



Welcome to the SMU Geothermal Lab update for November. We have news on Dave Blackwell and the job search for his position, TREIA awardees, our next conference, a new Canadian geothermal map and database, and a list of upcoming events. Our December Newsletter is going to be themed, "Make a Wish". Send in a wish list item or short blurb explaining what will bring you joy and success in 2015. Submit to Christine at geothermal@smu.edu by December 2.

SMU Geothermal Laboratory Notes

The SMU Geothermal Lab is hosting another conference! **Power Plays: Geothermal Energy in Oil and Gas Fields** will be held May 18 – 20, 2015 on the SMU Campus in Dallas, Texas. If you are interested in **speaking** or being a **sponsor** please contact Maria Richards (mrichard@smu.edu) or Cathy Chickering Pace (catherine@smu.edu). More details coming soon!

Congratulations to **Dave Blackwell** on his special session at the **Geothermal Resources Council Annual Meeting** in Portland last month. The presentations by past students and colleagues focused on heat flow and resource understanding showing the breath of Dave's knowledge. He worked with over 50 students on their graduate degrees. *Thank you* to the session sponsors: **Bernie and Connie Parks Carl** of Chena Hot Springs, **Randy Normann** of Perma Works Inc., **Al Waibel, Susan Petty, Joe Moore, Steve Ponder, and Jeff Tester**. **Al Waibel, Alex Sifford** and **Bob Fujimoto** of the Portland GRC Chapter gave Dave a Pendleton blanket for his ranch. A picture of Dave with some of his colleagues is below. For those wondering what Dave's up to, he is usually here midweek working on our grants and with the graduate students. Plus we all are hoping for the field trip to Yellowstone he's been talking about for years. Maria's wish list item.



Congratulations to **Ryan Dingwall** of the SMU Geothermal Lab on being hired by **SandRidge Energy, Inc.** in Oklahoma City, Oklahoma. Good luck at your new job! Thank you for your fortitude in completing the Dixie Valley Synthesis.

Congratulations to **Lincoln Schick** of the SMU Geothermal Lab on his internship with **Mogul Energy International, Inc.** in Houston, Texas. Good luck at your new job!

Congratulations to **Andrés Ruzo** of the SMU Geothermal Lab on his **TEDGlobal 2014** talk in Rio de Janeiro on October 7, 2014. Read more at: <http://blog.ted.com/2014/10/07/boiling-river-of-the-amazon-andres-ruzo-at-tedglobal-2014/>.

Welcome back to **Matt Hornbach** and **Ben Phrampus** of the SMU Geothermal Lab who took part in the **Eastern North American Margin Community Seismic Experiment** (ENAM CSE) onboard the R/V Marcus Langseth off the Atlantic Coast. More information: <http://www.geoprisms.org/enam/community-seismic-experiment.html>. Results from this work will be presented at our May conference.

Thanks to **IHS** for their generous donation of the **Kingdom and Petra software suite** to the SMU Geothermal Lab. Our faculty, staff and students greatly appreciate access to these programs. More information: <http://www.ihs.com/products/oil-gas/geoscience-software/kingdom-seismic-interpretation/index.aspx>.

Thanks to **DrillingInfo** for their generous donation of access to their database of oil and gas well information for students, staff and faculty. This donation improves our research and teaching. More information: <http://info.drillinginfo.com/>.

Congratulations

Congratulations to **Hala Ballouz** of Electric Power Engineers for receiving the **Charles H. Freeman Service Award** for contributing exceptional service and commitment to **TREIA** by opening paths for individuals to pursue work they truly and passionately believe in and creating a vision of a cleaner, safer, more secure, and ultimately sustainable energy industry.

Congratulations to **Texas Renewable Energy Industry Association** on your 30th Anniversary! TREIA award winners: Local Advocacy Award - **North Texas Renewable Energy Group**, Local Collaboration of the Year - **North Central Texas Council of Governments**, Pushing the Envelope Award - **Austin Energy and Recurrent Energy**, Project of the Year - **First Solar**, Member of the Year - **Melissa Miller** of Miller Wind & Renewables, LLC. More details online: <http://www.treia.org/texas-renewables-2014-awards-recap>.

Congratulations to **GreenMax Capital Advisors** for securing a \$950,000 Grant from US Overseas Private Investment Corporation (OPIC) for a **40 MW Geothermal Project in Kenya**. More information: <http://www.renewableenergyfocus.com/view/40389/greenmax-capital-advisors-secures-financing-for-large-geothermal-project-in-kenya/>.

Opportunity for Grant Money

The **Department of Energy** announced the topics for an **upcoming funding opportunity** for small businesses which include two **geothermal subtopics**: a) innovations to develop under-utilized markets and b) a technology transfer opportunity for coproduced geothermal resources. This grant will be issued on November 24, 2014. Letters of intent are due December 15 and full applications by February 3, 2015. More information: <http://science.energy.gov/sbir/funding-opportunities/>.

Job Opening

Nominations and applications are being accepted for the **W. B. Hamilton Chair** in the Roy M. Huffington Department of Earth Sciences at **SMU**, the chair previously held by Dave Blackwell. Applications are due January 5, 2015. More information:

http://www.smu.edu/~media/Site/Dedman/Academics/Departments/EarthSciences/PDF/HamiltonChair06029_ad.ashx?la=en.

Geothermal News and Notes

CanGEA has released **Geothermal Resource Estimate Maps for British Columbia**, and has updated the **National Database**. Over 50 maps, tables, graphs and databases are now available at <http://www.cangea.ca/bc-geothermal-resource-estimate-maps.html>.

The **Federal Energy Management Program's** (FEMP) inaugural Assisting Federal Facilities with Energy Conservation Technologies (AFFECT) funding will support nine **CHP or renewable energy** projects at Federal Facilities. More information: <http://energy.gov/eere/articles/energy-department-announces-5-million-develop-clean-energy-projects-federal-facilities>.

ElectraTherm's **Green Machine** was featured in the October issue of Diesel & Gas Turbine Worldwide as a "**Radiator with a Payback**". Read the full article at: <http://electratherm.com/docs/DGTW%20reprint%20-%20Electratherm.pdf>.

The **Energy Department** has released a report by the JASON group on the **State of Stress in Engineered Subsurface Systems** including enhanced geothermal systems. More information: <http://energy.gov/articles/2014-jason-report-state-stress-engineered-subsurface-systems>.

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Event Details

The 1st **Texas Energy Storage Summit**, will be held in Austin, Texas on **December 5th, 2014** This will be a one-day workshop aimed at bringing together the larger international storage industry (manufacturers, developers, system owner-operators, researchers) with activities and market participants engaged in or interested in energy storage here in Texas. More information: <http://energystorage.org/events/esa-texas-energy-storage-summit>.

Abstracts are being accepted for **The Energy and Materials Research Conference - EMR2015**, which will be held in Madrid, Spain on 25 - 27 February 2015. Abstracts for oral presentations are due **10 November 2014**, and abstracts for poster and virtual presentations are due **11 December 2014**. More information: <http://www.emr2015.org/>.

Save the date for the 2015 **Geothermal Technologies Office Peer Review** to be held in Westminster, Colorado on **May 11 – 15, 2015**. More information soon: <http://energy.gov/eere/geothermal/geothermal-technologies-office>.

Calendar

December 5th, 2014 – 1st Texas Energy Storage Summit, Austin, Texas. More information: <http://energystorage.org/events/esa-texas-energy-storage-summit>.

December 9 - 11, 2014 - PowerGen and Renewable Energy World Conference & Expo North America, Orlando, Florida. **Maria Richards** will be presenting in the Hybrid Solutions session on Dec. 10. More information: <http://www.power-gen.com/index.html>.

December 10-12, 2014 – NAPE, Denver, Colorado. More information: <http://www.napeexpo.com/nape-shows/nape-rockies>.

December 22, 2014 - January 2, 2015 - SMU will be closed during this time for the holidays.

January 26-28, 2015 - Stanford Geothermal Workshop, Stanford, California. More information: <https://pangea.stanford.edu/researchgroups/geothermal/stanford-geothermal-workshop>.

February 25-27, 2015 - GeoProc 2015, Salt Lake City, Utah. More information: <https://secureweb.inl.gov/geoproc2015/Default.aspx>.

February 25-27, 2015 - The Energy and Materials Research Conference - EMR2015, Madrid, Spain. More information: <http://www.emr2015.org/>.

May 18 – 20, 2015 - SMU Geothermal Lab **Power Plays: Geothermal Energy in Oil and Gas Fields**, SMU Campus, Dallas, Texas. Email mrichard@smu.edu to sign up for conference updates or discuss being a speaker. Details soon at <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference>.