Welcome to our 2013 Spring newsletter!

This year has seen amazing growth in our program. Undergraduate enrollment has increased from 30 students several years ago to 150 this semester, the highest in over two decades! With this increase we have also added a new faculty member. We welcome Dr. Hamid Rahnema, a recent graduate from Texas A&M University to our faculty. You can read more about Dr. Rahnema later in this newsletter.

More students require an active role by the student clubs. I would like to commend the student organizations, both AADE and SPE, in organizing and hosting a variety of events this year. From trips to seminars to golf tournaments to recruiting students, the participation and enthusiasm has been gratifying.

However, this growth has lead to many challenges to overcome. The number of lab sections has increased from 5 to 13; thus the need for more teaching assistants, new equipment, and replacement of old equipment due to wear and tear. Several Petroleum Engineering class sizes have reached 50 students, well above the usual average of 15. To meet this need, the program has initiated a campaign to raise funds to support faculty and students. A list and description of targets can be found later in this newsletter. I encourage you and your company to help support the Petroleum Engineering program at New Mexico Tech by contributing to one or more of these needs.

As a final note, I hope to see all of you at this year’s Langdon Taylor Banquet on Saturday, April 20th. Come early and hear the seniors present their final design on Friday afternoon, and come join us at the SPE BBQ that evening or golfing Saturday. You are invited and welcome to all events. See you there!
NMT Petroleum Engineering Social Media

Our Petroleum Engineering website is heavily utilized by faculty, staff, students, prospective students, and alumni.

We now have a department page on Facebook, LinkedIn, and Twitter. Students continue to use these forums as constant means of communication, and our alumni are joining in on discussions.

125th Anniversary and the SPE Student Chapter

2014 marks the 125th Anniversary of New Mexico Tech. While it’s an “off” year (not a 15th anniversary) for the hosted 49ers Gold Rush Golf Scramble, the SPE student chapter is planning their 2014 tournament to celebrate NMT’s 125 years and to entice more alumni to join them on the golf course.

ATCE 2013, New Orleans, Louisiana. September 29-October 2. We had 70 students in attendance at the 2012 ATCE and the students are beginning to plan for New Orleans. As always, there will also be another NMT alumni reception scheduled during the conference, but the schedule is not out yet. Watch our website, your inboxes, and mailboxes for updated information mid-to-late summer, including information on how to help us sponsor the bar and/or food at the reception.

2013 Petrobowl Team

The New Mexico Tech Petrobowl team is preparing to compete in New Orleans during ATCE.

Dr. Hamid Rahnema joined the department August 2012. He earned his MSc degree in Reservoir Geoscience and Engineering from IFP school in France, and his Ph.D. degree in Petroleum Engineering from Texas A&M University. His research focuses on EOR methods, especially thermal processes.

There has been a burst of excitement in the department since Dr. Rahnema joined us. He has been “behind the scenes” with helping the 2013 Petrobowl Team get ready for the fall competition, along with volunteering to help get students involved with this year’s SPE Student Paper Competition. The regional competition is scheduled in April in Oklahoma City.

As of April 1, 2013, Dr. Rahnema will become the new SPE Faculty Advisor for the Student Chapter.

**Wild Well Control School  March 1-3, 2013**

Students will be attending a two and a half day school with Wild Well Control. Wild Well Control is using three simulators to instruct students on well control and safety protocols.

Without the gracious donations from our sponsors, we would not be able to offer this training on a yearly basis. **We would like to thank** Energen Resources (Pat Sanchez), Jay Geist, Bill and Cheryl Macey, Waleed Al-Bazzaz, Bill Marble, Jeff Corey, Apache Corporation (Raven Goswick), Julie Cruse, and Mike Kostrzewa for this year’s funding.

Sponsor Waleed Al-Bazzaz stopped by during Wild Well Control School.

Waleed (back left) is pictured with Steve Vorenkamp (back right) and the 17 students attending the training.

*Again, Thank You to Our Sponsors!*
Dr. Nguyễn has successfully established the Production & Drilling Research Project (PDRP). This is a consortium type of project. PDRP currently has two members: Detnorske from Norway and Kuwait Oil Company (KOC). Each member pays an annual member fee and the members have the right to use all the resources available at PDRP according to the contract signed with New Mexico Tech. This member fee will be used to construct the new facilities, maintain the current ones, support students, and pay hourly for the technician and the project coordinator. A new research website has also been developed for PDRP. The website can be found by using the following link:

http://pdrpnmt.wordpress.com

Two outdoor facilities were developed and completed in Summer 2012 to study two projects: Gas Lift and Hydraulics of Time-dependent Drilling Fluids. These facilities are fully controlled by using Labview. Two master students have been using these flow loops to obtain experimental data for their projects. The students will defend their thesis in Spring 2013. Photos of the facilities are shown in the Figures 1 and 2.

The current on-going projects at PDRP are listed below:

1. Olufolahanmi Olusola – Prediction of Frictional Pressure Losses for Time-Dependent Drilling Fluids in Pipes
2. Victor Fairuzov – Theoretical and Experimental Study of Non-Newtonian Fluids Flow Through an Orifice Gas-Lift Valve
3. Hiep Phan – Effects of Heavy-Foamy Oil and Its Rheology on an ESP’s Performance
4. Shigao Ren - Prediction of Frictional Pressure Drop for Three-Phase: Liquid, Gas, and Solid – Aerated Drilling Mud Application
5. Christopher Silva – The Effects of Particle Sizes on Barite Sag in Oil Based Drilling Fluids
6. Ayoade Dare - The Effect of Salinity Concentration on Barite Sag in Oil Base Drilling Fluids
7. Shi Chen - Progressive Cavity Pump With Metallic Stator
Without the support from our alumni, industry and professional societies, we would never be able to achieve the success we have had today. Unfortunately, with increasing enrollments and decrease in state funding, the ability to continue to provide excellence has become a challenge. To address our needs, we have launched a campaign to help support the program. The range of items is diverse as is the request.

Our long-range goal is to fully fund the two endowed chair positions in petroleum engineering: the Langdon B. Taylor Endowed Chair and the John Kelly/Alumni Endowed Chair. Approximately $2.5 million dollars will be needed to accomplish this goal.

Our intermediate to short-range goal is to improve lab and instructional facilities within the department; such as replacing old worn equipment and purchasing new equipment. The request is for $500,000. Donated equipment is also accepted.

The last item is funds for student activities and professional development, a re-occurring cost every academic year and consequently is a short term goal. We expend approximately $20,000 a year in supporting these efforts and thus rely on donations to reach this annual level.

For more information go to the Petroleum Engineering website, [www.nmt.edu/~petro](http://www.nmt.edu/~petro) and click on the link.
The 2012-2013 academic year has been a very busy and exciting year for the NMT AADE student section. The fall semester started off with a breakfast fundraiser during freshman registration. Karen, as well as multiple students and their families, prepared food for the fundraiser. With their help, the event was a success and a great way to start the year. We followed up the breakfast with a BBQ fundraiser with the SPE. It was a big hit with students on campus and a great way for the SPE and AADE to come together and put on a joint fundraiser. The AADE hosted two more BBQ fundraisers that semester and both were possible largely due to the dedication and volunteering of our new underclassmen.

We were very excited to bring “spOILed,” the movie to New Mexico Tech on October 25th! Director Mark Mathis and Associate Producer Steve Palmisano were present for the screening. Thanks to donations from the AADE Permian Basin Section and the NMT Petroleum Engineering Department; we were able to offer the screening free to the public. There was a lively and informative Q&A with Mr. Mathis following the showing, and thanks to the generosity of the event sponsors, we had a great opportunity to inform members of other departments on campus and the general public about our industry.

Our next big event was NMT AADE’s first golf tournament fundraiser, The Winter Wonderland Golf Scramble, on January 26th! There were six teams competing in the tournament, made possible by our sponsors Dr. Mike Kelly, KYRN Radio, and numerous alumni including several former AADE officers. First place went to the KYRN team accompanied by NMT Alumni, Joaquin Roibal. This was the one and only Winter Wonderland Golf Scramble that will be hosted by the AADE. Beginning August 24th, and every year after, we will host the inaugural Josh Kamas Memorial Scholarship Scramble.

February 26 – 27 was the Bi-annual AADE National Technical Convention in Oklahoma City. Unfortunately, the trip was cancelled due to inclement weather across the state of NM, and extending through Texas and Oklahoma. Our two graduate students, Chris Silva and Fola Olusola, were able to make the trip to present their posters.

For the second consecutive year, the AADE Student Chapter is sponsoring breakfast for Wild Well Control class March 1-3 here at New Mexico Tech. Each year, 18-20 students attend a three-day training to receive well certification.

With lengthy planning, and the help of Dr. Kelly along with Chevron representatives, we finally have a trip planned for March 17-20. We will be taking ten students and one faculty member to Covington, LA, to visit a rig in the Gulf. Everyone attending is very excited for this opportunity.

Our last event of the academic year is one that we have been looking forward to since last year—the 2nd Annual AADE Miner’s Clay Shoot on April 6th. Last year we had a lot of support from NMT students and the feedback we received was that many of them could not wait to be a part of the event this year as well. If you’re into breaking clays, make sure to mark your calendar!

As I mentioned, this August will be the inaugural Josh Kamas Memorial Scholarship Scramble. Mr. Kamas was a New Mexico Tech Alumni who was very involved with Tech, even after graduating. An
active member in the AADE Permian Basin, Josh was the driving force behind helping NMT students create their AADE student chapter. After his untimely passing, the Josh Kamas Memorial Scholarship was created in his honor, aimed at offering a yearly scholarship to an NMT AADE member who exemplified the same dedication to the club as Mr. Kamas. Our goal is to raise $15,000 for the scholarship fund so that we can begin offering this opportunity to our members and assisting in their education. With the help of our alumni and supporters, we look forward to reaching our fundraising goal for the fund and seeing it continue to grow. If you are interested in donating to the Josh Kamas Memorial Scholarship fund, or you would like to take part in the inaugural golf tournament, please contact Karen or find further information on the New Mexico Tech Petroleum Engineering Department’s website.

Overall, this has been a very exciting year for our Chapter! This is the second consecutive year that we have seen our membership more than double, and enrollment permitting, we hope to see the same again next year! We are a young club, but we have big goals at New Mexico Tech, and thanks to the support of our members and a very involved group of underclassmen coming up in the department, we are rapidly approaching those goals!
Josh Kamas Scholarship and Tournament Fundraiser.

The *Josh Kamas Scholarship* fund was formed in 2011, by the NMT AADE student chapter. Donations to this fund will generate scholarships to our students.

From the 2010-11 NMT AADE Secretary, Tom Shimura, “Josh Kamas was a founding member of the American Association of Drilling Engineers (AADE) student chapter and also an AADE representative for his alma mater New Mexico Tech (NMT) at the time of his passing. We would like to honor his memory and all his dedication by starting the Joshua Kamas Scholarship Fund.

The purpose of starting the Joshua Kamas Scholarship Fund is to demonstrate how the generosity of a former NMT student has flourished to help others continue their own education. The profound example Joshua Kamas has set can be immortalized by establishing the scholarship in his name.

The hopes of the AADE student chapter are to collect $15,000 to start the endowment. The interest generated from this amount would be awarded to a NMT AADE student chapter member on an annual basis. I myself have committed to donating $100 to get the fund started. We also have other students, faculty, staff, alumni, and companies who plan to contribute. All donations are tax deductible and receipts will be provided.”

-Written by Tom Shimura (2011, AADE Secretary)

Tom’s thoughts still ring true, even two years later. The memory of Josh and what he did for the department and AADE continues to be the driving force behind the student chapter.

*A special award, the Josh Kamas Service Award, will be presented for the first time at the 2013 Langdon Taylor Banquet.*

**UPDATE**

As of 2012, the AADE Student chapter has grown to include 70+ active members; there were only 19 members when the chapter was formed. The chapter still continues to endorse this scholarship to reach the $15,000 goal. Once the goal is reached, the interest will supplement the scholarship. Beginning August 2013, AADE will host an annual golf tournament to help fund the scholarship. Their goal is to award the first scholarship to an NMT AADE student during the tournament awards.
This newest part of our newsletter highlights Summer 2012 and 2013 internships. Some of our students provide a little bit of insight into their time spent in the industry over the summer.

**Summer 2012. Pictured left to right:** (far back) Doug O’Dell, Randall Chafin; (middle) Kyle Pettigrew, Ephraim Schofield, Cody Douglas, AJ Ambrose, Cole Maxey, Dami Alebiosu; (front) David Best, Ayoade Dare, Hunter Waters.

**AJ Ambrose.** Sophomore summer. AJ worked for Energen Resources in Farmington, NM as a Summer Intern 1. AJ’s feedback on his internship includes, “The main focus of this internship was to take the intern and find where they would like to focus after college; whether it would be drilling, completions, production, or reservoir engineering. So to give me the most experience, they had me in a company truck and I was in the field every day. The way it is divided up for a summer is they had me work around drilling for four weeks, then four weeks of completions, and then four weeks of production.

**Ephraim Schofield.** Sophomore summer. Ephraim worked at ConocoPhillips in Farmington, NM, as a Production Engineering Intern. Ephraim describes his experience. “I enjoyed working in the San Juan Basin learning about the operation and production of gas wells. Working for an operating company gave me invaluable experience and perspective.”

**Ayoade Dare.** Second year M.S. AY’s internship with Rising Star Services in Odessa, TX, also trained him as a Field Engineer. AY “interpreted logs, analyzed and designed frac jobs for customer wells using M-Frac; performed laboratory tests on cement to test for thickening time and compressive strength.” He was involved with frac jobs, cement jobs, and acidizing of customer wells.
**Olauoluwa Alebiosu.** Sophomore summer. Dami’s internship was with Marathon Oil Corporation during the Summer of 2012. He worked in Lafayette, LA, and in the Gulf of Mexico. As a Production Engineer Intern he “was involved with the evaluation, planning, and execution of gas list revisions using nodal analysis for six offshore wells. [He] was also involved during the wireline operation for two offshore wells.”

Dami also worked for ExxonMobil Nigeria (Mobil Producing Nigeria) during the winter of 2012. As a Drilling Engineering Intern, he worked in Lagos, Nigeria. The scope of Dami’s work included gathering data (casing depths, mud weights used), and problem solving: challenges faced during the drilling of offset wells.

**Cole Maxey.** Sophomore summer. Cole’s internship was with Urenco USA, in Eunice, NM, as a Specialty Systems Intern. The scope of his internship included “routing conduit for electrical system of plant including: fire alarms, uranic material spill alarm, IT systems, and air filtration systems. [He] worked in collaboration with another intern to explore energy production options to a power enrichment facility.”

**Eric Angelos.** Sophomore summer. Eric's internship was in Midland, TX, with Concho Resources as a Production Engineering Intern. His project was failure analysis of rod pump in deviated wellbores.

**Cody Douglas.** Sophomore summer. Cody’s second year as a ConocoPhillips intern, was experienced in Houston, TX. Cody was a Drilling Engineer Intern in the Eagle Ford. “Half my time was spent on an actual drilling rig and the other half I worked in the Westlake Office. My main project focused on developing a well control barriers schematic that outlined the major parts of the drilling process.”

**David Best.** Sophomore summer. David worked for Aka Energy group in Durango, CO, and Maljamar, NM. As an Engineering Intern, he “worked in the office in Durango with the engineers on designs for a Gas Plant Expansion project in Maljamar. I also worked down at the gas plant in Maljamar with the Maintenance and Measurement crews to gain valuable experience in the field.”

**Kyle Pettigrew.** Senior summer. Kyle was an Intern II for Energen Resources in Midland, TX. He worked with a District Engineer in the Five-stones and Limestone area. He “worked on production, completion and drilling projects that gave me the opportunity to see production data, shallow pay potential, frac comparison, and lost circulation trends in two areas.” Kyle graduates in May and will work full-time with Halliburton in Hobbs, NM.

**Doug O’Dell.** Junior summer. Doug interned with ConocoPhillips in Farmington, NM. About his experience he adds, “As a Production Intern, I conducted research on the success rates of remedial actions (workovers) in Slimhole well configurations and presented recommendations for future workovers. I participated in weekly production meetings and presentations about the status of ongoing projects to maximize efficiency of natural gas production. We also went on several field trips, including: the geology of the San Juan Basin, drilling and workover rig operations, and service company visits learning about their products and services.”
**Summer 2013 Interns. Pictured left to right:** (far back) Doug O’Dell, Randall Chafin, Lindsey Rasmussen; (middle) Ephraim Schofield, Cody Douglas, AJ Ambrose; (front) David Best, Dami Alebiosu, Cole Maxey.

**AJ Ambrose.** Junior summer. AJ will continue a second year as an intern for Energen, but in Midland, Texas, for the summer. To date, he does not have his job assignments, but he is looking forward to the summer.

**Ephraim Schofield.** Junior summer. Ephraim’s second year as an intern for ConocoPhillips will place him in Houston, TX.

**Olaoluwa Alebiosu.** Junior summer. This coming summer, Dami will be working in Farmington, NM, with ConocoPhillips. His job assignments are pending.

**Cole Maxey.** Junior summer. Cole will be working for Concho Resources in Artesia, NM, this summer.

**Cody Douglas.** Junior summer. Cody will continue his internship with ConocoPhillips, but moving to Anchorage, Alaska, beginning in May. He will be a Completions Engineer on the North Slope, but his assignment will be in the Anchorage office. About his third year as a Conoco intern he comments, “I am really looking forward to the opportunity and adventure that I have ahead of me.”

**David Best.** Junior summer. David will work in Farmington, NM, with ConocoPhillips this summer. As a Production Engineering Intern, he is “looking forward to working with a larger company, building new professional relationships, and expanding my knowledge about the industry.”

**Doug O’Dell.** Senior summer. Doug will intern with ConocoPhillips, again, in Farmington, NM. His intern assignments are also pending. Doug is scheduled to graduate in May 2014.

**Eric Angelos.** Senior summer. Eric will be a Drilling and Completions Engineering Intern for Concho Resources in Midland, TX.
CO-OP with ConocoPhillips, Farmington, NM

Since 2010, some of our students have been in the San Juan Basin for a Co-Op with ConocoPhillips. They include: Spring 2010-Ahmed Mustafa (B.S. ‘10); Spring 2011-Christopher Silva; Fall 2012-Eric Angelos and Kenneth Malone; Spring 2013-Seth Loggins and Richard Poythress.

Eric’s project involved designing portable data logger for plunger lifted wells without advanced telemetry capabilities.

To be qualified to apply for this position for interview consideration a student must:

- Be legally authorized to work in the U.S.
- Begin the Co-op position in the designated semester
- Must have completed at least 48 hours towards a Petroleum Engineering degree
- Must maintain a minimum 3.0 GPA

Eric Angelos and Mark Shaffer were in the top 6 finalists of the Young Ambassador Essay Contest for Oil & Gas Day 2013, in Santa Fe, NM.

We also had a group of SPE students travel to represent New Mexico Tech and the Department.

Just before the event on February 15, the contest winner was announced. **Eric Angelos won first place in the essay contest!** Everyone gathered in the Rotunda to listen to Eric read his speech.

**Congratulations, Eric!**
Chevron Scholarship $10,000

We would like to thank Chevron for their continued support each academic year. Pictured left to right: (back) Dami Alebiosu, Tonya Ross, Nick Lawson; (front) Erik Fitzgerald, Sebastian Pivnicka, Seth Loggins, Charles Nimmer, Richard Poythress, Edwin Nueve; (far right) David Best.

Denver SPE Scholarship $9,000

We would like to thank Don Smith and the Denver SPE Scholarship Board for their continued support. This year’s recipients are: (back) Kyle Pettigrew, AJ Ambrose; (front) David Best, Cole Maxey, Clark Cunningham, Nick Ingalls, Hunter Waters, and Richard Poythress (not pictured).

Dallas SPE Scholarship $3,000

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

The recipient of this year’s scholarship was awarded to Nick Ingalls and Robert Hernandez.
**William H. Marble Endowment**

**$4,000**

This scholarship, set up by Bill Marble, is awarded to incoming students from states other than New Mexico. This year four students, Dylan Rossmango (UT), Jonathan Tran (CA) and Mark Shaffer (TX), and Michael Martinelli (not pictured) were each awarded a $1,000 scholarship.

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**Fagan Scholarship**

**$10,000**

This scholarship, now in its third 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). Juniors-Eric Angelos and Ephraim Schofield.

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**SPE Roswell Section Fall 2013**

**$1,000**

Karen Balch, SPE Roswell Secretary/Treasurer, presents a $1,000 scholarship to junior AJ Ambrose at the NMT SPE Student Chapter 49ers Golf Scramble.

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**AADE Dallas/Fort Worth $5,500**

Recipients: Cody Douglas, Kyle Pettigrew (pictured right) and Robert Hernandez (not pictured).
**John M. Kelly Scholarship**

**$4,000**

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 Jake Maxey, Franciszka Stopa, Lindsey Rassmussen, and Jakub Mroczkowski.

**AADE Mid-Continent Scholarship**

**$3,500**

Scholarship winners are: Nick Ingalls, Tonya Ross, Robert Hernandez, and Benjamin McNeill.

**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.

Franciszka Stopa is the recipient of the 2012-13 Scholarship.
IN THE COMMUNITY

SPE Students help with local Boot Camp Boxing Tournament (organized and managed by student Russell Moses)

Cody Douglas and SPE student members participate in a basketball fundraiser to help a local family who lost everything in a fire. They raised $1,000.

Oil & Gas Day at the Capitol Feb. 15, 2013

Top left: Students at the Capitol, Santa Fe.

Top right: Mark Shaffer being recognized as a Young Ambassador by Karin Foster, Executive Director of Independent Petroleum Association of New Mexico (IPANM).

Left: Young Ambassadors, Mark Shaffer and Eric Angelos.

Right: Students being treated to lunch at Del Charro by IPANM.
**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.

**SPE 10th Annual Gold Rush Golf Scramble.** Celebrating their tenth year, the student chapter had a full golf course (maxed attendance) for their annual fundraiser. Old and new faces were seen on and around the golf course this year, and the most common golfers were students (with a big thanks to their sponsors!), alumni, faculty and friends. Information for the 2013 scramble will be announced on the website early April.

Jennifer Julian ('85) joined us for the Alumni Reception in San Antonio, TX, during ATCE.

Jay Geist ('11) returns to sponsor, and play in, a 49ers team.

Former NMT SPE Officers with Current NMT SPE Officer, Cody Douglas.

Kuba Bednarz ('09) and Assiya Bekniyazova ('10) at a piano bar after the reception.

Qiaosi “Clark” Chen ('12) with Mike Kelly, Bob and Karen Balch on the Riverwalk in San Antonio.
2012-13 In Pictures

Encana visits with faculty, staff, and students.

Just another day on campus. With Bao Jia, and

Petroleum student, Colin Newton, takes over on the grill.

Depart-ment ice cream social with incoming students.

Cody Douglas, SPE President, stuffs goody bags for the 10th Annual 49ers Golf Scramble.

Dr. Nguyen with graduate student, Fola Olusola at the PDRP lab location.

Friday Golf 1st Place Winners: Pat Breslin, Riley Breslin, and Russell Sawyer.

Students packed to leave for San Antonio (ATCE 2012).
Alumni Reception during ATCE

Di Mo, Jinjia Yu, and Jack An ('12) at the San Antonio Convention Center

Recently retired Calvin Kessler joins us. Pictured with Cody and Ephraim.

Other sponsors included: Bill & Cheryl Macey, and Jim Linville

Tom Engler and Van Romero

Allan Abraham ('11), with guest, and Gael Tawatieu
ATCE 2012 San Antonio Highlights

ATCE this year was a big deal for everyone. Aside from having 70 NMT students travel to San Antonio, our chapter was asked to be Conference Greeters and you couldn’t miss them in their blue polos on the floor during the conference.

The SPE Roswell Section won the President’s Award for Section Excellence. One of the criteria for the award is contributions to a student chapter.

This was a no brainer for us since the Section Officers are NMT Alumni:
Bob Balch (‘93, ‘97), Current Program Chair
JJ McGlasson (‘00), Section Chair
Mike Kelly (‘72, ‘xx), Board Member
Tom Engler (‘xx, ‘xx), Past Program Chair
Karen Balch (‘07), Secretary/Treasurer
Vidya Sagar Bammidi (‘11), Membership Chair/YP Liaison

John Maxey, Section Co-Chair and has two sons at NMT studying petroleum engineering, and Bruce Stubbs, Scholarship Chair, also donate their time and contributions to the NMT SPE Student Chapter.

Jennifer Julian (‘85) was also recognized at the President’s Luncheon as a Distinguished Lecturer for 2011-12.
Conference Volunteer Support

Balcones Section, the Permian Basin Section, and the New Mexico Tech Student Chapter
President’s Award for Section Excellence

- Aberdeen
- Bangalore
- Bergen
- Roswell
- Samara
- San Joaquin Valley
- Saudi Arabia
- Vietnam
- Warri Nigeria

Robert Balch (SPE Roswell Program Chair) accepting the award from 2012 SPE President, Ganesh Thakur.
Photos courtesy of SPEI.

Left: Bao Jia checking his phone.


Middle left: NMT SPE student Courtney Pruitt with

Center: SPE Roswell Officers, Bob and Karen Balch, at the Regional and Section Awards Reception with Janeen Judah, GM - Houston/Gas - Chevron Southern Africa Business Unit.

Right: Riley Breslin with Mike Mason, Apache Corporation.

Bottom left: Havard Stangeland, Tonya Ross and Craig Benally on the Expo floor.

The 10th Annual SPE 49’ers Gold Rush Golf Scramble was the biggest success to date! We maxed the golf course to 28 teams and had the strongest NMT alumni attendance yet.

We want to thank...

**Yearly Alumni Contributions**

(Deptartment)

- Bill & Cheryl Macey
- Waleed Al-Bazzaz
- Robert Schwering
- Mike Kostrzewa
- Jay Geist
- Pat Sanchez, Energen
- Matt Hill
- Richard Miller
- Ken & Marge Fagan
- Tom Shimura
- Abel Lobato, Chevron
- William H. Marble
- Veronica Stevenson
- Warner Williams, Chevron
- Petroleum Alumni Guys
- Assiya Bekniyazova
- Jim Linville, Devon
- Jesus Barraza
- JJ & Krista McGlasson
- Jeff Corey
- Dan Voecks, ConocoPhillips
- Julie & Josh Cruse
- Manny Hernandez
- Tom Shimura
- Raven Goswick, Apache

**49ers Golf Tournament Sponsors**

- Chevron
- Three Forks Resources
- NonDarcy Oil & Gas
- Jim Linville and Devon
- Robert Armstrong
- Chase Foundation
- JJ & Krista McGlasson
- Armstrong Energy Corporation
- Elite Well Services
- Maxey Engineering, LLC
- A Plus Well Service
- ConocoPhillips
- Navajo
- Hunt Cimarron, LP
- Matt & Liz Boese
- Wild Well Control

**Local Businesses:**

- The Capitol Bar on the Plaza
- Wells Fargo

**Mark your calendars!** 11th Annual SPE 49’ers Gold Rush Golf Scramble on Friday, October 18, 2013!

Registration and sponsorships announced early April  Fees includes green fees, lunch & golf cart. Registration Time: 7:30am Shotgun Start: 9:00am.
Happy New Year! My name is Cody Douglas and I am the current NMT SPE Student Chapter President. I am currently a junior at Tech and expect to graduate in December of 2014. Since I have been here, our club has exploded to 180 members. When I started in 2010 we had only 65 members. With new members, means new challenges that the current SPE officers and I are ready to tackle. I would like to take a moment to thank my officers for all their hard work and dedication. Without them we could not accomplish the things we have been able to do this academic year. In addition, I would like to thank the SPE Roswell Section for their continued support and guidance of our student chapter. Most of all, I would like to thank Karen Balch for all her hard work and dedication to ensure our club sustains smart growth. Without her, our club would not be in the state it is in today.

What a semester it has been! We started out in August by welcoming back everyone with a BBQ at Dr. Chen’s house. This turned out to be a wonderful event with 150 students attending. Yet again, we participated in New Mexico Tech’s Society of Women Engineers (SWE) mud mission. This is a community service project to help rebuild the old adobe San Miguel church. Our biggest event of the academic year was ATCE, held in San Antonio, Texas this year. We were lucky enough to send 70 students to this conference- a New Mexico Tech SPE student chapter record. New Mexico Tech was well represented throughout the conference as Conference Greeters. The SPE Roswell Section was also recognized for Section Excellence at the President’s Luncheon. In addition to October, the student chapter actively participated in breast cancer awareness month. The events we actively participated in were Albuquerque’s Susan G. Komen’s Race for the Cure, campus wide bake sales, and the student chapter’s first annual breast cancer awareness on campus obstacle course. To finish off October, the student chapter hosted the 10th Annual 49ers Gold Rush golf tournament. We had over 120 players this year, and we had a full golf course. I would like to take the time to thank our sponsors. Without your generous support, we would not be able to expose our students to industry professionals and knowledge. These are just a few highlights of our crazy semester.

Although we have done many great things last semester, that is in the past now. Our focus is to improve the club and promote student exposure to the industry. This semester has many exciting events in store. The student chapter will be actively participating Oil and Gas Day at the Capitol on February 15th. In addition, students will be participating in Wild Well Control School March 1st through the 3rd. April will be by far our busiest month. AADE will start off with their 2nd annual Clay Shoot on April 6th which was huge success last year. Student volunteers will help the SPE Roswell Section with their 2nd Annual Scholarship Golf Tournament-an event that raises funds for scholarships to NMT students in the petroleum engineering program.

The biggest weekend of the year will be the Langdon B. Taylor Banquet. The weekend starts off with senior design presentations at 3pm on April 19th. Following presentations we will have our annual end of the year BBQ. On Saturday April 20th will be the Dr. Chen classic with a 10am shotgun start. Ending the festive weekend will be the Langdon B. Taylor Banquet. We have special guests attending this year’s banquet. Our guest speaker will be George King, the Distinguished Engineering Advisor for Apache Corporation. In addition, Peter Shrenkel will be attending our banquet. He is on the Board of Directors for SPE International representing Southwestern North America as Regional Director. Our last guest is none other than the 2013 SPE International President, Egbert Imomoh.

Many exciting events are going on this semester. I would like to take the time to thank the faculty and alumni who have made it possible for students like me to be successful in our industry today. Without your support, nothing that we have accomplished would have been possible. I wish everyone a Happy New Year and good luck with your future endeavors.
Please join us!

Friday, April 19, 2013

Senior Design Presentations  3:00pm-5:00pm, Room TBA

SPE Year-End BBQ  5:00pm-10:00pm  The SPE students are hosting the 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.

Petroleum Engineering Post-Mortem Meeting  Following presentations.  Location TBA.  Alumni and industry are welcome to attend.

SPE SPRING FUNDRAISER-RAFFLE TICKETS AVAILABLE!  You can find tickets on our website to download, print, and send to us, or call the office if you would like to pay by credit card.

Saturday, April 20, 2013

Alumni Breakfast.  Beginning at 7:30am.  Hosted by Tom & Nancy Engler, 1209 Calle de Lago, Socorro.

Dr. Chen Classic Invitational.  See next page.

Langdon Taylor Banquet  Hosted by NMT SPE Student Chapter, Bodega Burger Co. & Lounge, 606 N. California St. (Formerly the Road Runner)

$25/person OR $30 at the door without a reservation
**Visit our website for a printable registration form**

5:00pm  Social Hour
6:00pm  Dinner  Prime Rib and Vegetarian Options
7:00pm  Guest Speaker: George King, Distinguished Engineering Advisor for Apache

Awards following Dinner

Alumni Nightcap.  Invitation only.  Hosted by Bob & Karen Balch.

ALL RESERVATIONS DUE BY WEDNESDAY, APRIL 10, 2013
Call 575.835.5412 to register or email:  kmbalch@nmt.edu
Dr. Chen’s Classic Invitational-April 20, 2013

Join us for an alumni breakfast, hosted by the Engler’s, before heading to the golf course to play 18 holes in the Dr. Chen Classic. It’s become a yearly tradition to have a senior student team and an alumni team.

Registration begins at 8:30am. 10:00am Shotgun Start

The fee is $35 and includes lunch, green fees, and a golf cart. 4-person scramble.

RSVP by Thursday, April 10, 2013

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.

1st, 2nd, and 3rd (or last place awards) will be presented at the Langdon B. Taylor banquet.

The “Pseudo Senior” Team (Faculty & Seniors)
Dr. Chen, Mike Kelly, Aaron Ramirez, and Ahmed Mustafa

“The Cheaters Return”
Cody Douglas, Kyle Pettigrew, Nick Lawson, Amit Sharma (‘98)