# Geosciences

# DEPARTMENT OF PHYSICS AND GEOSCIENCES



MAY 2010

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# Newsletter

VOLUME 4, ISSUE 2

# **Program News**

# Noe and Ruben have been accepted at Texas A&M



Our recent graduates (2009) Ruben Cano (right) and Noe Saenz (left) were accepted into the Texas A&M University for the Fall semester. Noe Saenz will be starting his course-work in the Fall as a Research Assistant in Geospatial Science Division of Geography department. Ruben Cano will be starting his course-work in the Fall as a research assistant in Water Resources Division of Geology Department. Good job guys!

# Two geology majors presented at the Javelina Research Symposium



Alexandra Breeding presented her research poster entitled "Spatial Analysis of the Edwards Reef in North Central Texas" to the Javelina Research Symposium. Paul Laraway (Billy Hales and Alexandra Breeding) presented their poster "Development of Methodologies for the Modeling of Fluvial Aquifers using GMS/FEMWATER." Paul Laraway won one of the Presidential Awards, which comes with a plaque. Good job students!

# Eight Geology Majors gave a Campus-Wide Presentation on BBNP



Alexandra Breeding, J. R. Cavazos, Adam Pasciak, Elizabeth Lysinger, Jessica Garcia, Scott Van Winkle, Orlando Gonzalez, and Jonathon Stroup presented their talk entitled "Spring Break Fieldtrip to Big Bend National Park" to a broad campus audience. These students were led and supervised by Dan Jackson and Dr. Thomas Lee McGehee. We were happy to see our first graduate Mr. Richard Parker (Alumnus, 1974) with a Baccalaureate geology degree and one of our last Masters (2000) attend our talk. Our students presented a framed group picture of fieldtrip participants to TAMUK Administrators and Staff that helped make the fieldtrip happen. Dr.

Sonny Davis (Dean of Arts and Sciences) encouraged us to apply for the QEP and helped provide guidance in this project. The QEP committee (Directed by Dr. Duane Gardiner Vice President of Academic Affairs) provided vans, gasoline, and campground fees. Dr. Dann Brown and Herminio Ibanez (CCRAA Title V Grant) purchased 20 Brunton compasses for our field work. Dr. Teresa Remelius (V.P. Student Affairs) and Steven Kauf provided their services for food planning, ordering, and packing. Nino Mendietta purchased 6 large ice chests and 2 camping lanterns for our fieldcamp. Paula Breeding helped organize the fieldtrip and drove one of the vans. Thanks for all of your help!





# **Geosciences Newsletter**

# Department of Physics and Geosciences Texas A&M University - Kingsville

# CCGS Awards 4 Scholarships to TAMUK Geology Majors at April Meeting

Thomas Schunemann, Alexandra Breeding, Juan Cavazos, and Richard Hodges were awarded scholarships in the Spring Semester. The students were recognized by Dan Pedrotti, the President of Suemar Exploration, Inc. and Scholarship Chairman of CCGS this year. We appreciate the CCGS Scholarship Board for supporting these high-achieving students while they are attending our University.

#### **President and Provost visit**



President Steven Tallant (left) and Provost Rex Gandy (right) visited our program last month to meet the faculty and hear our prepared presentations. After our program presentations they told us we are a valued part of the TAMUK community. They provided useful insights into how we could improve and encouraged us to keep up our efforts to improve our programs. We are encouraged and proud of their leadership.

## Drs. McGehee and Yu receive University Research Award of \$24,000

Our project entitled "Developing Pathways to the Geosciences to South Texas" was selected as one of this year's University Research Awards winners. We will be providing training and resources to teach Earth and Space Sciences at two local high schools.

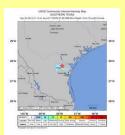
## Dennis Moore of Baker Hughes presented a class on Well Log Analysis

Dennis Moore from Baker Hughes presented an excellent workshop on the basics of Well Log Analysis to Dan Jackson's graduate class GEOL 5310 Petroleum Geology. Handouts included an excellent example of water, oil, and gas and false positives in single reservoir sands, giving students a good overview of real world problems in log interpretation.



# Dr. Buckley discussed the recent earthquake with local TV and Caller Times

A magnitude 4 earthquake occurred about 9:10 p.m. southeast of Agua Dulce, the U.S. Geological Survey reported. It occurred about 13 miles east of Alice, south of State Highway 44 near County Road 93, according to U.S. Geological Survey online maps. Dr. Buckley talked about the nature of earthquakes and the likely cause of the earthquake.



## Drs. John Buckley, Jim Norwine and Jae Yu Nominated for Awards

Dr. Jaehyung Yu was nominated for the Javelina Alumni Teacher of the Year award. Dr. Jim Norwine was nominated for the Alumni Researcher of the Year Award. John Buckley was nominated the General Education Teacher of the Year. Great job guys!

## Dr. Yu presents his research about Antarctica at 2010 AAG Conference

Dr. Yu presented his research titled "Quantitative Analysis of Antarctic Coastal Geomorphology based on ICESat Laser Altimetry along-track Profiles" at the 2010 Annual Meeting of the Association of American Geographers, Washington DC, April 14-18, 2010. His paper employs state-of-art remote sensing data on morphology of ice margins at Antarctica which are critical in global warming research.



Texas A&M University - Kingsville

# Dr. McGehee Presented at the Houston Geological Society – Environmental Division

Dr. Thomas McGehee presented his talk entitled "Development of Methodologies for the characterization and numerical modeling of fluvial aquifers" to the Houston Geological Society on April 20. This work was developed by Billy Hales and Paul Laraway during the past 2.5 years. You can get more information on this talk at www.hgs.org/en/cev/1157

# Photo Gallery (Geosciences Big Bend Filed Trip, Spring, 2010)



To Contact Us: Department of Physics and Geosciences, Texas A&M University – Kingsville MSC 175, 700 University Blvd, Kingsville TX, 78363, http://geosciences.tamuk.edu Editorial Board: Dr. Thomas McGehee (kftlm00@tamuk.edu, 361-593-3590) Dr. Jaehyung Yu (kfjy000@tamuk.edu, 361-593-3586)