

Marine Fishes Specialist Aids Arthritis Research

An Aggie researcher whose specialty is large marine fishes has teamed up in a basic research project with medical researchers studying rheumatoid arthritis, a painful and incurable disease. Learning everything possible about the biochemistry complex in the vertebra or joints of the fishes found in the Gulf of Mexico is the goal, Norman Vick explains. He is a member of the Department of Oceanography and Meteorology research staff.

The medical researchers are members of the University of Alabama Medical Center's Division of Rheumatology, a national center for the study of rheumatism and arthritis. Dr. Howard L. Holley directs the division, which has financial support from the National Institute of Health.

to clues of benefit to human beings, Vick learned during recent conferences with the Alabama scientists.

"We can contribute to the medical field, as well as learn something about the migratory species through this new cooperative study," Vick said.

The researcher has devoted more than five years to studies of the large fishes found in the Gulf of Mexico and North Atlantic. His interest centers upon two major factors: the biochemical relationships to environment and the migratory habits of these big "animals," as Vick calls them.

PRELIMINARY conclusions from the cooperative study should be available late next spring, Vick believes.

Attention is centered upon the

small amount of fluid, especially hyaluronic acid, found in the spinal joints of the large specimens of marlin, sailfish and comparable fishes.

This fluid is the same as that found in the synovial cavities of a human, Vick explained.

PERSONS SUFFERING from rheumatoid arthritis lack this fluid, or it may be present in a degenerate state.

Do large marine fishes ever suffer from arthritis?

"We can't tell positively, but if they do they probably die quickly due to the rugged competition for life in the sea," Vick said.

There is "some possibility" that the fishes regenerate the fluid, something the human body cannot do.



SAMPLE FROM A SAILFISH Spinal fluid may hold key to human treatment.

THE BATTALION
Thursday, October 17, 1963 College Station, Texas Page 3

Business Is Good At Business School

Business is business and for the School of Business Administration, business is good. Modernization currently underway in the school of business will affect a great many students.

"One out of every seven students is a business major," said Dr. John E. Pearson, head of the school.

Besides increased enrollment and major curriculum changes in the school, its campus organizations are also displaying the new look. Two new organizations have been formed, along with a committee headed by R. L. Elkins, associate professor of business administration, to promote better co-ordination among the five existing societies.

The Management Society and Finance Society are the newcomers to campus life. Both are still in the organizational stage, having presently drawn up by-laws for approval by their memberships.

THE PURPOSE of the five business clubs is to bring their student members closer to their particular chosen fields. Elkins said that each club will try to arrange to

have a top level executive speak at the campus each semester.

Elkins and W. C. House, assistant professor of business administration, co-sponsor the Management Society and R. T. Cherry, assistant professor of business administration, are sponsors of the Finance Society. Allen Lawrence, Jr. and George Nelson, respectively, were elected student presidents of the two new societies.

The Management Society, Finance Society, Accounting Society, Marketing Society, and Insurance Society are the existing student business organizations. Several of the societies hope to join national organizations, and Elkins, with the Management Society having the most definite plans towards this end at present.

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TEXAS A&M UNIVERSITY
THE GRADUATE COLLEGE
ANNOUNCEMENT OF FINAL EXAMINATION FOR THE DOCTORAL DEGREE
(Defense of the Dissertation)
Full Name of Candidate: Merjianian, Aspet
Candidate for Degree of: Doctor of Philosophy in Chemistry
Title of Dissertation: "The Synthesis and Properties of Arsine Oxides and Arsine Selenides"
Time of Examination: October 18, 1963; 2:00 p. m.
Place of Examination: Room 229; Chemistry Building.
Wayne C. Hall,
Dean of Graduate Studies 15022

DEGREE FILING DEADLINE SET FOR OCTOBER 21, 1963. Applications for degrees are now being accepted in the Registrar's Office from all students who expect to complete their degree requirements by January 18, 1964. Candidates for advanced degrees must file their applications with both the Registrar's Office and the Graduate Dean's Office. The deadline date for filing applications is October 21, 1963. 143113

January graduates may begin ordering their graduation invitations starting October 1 through the 31st, Monday thru Friday, 9 to 4 at the cashier's window Memorial Student Center. 141115

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