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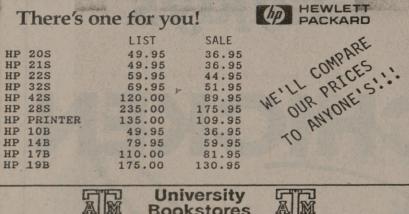
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#### The Battalion Page 6B Friday, September 1, 1989



### **Blow Your Horn**

Freshman band members guard the drill field while the Fightin' Texas Aggie Band prepares for its first performance of the yearPhoto by Jay Janner

Saturday's performance at the A&M-LSU game Saturday.

# **ODP scientists record geological events** 30 million years old, happening today

UNIVERSITY NEWS SERVICE

Scientists with the international Ocean Drilling Program have recorded the history of a geologi-cal event that began more than 30 million years ago and is still occurring today. ODP researchers said from the program's

Texas A&M University headquarters that they also drilled one of the deepest holes ever into basement rock and further documented a rever-sal of Earth's magnetic field that occurred more rapidly than previously thought.

The latest finds also included a large pocket of briny water that is the most altered seawater analyzed in the drilling program, said Texas A&M oceanographer Dr. Philip Rabinowitz, ODP di-

Scientists drilled into the Izu-Bonin volcanic is-lands of the Western Pacific to learn about their. origin and evolution and the rifting processes Bonin volcanic island chain and its deep trench.

Two Texas A&M University scientists and scholars

were in the national spotlight last month. The World Ocean Circulation Experiment (WOCE), an unprecedented global study of the oceans that will involve hundreds of scientists in dozens of countries

during the 1990s, was noted in articles in the Aug. 16

edition of the Chronicle of Higher Education and the

WOCE was also mentioned in the cover story of the

that are still occurring today.

The great arc-shaped island chains and adjacent trenches slashing the ocean floor in the Western Pacific owe their configuration to crustal plate movement.

When two oceanic plates converge, as they do in this region, one is forced or subducted beneath the other. Partial melting of the subducted plate initiates volcanic activity that eventually results in a chain of small volcanic islands called is-

land arcs. ODP's scientific team, using the 470-foot drill ship JOIDES Resolution, drilled into the island-arc system that lies south of the main island of Japan Samples collected reveal a history that began

when part of the Pacific Ocean floor broke apart and was pushed under what is now the floor of the Philippine Sea. The collision created the Izu-

During the last 31 million years, the isla chain stretched and pulled apart in several loc tions. The most recent activity began from 1.11 3.5 million years ago and still is active today.

The oldest material was recovered from and more than a mile deep. The basement rock -th oldest rock underlying the sedimentary layer had erupted as volcanic lava as the arc was bein pulled apart.

ODP researchers further studied the rocksar sediments to learn more about the history Earth's magnetic field and their discovery early this year of a magnetic reversal of Earth's po 700,000 years ago. The reversal, scientists's occurred more rapidly than previously though switching over a span of thousands of years a possibly in as little as several hundred years.

# New department heads named in management, business analysis

### UNIVERSITY NEWS SERVICE

UNIVERSITY NEWS SERVICE

Dr. Don Hellriegel has been ap-pointed head of Texas A&M Uni-versity's Department of Manage-ment, and Dr. Frank P. Buffa is the new head of the Department of Business Analysis and Research annd Research, announced Dean of Business Adminis-

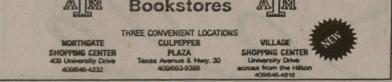
tration A. Benton Cocanougher. Hellriegel, the Jenna and Calvin R. Guest Professor of Business Administration and Professor of Management, joined the faculty in 1975. A long-time campus administrator, his previous appointments have in-

academic programs for The Texas A&M University System, 1981-82; interim dean, College of Business Administration, 1986-87; and as the E.D. Brockett Professor of Business Administration, 1982-84.

Hellriegel's research interests in-

organizational environments a managerial cognitive styles, and ganizational innovation and strates management.

The results of his research a published in numerous books a



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A&M scientists receive national recognition

cluded service as head of the Depart-ment of Management, 1977-80; in-clude interorganizational terim executive vice chancellor for relationships, corporate venturing,

Office for WOCE, which is directed by Dr. Worth Now-

lin Jr., associate dean of geosciences at Texas A&M and holder of the rank of distinguished professor of ocean-

ography. Nowlin, who was pictured and quoted in the higher

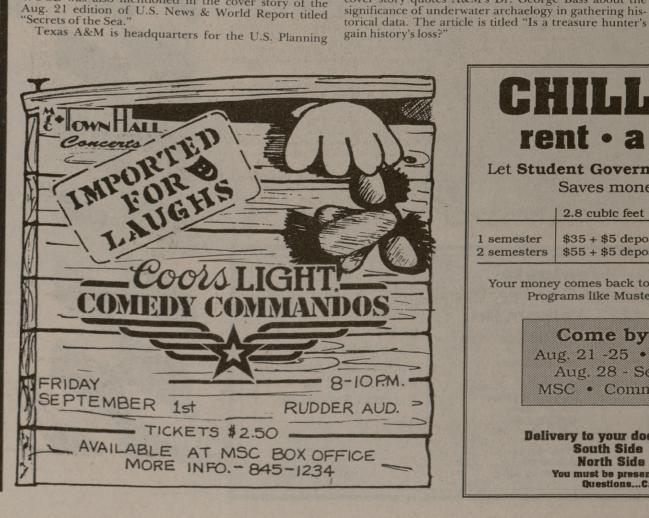
education publication's article, has been a member of the Texas A&M faculty since 1962.

In addition, a story accompanying the U.S. News cover story quotes A&M's Dr. George Bass about the

academic journals and he is co-a thor of two college-level textboo "Organizational Behavior" and "M nagement."

Buffa, a member of the Tex A&M faculty since 1970, previou served as assistant and interim he of the Department of Business Ar ysis and Research and as associate rector of the college's research info mation office.

He also has served as department tal masters student advisor Ph.D. advisor, and as faculty advis to Beta Gamma Sigma, the nation professional business administrati honor society. Buffa received Out standing Service Awards from college for 1979-80 and 1982-83.



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