

2018 BOARD OF DIRECTORS

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AADE PERMIAN STUDENT CHAPTER REPS

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Kyle Marshall - UT Permian Basin	kmarshall@laredopetro.com
Nate Bingham - New Mexico Tech	nbingham@eeronline.com

MESSAGE FROM THE AADE PERMIAN BASIN PRESIDENT - SCOTT WILLIAMS

Good Day Everyone!

On a recent trip to Dallas, via Southwest, I could not help but notice our military men and women passing by on their way from who knows where or to who knows where. I wanted to stop each one and thank them for serving our country, sacrificing for me and you, and some ultimately making the largest sacrifice anyone can. About an hour before we boarded for home that evening, I was enjoying good company and food when two military officers took a seat near us. I asked our waiter to please bring me the charges for their dinner which I have done many times before. Almost always the service men will insist on knowing who did this and these two were not an exception. Both took time to come over and thank me for the gesture. My point is not about what I did, but more so the opportunity to thank someone that gets up every day to have our back without them ever knowing their fellow Americans. Gratitude is not near as infectious anymore as it once was in this country. Take a moment to be the exception today. Put a smile on someone's face that was least expecting it. ---I borrowed this from a recent Apache article sent to us and I find it uplifting and fitting.

Practicing Gratitude

In the midst of our never-ending to-do list, it can seem impossible to slow down for something so intangible. So, make it tangible! Start by affirming the goodness in your life. Make a list of your high points of the day.

Don't just focus on material things but think about what is truly meaningful for you: health, a passion for your work, a good conversation. Then, acknowledge the people around you. Write a letter to someone who has added to your success or well-being; those outside sources who have contributed to the goodness in our lives. The ways you practice gratitude will vary. No matter what you choose, you'll be on your way to a healthier and happier outlook on life.

We are looking forward to another large attendance in this meeting as Andrew Hunter shares the problems associated with the San Andres Formation. Also, need to clean those shotguns and get ready for the AADE SHOOT, June 8th, which will take the place of our regularly scheduled monthly meeting. You will be hearing more on this as it gets closer. In July we will be reaching out again concerning the Inaugural Summer Shindig, July 12th. On August 14th we will return to our regularly scheduled luncheon meetings.

Travel safe everyone this summer! Don't forget to share some gratitude along the way!

Warm regards,

Scott Williams

Meeting
 May 8, 2018
Time
 11:30 to 1:00
Place
 Green Tree
 CC
Cost
 \$35 RSVP
RSVP
 Alexis Rice

TODAYS PRESENTATION

The “San Andres” Problem

“Shallow Injection Has Become the Biggest Drilling Hazard in the Midland Basin”



Andrew Hunter - Drilling Engineering Advisor at Guidon Energy

Andrew has 11 years of experience including five years as an Operations Horizontal Drilling Engineer in the Midland, Eagle Ford, Haynesville, and Barnett Shale Basins. He also has been a lead well-site supervisor in the Midland Basin and East Texas along with three years in Deep-water G.O.M. involving drilling, completion, and production. He is a technical expert in well planning, well execution, data analysis, drilling optimization, process safety, risk management, and the identification and implementation of best practices. Andrew has a proven track record of driving performance with data-driven decisions, detail-oriented work, team building, leadership, strong technical writing, effective communication, and strong personal ethics.



Calendar Events 2018

May 8, 2018 - 11:30	Luncheon
June 8, 2018 - 11:30	AADE Sporting Clay Shoot
July 12, 2018	AADE/IADD/IADC/SPE/WEN Event

This schedule is tentative and subject to change

Our Steering Committee members are here to serve you. Please give us feedback and ideas on how we can improve our chapter of AADE. **Gerrit Bennis — Chairman**
mbennis@cameron.slb.com

We appreciate our sponsors. If you would like to sponsor a meeting, please contact **Josh Sperry—Program Chair** jsperry@arcoperating.com or 432-894-8331.

We Would Like to Thank The Sponsors for this Month's Permian Basin AADE Luncheon Presentation

HALLIBURTON DRILL BITS



Schlumberger



2018

Upcoming
EVENTS



Lets shoot
something



SAVE THE DATE — SPORTING CLAY SHOOT
June 8, 2018

AADE

AMERICAN ASSOCIATION
of DRILLING ENGINEERS

UTPB Students on a rig tour of a Laredo Petroleum rig site, led by Kyle Marshall - UTPB Liaison. Our thanks to Laredo Petroleum for hosting the students.





Looking for Summer Interns or Employees?

If you're looking for a good hand, think about employing an engineering college student for the summer. Through AADE, we work with engineering students from New Mexico Tech, Texas Tech, and UTPB. These young people are **READY** and **ABLE** to work! They don't mind what type of job, as long as it is in the oil and gas industry. They are looking for one thing: **EXPERIENCE**. Almost every young person we have referred has been offered a job by that firm at the end of the summer. These students have such excellence and desire to make a difference! They will work frac jobs, drilling rigs, water transfer, and roustabout, whatever you may have available. I encourage you to think outside the box - you will gain a proponent of your company and possibly the best employee you have hired! If you're interested in talking to any of these students, please let an AADE board member know or reach out to;

Roman Budinskiy – Texas Tech Liaison – 817-818-9634

Kyle Marshall - UTPB Liaison – 239-246-5283

Nate Bingham - New Mexico Tech Liaison – 505-330-7351



AMERICAN ASSOCIATION OF DRILLING ENGINEERS SCHOLARSHIP PROGRAM INSTRUCTION SHEET

Sponsored by the American Association of Drilling Engineers – Permian Basin Chapter

- OBJECTIVE:** To provide educational assistance to Petroleum Engineering Students and, thereby encourage him or her to reach their educational goals.
- ELIGIBILITY:** Applicant must be enrolled in an Engineering discipline with an interest in drilling. Awards will be made only to those continuing undergraduate degree programs and have obtained at least 24 hours of credits and maintain a 3.0 or greater GPA while attending a 4 year accredited school.
- ASSISTANCE:** Cash scholarships will be paid directly to student upon proof of admission for the academic year.
- APPLICATIONS:** *Only official AADE Scholarship Forms will be accepted.* Application forms and all supporting materials must be returned to AADE Scholarship Chairman. No applications will be processed without a copy of the most recent transcript of college (or high school) grades, official documentations of ACT or SAT test scores, and a personal essay. Applicants must include the name of the college they are attending. Applicant must notify the AADE Scholarship committee if there are any changes. The scholarship committee will initially screen all applications submitted and will select the recipients of the cash scholarships.

AWARD PROCEDURES:

1. Applications must be received by the AADE Scholarship Committee in a timely manner.
2. The Scholarship Committee initially screens all submitted applications and selects the final recipients. Committee decisions are final.
3. Recipients chosen by the Scholarship Committee are notified by mail.
4. Award winners will be announced in the AADE Chapter meeting.
5. Checks will be issued to the student after he/she sends an official verification of full time enrollment to AADE. The annual scholarship will be divided into two payments; one for the first term and another for the last term of the regular academic year.

Contact an AADE Permian Basin officer or board member for more information or if you have any questions.

American Association of Drilling Engineers
Attn: Scholarship Chairman
P.O. Box 51038
Midland, TX 79710

<http://www.aade.org/Permian/>



American Association of Drilling Engineers
Permian Basin Chapter

PB AADE SCHOLARSHIP APPLICATION

Name: _____ Age: _____ Sex: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone Number: _____ Relative in AADE (Name): _____

Hometown: _____ Relationship: _____

Parent in O&G Industry? _____

Interest Level of Drilling: Low Medium High _____ Type of Business: _____

ENROLLED COLLEGE STUDENTS: University: _____

Degree Pursuing: BS MS PhD Overall GPA: _____ Prior Semester GPA: _____

Undergraduate Hours Completed: _____ Major: _____ Graduate Hours Completed: _____

Anticipated Graduation Date: _____

Spouse Name: _____ Occupation: _____

Children (names & ages): _____

Father's Name: _____ Occupation: _____

Mother's Name: _____ Occupation: _____

Parent/Guardian Household Income: \$30k< \$30k - \$50k \$50k - \$75k \$75k>

Extra Curricular Activities and Interests: _____

% College Expenses Earned or Anticipated to be Earned: _____ How Earned? _____

Source of Funding for College Expenses not Earned: _____

Are you presently holding a part time job? _____ If Yes, Where? _____

Employment record (include most recent summer, part and full-time employment):

Name of Business	Location (City/State)	Dates of Employment

Present scholarships held*: _____ Expiration date(s): _____

Past scholarships awarded*: _____

(*Indicate Amount and Source of Scholarship; continue on separate sheet if necessary)

References (list 3 persons, not relatives, that will provide a reference. At least 1 to be an eng. dept. professor):

Name	Address (City/State)	Telephone Number

USING APPROXIMATELY 250-400 WORDS, PLEASE EXPLAIN YOUR NEED FOR A SCHOLARSHIP AND YOUR CAREER OBJECTIVES. ATTACH YOUR MOST RECENT TRANSCRIPT OF HIGH SCHOOL GRADES AND DOCUMENTATION OF ACT OR SAT SCORES OR COLLEGE GRADES.

Please date and sign the application below and return it as soon as possible to:
 American Association of Drilling Engineers
 Scholarship Chairman
 P.O. Box 51038
 Midland, TX 79710

Applicant's Signature: _____ Date: _____

Industry Training 2018

We provide quality training programs designed to keep oil and gas industry professionals current in their areas of expertise by offering the latest industry updates, as well as providing timely and pertinent educational opportunities. This guide presents training programs offered May 2018.

GEOLOGY

- May 3 - 4 Carbonate Reservoir Characterization: The Lucia Method; *David M. Orchard*
- May 11 "OLD" (Pre-1958) Electric Logs: A Quick Review; *George Asquith, PhD*
- May 14-16 Introduction to Log Interpretation and Log Quality; *Gary Batcheller*

ECONOMICS

- May 21 - 24 Economic Evaluation and Investment Decision Methods; *John M. Stermole, PhD*

ENGINEERING

- May 7 Optimizing Oilfield Systems using Spreadsheet Models; *L. Peter Galusky, Jr., PhD*
- May 7 - 11 PetroSkills: Unconventional Resources Completion and Stimulation; *Larry Britt*
- May 8 - 9 Sucker Rod Pumps: From the Basics to Troubleshooting Sand and Gas Interference; *Rodney Sands*
- May 14 -17 Gas Lift Design And Operations; *Michael K. Johnson*
- May 17 -18 Introduction to Well Completion Design; *Gary Batcheller*

LAND

- May 8 - 9 Petroleum Land Management; *Alyce Hoge*
- May 15 Division Orders 101; *Sherry Robinson*
- May 30 Right of Way Acquisition Training; *Don Valden*
- May 31 Advanced Right of Way Acquisition Training; *Don Valden*

SOFTWARE

- May 22 - 23 Petra Fundamentals; *Greg Hinterlong*

SEMINARS

- May 22 SPE-YP, "Fighting for the Permian Basin"; *Stephen Robertson, PBPA*
- May 24 Permian Basin Environmental Regulatory Seminar

NEW courses!

- May 8 - 9 LMKR: GGX-Project and Data Management Essentials; *Andrew Vessel*
- May 10 - 11 LMKR: PRIZM—Petrophysics Essentials; *John French*
- May 31 LMKR: Data Cleanup; *Scott Oelfke*

"Vitality important for a young man or woman is, first, to realize the value of education and then to cultivate earnestly, aggressively, ceaselessly, the habit of self-education."

- B.C. Forbes

Online Certificate Program

Division Order

May 2

Module 2 of 6: Land Titles, Title Examination, and Title Opinions by Alyce Hoge

June 4

Module 3 of 6: Land and Leasing by Alyce Hoge

Petroleum Land Management

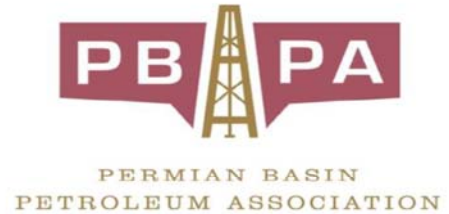
May 2

Module 2 of 6: Title: Chaining, Interpreting, and Curing Title by Alyce Hoge

June 4

Module 3 of 6: Oil and Gas Lease Interpretation, Negotiation and Interest Calculations by Alyce Hoge

To register for a course, call **1.432.683.2832** or visit our website at <https://ce.midland.edu/ppdc/>



2018 Permian Basin Environmental Regulatory Seminar

7:30 a.m. to 5:00 p.m., Thursday, May 24, 2018

Midland College Main Campus - Carrasco Room

3600 N. Garfield Street, Midland, Texas

Presenters and Topics

Independent Petroleum Association of America, Samantha B. McDonald

Trump, Congress and Critters

Texas Commission on Environmental Quality, Keith Sheedy, PE

TCEQ Overview and Updates Concerning Oil and Gas Operations

New Mexico Oil & Gas Association, Ryan Flynn

Update on New Mexico's Oil and Natural Gas Industry: A Discussion of the Current State of the Industry in New Mexico

Railroad Commission of Texas, Aaron Velasco, PhD

Seismicity and Salt Water Disposal Well Permitting

Permian Basin Petroleum Association, Ben Shepperd

PBPA Regulatory Priorities

Texas Comptroller's Office, Robert L. Gulley, PhD, JD

Endangered Species – Dune Sagebrush Lizard and TCP

Stephen M. Pocsik, Attorney at Law

Ethics in Oilfield Mergers and Acquisitions

Railroad Commission of Texas, Jeffery Morgan

Regulatory Highlights in the Midland District

University Lands, Richard Brantley

Water Commercialization and Emissions Management on University Lands

SCS Engineers, Neil C. Nowak, PE

High Density Polyethylene (HDPE) Lined Produced/Flow-back Water Evaporation Ponds

R.T. Hicks Consultants, Randall T. Hicks

NMOCD's Proposed Spill Rule: The Good, The Bad and the Ugly

Texas Tech Law, William R. Keffer, JD

Government Regulation of Wind Energy

Oncor Electric Delivery Company LLC, Thomas Yamin, PE

The Regulated Electrical Industry and Its Impact on Customers



2018 Permian Basin Environmental Regulatory Seminar

The Midland College (MC) Petroleum Professional Development Center is once again partnering with the Society of Petroleum Engineers and the Permian Basin Petroleum Association to host the annual Permian Basin Environmental Regulatory Seminar scheduled for Thursday, May 24, 7:30 a.m. to 5:00 p.m., on the main MC campus in the Scharbauer Student Center Carrasco Room. The seminar is held each spring in response to concerns from oil and gas industry professionals who need to keep current with environmental regulatory and policy changes. This important one-day seminar will focus on regulatory changes from the past year, distilled to highlight changes with actual operational impacts. Important changes to policies and approaches will also be presented and explored in terms of real "on the ground" impact to regulated facilities.

REGISTER NOW

Early Bird
Until April 22,
2018
\$155

Full Price
Until May 13, 2018
\$200

Late Price
After May 13,
2018
\$250



AMERICAN ASSOCIATION OF DRILLING ENGINEERS MEMBERSHIP APPLICATION

DATE: _____

Join Online: <http://www.aade.org/about-aade/membership/>

Chapter Affiliation *(please check one of the following)* :

Appalachian	Central Texas	Dallas/Fort Worth	Houston	Lafayette	New Orleans	West Coast	Denver	Permian Basin	Mid-Continent	Anchorage Alaska
\$25.00	\$25.00	\$20.00	\$30.00	\$25.00	\$25.00	\$25.00	\$30.00	\$25.00	\$25.00	\$30.00

_____	_____	_____
Last Name	First Name	MI
_____	_____	_____
Company	Title	Business Phone
_____	_____	_____
Address	Fax	
_____	_____	_____
City	St.	Zip Code
		E-Mail Address

Business Type: *(Please circle one)*
 (10) Oil and Gas Producer (20) Engineering/Operations Consulting (30) Environmental (40) Equipment/Service Supply Company
 (50) Consumable Product/Service Supply Company (60) Drilling Contractor (70) Governmental or Regulatory Agency (80) Other

Job Function: *(Please circle one)*
 (A) Management (B) Engineering (C) Operations (D) Technical Support/Service (E) Research and Development
 (F) Field Service/Technician (G) Training (H) Purchasing (I) Marketing/Sales (J) Other

AADE FORM No. 020 (8/94) Rev. 01/08/18	Member No. _____
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Mail Form and Payment direct to appropriate Chapter(s).

CHAPTERS:

APPALACHIAN:	Attn: Joshua Doak c/o Range Resources, 3000 Town Center Blvd.	Canonsburg, PA 15317
CENTRAL TEXAS:	PO Box 591640	San Antonio, TX 78259
NEW ORLEANS:	PO Box 51929	New Orleans LA 70151 - 1929
LAFAYETTE:	PO Box 80023	Lafayette LA 70598 - 0023
HOUSTON:	PO Box 107	Houston TX 77001-0107
DALLAS/FT. WORTH:	PO Box 801205	Dallas, TX 75380-1205
WEST COAST:	PO Box 9953	Bakersfield CA 93389
DENVER:	PO Box 13367	Denver, CO 80201
PERMIAN BASIN:	PO Box 51038	Midland TX - 79710
MID-CONTINENT:	PO Box 30263	Edmond, OK 73003-0004
ALASKA:	PO Box 93538	Anchorage AK 99509-3538

AADE NATIONAL HEADQUARTERS: (Do not mail Dues Payment to this address)

P.O. Box 107 Houston, TX 77001 281-293-9800 carolynberry@att.net

Join Online: <http://www.aade.org/about-aade/membership/>