



Welcome to the SMU Geothermal Lab newsletter for February. This month we have an update on our conference, news of two newly published books, two internships and a list of geothermal information resources.

2016 SMU Geothermal Lab Power Plays Conference



POWER PLAYS™

GEOTHERMAL ENERGY IN OIL AND GAS FIELDS

Conference & Workshop April 25-26, 2016 SMU Campus, Dallas, TX

It is time to take advantage of the early bird rate and [register](#) for the 2016 Power Plays conference and workshop. Are you looking for a way to increase your company's visibility? Become a Power Plays conference [sponsor](#) and help advance the understanding of current energy resources. Do you have a great social media network? Share our conference information and help us spread the word about our conference using #SMUPowerPlays. For all our conference information, check the website <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference>.

- **Sponsorship** – Contact Cathy Chickering Pace, catherine@smu.edu or 214-768-1510, to find the [sponsorship](#) level that is right for your company.
- **Registration** – [register now](#) to take advantage of the early bird rate, and to secure your slot in the workshop.
- **Student registration** – thanks to generous sponsorship from SedHeat, discounted [student registration](#) is available until April 12, 2016.
- **Social media** – follow us on [Twitter](#), like us on [Facebook](#) and check out our new [blog](#). Share our posts and help us get the word out about the conference using #SMUPowerPlays.

SMU Geothermal Laboratory Notes

Congratulations to **Andrés Ruzo** on launching the Boiling River Project, a 501(c)(3) nonprofit dedicated to protecting the Boiling River in the Amazon and its surrounding jungle. Check out their website at <http://www.boilingriver.org/>. You can purchase the book “The Boiling River: Adventure and Discovery in the Amazon” by Andrés Ruzo at <http://www.ted.com/read/ted-books/ted-books-library/the-boiling-river>.

Congratulations to **Ben Phrampus** on his new position as National Energy Technology Laboratory Methane Hydrate Fellow. Good luck in Oregon!

Geothermal News and Notes

Good luck to **Jared Smith** of Cornell University on his upcoming thesis defense. Jared's thesis is titled A Coupled Numerical and Geostatistical Heat Flow Model for Geothermal Resource Reconnaissance Applied in the Appalachian Basin.

CanGEA is hosting a **Summer Internship Program** for students and recent graduates who are CanGEA members. Registration is due **February 26, 2016**. More information: <http://www.cangea.ca/internship-program.html>.

Breeze Energy in Dallas, Texas is looking for several driven, creative and outgoing individuals for a paid **internship**, starting in March 2016. The positions are 6 or more hours per week and / or some key weekends and would suit someone interested in special events, marketing/advertising, environmental studies, or journalism. Send a cover letter with your resume and weekly / weekend availability to cdowgwillo@breezeenergy.com.

The **Geothermal Resources Council (GRC)** has many opportunities for students. They are looking for students for the **2016 Student Committee**. Email Anh Lay at alay@geothermal.org to volunteer. Thank you to the 2015 Student Committee:

James Crowell (President) - University of North Dakota
Anna Crowell (Past-President) - University of North Dakota
Kamran Jahan Bakhsh - Colorado School of Mines
Joseph Batir - Southern Methodist University
Owen Callahan - University of Texas, Austin
Adam Hawkins - Cornell University
John Sisler - University of Auckland, New Zealand
Donnel A. Malkemus - Portland State University
Maciej Z. Lukawski - Cornell University
Ali Moradi - Colorado School of Mines
Bach H. Pham - University of Texas, Dallas
Hafiz M. Salman - Technical University of Lisbon, Portugal

GRC is accepting applications for the **2016 GRC Scholarship Awards**. Applications are due **April 8, 2016**. More information: <http://www.geothermal.org/students.html>.

Lastly, GRC is accepting applications for GRC **Student Chapters**. Email Past-President Anna Crowell at anna.crowell@my.und.edu for more information.

The **Department of Energy** has released its **budget** for fiscal year 2017 which includes increased funding for the clean energy R&D. More information: <http://energy.gov/articles/president-s-2017-budget-proposal-doe-supports-energy-innovation-national-security-nuclear>. Details on the Geothermal Technologies Program begin on page 171 of FY2017 Budget Volume 3: http://energy.gov/sites/prod/files/2016/02/f29/FY2017BudgetVolume3_1.pdf.

The new book **Geothermal Energy: Delivering on the Global Potential** covers all aspects of geothermal from EGS to Geothermal Heat Exchangers. You can purchase a hard cover copy or download a **free PDF** version at <http://books.mdpi.com/pdfview/book/166>.

This Month's Highlighted Resources

Geothermal Information

- The Geothermal Technologies Office (GTO) has information on all forms of geothermal energy including Enhanced Geothermal Systems, Hydrothermal Resources, Low-Temperature and Coproduced Resources. <http://energy.gov/eere/geothermal/geothermal-energy-us-department-energy>
- The National Renewable Energy Laboratory (NREL) offers tools such as [Geothermal Prospector](#) which will guide you through the geothermal development process, and [System Advisor Model](#) which will estimate your project cost based on fluid flow, temperature, etc. <http://www.nrel.gov/>
- The U.S. Department of Energy Information Administration (EIA) has a vast amount of data, reports, forecasts, analytical content, and documentation to assist researchers working on energy topics. <http://www.eia.gov/>
- The Geothermal Resources Council (GRC) has a number of resources available including a [blog](#), [Bulletin](#) and [Geothermal Library](#). <http://www.geothermal.org/>
- Geothermal Energy Association (GEA) has a number of resources including geothermal basics, a [newsletter](#) and [reports](#). <http://www.geo-energy.org/>
- The International Heat Flow Commission has a global heat flow database. <http://www.heatflow.und.edu/index2.html>
- National Geothermal Data System (NGDS) gathered and cataloged a wide variety of geothermal and oil & gas information and made it accessible for end users. <http://geothermaldata.org/>
- International Geothermal Association (IGA) website contains extensive information about geothermal energy around the world. A great source for finding publications, photographs, and data about geothermal efforts world-wide. <http://www.geothermal-energy.org/>
- Canadian Geothermal Energy Association (CanGEA) is the collective voice of Canada's geothermal energy industry with a focus on the power generation from geothermal energy resources and industry-scale direct use. <http://www.cangea.ca/>
- ThinkGeoEnergy has geothermal news from the US and around the world. <http://thinkgeoenergy.com/>

Other Event Details

SEG has issued a **Call for Abstracts** for their 2016 Annual Meeting to be held in Dallas, Texas on 16-21 October 2016. Abstracts due **April 1, 2016**. More information: <http://www.seg.org/web/annual-meeting-2016/call-for-papers>.

National Geothermal Academy is accepting applications for the summer 2016 **short course** on reservoir engineering, June 20-24, 2016 at the University of Nevada, Reno. Student applications due **April 22**,

2016 and professional applications June 6, 2016. More information: <http://www.gbcge.org/education-NGA.php>.

Save the Date for **Earth Day Texas, April 22-24, 2016** in Dallas, Texas. Events this year include a TREIA Member Mixer, The US State Department's Fishackathon and a Sustainable Savor and Local Untapped festival complete with live music. More information: <http://earthdaytx.org/>.

Geothermal Resources Council has issued a **Call for Papers** for their 40th Annual Meeting October 23-26, 2016, Sacramento, California. Papers are due Friday **May 6, 2016**. More information: http://www.geothermal.org/Annual_Meeting/call_for_papers.html.

Calendar

March 17, 2016 – Geothermal Energy Association's International Geothermal Energy Showcase, Washington, DC. More information: http://geo-energy.org/2016_International_Geothermal_Showcase.aspx.

April 17-22, 2016 - European Geoscience Union General Assembly 2016, Vienna, Austria. More information: <http://egu2016.eu/home.html>.

April 22-24, 2016 - Earth Day Texas, Dallas, Texas. More information: <http://earthdaytx.org/>.

☺ **April 25-26, 2016 – SMU Geothermal Lab *Power Plays: Geothermal Energy in Oil and Gas Fields***, SMU Campus in Dallas, Texas. Time to [register](#) for the conference and workshop. More information: <http://www.smu.edu/Dedman/Academics/Programs/GeothermalLab/Conference>.

October 23-26, 2016 - GRC Annual Meeting & GEA Geothermal Energy Expo, Sacramento, California. More information: <http://www.geothermal.org/>.

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