

December 2018 NEWSLETTER



Petroleum and Natural Gas Engineering

Saint Francis University

117 Evergreen Drive, Loretto, PA 15940

<https://www.Francis.edu/Petroleum-Natural-Gas-Engineering>

<https://www.facebook.com/PNGEatSFU/>

Dear all,

Greetings from the PNGE program at Saint Francis University. In this newsletter, we would like to share with you the progress we have made and highlight some of the things that our students and faculty have achieved in the second half of year 2018. As always, we appreciate your continued support and interest in our PNGE program and truly value your insight and guidance for our program. Your input into our program has been immensely valuable and will continue to impact our students and the PNGE curriculum and program. Thank you for everything!

Best Regards,
The PNGE Program at Saint Francis University

ABET Accreditation

The ABET team visited Saint Francis University and did three days comprehensive evaluation of PNGE and ENVE facilities, faculty, students, administrations, etc. ABET team provided very positive and constructive feedback. Faculty, advisory board members and students also had great conversation with ABET evaluators. The whole process went very well, no red flags shown up. The process of accreditation is on going and will be finalized in July 2019 after the annual ABET meeting.



Accreditation
Board for
Engineering and
Technology



PNGE Field Trip At Range Resources

Petroleum Engineering faculty and students had a great field trip at drilling and production site with Range Resources in Cannonsburgh, PA. Their philosophy is to become good stewards for environment and communities, our Petroleum and Natural Gas Engineering (PNGE) program is also enhanced by a foundation of environmental stewardship. Great Experience!



Professor Wang Receives Recognition

Dr. Guochang Wang received 2018 EMD best poster award in Eastern SPE/AAPG conference. He had two posters presented and received high evaluation from all judges. The Honors and Awards ceremony will be held in next year's conference.



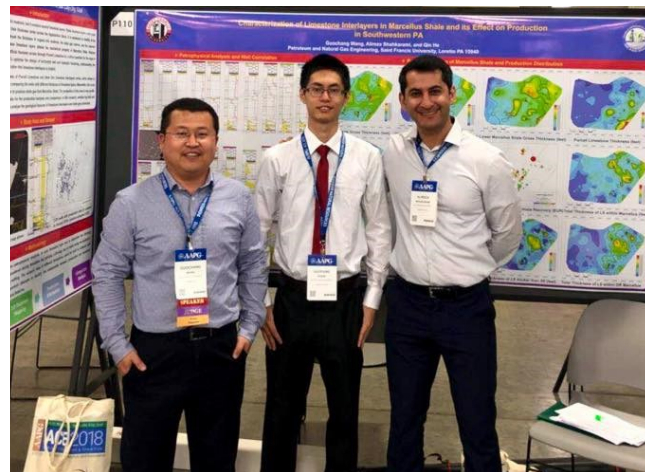
PNGE Wins SFU Trebuchet Competition

PNGE smashing pumpkin team broke a record in the 2018 Pumpkin Chucking competition. This was a contest amongst Intro to Engineering students from all engineering departments at Saint Francis. The new record of the pumpkin launching distance is 125 ft!



Conference Attendance

Drs. Guochang Wang and Alireza Shahkarami, sophomore PNGE student Guofang (Frank) Zheng attending and presenting at the 2018 AAPG Annual Conference and Exhibition in Salt Lake City, Utah to present their research poster.



PNGE Students Secure Internship

PNGE student Shannon Szymusiak had a summer internship position with Advanced Resources International Inc. in Knoxville, TN. She worked as research assistant intern to perform data analysis on CO₂ sequestration project.

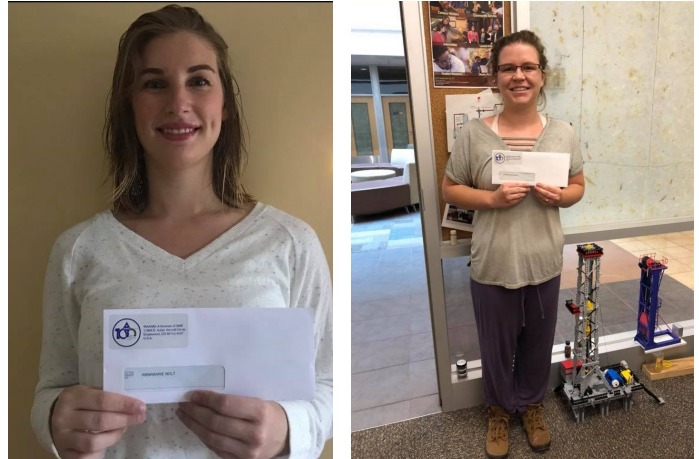


PNGE Sophomore student: Teresa Reid secured her 2019 summer internship with Range Resources, great opportunity for her to learn more from a great company!



PNGE Students Receive 2018-2019 Scholarships

PNGE students: Teresa Reid (Sophomore) received 2018-2019 Desk and Derrick Scholarship, Annamarie Bolt (Junior), Shannon Szymusiak (Senior), Jonathan Bruno (Senior) and Jan Vit Suntar (Senior) and 2018-2019 WAAIME scholarship in the amount of \$3,000 each.

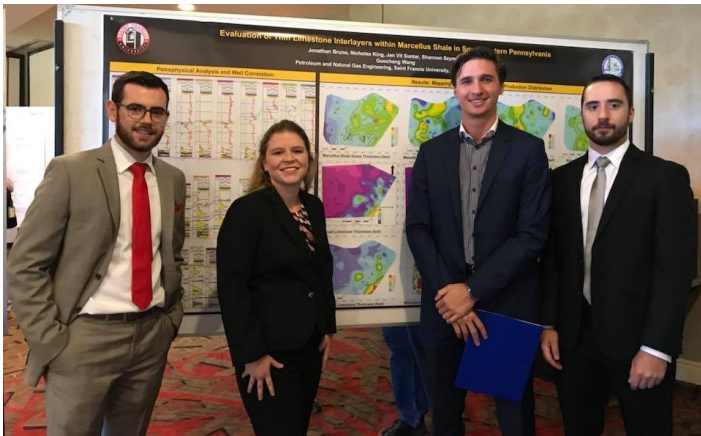


PNGE Summer Academy

Second Petroleum and Natural Gas Engineering Design academy is officially done. Thanks to everyone for making it happen. Special thanks to the EQT Foundation ([EQT Corporation](http://www.eqt.com)) for supporting us again.

SPE-AAPG Eastern Regional Meeting

PNGE senior students: Jonathan Bruno, Nicholas King, Jan Vit Suntar, and Shannon Szymusiak presented their formation evaluation project in 2018 SPE-AAPG Eastern Regional meeting. They are the only undergraduate students who got the acceptance for presenting their work in the poster session and the poster judge was very impressed and would consider their poster was definitely a very high quality one.



SFU Engineering Meet and Greet

3rd Engineering Career Fair Social: Meet and Greet event was held in Science Building. All Petroleum Engineering, Environmental Engineering and General Engineering students attended this event. Several companies were here to share with students on industry job, career suggestions, etc. Great experience for all students!



PNGE Goes to Holy Trinity Catholic School

PNGE faculty and students went to Holy Trinity Catholic School to finish the trebuchet model with kids in Science class and run a trebuchet competition with them! Students also shared their story that why they want to be an engineer. Great opportunity to share more information about Petroleum Engineering and motivate more kids to consider engineering as their career path.



PNGE Undergraduate Student Research

PNGE students (from left to right): Jonathan Bruno (Senior), Desmond Philips (Junior) and Jan Vit Suntar (Senior) received 2018 SFU Office of Student Research grant. Each of them will work on a Petroleum Engineering related project supervised by PNGE faculties. It will be a great experience for undergraduate students to participate in a research project.



Guest Lectures/ Presentations

Besides regular class teaching, we also invited several speakers to give our students guest lectures covering different topics of drilling engineering, production engineering, stimulation, geology, geography, and software training, etc. It is very valuable for the students to learn more about Petroleum industry from different perspective and get more practical knowledge.



Dr. Tim Miller, professor of General Engineering program at Saint Francis University, for sharing with us his experience of taking fundamentals of engineering exam and practical engineering exam.



Jalal Jalali, a reservoir engineer from EQT is here to give us a seminar talk. Jalal shared with our students on what reservoir engineers do in oil and gas industry and gave great career suggestions for our student.



Michael Harr from Chevron. Michael is a senior reservoir engineering advisor in Chevron and has 25 years of diverse experience.



PNGE students Shannon Szymusiak and Desmend Philips shared with us their internship experience and study aboard experience, respectively.



Chris Squires is the Regional Engineering Advisor for ProTechnics, a division of Core Laboratories. His work focuses on helping operators make better decisions from the analysis of projects designed with proppant, water, gas and oil tracers.