

June 2013 News Notes

- Strong Buckeye presence at AAPG
- Prof Andrea Grottoli studies coral resilience to climate change
- Prof Lonnie Thompson featured in *Columbus Dispatch* article

Strong Buckeye presence at AAPG



The AAPG annual meeting in Pittsburgh wrapped up in late May. The School had a strong presence at the meeting that included 18 students (mostly undergraduates), research staff, eight faculty members and Divisional Dean, Peter March. Many of the students whom we talked to said it was an amazing experience. They enjoyed the sessions, the technology on display, and the company representatives, who were happy to talk with them about the industry and potential employment opportunities. The students found enough office supplies and other freebies to outfit them for the coming school year and a few managed to find the free 17-year old scotch and hand-rolled cigars. This kind of educational opportunity and introduction to the petroleum industry is just what alumnus Jory Pacht, Ph.D. 1980, was aiming to

- Our student contingent at the AAPG/SEPM Student Reception.

provide through his kind gifts throughout the years, gifts which have facilitated student attendance at AAPG conferences.

The School hosted two events at the meeting, our Monday evening reception at the All-Alumni cocktail event on Monday evening and the breakfast on Tuesday morning.

A roomful of current students and faculty met with the alumni and alumnae to enjoy the annual breakfast on Tuesday morning of the AAPG meeting. Also present at the breakfast were Dean Peter March, divisional dean of Natural and Mathematical Sciences and Ben Kuflewski, associate director of development of Arts and Sciences.



- At the Alumni Breakfast, Jim McDonald, alumnus and Vice-President of the AAPG Eastern Section presented an award. Seated to his left are Jory Pacht and Pete MacKenzie.

At the Ohio State University booth on the main floor of the exhibition, Sue Welsh and Julie Sheets, along with faculty and students, took time to explain our new research, graduate student opportunities and initiatives underway at the university level through SERC, the Subsurface Energy Resource Center, of which Jeff Daniels is Director. Traffic at the booth was brisk throughout the meeting. Financial support from SERC and the School helped to fund this new initiative.



❑ Dr. Sue Welsh is shown attending the SERC/School booth on the main convention floor. The displays describe energy science, SEMCAL and degree programs offered in the School.



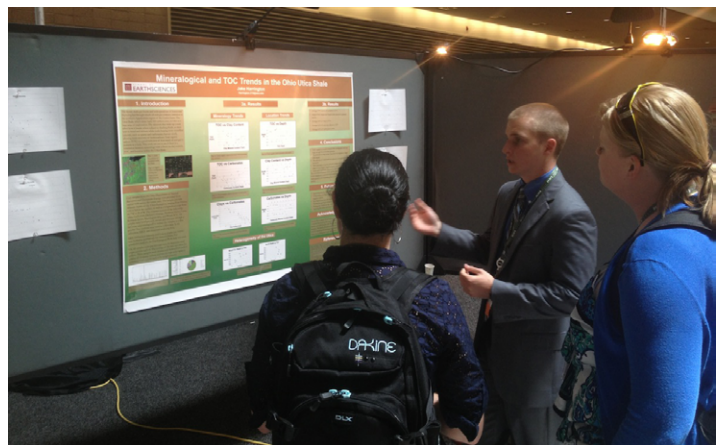
❑ Students enjoyed breakfast with the alumni at AAPG



❑ Director Berry Lyons speaks at the alumni breakfast



❑ Emily England Glick (BS 2008), now a geoscientist at TetraTech at their Pittsburgh office, attended the alumni breakfast with her son, Liam. Pictured with Directory Berry Lyons.



❑ Jake Harrington (BS 2015) talking about his poster.

Prof Grottoli studies coral resilience to climate change

How corals might respond to future coastal ocean conditions is being evaluated by Dr. Andrea Grottoli and her graduate student Miriam Geronimus this month at the Centre Scientifique de Monaco (<http://www.centrescientifique.mc/>) located in the Musee Oceanographique de Monaco (<http://www.oceano.mc/>). In collaboration with Dr. Christine Ferrier-Pages, Dr. Grottoli is exposing corals to elevated temperature, low light, and high feeding conditions -- conditions that are expected to develop in coastal environments where high nutrient loading will reduce light levels and promote zooplankton abundance (the food of choice for corals), while global warming will drive sea surface temperatures up. After a month in the experiments, the physiology and biogeochemistry of treated and control corals will be compared to determine if some species are more resilient to such conditions, and to try and determine which characteristics underlie that resilience. Three species are currently involved in the study (*Pocillopora damicornis*, *Turbinaria reniformis*, and *Stylophora pistillata*). Results from this work could lead to a better understanding what kinds of corals might persist in the future, and what some coral communities might look like in the future. This work is funded by the PADI Foundation and supported by the Centre Scientifique de Monaco.



□ Graduate student Miriam Geronimus taking water samples from coral research aquaria. Centre Scientifique de Monaco, Monaco, May 2013.



□ Associate Professor Andrea Grottoli counting brine shrimp to determine coral feeding rates. Centre Scientifique de Monaco, Monaco, May 2013.

Prof Lonnie Thompson featured in *Dispatch* article

On May 17th, the *Columbus Dispatch* ran an article in their Health section entitled, “Heart transplant giving climatologist Lonnie Thompson a second chance”. The article focuses on how just a year after a transplant, Lonnie is able to resume scientific expeditions to glaciers. You can read the story at [this link](#).