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Physics awarded \$15,400 grant

ollege teachers of physics has en awarded to A&M.

Director of the June to August, 1971, project is Dr. Nelson M. Duller, Jr., of the Physics Deartment.

The award will enable research work for five prospective or colege physics teachers. Particiants will have a choice of seven rojects in the Physics Departent on which to work.

Applicants, with at least the master's degree in physics, should write, call or see Dr. Dullr, noted C. M. Loyd, NSF prorams coordinator.

The project was previously diected by Dr. Joe S. Ham, who will be on sabbatical leave in folland next summer.

* * *

Environment course offered in spring

A new Texas A&M undergradate course centered on a hereand-now issue-the environment ime next spring by the Recreaion and Parks Department.

e for three credit hours and Orleans this week. neets Tuesdays and Thursdays from 9:30 to 10:45 a.m., Department Head Dr. Leslie M. Reid

"It is designed to provide stuents with a fundamental under- head for the past 10 years.

DEADLINE 4 p.m. day before publication

FOR SALE

BATTALION

INSTRUCTOR

A \$15,400 National Science standing of conservation and en- Grant Program funds from the cago Sunday through Tuesday atoundation grant for research by vironmental concerns," he indicated.

* * *

Grant Program Institutions.

Grant Program.

president for programs and di-

rector of the university's Sea

The new association is com-

posed of representatives from 49

institutions, including most of the

nation's leading marine science

institutions are receiving Sea

* * *

of pathologists group

Dr. Charles H. Bridges, Veteri-

SPECIAL NOTICE

Bridges president

research centers. Majority of the

instructor.

Prerequisites include junior The Sea Grant Program is declassification or approval of the signed to develop the nation's coastal and marine resources.

ric Administration.

* * * Calhoun elected member Monroe to address of Sea Grant committee **Heritage Society** Dr. John C. Calhoun of A&M

An organizational meeting of the Washington County Heritage has been elected a member of the executive committee for the new-Society Tuesday in Brenham will ly created Association of Sea. feature Dr. Haskell M. Monroe of A&M. Dr. Calhoun is A&M's vice

Monroe, associate professor of history, will speak on "Preserving Local Heritage" at the meeting organized by W. F. Hasskarl Jr., M.D., Brenham mayor.

The public-invited meeting will be at 7:30 p.m. in Brenham's South Central Savings and Loan Club Room, he announced. * * *

Eight veterinarians attend meetings

Eight A&M veterinary medicine faculty members spent the Thanksgiving holidays attending conferences in Chicago and Montreal.

Dr. W. M. Romane and Dr. T. L. Bullard participated in the American Association of Equine Practitioners annual meetings in The ACVP is a certification Montreal, Dr. Romane chairs the board for the profession specialty. Practice and Ethics Committee. Dr. William L. Sippell and Dr. Dr. Bridges was vice president A. Konrad Eugster, both of the

WORK WANTED

Bridges has been department Texas Veterinary Medical Diagnostic Laboratory, were in Chi-

National Oceanic and Atmosphetending the Conference of Research Workers in Animal Diseases

> Dr. W. C. Banks and Dr. E. L. Morris were in Chicago Saturday and Sunday for seminars and meetings of the Annual Conference of Educators of Veterinary Radiologic Science.

Dr. John Ramge participated in the Committee for Standardization of Nomenclature of Reproductive Diseases, sponsored by the J. S. Department of Agriculture in Chicago.

Veterinary Microbiologist Dr. L. C. Grumbles also was in Chicago Monday and Tuesday attending the American College of Veterinary Microbiologist Meeting and the Annual Meeting of the Conference of Research Workers in Animal Diseases.

Tourism topic of lecture

Donald Greenaway, associate and finds a milieu for recreation dean of the University of Houston's School of Hotel and Restaurant Management, will discuss tourism in a Wednesday lecture.

* * *

The 4 p.m. presentation, part of a visiting lecture series sponsored by A&M's Recreation and Parks Department, is entitled "The Next Three Decades of Tourism - Financial and Political Implications." The meeting will be held in Room 115 of the Recreation and Parks Building.

* * *

Griffiths named to board of new journal

Prof. John F. Griffiths of A&M has been named to the editorial board of a new publication, the "International Journal of Environmental Studies."

Griffiths, meteorology professor and climatology specialist, was assigned responsibility for the atmospheric sciences with 10 other representatives of the U.S. including Profs. H. Bronowski and R. Buckminster Fuller.

The journal began publication in October. It is published by Gordon and Breach Scientific Publishers, with Prof. J. Rose of Blackburn, England, as editor-inchief.

The journal concentrates on the relationship between man and his environment. It has appeal for social, natural and applied scientists, architects, city planners and other professional people.

An A&M University ocean- of this cycle in our river sysographer takes issue with the popular conception that ocean alternation of high water or flood currents flush the Gulf of Mexico and therefore contends the semi-enclosed body of water is unsuited for water disposal.

Dr. W. E. Pequegnat advanced his theory at the 15th annual "Water for Texas" conference sponsored by A&M's Water Resources Institute.

THE BATTALION

Pequegnat said it is particularly doubtful that the East Gulf Loop Current — though by some authorities to carry enough water to refill the gulf basin in about 30 months — has any significant effect on circulation along the gulf's western continental shelf.

"It is on these same shelves that man carries on his competitive research for oil and seafood and a silent receptacle for the wastes that keep his cities clean and his harbors deep," the professor said.

He pointed out the Gulf of Mexico collects runoff, with its loads of sediments and pollut, ants, from Montana to New York and Veracruz to Cuba.

While Dr. Pequegnat predicts that gulf dumping will increase, he said that even if it were stopped abruptly this year, it would be at least 1985 before certain contaminants, such as DDT, would be rendered innocu-

Earlier in the conference, two other professors discussed the effects of water development on ecology of bays, estuaries and river systems.

Dr. B. J. Copeland, zoology professor at North Carolina State University, emphasized the characteristics of coastal streams and the ecology of bays and estuaries are "intimately interrelated."

He said water development at upstream sites usually results in changes of quality and quantity of downstream water.

Dr. William J. Clark, A&M biology and wildlife science professor, told conference participants that the hydrological cycle - the sequence of evaporation, precipitation and runoff - is one of the most powerful forces shaping the surface of the planet.

tems," Clark reminded, "is an and low water or interflood.' He said, however, that the magnitude and timing of river flow is "not compatible with many of man's activities."

Tuesday, December 1, 1970

Gulf unsuited for waste,

Oceanographer theorizes

"Two of the basic purposes of water development," Clark noted, "have been to reduce maximum flows to alleviate flood problems and to store water for later release to give higher sus-

tained flow." "Impoundments built to accomplish these ends drastically modify the long established regimen," he continued. "Migration is blocked, silt and nutrients are intercepted, the flood plain no longer has an annual increment of water and nutrients and the physical and chemical nature of

the water is changed for some distance below the dam." "If we are to make really competent decision," the professor concluded, "the short-term and long-term ecological consequences

of our river basin developments must be understood."

Marine Corps recruiters here Three Marine Corps officers

will visit A&M this week to explain commissioning programs to

interested students. The team headed by Capt. R. E. Crane of Austin will operate an information booth in the Memorial Student Center Wednesday

through Friday. Crane will be joined by Capt. Bill Rice, also of the Corps' Austin office, and Capt. Gene Hughes of the district office in New Orleans.

The trio also will participate in a meeting of the A&M chapter of the Semper Fidelis Society at 7:30 p. m. Wednesday in Room

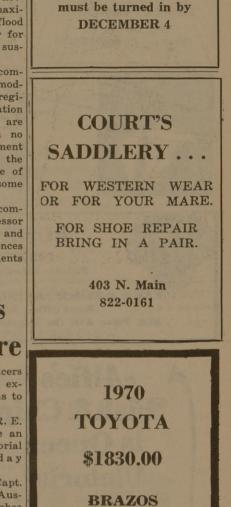
146 of the Physics Building. Guest speaker for the open meeting will be 1st. Lt. Michael Coe, who will discuss his experiences as an infantry officer in Vietnam and present a slide presentation. Coe is currently completing his degree requirements

College Station, Texas Page 3

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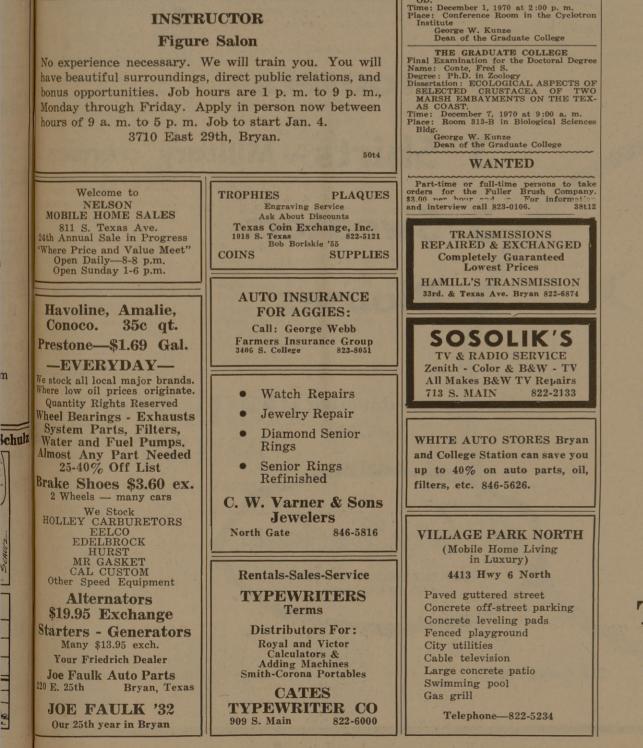
"The natural course of events Dr. ALAN GUTTMACHER

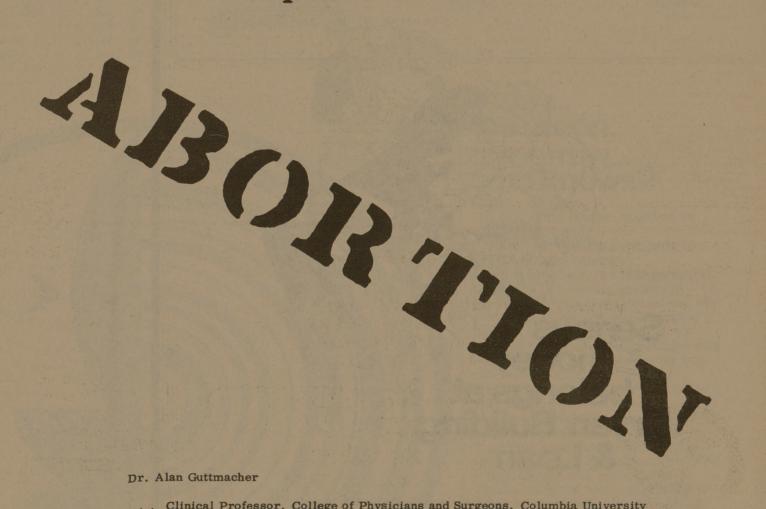
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nary Pathology Department head -will be offered for the first at Texas A&M's College of Veterinary Medicine, was elected 1971 president of the American College of Veterinary Pathologists The course, conservation of atural resources (RP 375), will at the annual meeting in New

during 1970.





Clinical Professor, College of Physicians and Surgeons, Columbia University

Member of the American Association of Obstericians and Gynecologists

Member of Planned Parenthood Federation of America (president, 1962)

. . . Author of Case for Legalized Abortion Now

Tuesday, December 1, 8:00 p.m., M.S.C. Ballroom



Admission Free