



Welcome to the SMU Geothermal Lab newsletter for May. This month we have information on prizes for sustainable energy work, congratulations to recent graduates and the opening of registration for the 2018 Power Plays conference.

SMU Geothermal Laboratory Notes

Congratulations to **Casey Brokaw** on the successful defense of his Master's Thesis "Improved Thermal Conductivity and Heat Flow for the Northern Denver Basin". Good luck teaching next year!

Congratulations to **Alex Santos** on graduating with a Bachelor of Science degree from the Huffington Department of Earth Sciences at SMU. Good luck at Penn State!

Congratulations to our recent graduate **Mitchell Williams** on being accepted to Harvard Business School. We want to hear about your research on Lithium and geothermal as part of the program. Good Luck!



Picture – SMU Logging van and trailer carrying our wireline systems.

The SMU Geothermal Lab is liquidating our **wireline systems** ... ready for bidding to begin. We are selling 25,000 ft of 0.092" diameter Grade 18-18-2 stainless steel wireline and the trailer. We also have another 10,000 ft of analog wireline with assorted tools (calipers, gamma ray, resistivity, etc.) to sell. Contact us at geothermal@smu.edu if interested or have suggestions for selling. More information: <https://www.linkedin.com/pulse/wirelines-well-logging-maria-richards?published=t>.

Matt Hornbach, Maria Richards and **Ian Richards** are leading students on a field trip in June to study the geology of Western U. S. National Parks. They will be exploring from the Jemez Mountains in New Mexico, through the canyon country of Arizona and eastern Utah, to the depths of the Gunnison River in Colorado before climbing high into the San Juan Mountains. Two weeks of geology bliss! (Hah, hopefully in a van better than the geothermal logging van pictured above!)

We have an update on the **st1 Deep Heat** project up on our blog at <http://blog.smu.edu/geothermallab/2017/05/15/st1-deep-heat-drilling-to-resume/>.

2018 SMU Power Plays Conference

POWER PLAYS™

DRILLING INTO GEOTHERMAL ENERGY APPLICATIONS

#SMUPowerPlays

January 10-11, 2018

SMU Campus, Dallas, TX

Registration is open for our conference, [Power Plays: Drilling into Geothermal Energy Applications](#), January 10-11, 2018 on the SMU campus in Dallas, Texas. We are accepting abstracts and have sponsorship opportunities available.

- **Registration** – register today for the 2018 SMU Power Plays conference. More information: <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/Registration>.
- **Call for Abstracts** – you are invited to submit an abstract for a talk or poster presentation. Abstracts are due Friday **October 13, 2017**. More information: <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/CallForAbstracts>.
- **Sponsorship** – increase your company’s visibility and interact with a broad cross section of the geothermal and energy community by becoming a sponsor of the 2018 SMU Power Plays conference. Contact Cathy Chickering Pace at 214-768-1510, catherine@smu.edu or visit <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/Sponsorship>.

Congratulations

Congratulations to **Langson Energy** on being selected by Kenya Electricity Generating Limited to conduct a **green technology feasibility study** for their Olkaria Geothermal Power Plant. More information: <http://langsonenergy.com/archives/3833>.

Congratulations to **Darrell Hoffman** on being appointed President of **Reliable Turbine Services**, a subsidiary of Fuji Electric Corp. of America. More information: <http://americas.fujielectric.com/reliable-turbine-services-appoints-new-president/>.

Congratulations to **Clint Thomas** on his new position as Assistant Director of Power & Automation Systems at Texas Christian University. Thank you for your years of leadership at SMU!

Congratulations to all the **recent graduates**. Let us know what is next for you, and send us your new email address so we can stay in touch.

Opportunity for Funding

The **Zayed Future Energy Prize** is seeking **submissions** from companies, non-profits and high schools around the world that are engaged in innovative, sustainable energy work. Submissions are due **July 6, 2017**. More information: <http://www.zayedfutureenergyprize.com/en/>.

Geothermal News and Notes

As part of its implementation of **Executive Order 13771, “Reducing Regulation and Controlling Regulatory Costs,”** the Department of Energy (DOE) is seeking comments and information in identifying existing regulations, paperwork requirements and other regulatory obligations that can be modified or repealed, consistent with law, to achieve meaningful burden reduction while continuing to achieve the Department’s statutory obligations. Please see the **Federal Register** for more details at <https://www.federalregister.gov/documents/2017/05/30/2017-10866/reducing-regulation-and-controlling-regulatory-costs>

The DOE Southwest Combined Heat and Power TAP has posted two of its recent webinars online. **CHP in Industrial Applications** is available at <https://vimeo.com/217207647> and **CHP in Microgrids** is available at <http://www.southwestchptap.org/event?EventID=1595>. Their next webinar is June 13, 2017 and is titled **CHP for Food Processing - Lowering Operating Costs and Improving Food Quality**. More information: <http://www.southwestchptap.org/event?EventID=1616>.

Controlled Thermal Resources is developing a **utility-scale geothermal project** at the Salton Sea in California called the Hell’s Kitchen Geothermal Project. Mineral extraction from the geothermal brine is part of the project. More information: <http://www.cthermal.com/>. We welcome the Australian geothermal knowledge to United States!

There is a **speaker request** for the **Hinton, Canada** Chamber of Commerce meeting in late-June. They are looking for a presentation on geothermal and ideally someone providing information and inspiration. It will be **30-45 minutes via video** if not in person. Contact Dewly Nelson dewly@me.com. They are working on the project: Pre-FEED Study: Hinton Geothermal District Energy System.

Geothermal Heat Pump News and Notes

IGSHPA has a number of **training workshops** coming up in Stillwater, Oklahoma including Certified GeoExchange Designer Workshop, Certified Residential Geothermal Designer Workshop and IGSHPA Accredited Installers Workshop. They also have online classes available. More information: <https://igshpa.org/training>.

Other Event Details

The **39th New Zealand Geothermal Workshop** has issued a **Call for Abstracts** for “Geothermal: renewable energy in the next 10 years”, November 22-24, 2017 in Rotorua, New Zealand. Abstracts are due **June 14, 2017**. More information: <http://www.geothermalworkshop.co.nz/>.

Registration is open for the **Caribbean Renewable Energy Forum**, October 18-20, 2017 in Miami, Florida. More information: <http://newenergyevents.com/cref/>.

Save the Date for the **2017 Geothermal Technologies Office Peer Review, November 13-15, 2017** in Denver, Colorado. Information on recent GTO projects: <https://energy.gov/eere/geothermal/downloads/2016-annual-report-geothermal-technologies-office>.

Calendar

June 13, 2017 - CHP for Food Processing - Lowering Operating Costs and Improving Food Quality webinar. More information: <http://www.southwestchptap.org/event?EventID=1616>.

June 19-30, 2017 - National Geothermal Academy, University of Nevada, Reno, Redfield Campus. More information: <http://www.gbcge.org/education-NGA.php>. Registration payment is due **9th June 2017**.

Module 1: Geothermal drilling engineering 19th - 23rd June 2017 (M - F, 8:30 - 4:30pm)
Instructor: Bill Rickard, Geothermal Resource Group

Module 2: Geothermal reservoir engineering 26th - 30th June 2017 (M - F, 8:30 - 4:30pm)
Instructor: Prof. Roland Horne, Stanford University

June 25-28, 2017 - 51st U.S. Rock Mechanics / Geomechanics Symposium, San Francisco, California. More information: <http://armasyposium.org/>.

October 1-4, 2017 – GRC Annual Meeting and GEA GEOEXPO+ Salt Lake City, Utah. More information: <https://geothermal.org/meet-new.html> and <http://geothermalexpo.org/>. 250 papers were submitted!

October 18-20, 2017 - Caribbean Renewable Energy Forum, Miami, Florida. More information: <http://newenergyevents.com/cref/>.

November 13-15, 2017 - Geothermal Technologies Office Peer Review, Denver, Colorado. Information on recent GTO projects: <https://energy.gov/eere/geothermal/downloads/2016-annual-report-geothermal-technologies-office>.

November 22-24, 2017 - 39th New Zealand Geothermal Workshop, Rotorua, New Zealand. More information: <http://www.geothermalworkshop.co.nz/>.

January 10-11, 2018 - SMU Power Plays conference. Registration is open. More information: <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference>.

Suggestions for an upcoming newsletter? Email geothermal@smu.edu.

To unsubscribe, email geothermal@smu.edu.