



HIGH WATER

Flood waters wash over College Station streets following the deluge that struck Wednesday afternoon. The downpour was accompanied by high winds that did considerable damage. (Photo by Mike Wright)

EMC To Host Open House Friday

Open house for Texas A&M's Electron Microscopy Center will be conducted from 10 a.m. to 4 p.m. Friday at its new facilities in the Biological Sciences Building, announced Dr. U. Grant Whitehouse, EMC director.

Dr. Whitehouse described the new EMC laboratory as "one of the finest of its type in the nation."

He said the facility is specially designed for utilization in disciplinary and interdisciplinary research and instruction by any department or division of the Texas A&M University System.

Electron microscopy, Whitehouse explained, enables scientists to "see" extremely small objects—sometimes as small as 50 billionths of an inch.

He noted electron microscopy work is currently being performed in a number of areas at A&M, including biological investigations. It is helping scientists here, for instance, see tiny parts of a rat's brain cells.

Other biochemical, genetic and physical research is being aided by the ability of the electron microscope to see things not possible with conventional light microscopes.

An unusual feature of the new laboratory is a copper-shielded closed-circuit television control center used in the research and teaching functions.

The electron microscopes, Dr. Whitehouse pointed out, rest on floating slabs atop felt and sand bases which damp out unwanted vibrations.

Other instruments, such as balances which can measure within a millionth of a gram, rest on similar foundations.

Since preparation of the materials to be studied represents a critical area of the center's work, Whitehouse noted special consideration was given to this

facet of the operation when planning the facility.

"We have the finest distilled water that can be obtained," he observed. The water is not only distilled in a roof operation, but it also goes through ion exchange columns, filters and is treated with ultraviolet light.

The center includes four microscope rooms clustered around a maze of well-equipped darkrooms where photographs taken by the microscopes are processed.

One of the microscope rooms includes an apparatus for treating specimens in inert gases or special atmospheres and then transporting them directly into the microscope without exposure to air.

Aggie, Class '71

Injured Critically

A former student was critically injured in a petroleum barge accident Friday in Corpus Christi.

Kerry Caudle of Corpus Christi, a member of the class of 1971, is in the intensive care unit of Corpus Christi Memorial Hospital suffering critical injuries to the face, arms, and legs.

Friends of the former Aggie have asked that Aggies join together and send a "get well" telegram to Caudle, showing that the Aggies still remember Caudle.

"It's at this time a 12th man spirit by his fellow Aggies is needed to help Kerry recover," remarked Doug Smith, friend and classmate of Caudle.

Those interested in contributing to the telegram should contact Smith in room 332, Dorm 16 or call 845-2498.



ARCHITECTURE EXHIBIT

School of Architecture staffers Lea Alston (left) and Michelle Bandele stop to take a closer look at the miniature brass-logging locomotives. The locomotives are part of an exhibit scheduled for public showing from 9 a. m. to 5 p. m. Saturday.

Calhoun Elected To UCAR, Appointed To Highest Post

Dr. John C. Calhoun Jr., Texas A&M vice president for programs, Wednesday was elected chairman of the board for the University Corporation for Atmospheric Research.

UCAR is a non-profit organization composed of 23 U. S. universities which have graduate programs in the atmospheric sciences and related fields. It operates the National Center for Atmospheric Research at Boulder, Colo., under sponsorship of the National Science Foundation. The board met at the Boulder facility.

Dr. Calhoun, who served the past year as vice chairman for the UCAR board of directors, succeeds Dr. A. Richard Kassarjian Jr., director of the University of Arizona's Institute of Atmospheric Physics. Another Texas A&M vice president, Dr. Horace R. Byers, is a former board chairman.

Election to the top position on the UCAR board is one of three national appointments awarded Dr. Calhoun in recent months. He was previously named chairman of the Committee on Oceanography of the National Academy of Sciences and president of Gulf Universities Research Corporation.

He also serves on the National

Academy of Sciences-National Research Council's Committee on Minerals, Science and Technology and last year was named recipient of the Mineral Industry Education Award of the American Institute of Mining, Metallurgical and Petroleum Engineers.

The former science adviser and special assistant to Secretary of the Interior Stewart L. Udall received B.S., M.S. and Ph.D. degrees from Pennsylvania State University.

He joined Texas A&M in 1955 as dean of engineering, became vice chancellor for engineering in 1957, vice chancellor for development in 1960 and, after leave of absence for his Washington

assignment, vice president for programs in 1965.

While serving under Secretary Udall, Dr. Calhoun represented the Department of Interior on the Federal Council for Science and Technology. He also served as acting director of the Office of Water Resources Research, was a member of an exchange team on natural resources in Japan and headed a delegation to Russia to discuss seawater desalination.

VISTA Shows Film On Work

Volunteers In Service To America (VISTA) in conjunction with a recruiting drive at Texas A&M this week, will show a color documentary, "A Year Toward Tomorrow," at 10 and 11 a.m. and 1 and 3 p.m. in the Memorial Student Center Art Room.

The film deals with everyday life of VISTA workers and was filmed in an all-Negro slum in Atlanta, Georgia, and the desert country of a Navajo reservation in Lukachukai, Arizona.

Members of VISTA will be on hand to answer questions at the end of the film's showing.

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