey is an integral part of our Animal Outreach Program. We want to extend a special thank you to Jace Hopper, a local Eagle Scout, who will help provide finishing touches for Mikey's enclosure as his Eagle Scout Service project. Be sure to stop by and check out Mikey's new enclosure!



# Back to School

Volunteer

Be Part of the Museum's Fun!

# **Docent Training:** Add Some Laughter to Your Life!

YOU can help bring science and history to life! Join us for Docent Training to become a trained Museum volunteer who helps with guided tours, outreach programs, and/or an educational puppet show.

Training will be held at the Petroleum Museum on October 4, 6, 11 and 13. Docent training will take place from 9 a.m. to 12 noon on those dates and Puppet Practice will be held on October 11 and/or 13 from 1:00 to 3 p.m. Each docent training session will focus on a different topic, so plan to attend every session!

To RSVP or for questions about becoming a docent or puppeteer, please contact Stacie at 432-683-4403 or **education@petroleummuseum.org.** 





Hands-on learning in the new PetroTrekker

# Resource: Book a Tour

As school gets back into full swing, the Petroleum Museum wants to remind the community of the vast array of educational resources we have to offer. Interested in engaging students in an immersive learning environment? Book a tour with us. For those not able to travel to the Museum, don't worry! The Museum can come to you! In addition to our tours, the Museum currently has six Outreach Programs: Animals, Fossils, Dinosaurs, Native Americans, Astronomy, and Geology. Outreach Programs are geared towards students in Pre-K through sixth grade, and are aligned with the Texas Essential Knowledge and Skills performance standards. The Museum looks forward to another school year of educating young minds!

# **ASK Dr. Petro**

# Why Is It a 42-gallon Oil Barrel?



**A:** Long before England's King Richard III (1483-85) defined the wine barrel as a cask holding 84 gallons and a tierce as holding 42 gallons, watertight casks of many sizes were crafted by coopers.

By 1700, practical experience and custom had made the 42-gallon watertight tierce a standard container for shipping everything

from eel, salmon, herring, molasses, soap, butter, wine and whale oil. Then came the first commercial U.S. oil well, Edwin Drake's 1859 oil discovery at Titusville. The ensuing petroleum boom consumed wooden tierces, whiskey barrels, casks and barrels of all sizes.

When filled with crude oil instead of fish or other commodities, a 42-gallon tierce weighed about as much as a man could reasonably wrestle. Bigger casks were unmanageable and

smaller were less profitable. Within a year of Drake's discovery, oil barrels were commonly considered to hold 42 gallons according to "The Oil Fountains of Pennsylvania" in Littells' Living Age of September 1860.

In August of 1866, a handful of America's earliest independent oil producers met in Titusville and agreed that the



tierce-sized barrels were the logical choice to become the industry's standard measure to constitute a barrel of oil. The 42-gallon standard oil barrel was officially adopted by the Petroleum Producers Association in 1872 and by the U.S. Geological Survey and the U.S. Bureau of Mines in 1882.

# Back to School!

**Education** 

What Did You Miss During Summer?







Summer Science Classes gave students opportunity to experience new adventures. One group experimented with physics through archery, top left, another explored ecosystem food webs, and others experimented with heat-sensitive, color-changing slime.

# **Building Bots:**Learning Engineering





Kindergarten through sixth graders imagined creatures and used their hands to create these ideas in special Building Bots classes.



Movie Camps attracted children to the Museum on Tuesdays. They enjoyed experiments, watched a movie and munched on popcorn. It was a cool way to keep the mind exercised.

# **Fall Presentations**



September 20 Lunch & Lecture Series 11:30 a.m. – 12:30 p.m.

The I-20 Wildlife Preserve is 86 acres of urban playa habitat that is essential to the survival of local bird populations, native wildlife, and thousands of migratory birds. It is located in the West Central Flyway where migrating birds, waterfowl, and butterflies can be seen throughout the year.

October 18 Lunch & Lecture Series 11:30 a.m. – 12:30 p.m.

Billy Chapman, Project Chairman, OCI Solar Power

A new company appeared on the West Texas scene – a new type of supplemental energy occupation: solar power. OCI Solar Power LLC was founded in 2011. OCI now has built two solar plants in Pecos County which cover a total of 1900 acres to capture solar power.



# 'Unique:' Our Space is Stunning

From corporate team-building meetings or board meetings to Oil Show gatherings to private weddings and intimate cocktail receptions, consider the Petroleum Museum. We offer a variety of spaces from which to choose and to create the stunning environment that fits any event.

The galleries provide a perfect balance of sophistication and adventure. And the auditorium offers all the amenities to enhance your experience. The indoor café area and adjoining outdoor terrace offer excellent semi-private space options for intimate events in a setting that meshes glamour with rustic oil patch charm.

Contact Carey Behrends to reserve the Museum for your **2016 Oil Show** event or to book your Christmas Party.

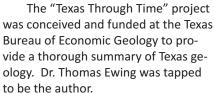
Call 432-683-4403 or email cbehrends@petroleummuseum.org.

October 25
Arlen Edgar Distinguished
Lecture Series
7 to 8 p.m.

Speaker: Thomas E. Ewing, Frontera Exploration Consultants, San Antonio

#### **BUILDING TEXAS:**

Texas Through Time – Geology of the Lone Star State



Ewing will give a brief overview of Texas geological concepts and the evolution of Texas through time on a global basis. He will show illustrations from Proterozoic through Holocene, including paleogeographic maps, timerock charts, and crustal cross-sections. Detail on Texas resources – nonfuel minerals, water, oil and gas, and energy minerals – will be followed by geologic perils.

The principal geologic theme is the position of Texas on the southern margin of Laurentia (North America). He will show the margin repeatedly ripped apart and then reassembled, from mid-Proterozoic to the Mesozoic.

Museum Members reception is at 6:30 p.m. This event is sponsored by the **Abell-Hanger Foundation**.

# Wanderers: Heading to San Angelo in December

**CHRISTMAS CHEER** will prevail at Historic Fort Concho when the West Texas Wanderers (WTW) head south from Midland December 2-3 for Christmas in San Angelo. WTW will visit Fort Concho's largest annual event Friday afternoon as the 40 acres and 24 buildings at the landmark are filled with shopping, entertainment, food and beverage, displays, living history, period entertainment, and many special events.

The trip will include a behind-the-scenes tour of the San Angelo Museum of Fine Arts. In particular, Howard Taylor, museum director, will guide the group through the installation-in-progress of **Jose Arpa: Spanish Painter in Texas.** 

Be prepared to spend some time...strolling through the galleries and shops in downtown San Angelo. WTW will tour Christmas Lights along the River, Miss Hattie's Bordello Museum and the infamous Chicken Farm Art Center.

For more information, contact **Carey Behrends** at **cbehrends@petroleummu-seum.org** or register online at www.pbpetro.org. Registration deadline is September 30.



# **Development**

# Birthday Bash: Celebrating 40+1 Years!



Our 40th birthday has come and gone
But we're not slowing down - so put your boots on!

"Middle Age" is just a slip of the tongue. Our new renovation keeps us feeling young!

Let's celebrate the industry and honor the past, As we look to the future by making memories that last. With friends and family, we're sure to have fun After Gerardo's Casita, there's dancin' to be done!

And stay for the raffle to see if you've won.

There's so much to celebrate because we're 40...plus 1!

It's not too late to crash the bash! Join us for our 40+1 Birthday Bash on Friday, September 16. Music for boot-scootin' will be provided by Ransom Rhodes, graciously underwritten by Concho. Your support enables us to provide a quality experience to all who visit the Museum — children on a school field trip, interstate travelers learning something new or industry professionals touring investors or interns.

Tickets are available online. For more information, contact **Luanne Thornton** at 432-683-4403 or **Ithornton@petroleummuseum.org.** 

# **SIP:** Big Thanks for Their Help!

**THANK YOU** to the Students in Philanthropy from Midland College and Lee High School! Through their hard work and dedication to making a better community, these students made it possible for more than 30 children to attend our Summer Science Classes.

The generosity of these two SIP organizations enabled us to offer summer class scholarships to children at High Sky Children's Ranch, Buckner, Big Brothers Big Sisters, and the Genesis Center. These children had the opportunity to experience hands-on just how much fun science can be!

The Museum will be offering robotics classes throughout the fall semester and we would love to provide more scholarships to those in need. If you want to help us expand a child's mind and broaden horizons, please contact Luanne Thornton at 432-683-4403 or Ithornton@petroleummuseum.org.

# APPLAUSE, APPLAUSE

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:

Bison Drilling Sivalls, Inc. C.R. Sivalls

Jack Zuerker Randy Wilson

Susan May

Dr. Paul Mangum and his students

## 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 May 13 through August 30, 2016, were:

IN MEMORY OF...
Jim W. Adams

P.B. Geological & Geophysical Auxiliary
Bill Banks

Mr. & Mrs. Joe P. Liberty
Sue Marshall

Violet Banks
Mr. & Mrs. Joe P. Liberty
Carolyn Brown

Santa Rita Club

A.T. "Toby" Carleton

P.B. Geological & Geophysical Auxiliary

Mary Jo Darden

P.B. Geological & Geophysical Auxiliary

Jack Goodwin

P.B. Geological & Geophysical Auxiliary

Ann Harges

Santa Rita Club

Mr. & Mrs. Robert H. Moore, III

Rudolph "Rudy" Kuzmich Julie Beach LeMond **Howard W. Parker** 

Kaye B. Horchler

Mary B. Kennedy

Mr. & Mrs. Dan Pender Sue Marshall

Mr. & Mrs. James D. Moring

James Henry "Jim" Purvis

Mr. & Mrs. Steve Castle

P.B. Geological & Geophysical Auxiliary

**Lucille Semple** 

Mr. & Mrs. Joe P. Liberty

# **Notable Dates**

#### **SEPTEMBER**

#### September 6:

Date 'til 8

Museum open until 8:00 p.m.

Admission Charged - Members Free.

#### September 6:

**Building Bots** 

Robotics & Engineering FunLab: Biomedical Devices

5:30 to 7:30 p.m.

Grades K-6

Pre-registration required.

For more information or to register online, visit pbpetro.org.

#### September 10

"Making Makers"

Teacher Workshop

9 a.m. to 3:30 p.m.

6-hour CPE or GT credit

Pre-registration required through Region 18 website,

www.esc.18.net.

#### September 16:

40+1 Birthday Bash

6:30 to 11:00 p.m.

Country Themed Ticketed Event

Live Music by Ransom Rhodes, Underwritten by Concho

Raffle of Tom Lovell print, "Mud Owl's Warning"

Visit pbpetro.org for sponsorship opportunities and details,

or contact lthornton@petroleummuseum.org

#### September 20:

Brown Bag Lunch & Lecture Series

"I-20 Wildlife Preserve"

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

Free admission; drinks & desserts provided.

## Sponsor: Hahl Proctor Charitable Trust

### September 22:

Family Science  $\cap$  ight: "Bits and Bots"

6:30 to 8:00 p.m.

6:00 p.m. Early Admission for MEMBERS ONLY

Hands-on Science Projects

Free admission.

## Sponsor: Chevron

## September 27:

Arlen Edgar Distinguished Lecture Series

Speaker: Nizar Ibrahim

"Spinosaurus: Lost Giant of the Cretaceous"

7:00 p.m.

Free ticketed event.

6:30 p.m., Members Only Reception.

Reserve tickets online or call 432-683-4403.

## **Sponsor: Abell-Hanger Foundation**

#### **OCTOBER**

## October 4, 6, 11, 13:

Docent Training

9 a.m. to 12 noon

For information about becoming a Museum Docent,

contact the Education Department at education@petroleummuseum.org

or go online to pbpetro.org.

## October 4:

Date 'til 8

Museum open until 8:00 p.m.

Admission Charged - Members Free.

#### October 4:

Building Bots

Robotics & Engineering FunLab: Musical Engineering

5:30 to 7:30 p.m.

Grades K-6

Pre-registration required.

For more information or to register online, visit pbpetro.org.

#### October 18:

Brown Bag Lunch & Lecture Series

Speaker: Billy Chapman

"OCI Solar Power"

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

Free admission; drinks & desserts provided.

#### **Sponsor: Hahl Proctor Charitable Trust**

#### October 25:

Arlen Edgar Distinguished Lecture Series

Speaker: Thomas Ewing, author

"Texas Through Time"

7:00 p.m.

Free ticketed event.

6:30 p.m. Members Only Reception.

Reserve tickets online or call 432-683-4403.

### **Sponsor: Abell-Hanger Foundation**

#### October 31:

Halloween Tricks and Treats

6:30 to 8:00 p.m.

6:00 p.m. Free Early Admission for MEMBERS ONLY

\$5 per ticket or 5 tickets for \$20

\$5 stroller fee

Visit pbpetro.org for details.

## **NOVEMBER**

## November 1:

Date 'til 8

Museum open until 8:00 p.m.

Admission Charged – Members Free.

## November 1:

Building Bots

Robotics & Engineering FunLab: Bricks 4 Kidz

5:30 to 7:30 p.m.

Grades K-6

Pre-registration required.

For more information or to register online, visit pbpetro.org.

#### November 3:

The Art and Business of Collecting Minerals

Speaker: Dr. Robert Lavinsky, Gail & Jim Spann

6:30 to 8:30 p.m. Free ticketed event.

Reserve tickets online or call 432-683-4403.

Presentation on the care, geology and investment of

collecting fine mineral specimens.

### **DECEMBER**

## December 1:

Family Science Night: "Fossil Frenzy"

6:30 to 8:00 p.m.

6:00 p.m. Early Admission for MEMBERS ONLY

Hands-on Science Projects

Free admission.

Sponsor: Chevron

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



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

**Address Service Requested** 

Non-Profit Org. U.S. Postage PAID Permian Basin Petroleum Museum

Newsletter Underwritten by:



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

## Museum Staff

KATHY SHANNON **Executive Director** LUANNE THORNTON **Development Director** STACIE HANNA **Education Director** CAREY BEHRENDS Programs/Rentals Director TIFFANY BRADLEY Collections Manager JAMES WHITE Facilities Manager LISA WORDEN Finance Manager CHANNON GREGG Museum Store Manager LETTY RUBIO Office Manager

MARA BLAND **Program Coordinator** JOANNA HERNANDEZ **Education Assistant** OLIVIA THOMPSON Tours/Outreach Coordinator JEREMY JONES Marketing Manager BROOKE GREENWOOD Museum Store Assistant KEITH DOUCET Chaparral Specialist **ERIN BARRETT** Robotics Specialist LANA CUNNINGHAM Public Relations Consultant

Museum Bit & Bytes is published quarterly by the Petroleum Museum. For more information call 432-683-4403 or visit the website at pbpetro.org. 9/16

# THE MUSEUM STORE



MUCH MORE THAN JUST A "GIFT SHOP" – With collectible works of art from prominent artists to amusing T-shirts, our Museum Store has a vast array of unique industry related items that are sure to please everyone from the inquisitive child to the seasoned executive. Shop online at pbpetro.org/store or come by and visit us 10 a.m. to 5 p.m. Monday through Saturday and 2 to 5 p.m. Sunday. Be sure to like us on Facebook to receive special offers and discounts! (facebook.com/petroleummuseum)