



Welcome to the SMU Geothermal Lab "Make a Wish" newsletter for December. See if you can answer any of the wish lists items below. Keep sending us items for inclusion in future newsletters.

SMU Geothermal Laboratory Notes

The **SMU GeoClub/AAPG Student Chapter** held their first annual **Alumni Career Panel**. It was a huge success with students from freshman to PhD levels discussing ideas with our Alumni: **Paten Morrow** (MorningStar Partners), **David Robertson** (EPA – NEIC Region 6), and **LaCretia White** (Pioneer Natural Resources). If you're interested in participating in future GeoClub/AAPG events let us know – geothermal@smu.edu.

Zach Frone is defending his PhD dissertation December 18th at 10 am in Heroy room 153! If you are in the area, come listen to what he has learned about modeling Oregon's Newberry Caldera thermal history and geochemistry and West Virginia's Appalachian basin heat flow. Good luck Zach!

Maria Richards of the SMU Geothermal Lab is presenting in the Hybrid Solutions Wednesday morning session at **PowerGen and Renewable Energy World Conference & Expo North America**, in Orlando, Florida on December 10, 2014. More information: <http://www.power-gen.com/index.html>.

The SMU Geothermal Lab is seeking **sponsors** and **speakers** for our next conference, **Power Plays: Geothermal Energy in Oil and Gas Fields**, which will be held on the SMU Campus on May 18-20, 2015. Over 200 individuals in field operations, project development, technology, finance, engineering and resource assessment from the geothermal, oil, gas and renewable energy sectors are expected to attend.

- **Sponsors.** Please contact [Cathy Chickering Pace](mailto:Cathy.Chickering@smu.edu) if you are interested in being a conference sponsor. More information: <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference/Sponsors>.
- **Speakers.** Please contact [Maria Richards](mailto:Maria.Richards@smu.edu) if you are interested in being a speaker or presenting a poster or send in your abstract.
- **Attendees.** Email geothermal@smu.edu to sign up for conference updates.

Wish List

Graduate students wish for more collaboration from the oil and gas industry **of reservoir data** for depleted fields. Does your company have oil and gas data in drawers or files to share?

- porosity and permeability
- pressure-temperature logs
- bottom hole temperatures

- logging suites
- seismic data

We can help you make these data available to graduate students and other researchers nationwide. Email [Maria Richards](#) to discuss the options available.

Did you know that the United States Department of Agriculture has a **Rural Energy for America Program (REAP)** that provides financial assistance to agricultural producers and rural small businesses in rural America to purchase, install, and construct **renewable energy systems** and to use renewable technologies that reduce energy consumption? If your wish is **grant money**, check them out at http://www.rurdev.usda.gov/BCP_Reap.html.

If your wish is for access to the SMU Geothermal Lab **2011 Heat Flow map and grid**, then you are in luck. This work, which was supported by Google, is now available for purchase. Contact [Maria Richards](#) for more information.

If you wish you knew more about **energy storage**, check out the information from the Texas Energy Storage Summit at <https://www.regonline.com/builder/site/default.aspx?EventID=1606870> or read an article at <http://blogs.scientificamerican.com/plugged-in/2014/11/18/three-reasons-oncors-energy-storage-proposal-is-a-game-changer/>.

If your wish is to learn more about companies that supply **equipment** for generating **energy** from **oil and gas wells**, check out the new list on our website at <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/LabResearch/OilandGas/TechnologyList>. To have your company added to the list, email geothermal@smu.edu. For more information, contact [Maria Richards](#).

If your company is looking for a **new place to invest**, check out Eastern Germany during the "Texas Roadshow 2014" put on by Germany Trade & Invest on December 9, 2014 in Dallas, Texas and December 10, 2014 in Austin, Texas. More information: <http://www.gtai.de/GTAI/Navigation/EN/Invest/Business-location-germany/Powerhouse-eastern-germany/trade-shows-events.html>.

Tech companies that wish to learn about **technology transfer** should check out <http://www.nrel.gov/technologytransfer/ncap.html>.

If you are a researcher wishing for **more data**, check out the SMU Node of the National Geothermal Data System at <http://geothermal.smu.edu/gtda/>.

Summer internships and **full-time jobs** are always a wish. Email geothermal@smu.edu if your company has an opening, and we will include the information in the next newsletter and can send it directly to a student list.

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. Please pass this information along to anyone you know who may be interested in this position: http://www.smu.edu/~media/Site/Dedman/Academics/Departments/EarthSciences/PDF/HamiltonChair06029_ad.ashx?la=en.

Geothermal News and Notes

The **Texas Commission on Environmental Quality** (TCEQ) publishes articles online. The December 2014 article summarizes a recent TCEQ Open House that answered questions from the public on **oil and gas** activities. More information: <https://www.tceq.texas.gov/publications/pd/020/2014/tceq-hits-the-road>.

The **Geothermal Energy Association** is working to improve the **Energy Information Administration's** forecasting and data collection for future geothermal power projects. EIA collects **data on operating and developing power projects**, which becomes publically available when no longer proprietary or confidential. They collect this information through the [860](#) and [923](#) forms. If you'd like to suggested changes to these forms, contact GEA through Benjamin Matek at ben@geo-energy.org.

Event Details

The **Texas Commission on Environmental Quality** is cosponsoring the **Central Texas Environmental Summit** for people who live and work along the Austin/San Antonio IH-35 corridor on **December 8, 2014**, in Bastrop, Texas. The event gives residents, local and state leaders, businesses, students and all interested parties an opportunity to discuss long-term solutions to environmental challenges unique to this rapidly growing area. More information: <https://www.tceq.texas.gov/assistance/central-texas-environmental-summit/central-texas-environmental-summit>.

Calendar

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

December 8, 2014 - Central Texas Environmental Summit, Bastrop, Texas. More information: <https://www.tceq.texas.gov/assistance/central-texas-environmental-summit/central-texas-environmental-summit>.

December 9, 2014 - Germany Trade & Invest "**Texas Roadshow 2014**", Dallas, Texas. More information: <http://www.gtai.de/GTAI/Navigation/EN/Invest/Business-location-germany/powerhouse-eastern-germany,did=1115372.html>.

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, 2014 - Germany Trade & Invest "**Texas Roadshow 2014**", Austin, Texas. More information: <http://www.gtai.de/GTAI/Navigation/EN/Invest/Business-location-germany/powerhouse-eastern-germany,did=1115382.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 24, 2015 – Geothermal Energy Association **State of the Geothermal Industry Briefing**, Washington, DC. More information: http://www.geothermal.org/events/2015/Geothermal_Industry_Briefing_2015.aspx.

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 Conference **Power Plays: Geothermal Energy in Oil and Gas Fields**, SMU Campus, Dallas, Texas. Email geothermal@smu.edu to sign up for conference updates, become a sponsor or speaker. <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference>.