

Welcome to the SMU Geothermal Lab newsletter September. Greetings to all the new members of our newsletter list that we met this summer! In this newsletter we have a wrap-up of the summer activities of our graduate students along with some interesting articles and upcoming events.

### SMU Geothermal Laboratory Notes

Looking for some top-notch researchers for your next project? The SMU Geothermal Lab staff have recently completed a number of sponsored research projects and are looking for new opportunities. A sampling of projects we have successfully completed over recent years include:

- x Continental-scale heat flow mapping and resource estimation
- x Basin-scale modeling
- x Thermal conductivity measurement
- x Equilibrium temperature logging
- x Data compilation and data analysis of National Geothermal Data System resources
- x Executive education designed to give project financiers familiarity with geothermal energy

Please call or email [Maria Richards](mailto:maria.richards@smu.edu) (214-768-1975) or [Cathy Chickering](mailto:cathy.chickering@smu.edu) (214-768-1510) today to discuss your project.

Congratulations to Dr. Zach Fronza, a May graduate, on being awarded a Fellowship with the Department of Energy Geothermal Technologies Office. Zach will be working with Lauren Boyd on Enhanced Geothermal Systems. Good luck Zach!

Congratulations to Ramsey Kweika, a recent graduate, starting his career as a physics teacher at Jesuit College Preparatory School of Dallas. Good luck Ramsey!

Dr. Matt Hornbach, Ian Richards and Maria-0.8( l)-3.3(u)-0. 0.004 Tw 4.391 0 Td 5402-0.001 Tc 0.003 Tw 0.228

Casey Brokawa graduate student, travelled to Denver to collect core samples from Anadarko Petroleum Corporation for his research project. He is measuring the thermal conductivity of the samples here in the Geothermal Lab. Anadarko Petroleum Corporation is generously supporting his research.

Casey Brokawa also worked with Dr. Patrice Magnani of the SMU Huffington Department of Earth Sciences on the Eastern North American Margin (ENAM) Community Seismic Experiment. They collected an onshore passive source seismic refraction profile. Information on EMAN is available at <http://geoprisms.org/initiatives/sites/rie/enam/>.

Andrés Ruzo a graduate student, has just returned from the Peruvian Amazon where he collected additional water temperature, chemistry, and biology data for his research project.

Ben Phrampus a graduate student, took part in a successful seismic survey of the Hikurangi Margin off the east coast of New Zealand in May and June, then helped build and deploy the seismic equipment for the Hebgen Lake field studies trip in July.

The SMU Geothermal Lab, along with the SMU Huffington Department of Earth Sciences, was happy to



Investment Holdings to Launch Energy Smart Housing Community in Austin, Texas and is available at <http://www.businesswire.com/news/home/20150120005878/en/BostonTaurusInvestmentHoldingsLaunch-Energy#.Vd3OcvIVhBd>

### Job Seeker

We heard from a PhD graduate who is looking for a position. His information is as follows:

My name is Michael Cole, PhD and I recently earned my Doctorate of Environmental Science and Engineering in Energy from the University of Texas at El Paso. I am a multi-disciplinary professional with 20 years of international business and engineering leadership experience, and have demonstrated successes in development and continuous improvement of global processes, services and products. Career contributions include \$M's in revenue growth and cost reduction while fostering employee, supplier and customer excellence. I hope to apply these skills with an innovative organization based in academics or business in the West. If you have a fit for a detail conscious self-starter driven to deliver sustainable and profitable actions with a passion for energy and the environment, please view my profile at

## Calendar

September 20-23, 2015- Geothermal Resources Council Meeting and Geothermal Energy Association EXPO, Reno, Nevada. More information: <http://www.geothermal.org/meetnew.html>.

October 14-16, 2015- 22<sup>nd</sup> Border Energy Forum, San Diego, California. More information: <http://borderenergyforum.org/>.

October 20, 2015 National Geothermal Day. More information: <http://www.geothermalday.com/>

November 3-4, 2015- NREL Industry Growth Forum, Denver, Colorado. More information: <http://www.industrygrowthforum.org/>.

November 11-13, 2015- GridNEXT 2015, Houston, Texas. More information on the TREIA website: <http://www.treia.org/conference/>.