

The A&M Wind Tunnel

Texas A&M scientists and advanced students use facilities at the new sub-sonic wind tunnel put into operation this year at College Station. In the left panel, a research engineer checks the fairing (streamlining) back of the propeller engine in the wind tunnel. Upper right, a graduate student and staff member check calibrations of wind velocities and lower right is an exterior view of the tunnel.

Oceanography and Meteorology Department

Scientists From Many Lands Solve Mysteries Together

A global attack on nature's mysteries is being made by scientists of six continents, working together at A&M.

They are striving to solve some of the world's great problems of the oceans, atmosphere, climate and how man's life ties to nature's whims.

These scientists, coming from every inhabited continent on earth, are members of the research and teaching staff of A&M's Department of Oceanography and Meteorology.

Some are of international prominence. Several headed the marine laboratories in their countries before joining the team of scientists on the campus.

Typical of these foreign-born scientists is Dr. Basil Wilson, a native of Cape Town South Africa. Educated at the University of Capetown and at the University of Illinois, he has a dual job in the department. He does graduate teaching on the subject of ocean waves and the engineering aspects of oceanography, and is conducting research on forecasting of ocean waves, deep water mooring of ships, harbor surging and hurricane wave statistics.

Another is Dr. K. M. Rae who hails from Edinburgh, Scotland. Before coming to A&M as director of marine laboratories, he was head of the Scottish Marine Biological Laboratory at Edinburgh and prior to that was head of the Department of Oceanography at the University College of Hull in England.

McLellan headed a research party that just completed a month long cruise on the research vessel Hidalgo in connection with a project for the U. S. Navy and the National Science Foundation. On this project a survey was made to determine a good location to drill through the earth's crust.

An Englishman on the department staff is Commander John Rawson Lumby whose position is that of director of International Geophysical Year World Data Center A, one of two such world centers. He did oceanographic work for the British government for about 30 years and before coming to A&M he was head of the Hydrographic Section of the Lowestoft Fisheries Laboratory. He is a lieutenant commander in the British Navy.

Working with McLellan and Commander Lumby in analyzing the oceanographic data from foreign lands is Captain Luis Rene Antonio Capurro of Buenos Aires, Argentina.

Rae is supervising research projects in the Mississippi Delta to determine the effects of man-made structures on marine life.

The department's scientific activities from aboard research vessels are coordinated by a Canadian, Dr. John Hugh McLellan. Born at Sydney, Nova Scotia, he is a former member of the physics faculty at Dalhousie University in Halifax, and before coming to A&M, he was the oceanographer in charge, Atlantic Oceanographic Group, Fisheries Research Board of Canada.

Brian W. Logan of Perth, West-

ern Australia, joined the department last spring and is now participating in a research project dealing with certain aspects of ecology and depositional environments of the Campeche Bank off the Yucatan Peninsula. He formerly served on the staff of the University of Western Australia as a lecturer on paleontology and has conducted extensive research on sedimentation and microorganisms.

Rounding out the list of foreign-born scientists are three from Japan, Dr. Yoshikazu Sasaki, Dr. Mitsunobu Tatsumoto and Dr. Kinjiro Kajira.

Heading the department which includes about 50 research scientists, teachers and technicians is Dr. Dale F. Leipper. He has been head of the department since it was established in 1949.

Library Offers Many Facilities

A building on the campus located directly east of the Academic Building should be one of the most used buildings on the campus, but many students struggle through four years at A&M without taking advantage of the services of Cushing Memorial Library.

Staffed by professional librarians and headed by Robert A. Houze, the library has over 250,000 books at the students' disposal. Other facilities are included in the building which has become a popular studying place since it is completely air-conditioned.

New furniture and tables have been placed in the library for the students' convenience and new lighting fixtures have been installed.

First Floor

As you enter the first floor of the library you enter the newspaper lounge where the library has over fifty newspapers from over the state and nation for your up-to-date keeping of world events. The periodical reading room is on the left (Sorry the library does not subscribe to Playboy.) and almost all the national magazines are represented here.

On the right is the reserve and required reading room. As all entering freshmen will soon discover, a great many assignments are given that are referred to as required reading. The professors intend for the students to do reading above and beyond the text in order to supplement and further their understanding of the material being studied. The required reading room contains volumes which have been placed on reserve so that they can be easily obtained. This room is full of grade points; all the freshmen have to do is find them and use them.

Second Floor

Going up the stairs to the second floor, on the left is the main loan desk. This is where books from the general collection are located. In the lobby on the floor are located card catalogs to aid in locating books. On the right at the top of the stairs is the refer-

ence room. Here are located periodical indexes, encyclopedias, dictionaries, atlases, bibliographies, year books, and certain issues of the New York Times and other newspapers including The Battalion are on microfilm for your reference.

Third Floor

The third floor houses the binding facilities and catalog departments and the Asbury Browsing Room. In this room are located volumes of fiction to be used for

Good Note-Taking Insures Success

Don't drop your pencil while a lecture is in process. This is one of the first things you as a freshman will need to know at A&M.

Good note-taking is very important if you expect your college days to be successful ones. It is a smart freshman who will listen in class and take notes of "everything" the professor says.

College professors move their lectures at a rapid pace and you must be alert in order to keep up with their pace.

Keep your notes where they are easy to find and read them over every chance you get. With a good set of notes and a good interpretation of the text book, that first quiz, one of your biggest mountains to climb, will seem easy.

The A&M campus at College Station is headquarters location for the Texas Forest Service, Texas Agricultural Experiment Station, Texas Engineering Extension Service, Texas Transportation Institute, Texas Agricultural Extension Service, Texas Engineering Experiment Station, Rodent and Predatory Control Service and Feed Control Service.

For use by industry, in research, and as a teaching aid for aeronautical engineering students, the largest subsonic-speed wind tunnel on any college campus in the Southwest was completed this year at A&M.

reading, studying, and reference. Cushing Library is operated on a "closed stack" program which means that a check slip has to be filled out and presented to the librarian at the main loan desk in order to obtain a book from the general collection.

Books are either returned to this desk when finished or returned to the book chute on the left of the steps leading to the main entrance on the outside of the library.

Library Hours

Library hours during the long session are from 8 a.m. until 10 p.m. Monday through Friday. It is open from 8 until 12 noon on Saturday. On Sundays the library opens at 2 p.m. and remains open until 10 p.m. Books are checked out for two weeks and are subject to renewal for another two weeks.

Other libraries are located on the campus under the supervision of the various departments and divisions of the college. The largest of these is the Texas Engineers' Library. This is located directly east of the Cushing Library. It was established in 1943 as a cooperative project between A&M

and the State Board of Registration for Professional Engineers. The present building was completed in 1953 and boasts possessor of some 30,000 technical books and periodicals.

The Veterinary Library is located in the Veterinary Building west of the main campus across the tracks. It is a specialized library for the students of veterinary medicine.

The Architect's Library is located on the fourth floor of the Academic Building. It, being another specialized library, is used primarily by the students of architecture.

KEYS
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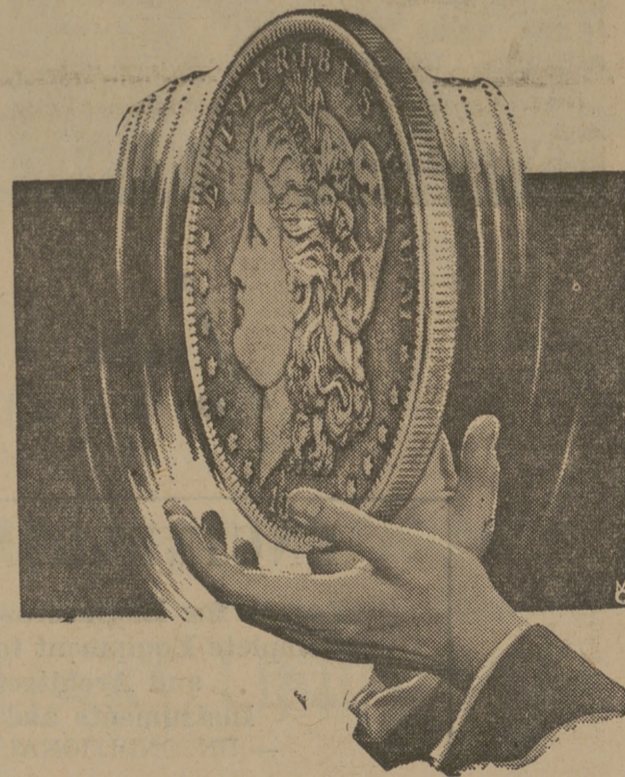
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LOUPOT'S TRADING POST