Welcome to Our 2016 Spring Newsletter!

We all know this past year has been extremely challenging; however despite the collapse in oil price, we do have some good news to announce. First, I am delighted to welcome Dr. Jiajing Lin as the newest member to our team. She earned her doctorate from Texas A&M and was instructor there until starting her appointment at NMT in August 2015. You can find more about Dr. Lin inside the newsletter. She has been an excellent addition to the program and we look forward to her continued success in the future. Second, our students continue to well represent NMT at competitions. Arash Memarzadeh, a recent Tech graduate, placed first in the SPE International Student Paper Contest in the Masters Division during the SPE Annual Technical Conference and Exhibition in Houston. His advisor is Dr. Hamid Rahnema. And Hiep Phan (advisor is Dr. Tan Nguyen) won best poster presentation at the SPE Liquids Rich Conference in Midland, Texas in August. And last, thanks to the support of the alumni we raised approximately $30,000 to upgrade and expand the Reservoir Simulation and Characterization Lab.

Upcoming this year will be our ABET accreditation program review; along with all other engineering programs on campus. As part of this review, alumni will be contacted to provide feedback with regards to curriculum, program objectives and outcomes. A survey has been developed and will be available soon for you to complete. Your input will be useful in improving our program and preparing graduates for their future career. Also, please don’t forget our Senior Design Poster Presentations are Friday, April 22, from 2:00-4:00pm in Fidel Ballrooms A-B. This is the culmination of two semesters of senior design work and students value the input received from professionals who attend. On the same weekend is also the Dr. Chen Classic. Saturday, April 23 with a shotgun start at 8:30am, followed by the Langdon B. Taylor Banquet beginning at 5:00pm in the Best Western Convention Center. Please come join us and make a weekend trip to beautiful Socorro. See you there!

Thomas W. Engler, Ph.D., P.E.
Inside the Petroleum Department

Reservoir Simulation & Characterization Lab Update

Fundraising for the lab continues and we are thankful for the donations! We have already met $27,000 of the $50,000 goal. The current lab is heavily used for instruction, especially during the spring semester, and funds raised to-date allowed us to purchase new computers to update the primary lab and a printer to install in a second, newly acquired space. The new desktops in the primary lab can now support donated software programs like CMG, Pipesim and KAPPA. The secondary, albeit smaller space, will allow students to work on assignments and have access to the printer when the primary space is being used for class.

NMT Petroleum Engineering Parents Get Involved

The 2015-16 academic year has not only seen an increase in student volunteers, but parents have also been visible. We would like to personally thank parents for their continued involvement, from barbecues to the banquet and golf tournaments (Dr. Chen Classic and 49ers), and overall involvement.

Thank you to the Parents:

The Maxey’s  The Shaffer’s  The Filonowich’s

Wild Well Control School in a New Format March 4-5, 2016

IADC implemented some changes where Wild Well Control had to restructure their university training program. For 2016, 18 students will spend Friday and Saturday working towards their certification. This year’s costs, including fees and food/snacks, is estimated at $2,000.

Without the gracious donations, we would not be able to offer this training on a yearly basis. This year we would like to thank the AADE Permian Basin Chapter, Janie Snelson

<table>
<thead>
<tr>
<th>Inside the Petroleum Department</th>
<th>Front Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>From the Corner Office</td>
<td></td>
</tr>
<tr>
<td>Inside the Petroleum Department</td>
<td>2</td>
</tr>
<tr>
<td>Student Highlights &amp; Apache Hosts Field Trip</td>
<td>3-4</td>
</tr>
<tr>
<td>Faculty Spotlight and Research</td>
<td>5-6</td>
</tr>
<tr>
<td>Student Opportunities</td>
<td>7</td>
</tr>
<tr>
<td>Annual Donor List</td>
<td>8-9</td>
</tr>
<tr>
<td>2016 Dr. Chen Classic</td>
<td>10</td>
</tr>
<tr>
<td>2016 Langdon B. Taylor Banquet &amp; Events</td>
<td>11</td>
</tr>
<tr>
<td>NMT SPE Chapter &amp; Enenergy4me</td>
<td>12-13</td>
</tr>
<tr>
<td>NMT AADE Chapter</td>
<td>14</td>
</tr>
<tr>
<td>Scholarships</td>
<td>15-17</td>
</tr>
<tr>
<td>Student Conferences</td>
<td>18</td>
</tr>
<tr>
<td>2015 SPE SWNA Region Awards</td>
<td>19</td>
</tr>
<tr>
<td>ATCE Highlights</td>
<td>20</td>
</tr>
<tr>
<td>2015 Alumni Reception, Houston, TX</td>
<td>21</td>
</tr>
<tr>
<td>Alumni Sightings</td>
<td>22</td>
</tr>
<tr>
<td>2016 NMT SPE 49ers Gold Rush Golf Scramble</td>
<td>23</td>
</tr>
</tbody>
</table>
Arash Memarzadeh, a recent 2015 M.S. graduate, won the department student paper contest in 2014, advanced to and placed first in the SPE Southwestern North America Regional Student Paper Contest in the spring of 2015. As a first place winner, he received a paid trip to Houston, Texas, in September 2015 to compete in the SPE International Student Paper Contest. The room was full of NMT students, faculty, including his research advisor, Hamid Rahnema, and current/former SPE SWNA Regional Directors.

Arash placed first in the international contest and he recalls the loud cheering “overwhelming the rest of the audience” and news spread quickly around the convention center.

A press release was issued and can be viewed on our website under News Archives.

Hiep Phan presented his poster, Experimental Investigation on Foamy-Oil Rheology and its Effect on a Centrifugal Pump Performance,” at the 2015 SPE Liquids-Rich Basins Conference in Midland, TX. Hiep’s poster placed first at the conference.

Hiep’s is conducting research under Dr. Tan Nguyen.

The Department Student Paper Contest was held on January 29, 2016. Four students will travel to Austin, TX, to compete in the 2016 SPE Southwestern North America Regional Student Paper Contest, hosted by the University of Texas at Austin. Senior, Lindsey Rasmussen, will compete in the B.S. division. In the M.S. division: Nirbendra KC and Rafael Valladares de Almeida. Ivan Kurnia will compete in the Ph.D. division. The universities competing in this year’s regional contest are NMT, UT Austin and Texas Tech. Pictured with Lindsey, Ivan, Nirbendra and Rafael is NMT SPE’s Faculty Advisor, Dr. Robert Balch.
HIGHLIGHTS: Apache Hosts New Mexico Tech Students

Apache hosts New Mexico Tech students

11/23/2015  Permian Region  EXPLORE  All Locations

Apache’s Permian Region hosted a field visit in Artesia, New Mexico, Nov. 17 for 18 petroleum engineering students from New Mexico Institute of Mining and Technology (NMT). Javier Berdoza, production foreman, led the field visit with coordination from Apache intern Dylan Larson, junior petroleum engineering student at NMT who interned this summer in Artesia and will return for his second internship in 2016 working in Permian Production.

“We were excited to help the students get some common knowledge of how Apache’s equipment operates in the real world,” said Berdoza. “We began the trip with a safety tailgate meeting and orientation, followed by visits to a pulling unit to understand well workover procedures, a production battery and facilities overview, and various well sites to understand artificial lift equipment including a conventional pumping unit, rototex unit, electric submersible pump and Mark II pumping unit. Dylan did an excellent job putting this together for his classmates.”

Dylan expressed his appreciation to all who made the field visit possible. “I know all the students, and I had a great time and learned a lot! We really appreciate the opportunity to give our students some exposure and experience in the field. I would especially like to thank Javier, David, Brad, Cesar, Bear and Jorge for sharing their knowledge with us and making sure everyone stayed safe. Of course, we’d also like to thank Lucky Well Services for cooking us lunch! Hopefully we can do this again sometime in the future.” Dylan also added how excited and ready he is to come back to work with Apache next summer.

Dr. Thomas Engler, professor of Petroleum and Natural Gas Engineering at NMT, gave his appreciation for this opportunity to the students. “I attended an SPE distinguished lecture and several students were raving about the field trip hosted by Apache. Thank you for providing this experience to our students.”
FACULTY SPOTLIGHT: Jiajing Lin

In August, we welcomed Dr. Jiajing Lin to the department! She received her Ph.D. from Texas A&M, and her main research areas include general production engineering, modeling of complex hydraulic fracture development in unconventional reservoirs, interaction analysis of hydraulic fractures with natural fractures, evaluation of well performance from unconventional gas and oil reservoirs, performance of stimulated wells, design and analysis of hydraulic fracturing system, intelligent completion technology and carbonated and sandstone acidizing.

For the fall 2015 semester she taught Production Engineering and Horizontal Completion and Stimulation. This spring, she is teaching Well Testing and Well Stimulation.

When asked what attracted her to NMT, she replied, “Tech has over 60 years' experience. It is my honor to work in such a long history department.” What she looks forward to, as a professor here is “to be an expert on production and completion areas, and a popular professor with the students.” Dr. Lin currently advises five graduate students in research.

She is a member of the Society of Petroleum Engineers (SPE) as a Young Professional, is a technical editor of the journal, Fluid Phase Equilibria and Journal of Natural Gas Science & Engineering.

In her spare time she enjoys traveling and enjoys the “different experiences in food, culture, and life.”

If you find yourself in Socorro and on the third floor in MSEC, feel free to stop by and say hello.

FACULTY RESEARCH

Dr. Hamid Rahnema In our research group, we try to address production and recovery challenges from unconventional resources. Currently, 6 graduate students are working on different research projects from numerical modeling, laboratory testing to the field data analysis.

In one project, graduate student, Rafael Valladares is developing a modeling tool to predict compositional variation and heat losses in injection wellbore. This model will assist industry in the design of operating condition and selection of the proper solvent in the hybrid steam-solvent injection process.

In another research, Aly ElMasry (pictured right) is investigating the asphaltene deposition and precipitation in heavy crude oil sample from a field in California. Using experimental apparatus, he wants to answer this question that how much heavy oil is in-situ upgraded during solvent-based injection processes.

For more information please visit Dr. Rahnema webpage.
P.I. Dr. Tan Nguyen—Current Research Focus

**Drilling:** Managed Pressure Drilling (MPD) is my focus now. Incorporation thixotropic property of drilling fluids into the conventional hydraulics model to improve the bottomhole pressure prediction in MPD is one of the projects I have been working on. Controlled Annular Mud Level Drilling (CAML), a MPD technique used to drill deep and ultra-deep offshore wells, is another focus. We synergize the CAML drilling and drilling fluid rheology to optimize the casing and cementing design program. We also study the possibility of using Mud Cap Drilling (MCD) to drill through one of the undrillable wells in Iraq.

**Artificial Lift:** We have been studying different lift methods including: Progressive Cavity Pump (PCP), Electrical Submersible Pump (ESP), Gas Lift (GL), and Rod Sucker Pump (RSP). For PCP, we have tried to develop a unified model, used to predict the actual multi-lobe PCP’s performance under actual operating conditions. Effect of sand erosion on an ESP performance is the main focus for the ESP project. A new approach for unloading a well using single point gas lift injection with supercritical CO₂ is the new direction for the GL project. Lastly, for the rod pump project, we focus on applications of viscous oil in a rod sucker pump system.

**Well Stimulation:** Proppant transport and reuse of the flow back in hydraulic fracturing are the two current projects that we are conducting. For the proppant transport project, we are trying to develop flow pattern maps for different friction reducers in horizontal pipes under two phase flow conditions: liquid and proppant. The prediction of frictional pressure drop for each flow pattern has been introduced. For the second project, optimizing the reuse of flowback fluid for slickwater fracturing is our main focus. The key variable parameters are different types and concentrations of salinities, different types and concentration of friction reducers.

**Student Opportunities**

**Artificial Lift Workshop**

In November, current SPE Distinguished Lecturer, Rajan Chokshi, took time to visit New Mexico Tech. He gave a technical talk the evening before teaching a room of undergrad and grad students in a full day Artificial Lift Workshop. Masters student, Ricardo Lira, adds, “It was really insightful and pleasant to take part in the Artificial Lift Workshop with Rajan. Having someone who is directly linked to the industry talking about the state of the art technologies is a must for any engineering degree, mixing technical knowledge with industry experience.”

The event was hosted by the SPE Roswell Section and sponsored by Weatherford.

**Frac Fluids Workshop**

For a second year, NMT SPE hosted a frac fluids workshop for students. JJ McGlasson returned to give a technical talk at the general meeting. The following day students had the option to attend one of four sessions on fracturing fluids.

**Diagnostic Fracture Injection Test (DFIT)/MiniFrac Workshop**

Shanker Muraleedharan gave a technical talk, hosted by NMT SPE, in the fall. This spring, he returned to give three sessions of a DFIT/Minifrac Workshop, hosted by SPE Roswell Section and the department. Shanker spent time instructing students how to plug data into Fekete, software now owned by IHS and donated to the department yearly.
New Mexico Tech Department of Petroleum Engineering. Our department is successful due to a large number of yearly donations and contributions from our alumni, industry, and friends.

### DONORS Since 2010

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<th>Donation Range</th>
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<td>$25,000-$49,999</td>
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| Gifts up to $99 | Jeff Corey Billy Harris Dave Martin Albert Ofori Kate Wavrik |
Current Student Donations/Money and/or Significant Time
Marty Gonzales
Hunter Filonowich
Dylan Larson
Barbara Maduro
Jonah Katz
Jonathan Burwell
Mark Shaffer

Corporate Support
Apache Corporation
A-Plus Well Services
Armstrong Energy
Baker Hughes
Chevron (Abel Lobato, Warner Williams)
Concho Resources
ConocoPhillips (Dan Voecks)
Devon
DJ Simmons
Elite Well Services
Energen
Harvard Petroleum
Hunt Cimarron, LP
Independent Petroleum Association
New Mexico (IPANM)
Lindrith Backhoe & Oilfield Services
Maxey Engineering, LLC
HEYCO
New Mexico Oil & Gas Association (NMOGA)
NonDarcy Oil
Par Five
Packers Plus
Performance Sciences, Inc.
Read & Stevens, Inc.
Rising Star Services
Schlumberger Carbon Services
Silver Oak Drilling
Strata Production
Three Forks Resources
Western Site Technologies, Inc.
Wildcat Measurement
Wild Well Control/Steve Vorenkamp
Yates Petroleum

New computers in the Reservoir Characterization and Simulation Lab

New computer lab space pending renovations
Dr. Chen Classic April 23, 2016

The yearly tradition to have a senior student team and an alumni team continues.

Registration begins at 7:30am.  8:30am Shotgun Start

The fee is $30 and includes goody bags loaded with snacks, green fees, and a golf cart.  4-person scramble.

RSVP by Tuesday, April 8, 2016

Students RSVP by March 28, 2016

You can mail or call in your payment or bring it with you the day of the tournament. Checks & credit cards accepted-please do not send cash.

Chen Classic awards presented at the Langdon B. Taylor Banquet.

This is Our FINAL Rodeo Team.
Brothers Pat and Riley Breslin pose with their father and grandfather during the 2015 tournament. Pat graduated in 2014 and Riley in 2015.

His Name is the Game Team.
Dr. Chen with juniors, Robert Kaniecki, John Mark Stiles and Jonathan Tran, took last place in the 2015 scramble.
**Department & SPE Weekend-Long Events**

**Please join us!**

**Friday, April 22, 2016**

**Senior Design Poster Presentations** 2:00pm-4:00pm, Fidel Ballrooms

**SPE Silent Auction Day #1** This successful chapter fundraiser returns for a second year. 2:00-4:00pm Outside Fidel Ballrooms

**Year-End BBQ** 6:00pm-10:00pm Hosted by the AADE Chapter. BBQ for alumni, IAB members, faculty, staff, and out-of-town guests. Location: 1223 Apache Drive (corner of Mesa Ct & Apache Dr.). **Not open to the public.**

**Saturday, April 23, 2016**

**Alumni Brunch.** Hosted by Tom and Nancy Engler.

**SPE SPRING FUNDRAISER-DRAWING TICKETS AVAILABLE in March!** You can find tickets on our website to download, print, and send to us. Contact Karen for payment by credit card.

**Langdon Taylor Banquet** Hosted by NMT SPE Student Chapter. **NEW VENUE! Best Western Convention Center**

**SPE Silent Auction Day #2** At the banquet. 5:00-7:30pm

$25/person **OR $35 after April 8 or at the door without a reservation**

**Visit our website for a printable registration form**

5:00-5:45pm Social Hour
6:00pm Dinner
7:00pm Guest Speaker: Janeen Judah, 2017 SPE International President
Awards following Dinner

**Alumni Nightcap.** Hosted by Bob & Karen Balch.

**ALL RESERVATIONS DUE BY**

**Friday, APRIL 8th, 2016**

Call 575.835.5412 to register or email: kmbalch@nmt.edu

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Since the time the 2015-16 NMT SPE Student Chapter officers were elected, the devotion and dedication has since been shown through the continuous planning and execution of all aspects of the club. The 2015-16 officers are as follows:

**President: Barbie Maduro, Vice-President: Mark Shaffer, Secretary: Jon Burwell, Treasurer: Andrew Chan, Social Coordinator: Cristian Garcia, Golf Chair: William Morgan**

The 2015-16 academic year has been quite busy for the NMT SPE Student Chapter. This year has been full of technical, educational, and social events, as well as, attending conferences and fundraising opportunities. This year, technical speakers accompanied monthly general meetings and the Student Chapter was able to bring in technical workshops, such as the Frac Fluids Workshop.

The NMT SPE Student Chapter made a statement at every conference attended this year with our ‘bold, bright, and colorful’ polo’s. The Student Chapter began attending the Liquids-Rich Basin Conference this year in Midland, TX, where students were able to meet with the Keynote Speaker – George King. Other conferences attended include IPANM in Albuquerque, NM; SPE Annual Technical Conference & Exhibition in Houston, TX; Student Symposium 2016 in Houston, TX. Upcoming events will include SWNA Region Student Leadership Symposium in Roswell, NM; SWNA Regional Student Paper Contest and North America Regional Petrobowl Qualifier, both in Austin, TX.

Due to the unfortunate downturn in the Petroleum and Natural Gas Industry, the NMT SPE Student Chapter found that it was necessary to begin fundraising early and often. Small-scale fundraisers occur twice monthly to support the Student Chapter activities. These fundraisers include patio barbecues, Frito pie sales, bake sales, See’s candy bar sales, and more. Our biggest fundraiser for this year was the 13th Annual Gold Rush Golf Scramble, which occurred on October 16, 2015. Participants in the tournament included industry members, alumni, faculty, and students. The Student Chapter member volunteers were able to interact with the industry members in a casual setting. The student chapter was able to fundraise $4,000 from the event. This money will be used to help assist in costs for future conferences and events.

**The NMT SPE Student Chapter would like to recognize the enthusiastic volunteers for their efforts in making all of these events successful!**

The upcoming events being planned include Dr. Chen Classic and Langdon B. Taylor Annual Awards Banquet.

**The NMT SPE Student Chapter would like to thank all sponsors for donations received!**
The department recently received visitors during Research at Tech Day, and the chapter volunteered to host the visiting students (and families). Prospective students learned about the drilling lab, and how our drilling simulator works, the reservoir lab, and received a brief overview of the software programs in the Reservoir and Characterization Lab.

NMT SPE will participate, with other engineering students, in Engineering Week (February 22). This is the fourth annual Engineering Week at NMT. Students from local schools were brought to campus. They rotated around the room for demonstrations by the engineering clubs. The petroleum students gave a petroleum deposition demonstration, as well as a fact and fiction and energy match up game. The materials used came from their Energy4me kit.

The Energy4me volunteers received a request to participate in MESA Day around the state: Las Vegas, Las Cruces and Albuquerque. The students are sitting at a booth speaking to MESA students about science, engineering, New Mexico Tech and the STEM-related programs at NMT, including petroleum engineering.

On March 3, the students will be engaged with Science Night at the Sarracino Middle School where middle school students and families can view demonstrations related to math and science. The chapter is planning to build three bottles: density, artisan diver, sediments. They will do another deposition demonstration and an energy IQ quiz (materials from their Energy4me kit).

On Saturday, April 2, several NMT SPE students will volunteer for the New Mexico Science and Engineering Fair. Volunteer opportunities range from registration, to assisting with awards, and judging.
This year New Mexico Tech's American Association of Drilling Engineers (AADE) Student Chapter celebrated the new school year with a welcome back barbeque where over 50 students attended.

**Apache Field Trip.** Thanks to the help of Apache Corporation and specifically Javier Berdoza, Artesia Production Foreman, NMT's AADE student chapter took group of 16 students to tour Apache production facilities in Artesia, New Mexico. The students were able to see conventional, mark II, rotoflex, and electronic submersible pumps (ESP) pumping units along with tank batteries and a pulling unit. With the guidance of the pumper from the Artesia field office the students complied with safety regulations, asked questions, and were able to apply classroom instruction to what goes on in the field.

**Conference.** NMT’s AADE student chapter plans to take another group of students to the AADE National Fluids Technical Conference and Exhibition, held April 12-13 2016 in Houston, TX. The students will be able to learn more about the newest improvements in the drilling and completions processes, network with over 40 different companies, and learn more about the types of equipment used in the field. The student chapter will host the year-end barbeque following senior design presentations (April 22). Students, staff, faculty and alumni will socialize and dine over delicious food made by the Tim and Ann Shaffer, parents of student, Mark.

**Clay Shoot.** This year NMT AADE will host our 5th Annual Clay Shoot on Saturday, April 9, 2016 at the Socorro Gun Range. The registration deadline for competing teams is April 1st and the sponsorship deadline is March 25th.

The registration cost will be $80 per person or $50 per person for NMT students/families and Socorro Gun Club members. This cost includes clays, breakfast, and lunch. Each team must consist of 4 people and competitors must provide your own gun, ammo, and ear and eye protection. The winning team will receive a 1st place Prize. Check-in for the event will be between 9:00 a.m. and 10:00 a.m. Saturday morning.

Sponsorship opportunities are available and greatly appreciated. All sponsors logos/name will be prominently displayed on banners at the event. The sponsorship levels are as follows: $350 Platinum Sponsor, $200 Gold Sponsor, $150 Lunch Sponsor, $100 Student Team Sponsor.

For more information, including registration: Contact NMT AADE at nmtaade@gmail.com or 505.977.7545 (Dylan).

Forms can also be downloaded from [www.nmt.edu/~petro](http://www.nmt.edu/~petro)
Chevron Scholarship $10,000

We would like to thank Chevron for their continued support each academic year. Pictured left to right: Mark Shaffer, Aydan Sparks, Pierce Lovesee, Franciszka Stopa, Robert Kaniecki, Will Morgan, Ivan Kurnia. Back: Hiep Phan, Jakub Mroczkowski, John Mark Stiles.

Denver SPE Scholarship $4,000

We would like to thank Don Smith and the Denver SPE Scholarship Board for their continued support. This year’s recipients are pictured left to right: Mark Shaffer, Alisha Cuevas, Jonathan Tran, Guleed Farah, Franciszka Stopa, Pierce Lovesee.

Dallas SPE Scholarship $3,000

We would like to thank Anagabriela Trevino and the Dallas SPE Scholarship Board for their continued support to New Mexico Tech.

The recipient of this year’s scholarship was awarded to Pierce Lovesee, Sam Heyman and Will Morgan (not pictured).


**Fagan Scholarship $10,000**

This scholarship, now in its fourth year, set up by Kenneth Fagan ('61), was created to award a student/students who: are enrolled full-time, pursuing a B.S. in Petroleum Engineering at NMT; a U.S. citizen, and demonstrates financial need (has filled out a FAFSA). Stephan Adam and William Morgan are the 2016 scholarship recipients.

![Image of Fagan Scholarship recipients](image1.jpg)

**William H. Marble Endowment $3,000**

This scholarship, set up by Bill Marble, is awarded to incoming students from states other than New Mexico. 2015-16 Scholarships went to: James Richardson (CO), Josue Fernandez (TX), Eladio Trefethen, and Iliana Sawyer (CO).

![Image of Marble scholarship recipients](image2.jpg)

**Artificial Lift Research & Development Council (ALRDC) $3,000**

This scholarship is awarded to students majoring in Petroleum Engineering and have expressed and/or demonstrated a specific interest in artificial lift through course work or actual field work, with plans to do so in the current academic year.

The 2015-16 recipients are: Hiep Phan, Utkarsh Bhargava, and Hai Tu. Utkarsh and Hai graduated in December 2015. Hiep continues his studies in the Ph.D. program.

![Image of ALRDC scholarship recipients](image3.jpg)
**John M. Kelly Scholarship $5,000**

Every year incoming freshmen have the opportunity to receive a $1,000 scholarship, normally split between the fall and spring semester, and is renewable a second year with a maintained GPA.

This year’s recipients are: Austin Aguinaldo, Isiah Goes Ahead, Colton Howard, Isiah Ataceri, Rhet Maxey.

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**SPE Roswell Section Fall 2015 $1,000**

JJ McGlasson, SPE Roswell Section Chair, presents a $1,000 scholarship to sophomore, Samantha Bixler, at the 49ers Golf Scramble.

**SPE Roswell Section Spring 2016 $1,000**

The spring scholarship will be awarded in April during Roswell Section’s Annual Scholarship Golf Tournament.

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**Earl DeBrine/Capitol Bar Scholarship $500**

To be eligible for this scholarship, a student has to be a resident of New Mexico or New York. The Capitol Bar/Earl DeBrine Scholarship is made possible by the generous support of Joanne and Earl DeBrine, Jr. in memory of their father Earl DeBrine, Sr.; Tech Alumnus (Petroleum Engineering, 1963) and former owner of the Capitol Bar. The scholarship is given to support a student who exhibits exemplary scholarship and character.

Colton Howard is the recipient of the 2015-16 Scholarship.
IPANM Conference-August

Four NMT students were invited to attend the Independent Petroleum Association of New Mexico (IPANM) annual meeting in Albuquerque, NM in early August 2015. The students had the opportunity to meet with independent producers from around the state, and listen to speakers give presentations. The event continues to be a fantastic opportunity for the students.
Pictured: Students speaking to NMT Board of Regents member, Deborah Peacock.

Photo Courtesy of IPANM

SPE Liquids-Rich Basins Conference-September

Students fundraised on the 4th of July (Socorro) to fund their trip to Midland, TX, early September for SPE’s Liquids-Rich Basins Conference. They were reacquainted with Dr. James Crafton. George King was a speaker at the conference, and an opportunity for the students to hear him speak. They also supported their peer, Hiep Phan, during the poster session.

SPE 2016 Student Symposium-February

The top undergraduate volunteers of the NMT SPE Student Chapter were invited to attend this year’s annual Student Symposium, co-hosted by Oklahoma University and UT Austin, and held at the Chevron Towers in Houston. The symposium, in its 5th year, focused on challenges associated with successful unconventional production and operations in the current price market. Along with seminars, panels, workshops, roundtable discussion, and networking opportunities, case studies were added. Students teamed up in groups to work on a theoretical case study as a prospective board member making decisions to improve profitability with low oil prices. The team that won the case study was with NMT’s students Jon Burwell and Sivana Torres (pictured far right). Other students on the team were from LSU and Univ. of Houston. Accenture judged the groups (pictured with the winning group).
NMT Alumni, SPE students, staff, and faculty attended the 2015 Southwestern North America Regional Awards Dinner in Midland, TX. Regional Director, Libby Einhorn and 2015 SPEI President, Helge Hove Haldorsen, presented the awards.

Jake Maxey, winner of the 2015 Permian Basin Scholarship, with NMT alumnus and Roswell Section YP Chair, Eric Angelos; Roswell Section Co-Chair, John Maxey, and NMT alumnus Cole Maxey.

NMT Alumnus and Roswell Section YP Committee member, Nick Ingalls, accepts the Regional Corporate Service Award for Elite Well Services.

Jake is recognized by Libby Einhorn and Helge.

2015 Roswell Section Wins SPE President’s Award for Section Excellence

For a fourth consecutive year, the Roswell Section won the top SPE International Award. Several NMT Alumni/Petro Alumni serve on the Section Board of Directors. The Section was recognized at the Annual President’s Luncheon during ATCE.
Students arrive a day early to partake in an Astros game with alumni and some members of the SPE Distinguished Lecturer Committee.

Top right: International Paper Contest Winners Announced and Arash Memarzadeh is the winner. He is cheered on by his former peers (Franciszka Stopa and Kelsey Seals (in the back) and fiancé.

Middle left: Students at the convention center talking.

Middle right: Grad students, Sidharth and Anant, walking into the convention center.

Left: Students on the Exhibition Floor speaking to companies, watching demonstrations, networking with everyone, including alumni working at booths.
Hello Alumni!  Dnyaneshwar Shinde, Obinna Uzoh, Magsud and Murad Aliyev, Jide Ayangade, and Onur Coskun

Randy and Julie Seright visit with Gordon Guo.

Dick Hughes, Tom Engler, Raven Goswick, Wadhah Al-taliji and (senior Franciszka Stopa

New students (Jon Burwell, Wyatt Berger, Colton Howard) volunteer at the registration table
ALUMNI NEWS & SIGHTINGS

We are receiving more support from various alumni on a yearly basis. Contributions include: monetary, department support (i.e. teaching), and support for student activities. As always, we are appreciative.

Assiya Bekniyazova ('10) surprises Dr. Kelly with her notebook, ready to take notes in his class.

Riley Breslin returns and joins NMT SPE, and Assiya, for a surprise lunch to celebrate his recent marriage.

Jay Geist and his fiancee, Bonnie, join Karen and the NMT SPE Student Chapter at the Astros game before ATCE.

Jesse Lawson joins the AADE Officers in the 2015 Dr. Chen Classic.

After “Techie Talks,” Frac Fluids Workshop and providing feedback at a resume workshop, JJ McGlasson played a round of golf over the weekend before heading home.

Tom Engler and Dave Martin presented the F. David Martin award to Lynda Thay. 2015 Langdon B. Taylor Awards Banquet.
The 13th annual 49ers golf scramble was a successful event! Alumni attendance was even higher than in the past.

**49ers Golf Tournament Sponsors**

Chevron
Three Forks Resources
NonDarcy Oil & Gas
Jay Geist & Cody Douglas
Apache Corporation
JJ & Krista McGlasson
Silver Oak Drilling
Armstrong Energy Corporation
Maxey Engineering, LLC
Schlumberger Carbon Services
ConocoPhillips
Wildcat Measurement
Matt & Liz Boese/Boese Brothers Brewing

Matador Resources
Wedge Louison
Eric Jacobson
Permian Basin Section
Roswell Section
Julie & Josh Cruse
First State Bank

Mark your calendars!

The 14th Annual SPE 49’ers Gold Rush Golf Scramble on Friday, October 14, 2016!

Registration and sponsorships will be announced in June. Registration includes green fees, lunch & golf cart. Registration Time: 8:00am Shotgun Start:10:00am. 4-man scramble.

Call 575.835.5412 or email nmtspe49ers@gmail.com INFORMATION TBA. *We will be restructuring some of the tournament events, rates and sponsorships to maximize attendance, but keep it affordable during the downturn in the industry. All Sponsors deadline Sept. 30.

Fundraising will be to cover travel costs to SPE Liquids-Rich Conference, 2017 Student Symposium, 2017 Regional Student Paper Contest, 2017 Petrobowl Regional Qualifier, Energy4Me classroom visits, field trips, and spring events, including LBT Banquet.

Information and forms will be posted on www.nmt.edu/~spe/49ers and will be continuously updated.