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UT Studies in Weather and Climate

12TH ANNUAL EARTH SCIENCE WEEK CAREER FAIR

UT Commons Learning Center
J. J. Pickle Research Campus, Austin, Texas
October 7, 2011
9:45 a.m.— 2:00 p.m.

Opening Ceremony
Dr. Scott W. Tinker, Texas State Geologist
Large Auditorium
9:40 a.m.— 10:00 a.m.

The Earth Science Week Consortium gratefully acknowledges the generous financial support from

Anvil Energy LLC
Border to Border Exploration LLC
City of Austin Watershed Protection Department
Excalibur E&P LLC
Lower Colorado River Authority
Texas Space Grant Consortium
The Subsurface Library

And in-kind contributions from

American Geological Institute
The University of Texas at Austin
UT Bureau of Economic Geology
UT Commons Learning Center

Staff Support From the UT Bureau of Economic Geology

Scott W. Tinker, Director & State Geologist
Sigrid Clift*, Austin ESW Consortium Chair
Jennifer Logan*, Administrative Associate & Austin ESW Co-Chair
Jay Kipper, Associate Director
Nathan Ivicic, Geoscience Curator
Jamie Coggin, Graphics Illustrator
Josh Lambert, Geologic Materials Handler
Kenneth Edwards, Facilities Manager
David Stephens, Photographer
Scott Rodgers, Webmaster

*Earth Science Week Consortium Member

GEOSCIENCE

Properties of Rocks and Minerals

Robby Williams, Emily Cuellar, Science Educators; Austin Nature and Science Center, Allan Standen, Geologist, Allan R. Standen LLC

Gem Faceting

Sean Murphy, Geologist; UT Bureau of Economic Geology

Central Texas Minerals and Fossils

Bill Rader*, Science Writer; Houghton Mifflin Harcourt

ENERGY

Life as an Exploration Geologist
Dr. Gregory Frebourg, Geologist; UT Bureau of Economic Geology

Alternative Energy

Mary Priddy, Education Coordinator; Austin Energy

Advances in Energy Technology at the "Nano" Scale

Jay Kipper, Associate Director and Chemical Engineer; UT Bureau of Economic Geology

UT Austin Solar Vehicle Team

Jessica Nguyen, Student; UT Electrical Engineering Department

ROBOTICS TECHNOLOGY

Exponents Robotic Team

Beth Woodfin, Parent/Mentor, and Students; Capitol BEST Robotics

HYDROGEOSCIENCE

Aquifer Model and Groundwater Pollution

John Mikels, Hydrogeologist; GEOS Consulting and Austin Geological Society

Water Jeopardy Game

Jennifer Wilson, Hydrologist, Dee Lurry, Retired Hydrologist; U.S. Geological Survey, Austin

Texas Water Issues and Careers in Water Resource Science

Raymond Slade, Adjunct Professor and Hydrologist; Austin Community College

Soak In or Run Off?**Surface/Groundwater Model**

Jessica Gordon, Science Educator; City of Austin Watershed Protection

Groundwater Model

Holly Vierk, Whitney Milberger-Laird, Conservationists; Texas Water Development Board

PALEONTOLOGY

Texas Fossils

Danny Harlow, Fossil Expert; The Paleontological Society of Austin

What Can you Learn from a Dinosaur Track?

Shelley Sexton, Lyle Baie, Museum Docents; Heritage Museum of the Texas Hill Country

Careers in Paleontology

Dr. Pamela Owen, Vertebrate Paleontologist; Texas Natural Science Museum

PLANETARY SCIENCE AND METEOROLOGY

Wild Weather in Central Texas

Troy Kimmel, Senior Lecturer and Meteorologist, UT Studies in Weather and Climate; Bob Rose, Meteorologist; Lower Colorado River Authority

Discovery Planetarium

Lucia Brimer, Education Program Coordinator; Torvald Hessel, Executive Director; Tyler Brown, Marketing Coordinator and Editor; Austin Planetarium

GEODESY

GRACE (Gravity Recovery and Climate Experiment)

Margaret Baguio, Educator; UT Center for Space Research

SCIENCE EDUCATION

A World of Possibilities in the Earth Sciences—Getting Started at Austin Community College

Cindy Carr, John Conners, Science Laboratory Technicians; Amanda Jones, Lab Assistant; Austin Community College

The Amazing Earth Race

Matt Hofer, Ann Merriman; GeoFORCE coordinators; UT Jackson School of Geosciences

ARCHEOLOGY

Diggin' It! Careers in Archeology

Doug Boyd, Archeologist; Prewitt and Associates

THANKS TO THE AUSTIN ESW CAREER FAIR TOUR GUIDES

Ann Leist*

Geologist

The Midland Subsurface Library

Cari Breton

Geoscience GIS Expert

UT Bureau of Economic Geology

Cathy Brown

Media/Graphics Manager

UT Bureau of Economic Geology

Gwen Hebert

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Earth Science Enthusiast

Austin, Texas