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**Earth Science Week
Career Day Fair**

UT Commons Conference Complex
J. J. Pickle Research Campus, Austin, Texas

October 12, 2004

SPECIAL GUEST AND KEYNOTE SPEAKER
**Captain Dominic L. Pudwill Gorie (US Navy), NASA Astronaut
presents "An Astronaut's View from Space"**

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Texas Department of Transportation

UT Bureau of Economic Geology

UT Environmental Science Institute

John A. and Katherine G. Jackson School of Geosciences

John Curchin

Allan Standen*

Bill Rader*

ESW Career Day Fair Tour Guides

Dr. Jay Raney, Geologist, UT Bureau of Economic Geology
Cari Breton, GIS Specialist, UT Bureau of Economic Geology
Paul Knox*, Geologist, UT Bureau of Economic Geology
Anthony Rodriguez, Geologist, D.B. Stephens & Associates
Ramón Treviño, Geologist, UT Bureau of Economic Geology
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Ann Leist*, Geologist, The Subsurface Library
Diane Renner, Geotechnician, The Subsurface Library
Tatiana Fomel, Librarian, UT Bureau of Economic Geology

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Geoscience

Properties of Rocks and Minerals

Allan Standen*, Geologist, D. B. Stephens and Associates;
Arten Avakian, Geologist, Texas Commission on Environmental Quality;
Genie Martin and Janice Sturrock, Science Educators, Austin Nature and Science Center

Faceting Gemstones and Properties of Gems and Minerals

Sean Murphy, Gem and Mineral Expert, Austin Gem and Mineral Society

Art in Science—Pat Alfano*, Graphics Designer, UT Bureau of Economic Geology

Life as an Exploration Geologist

Dr. Ursula Hammes, Research Scientist, UT Bureau of Economic Geology

Minerals and Fossils of Central Texas

Bill Rader, Science Writer, Holt, Rinehart and Winston

Texas Fossils

Danny Harlow, Fossil Expert, Central Texas Paleontological Society

Earth Science and Technology

GPS Scavenger Hunt

Dr. Glenn Lightsey, Professor, UT Aerospace Department;
Millan Diaz-Aguado, Mary Gutierrez, Jamin Greenbaum, and Greg Holt, UT Grad Students; and
Andrew Feistel, Sebastian Muñoz, and Robert Beremand, UT Undergraduate Students

Hurricanes and Airborne Laser Mapping

Becky Smyth, Environmental Geologist, UT Bureau of Economic Geology

3-D Computer Models Help Us Understand Geology

Scott Rodgers, Media Technology Expert, and
John Andrews, Geographer, UT Bureau of Economic Geology

Meteorology

Storm Cruiser

Burton Fitzsimmons and
Rich Segal, Meteorologists, News 8 Austin

Wild Weather in Central Texas

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

Archeology

Archeology Awareness

Allen Bettis, Archeologist, Texas Department of Transportation

Careers in Texas Archeology

Doug Boyd, Archeologist, Prewitt and Associates

Water Resources

Careers That Will Flow into the Future

Jennifer Galland*, Environmental Educator and
Joseph Beery, Hydrogeologist, Barton Springs/Edwards Aquifer Conservation District;
Margaret Russell*, Environmental Educator, and
Michael Adair, Exhibit Specialist, Sheffield Education Center—Splash! Into the Edwards Aquifer

Water Jeopardy Game

Dee Lurry and Christopher Braun, Hydrologists, USGS, Austin

Watershed Awareness

Paul Bond, Senior Planner, and
Dyan Rice, Teacher, American Youthworks

Watersheds and the Edwards Aquifer: An Austin Model

Susan Wall and
Sara Heilman, Science Educators,
COA Watershed Protection & Development Review Department

Earth Science Education

A World of Possibilities in Earth Sciences—Getting Started at ACC

Cindy Carr, Science Laboratory Assistant,
Amie Hammond, UT Austin Education Student, and
John Conners, Science Laboratory Assistant, Austin Community College

Science Stuff

Sue Bachus*, Science Teacher

Planetary Science

Meteorites and Meteor Wrongs

Margaret Baguio*, Education and Outreach Coordinator and
Talia Jurgens*, Outreach Assistant, Texas Space Grant Consortium

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