

Microscopic Organisms Study Launched By A&M Scientists

Microscopic organisms whose function in the sea compares to grass on the cattle range are the subject of a Gulf of Mexico study launched by A&M University scientists with a \$33,550 grant from the Department of Health, Education and Welfare.

"Embarrassingly little is known about primary production of these phytoplankton in the Gulf of Mexico," said Dr. S. Z. El-Sayed, A&M biological oceanographer and principle investigator for the new study.

The organisms from the vital link in the life cycle of the sea but former studies in the Gulf have been limited to bays and areas offshore from river mouths. One species causes the "red tide" known to coastal residents.

The new study includes the area of the northeast Gulf from Panama City, Fla., to the eastern edge of the Mississippi River Delta.

Samples will be taken from waters ranging in depth to 600 feet.

El-Sayed explained the area was chosen because other A&M oceanographers already are well advanced in physical oceanography studies using former Navy platforms offshore from Panama City. Data from this research will aid the biological studies. The Office of Naval Research is an important sponsor of A&M oceanographic research.

Samples from waters near two offshore platforms will be compared with those taken on monthly cruises. The results promise to be of great interests in evaluating the use of platforms, El-Sayed said.

The Gulf Coast Research Laboratory of Ocean Springs, Miss., will collaborate in measurements from ships.

Argentine Professor Enrique Balech who has an international reputation for studies of marine microorganisms is expected at

A&M about June 17 to assist with the project. He and his family will be here for one year. Balech has worked in laboratories on four continents and is the author of an impressive list of publications.

Another key scientist will be Dr. Enrique F. Mandelli, A&M researcher. His background includes chemical and biological productivity studies.

"The information we gain will

give us a fair picture of both seasonal and vertical variations in primary production in the areas investigated and will evaluate the part played by the chemical and physical factors which influence growth of the phytoplankton," El-Sayed said.

He will compare results with others obtained in his continuing study of biological primary production in the seas beyond South America into Antarctica.

SPECIAL INTEREST FOR TEXANS

... proposed structure of the NCAR laboratory in Boulder, Colo.

Texans Can Take Interest In National Research Lab

Texans can take special interests in construction at Boulder, Colo., of the \$4,500,000 permanent laboratory of the National Center for Atmospheric Research.

A&M University is among the 14 members of the University Corporation for Atmospheric Research whose sole function is

operation of the national center, Dr. Dale L. Leipper, professor at A&M said. A&M is the only member in the Southwest.

Most NCAR funds come from the National Science Foundation.

Leipper said the center will undertake certain research projects that no single university could

handle. Fundamental atmospheric problems are studied.

Texans know about the center's high-altitude balloon launching station at Palestine.

Representing A&M on the NCAR Board of Trustees are Dr. John C. Calhoun, vice chancellor now on leave for a Washington, D. C., assignment, and Leipper of the Department of Oceanography and Meteorology.

Completion of the laboratory at Boulder is expected early in 1966. It will have a computer larger than is found on any campus, library, shops, laboratories and other facilities for approximately 300 staff members.

"It is expected that half of the staff will be temporary personnel from universities and that some of the permanent staff will go to the universities on temporary assignments," Leipper said.

Two former A&M faculty members on the laboratory staff are Dr. Akira Kasabara and John Pierrard.

Construction began this month on the 500-acre site donated by the State of Colorado. The NCAR staff is now housed in buildings leased from the University of Colorado.

The new center includes a two-story central building, five-story office and laboratory towers, and a basement that underlines the whole complex.

Newspaper Veteran To Join Journalism Faculty In Fall

Dr. David R. Bowers, assistant publisher of the Delaware County Daily Times of Chester, Pa., returns to journalism education Sept. 1 when he comes to A&M University as an associate professor.

Standard as city editor. He later became city editor of the Idaho State Journal and then managing editor of the Hutchinson, Kan., News.

Bowers went to the Daily Times at Chester as executive editor and last year was named assistant publisher. The afternoon paper has 150 employees and a circulation of 47,000.

While at Chester in metropolitan Philadelphia Dr. Bowers also has taught reporting and editing classes in the evening division of Temple University.

Bowers was honored last year by Temple University as the newspaperman in the greater Philadelphia area who contributed most to journalism education.

Other professional activities include membership in Sigma Delta Chi, journalism fraternity.

Heaton Names '58 Graduate To New Post

Robert B. Gleason, a mathematics teacher at Amarillo High School for five years, has been named associate director of admissions at A&M University.

H. L. Heaton, director of admissions and registrar, announced Gleason's appointment to the newly created post.

"Gleason will spend most of his time working with freshmen," Heaton said. "He will handle arrangements for summer pre-registration and conduct out-of-town career conferences for high schools."

Gleason was graduated from A&M in 1958 with a B.S. in education and mathematics. He attended a National Science Foundation summer physics institute at Texas Christian University in 1959 and returned to A&M in 1960 to complete work on a Master of Education degree.

A member of Squadron 17 while an undergraduate student here, Gleason belongs to Phi Delta Kappa, an honorary educational association.

Tennis Camp Begins Here

Approximately 130 youngsters, whose ages range from 10 to 17 years, will be on the A&M University campus Friday through Thursday for the annual Texas Tennis Camp.

The tennis clinic, headed by Clarence Mabry of San Antonio and Tut Bartzon of Fort Worth, will include classroom and actual court competition.

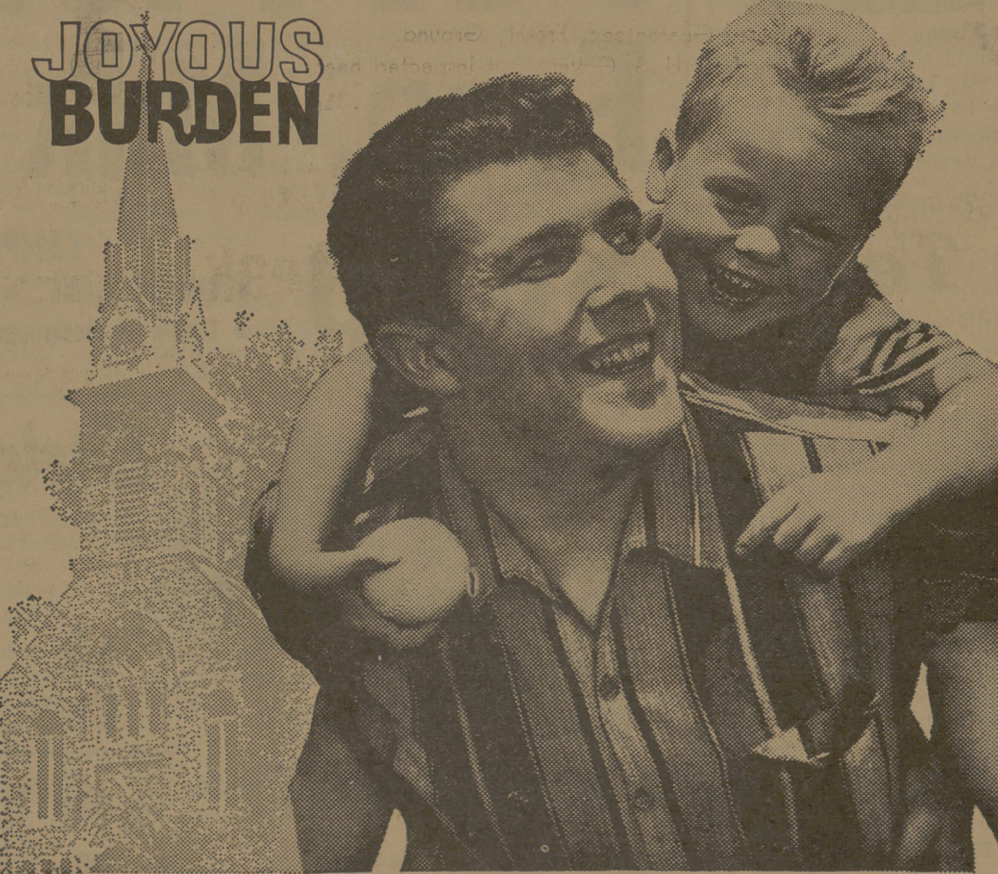
Accompanying the campers will be 20 adults serving as school staff members. The visitors from Texas and other states will be staying at the Memorial Student Center.

The Church.. For a Fuller Life.. For You..

CALENDAR OF CHURCH SERVICES

OUR SAVIOUR'S LUTHERAN 8:15 & 10:45 A.M.—The Church at Worship 9:30 A.M.—Bible Classes For All Holy Communion—First Sunday Each Month CHRISTIAN SCIENCE SOCIETY 9:30 A.M.—Sunday School 11:00 A.M.—Sunday Service 10:00 - 11:30 A.M.—Friday Reading Room 7:00-8:00 P.M.—Wed. Reading Room 8:00 P.M.—Wed. Evening Worship A&M CHURCH OF CHRIST 8:00 A.M.—Worship 9:00 A.M.—Bible Study 10:00 A.M.—Worship 5:15 P.M.—Young People's Class 6:00 P.M.—Worship 7:15 P.M.—Argie Class 9:30 A.M.—Tuesday - Ladies Bible Class 7:15 P.M.—Wednesday - Bible Study UNIVERSITY LUTHERAN (Missouri Synod) 10:00 A.M.—Bible Class 11:00 A.M.—Morning Worship Wednesday 7:15 P.M.—Gamma Delta UNITARIAN FELLOWSHIP 10:00—Sunday School YMCA Bldg. 8:00 P.M.—First four Sundays of each month — Fellowship Meeting. Hillel Foundation Bldg.	CHURCH OF THE NAZARENE 9:45 A.M.—Sunday School 10:45 A.M.—Morning Worship 6:30 P.M.—Young People's Service 7:00 P.M.—Preaching Service ST. THOMAS EPISCOPAL 906 Jersey Street, So. Side of Campus Rector: William R. Oxley 8:00 & 9:15 A.M.—Sunday Service 9:15 A.M.—Nursery & Sunday School FIRST BAPTIST 9:30 AM—Sunday School 10:45 AM—Morning Worship 6:10 PM—Training Union 7:20 PM—Evening Worship 6:30 PM—Choir Practice & Teachers' meetings (Wednesday) 7:30 PM—Midweek Services (Wednesday) SECOND BAPTIST 710 Eisenhower 9:45 A.M.—Sunday School 11:00 A.M.—Church Service 6:30 P.M.—Training Union 7:30 P.M.—Church Service A&M PRESBYTERIAN 9:45 A.M.—Church School 11:00 A.M.—Morning Worship	ST. MARY'S CATHOLIC Sunday Masses—7:30, 9:00 and 11:00 FAITH CHURCH UNITED CHURCH OF CHRIST 9:15 A.M.—Sunday School 10:30 A.M.—Morning Worship 7:30 P.M.—Evening Service COLLEGE HEIGHTS ASSEMBLY OF GOD 9:45 A.M.—Sunday School 11:00 A.M.—Morning Worship 6:30 P.M.—Young People's Service 7:30 P.M.—Evening Worship A&M METHODIST 9:45 A.M.—Sunday School 10:55 A.M.—Morning Worship 9:30 & 8:00 P.M.—MYF Meetings 7:00 P.M.—Evening Worship CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS 25th East and Coulter, Bryan 8:30 A.M.—Priesthood meeting 10:00 A.M.—Sunday School 6:30 P.M.—Sacrament Meeting FIRST CHRISTIAN CHURCH Homestead & Ennis 9:45 A.M.—Sunday School 10:50 A.M.—Morning Worship 5:30 P.M.—Young People
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JOYOUS BURDEN



THE CHURCH FOR ALL... ALL FOR THE CHURCH

The Church is the greatest factor on earth for the building of character and good citizenship. It is a storehouse of spiritual values. Without a strong Church, neither democracy nor civilization can survive. There are four sound reasons why every person should attend services regularly and support the Church. They are: (1) For his own sake. (2) For his children's sake. (3) For the sake of his community and nation. (4) For the sake of the Church itself, which needs his moral and material support. Plan to go to church regularly and read your Bible daily.

There are men who carry the weight of the world on their shoulders — but this isn't one of them.

There is no burden so joyous as the responsibility of being DAD.

But — hold on there! Don't forget it is a burden. Someone's future is on your strong back.

And that someone's future involves soul as well as body.

If you want your boy to become a good ballplayer... well, you go out and catch with him.

And if you have hopes for his character, his courage, his commitment to things Right and True... yes, a boy loves to walk into HIS CHURCH with HIS DAD.

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Sunday Exodus 19:1-9	Monday Exodus 28:31-38	Tuesday Deuteronomy 1:9-18	Wednesday Psalms 55:12-23	Thursday II Corinthians 12:14-21	Friday Galatians 6:1-10	Saturday Revelation 2:18-29
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