

The Office of Naval Research awarded an \$853,000 contract for a broad range of oceanographic studies by A&M faculty and graduate students, President Earl Rudolph announced. Most of the research supported by the award will be conducted in the Gulf of Mexico.

The contract, plus a \$147,000 grant from the National Science Foundation announced recently, rises to \$1,000,000 for the next 12 months. The federal funding for certain research projects undertaken by the Department of Oceanography and Meteorology. In addition the state, industry and other agencies other than the ONR and NSF provide substantial grants to individual investigators.

The \$1,000,000 total thus far awarded is up more than \$100,000 over funding for the past 12 months. Plans call for use of the R/V Alamos in much of the research during the next 12 months. She is commissioned late last year and is at sea about two-third of the time.

The Gulf of Mexico is an ideal area for various oceanographic studies because it has such clearly defined connections with the Atlantic and the Caribbean and the Florida Straits and so much is known about the input of fresh water and sediments of land origin," Dr. Willie E. Pequegnat said.

He is acting head of the department of Oceanography and Meteorology.

A&M physical oceanographers using portions of the new grants will continue their studies of surface and deep currents and the history of water masses, some of which can be traced here from as far as the Antarctic Ocean, the cross-section of temperature, air-sea interaction vital to knowledge of the origin of hurricanes and their influence on life in the sea, as well as other environmental studies.

Marine geophysicists will continue their studies of the structure

of the earth's crust in the Gulf basin, essential to the oil industry and understanding of the Gulf's origin. Marine geologists and geochemists will study the nature of the sediments and the rate at which they are laid down in the Sigsbee Deep and will also study aspects of clay mineralogy.

Chemical oceanographers will participate in further broad studies of the chemistry of the Gulf waters, revealing the nature of nutrient cycles and history of trace elements, all of which exert controls over life in the sea.

A special biological project is a continuation of a six-months old

analysis of marine fouling. Ways to prevent or minimize biological fouling on buoy-mounted sensors is being sought. Such fouling is an important obstacle to the use of deep-sea buoys reporting on demand to satellites on sea and weather conditions from remote areas of the world ocean.

"The support of ONR has been essential to the Department of Oceanography and Meteorology achieving its present level of development," Pequegnat said. He will serve as coordinator of the ONR projects.

This fact is illustrated by the purposes of the new award. It will provide support for operation of the Research Vessel Alamos and smaller vessels, research and development centered on two Texas-power platforms offshore from the U. S. Naval Mine Defense Laboratory at Panama City, Fla., and selected investigations based on the main campus. The platforms are highly instrumented for the automatic processing of data derived from the marine environment. This data is vital to other environmental studies conducted at Panama City.

The United States bought Alaska from Russia in 1867, but most Americans ignored it as a land of Eskimos, igloos and snow until in 1890s when Seattle newspaper headlines blared "Gold! Gold! Gold! Sixty-eight Klondikers bring back a ton of gold!"

## Maritime Ship Nears Goal

The SS Alcoa Clipper, recently acquired by the Maritime Academy will be ready for the annual summer cruise by May, 1964, said David C. Mercer of the Maritime Academy Tuesday.

A government appropriation of \$250,000 has been made for restoration of the ship for sea duty. Bids will be made by various firms for the work to be done on the ship.

"The ship must be made ready for certain compulsory Coast Guard surveys to be approved for sea duty," said Mercer. "The engine room, hull and electronic equipment will come under scrutiny; however, there are no plans for adding new equipment. Taking the ship out of 'mothballs' will be

an expensive proposition since the cost of drydock inspection, alone, ranges from \$7,000 to \$8,000 per day," Mercer said.

Cadets will visit Halifax, Nova Scotia; Oslo, Norway; Göteborg, Sweden; Copenhagen, Denmark; Edinburgh, Scotland; New York, and then return to Galveston on the Clipper.

Approximately 100 cadets at the Maritime Academy and members of the faculty will go on the cruise; even some incoming freshmen will be allowed to go. Regular lectures will be held on board during the cruise by faculty members on ship operation theory and ship repairs, as well as formal courses in English and mathematics.

## Fish To Enter Honor Society

"Eight students will be inducted into Phi Eta Sigma, freshman scholastic honor society, in the Assembly Room of the Memorial Student Center on Dec. 3," announced Dr. C. H. Randsell, adviser.

The inductees are Tommy W. Casey, Fairfield; George H. Ferguson, Baytown; John T. Kirchner, Port Arthur; Edward Lucero, El Paso; William R. Mathis, Killeen; Douglas M. Matthews, Waco; Sidney W. Novosad, Edna; James A. Sackett, a senior from El Paso; and John H. Cooper, Fort Worth, who attended A&M last year and will be inducted at Texas Tech this fall.

The requirements for membership specify that a student must attain a grade point ratio of 2.5 or better in his first semester of college work. If a student does not qualify during his first semester, he may average his grades for the first two semesters and still be eligible.



Gold Oak Leaves

Horace H. Carmichael, right, wears the gold oak leaf insignia of an Army major following a ceremony in the office of Col. D. L. Baker. Carmichael joined the ROTC faculty in January, 1962, after service in Viet Nam. The engineering officer also has served in Europe.

## CAMPUS BRIEFS

# 'We've Never Been Licked' In Guion Hall For Weekend

"We've Never Been Licked," the film story of student life at A&M, is scheduled for showing Friday and Saturday at Guion Hall, according to Student Advisor Bert Thompson.

Thompson said two new copies of the film had been purchased by the university from Champion Films in New York City, following a long period of tracing the new owner of the film rights.

The old film owned by the university had become so worn from many years of showing that it was taken out of circulation some time ago, Thompson said.

The United States Marines Corps Officer Selection Team will visit the campus Nov. 23-25. The team, commanded by Capt. John H. Gray, will be located in the Memorial Student Center from 8 a.m. to 4:30 p.m. daily.

Purpose of the visit will be to

interview and administer the necessary tests, without obligation, to students desiring information concerning Marine Corps Officer Training Programs and subsequent commissioning as a second lieutenant.

The University program to People-to-People will meet in the Room 102 of the YMCA at 7:30 p.m. Tuesday.

The program is student-originated and operated, involving thousands of students on over 100 campuses. Its goal is the bringing together of peoples of the world so that they will learn to appreciate each other's cultures, traditions and way of life.

The main task of all members is to better understand the world and its problems by communicating with students from other countries.

The Brazos County A&M Club

will have a fish fry Wednesday, announced Secretary-Treasurer Wayne Schmidt.

Schmidt said the meeting will start at 6 p.m. for the social hour and fish and hush puppies at the A&M Clubhouse on Ehlinger Drive.

Shortly before 8 p.m., the club will go to G. Rollie White Coliseum to watch a scrimmage basketball tussle between the A&M Varsity and the Fish.

Five Aggies will conduct a panel presentation on "Manners Make The Lady" at 7:30 p.m. Dec. 16 at Texas Woman's University.

Don Warren of Richardson, YMCA president, will serve as panel moderator.

Other panel members are Cliff Emerson of Whitewright, Clint Ward of College Station, Al Allen of Carrizo Springs, and Bill Camp of Houston.

# BATTALION CLASSIFIED

**WANT AD RATES**  
 10¢ per word each additional day  
 Minimum charge—50¢  
**DEADLINE**  
 4 p.m. day before publication  
 Classified Display  
 90¢ per column inch  
 each insertion

**CHILD CARE**  
 HUMPTY DUMPTY NURSERY, 3404  
 1/2 mi. College, TA 2-4803, Virginia D.  
 891fn  
 603-D, VI 6-7985. 891fn

Child care, experienced, VI 6-7960. 801fn  
 Child care with experience. Call for  
 formation, VI 6-8151. 541fn

**LOST**  
 Lost \$2.00 reward, Manual of Comparative  
 Anatomy by Breeland, VI 6-8864. 1031n

If you know the difference between  
 good food and superb food,  
 eat at the Shack, and we will thank  
 you.

If you don't know, come to The  
 Chicken Shack, and we will thank  
 you.

**HOME & CAR  
 RADIO REPAIRS  
 SALES & SERVICE**

**KEN'S RADIO & TV**  
 303 W. 26th TA 2-2819

**SOSOLIK'S**  
 T. V., Radio, Phono., Car Radio  
 Transistor Radio Service  
 713 S. Main TA 2-1941

**FOREIGN AUTO SALES  
 AND SERVICE**  
 (Formerly Harold's)  
 Now located at 604 Villa Maria  
 near Skyway Drive-In Theatre  
 TA 3-2875

We do major and minor repairs  
 on BMC, Roots Group, Mercedes,  
 VW, Rolls Royce and Volvo.  
 Come try our service. 10% dis-  
 count on labor to all AGGIES.  
 Manager, Harold Gwaltney

**MASTER'S TRANSMISSION SERVICE**  
 Complete Transmission Service  
 TA 2-6116  
 1309 S. College Bryan, Tex.

**CASH AVAILABLE FOR BOOKS, SLIDE RULES & ETC.**  
 5,000 AGGIES CAN'T BE WRONG  
**LOUPOT'S**  
 New Store Hours — 8 a. m. 'til 5:30 p. m. — 6 Days A Week.

Save More at **JOE FAULK AUTO PARTS**  
 OIL-AUTO PARTS-ACCESSORIES-TIRES

Enco, Amalie, Conoco Qt.	30¢	Auto-Transmission oil	Qt. 25¢
Mobil, Havoline, Phillips	33¢	RB Spark Plugs	Each 25¢
Pennzoil, Quaker, Gulfpride	37¢	All Major brands plugs - Dealer	
Reconditioned Oil	15¢	7.50-14 Full 4 ply tires	\$12.95
Wheel bearings—30-60% discount.		plus tax and old tire	
Vinyl plastic trim seat covers now		Brake shoes-Ford-Chev-36-68.	\$2.69 exl.
only	\$13.88 - Reg \$19.95	Latex paint-inside	Gal. \$2.59
Autolite batteries from	\$13.70	Filters-Major brand 40-50% off.	
Nylon Carpet, original type, front and		rear (complete) only	\$19.95

We stock 95% of the parts you need at Dealer price or less. We are a  
 parts house, not a miscellaneous type chain store. We stock bearings, seals,  
 filters, and ignition tune-up kits for most imported cars; Jaguar, M. G., Renault,  
 Triumph, V. W.'s, etc. Check our prices on tires for imported cars.

**ALL PARTS-ETC-ETC, DISCOUNTED TO SAVE  
 YOU AGGIES MONEY**

**JOE FAULK AUTO PARTS**  
 Joe Faulk '32  
 25th and Washington in Bryan

**FOR RENT**  
 Two bedroom, unfurnished, modern brick  
 home, kitchen appliances available, washer  
 and dryer connections, T. V. cable. Chil-  
 dren accepted. TA 2-6340. 1031fn

Two bedroom apartment, furnished, 101  
 Montclair. Call after 5:00. VI 6-7323.  
 1011fn

**CONVERSATION**  
 Soph. Aggie: I hear that the Dean of Stu-  
 dents has made a new ruling about life  
 insurance agents. He says that in the  
 future these men won't be allowed to  
 come into the dorms for any reason: not  
 even to make an appointment.

Senior Aggie: New ruling! By thunder,  
 boy, somebody's been pulling your leg.  
 That's been the ruling of this University  
 since 1953. It's only the fly-by-night agents  
 who violate the sanctity of our sanctuary.

Soph.: Well, I'd rather buy my insurance  
 from an agent who lives by the rules.  
 I'll just walk over to the North Gate and  
 buy my policy from Eugene Rush when I  
 get to be a senior. 951fn

**DAMAGED AND UNCLAIMED  
 FREIGHT**  
 (New Merchandise)  
 Furniture, Appliances, Bedding,  
 Tables, etc. A little of everything.

**C & D SALVAGE**  
 E. 32nd & S. Taber TA 2-0605

**Import Motors**  
 Authorized Triumph  
 Volvo Dealers  
 100% Financing  
 To Graduating Seniors  
 Sports and Economy Cars  
 New and Used  
 Complete Service Dept.  
 2807 Texas Ave. TA 3-5175

- Watch Repair
- Jewelry Repair
- Diamond Senior Rings
- Senior Rings Refinished

**C. W. Varner & Sons  
 Jewelers**  
 North Gate VI 6-5816

**WE BUTCHER  
 LIVESTOCK**  
 WE PROCESS  
 BEEF AND PORK  
 FOR YOUR LOCKERS  
 and HOME FREEZERS

**WE FREEZE TO  
 PLEASE**  
**HANSON'S**

**AUTO REPAIRS**  
 All Makes  
 Just Say:  
 "Charge It!"

**Cade Motor Co.**  
 Ford Dealer

**FOR SALE**  
 1956 Plymouth, standard transmission,  
 good tires, radio, heater, good condition.  
 C-19-D C.V. Will take best offer. 10313

1960 American Rambler, 4 door, Call VI  
 6-6885 after 5:00. 10311

1959 Renault Dauphine, sun roof, new  
 engine, tires, battery, brakes, starter, etc.  
 Completely rebuilt, \$320.00, VI 6-8283.  
 1021fn

\$700 diamond wedding set, brilliant and  
 beautiful. A steal for quick cash sale.  
 Authentication by local dealer. See at 606  
 N. Bryan, Bryan, Texas. 10215

Airplane Cessna 140 just had annual,  
 priced to sell. TA 2-4254, 8:00-5:00 only.  
 1001fn

**SPECIAL NOTICE**  
 SUL ROSS LODGE NO. 1300 A.F. & A.M.  
 Called meeting Tuesday, No-  
 vember 17, 7:30 p. m. E. A.  
 examination and P. C. degree.  
 John Juff W.M.  
 Joe Woolket Secy.

**FOR SALE**  
 1956 Plymouth, standard transmission,  
 good tires, radio, heater, good condition.  
 C-19-D C.V. Will take best offer. 10313

1960 American Rambler, 4 door, Call VI  
 6-6885 after 5:00. 10311

1959 Renault Dauphine, sun roof, new  
 engine, tires, battery, brakes, starter, etc.  
 Completely rebuilt, \$320.00, VI 6-8283.  
 1021fn

\$700 diamond wedding set, brilliant and  
 beautiful. A steal for quick cash sale.  
 Authentication by local dealer. See at 606  
 N. Bryan, Bryan, Texas. 10215

Airplane Cessna 140 just had annual,  
 priced to sell. TA 2-4254, 8:00-5:00 only.  
 1001fn

**SPECIAL NOTICE**  
 SUL ROSS LODGE NO. 1300 A.F. & A.M.  
 Called meeting Tuesday, No-  
 vember 17, 7:30 p. m. E. A.  
 examination and P. C. degree.  
 John Juff W.M.  
 Joe Woolket Secy.

Save up to 40% auto part, tires, batteries,  
 seat covers, mufflers, tail pipes and ac-  
 cessories. SEE WHITE AUTO STORE, Col-  
 lege Station, VI 6-6225. 10116

Bi-City, Ink—Complete typing and print-  
 ing service. 1001 S. College. TA 2-1921.  
 85250

Fast efficient service reasonable prices  
 on catalogs, magazines, programs, bro-  
 chures, reports, posters, tickets, stationery,  
 etc. Gene Hix Printers, TA 2-7525. 241fn

**TYPING SERVICE-MULTILITH PRINT-  
 ING, thesis-dissertations-yearbook-brochures**  
 term papers-business letters-job resume  
 applications-blank forms, etc. REPRODUC-  
 TION: Copy negatives and prints-lantern  
 slides - paper masters - metal plates-custom  
 photo finishing. Camera and movie pro-  
 jectors repair service. PHOTOGRAPHY.  
 J. C. Gledwell's PHOTO LAB. TA 3-1593.  
 2007 S. College Ave., Bryan. 1241n

**AUTO INSURANCE**  
 Single and "under 25" drivers at  
 standard rates! Unusually large  
 dividends for preferred risks.  
 For all your insurance needs  
 Call: George Webb  
 Farmers Insurance Group  
 3400 S. College Ave.  
 TA 3-8051 Bryan

**STUBBLEFIELD'S  
 Imported Cars**  
 Authorized Chrysler-Simco  
 Dealer  
 The only imported with 5 year  
 or 50,000 miles warranty !!  
 General Foreign Car  
 Repair Service  
**ERNEST PIVONKA,**  
 Service Manager  
 3219 Texas Ave. TA 3-6428

**WE BUTCHER  
 LIVESTOCK**  
 WE PROCESS  
 BEEF AND PORK  
 FOR YOUR LOCKERS  
 and HOME FREEZERS

**WE FREEZE TO  
 PLEASE**  
**HANSON'S**

**AUTO REPAIRS**  
 All Makes  
 Just Say:  
 "Charge It!"

**Cade Motor Co.**  
 Ford Dealer

**FOR SALE**  
 1956 Plymouth, standard transmission,  
 good tires, radio, heater, good condition.  
 C-19-D C.V. Will take best offer. 10313

1960 American Rambler, 4 door, Call VI  
 6-6885 after 5:00. 10311

1959 Renault Dauphine, sun roof, new  
 engine, tires, battery, brakes, starter, etc.  
 Completely rebuilt, \$320.00, VI 6-8283.  
 1021fn

\$700 diamond wedding set, brilliant and  
 beautiful. A steal for quick cash sale.  
 Authentication by local dealer. See at 606  
 N. Bryan, Bryan, Texas. 10215

**OFFICIAL NOTICE**  
 Official notices must be brought or  
 mailed to arrive in the Office  
 of Student Publications (Ground Floor  
 YMCA, VI 6-6415, hours 8-12, 1-5, daily  
 Monday and appointment days) at least  
 the deadline of 1 p. m. of the day preceding  
 publication—Director of Student Publica-  
 tions.

(4) All official notices must be brought or  
 mailed to arrive in the Office  
 of Student Publications (Ground Floor  
 YMCA, VI 6-6415, hours 8-12, 1-5, daily  
 Monday and appointment days) at least  
 the deadline of 1 p. m. of the day preceding  
 publication—Director of Student Publica-  
 tions.

"OFF CAMPUS AND SPECIAL  
 ACTIVITIES"  
 47. (1) The University is judged by  
 the action of its students on and off the  
 campus. Therefore, students shall be re-  
 sponsible to the authorities of the University  
 for censurable acts wherever committed.

(2) The faculty reserves the right to  
 discipline cadets for misconduct while in  
 attendance at ROTC training camps.

(3) All military unit parties and other  
 social functions held by military units on  
 or off the campus must be approved by the  
 Commandant.

(4) All civilian dormitory parties and  
 other social functions on and off the campus  
 must be approved by the Director of the  
 Department of Student Affairs.

(5) All officially recognized student  
 organizations, except technical clubs and  
 societies, military units, and civilian dormi-  
 tory and apartment groups, having picnics,  
 parties, and other social functions on or off  
 the campus must secure approval from the  
 office of the Director of the Memorial Student  
 Center. Technical clubs and societies  
 having social functions will secure approval  
 from their appropriate academic dean or  
 his assistant. Student organizations and  
 their advisors (sponsors) are responsible  
 for compliance with the university policies  
 and regulations and the State and Federal  
 Laws. 10314

An English proficiency examination, re-  
 quired for all majors in the College of  
 Arts and Sciences to be taken before the  
 end of the Junior year, will be given to  
 majors in Zoology, Botany, Entomology,  
 and Microbiology on Thursday, November  
 19th from 4:00 to 6:00 p. m. in Room 113,  
 Biological Sciences Building. 10115

An English proficiency examination, re-  
 quired for graduation of all majors in the  
 College of Arts and Sciences to be taken  
 before the end of their Junior year, will  
 be given to majors in History and in Gov-  
 ernment on Tuesday and Wednesday, No-  
 vember 17 and 18, from 3:00-5:00 p. m.,  
 in Room 216, Nagle Hall. Students plan-  
 ning to take this examination must regis-  
 ter at the Department Office prior to 5:00  
 p. m., November 16. 9915

**TEXAS A&M RING ORDERS**  
 Undergraduate students who have 95 semes-  
 ter hours of credit and two semesters of  
 residence at Texas A&M may purchase the  
 A&M ring. Hours passed at the time of  
 the preliminary grade report on November  
 9, 1964, may be used in satisfying the re-  
 quirements. Those students qualifying  
 under this plan may leave their names with  
 the ring clerk in the Registrar's Office.  
 She will then check their records to  
 determine their eligibility to order the  
 ring. Orders for the rings will be taken  
 November 18 through November 25, and  
 December 7, 1964, through January 6, 1965.  
 These rings will not be delivered before  
 February 16, 1965. The ring clerk is on  
 duty in the Registrar's Office Monday  
 through Friday from 8:00 to 12:00 noon.  
 H. L. Heston, Director of  
 Admissions and Registrar 95125

**"NATIONAL DEFENSE STUDENT  
 LOANS—Application forms for National  
 Defense Loans for the Spring Semester  
 and second Trimester 1965, may be obtained  
 from the Student Aid Office, Room 8,  
 Y.M.C.A. Building, during the period  
 November 3 - 30, 1964. Applications must  
 be filed with this office by not later than  
 5:00 p. m., December 1, 1964. Late applica-  
 tions will not be considered. 93116**

English Proficiency Examinations for Stu-  
 dents in Education and Psychology  
 Examinations in English Proficiency, re-  
 quired of all students in the College of  
 Arts and Sciences, will be offered to stu-  
 dents majoring in either Education or  
 Psychology on December 3 and December  
 4, 1964, from 3:00 p. m. to 5:00 p. m. each  
 day in Academic Room 402. Students may  
 take the examination either day and should  
 bring composition paper, writing imple-  
 ments, and a dictionary. 87125

**GIL'S RADIO & TV**  
 Sales: Curtis Mathis,  
 Westinghouse  
 Service: All makes and models,  
 including color T. V.  
 & multiplex F M  
 2403 S. College TA 2-0826

**TYPEWRITERS**  
 Rentals-Sales-Service  
 Terms  
 Distributors For:  
 Royal and Victor  
 Calculators &  
 Adding Machines

**CATES**  
**TYPEWRITER CO.**  
 909 S. Main TA 2-6000



Tom Huck sought scientific excitement



He's finding it at Western Electric

Ohio University conferred a B.S.E.E. degree on  
 C. T. Huck in 1956. Tom knew of Western Elec-  
 tric's history of manufacturing development. He  
 realized, too, that our personnel development  
 program was expanding to meet tomorrow's demands.  
 After graduation, Tom immediately began to  
 work on the development of electronic switching  
 systems. Then, in 1958, Tom went to the Bell  
 Telephone Laboratories on a temporary assignment to  
 help in the advancement of our national military  
 capabilities. At their Whippany, New Jersey, labs,  
 Tom worked with the W.E. development team on  
 computer circuitry for the Nike Zeus guidance sys-  
 tem. Tom then moved on to a new assignment at  
 W.E.'s Columbus, Ohio, Works. There, Tom is work-  
 ing on the development of testing circuitry for the  
 memory phase of electronic switching systems.

This constant challenge of the totally new,  
 combined with advanced training and education  
 opportunities, make a Western Electric career  
 enjoyable, stimulating and fruitful. Thousands of  
 young men will realize this in the next few years.  
 How about you?  
 If responsibility and the challenge of the future  
 appeal to you, and you have the qualifications we  
 are looking for, talk with us. Opportunities for fast-  
 moving careers