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# TTI Researches 'Dragnet' Traffic Controls

A "dragnet" arresting system is effective, practical and economical in stopping out-of-control vehicles at certain highway sites, concluded a research team at the Texas Transportation Institute.

The system consists of a net made of steel cables attached at each end to metal bender energy-absorbing devices.

Possible sites for the "dragnet" include ferry landings, dead ends of highways, freeway entrance and exit ramps temporarily closed to traffic, highway medians at bridge overpasses and rigid obstacles in highway rights-of-way.

The "dragnet" tests conducted by the institute for the U. S. Bureau of Public Roads, were described by TTI researchers Gordon G. Hayes, T. J. Hirsch and Don L. Ivey in a paper presented Monday at the 49th annual meeting of the Highway Research Board in Washington.

## SENATE HEARS

(Continued from page 1)

tion to this general policy, Nix said, was that the cashiers would accept checks that were obviously made out to students by their parents.

Nix reported that bad check fines are \$3. If the check is not paid within 10 days, the fine is

upped to \$5. The senator said that during this period, the student is notified of the check three times by mail.

Nix said he was told that the fines are imposed mainly for punitive reasons, although they do cover costs of handling the checks also. He said that the university has already taken 769 hot checks totaling \$5,000.

If the student does not claim his check within 10 days, his name is placed on a "Bad Check List" which is circulated on campus and in Bryan and College Station. Nix reported that 250 names were currently on the list.

Senate Treasurer Rick Reese reported that the senate spent \$850 in selecting the Aggie Sweetheart, Miss Claudia Gordy. He added that the senate has spent \$1,600 of its \$5,600 budget.

## THE BATTALION

# Campus Briefs

### Research Foundation Receives \$237,500

A&M's Research Foundation has been awarded an additional \$237,500 from the National Science Foundation for operation of the university's research ship the R/V Alaminos, announced Dean Fred J. Benson, foundation director.

The 180-foot vessel operates under the direction of Dr. Richard A. Geyer, head of the Oceanography Department.

Funds under the amended grant now total \$525,200 and extends funding to approximately Dec. 31.

The Galveston-based craft will be on public display Jan. 17-18 in Houston's turning basin following its return from a five-day geological expedition, the first cruise of the new year.

Texas A&M also receives numerous project funds through the National Science Foundation-sponsored Sea Grant Program.

### Funeral Services Held For Former Prof

Funeral services for Dr. Edward Harris Andrew Jr., a former electrical engineering professor were held today at the First Presbyterian Church, Graham.

Dr. Andrew, 45, died Sunday in a Fort Worth hospital from auto accident injuries. He was executive vice president of Graham Magnetics, Inc., and lived at 1424 Oak Hills Drive, Graham. Burial was in Pioneer Cemetery, Graham.

Dr. Andrew is survived by his wife; two sons, William H. and Richard H., both of Graham; his mother, Mrs. Mary Andrew of Fort Worth, and one brother, J. William Andrew of Fort Worth.

A native of San Antonio, Dr. Andrew received B.S. and Ph.D. degrees in electrical engineering from Texas A&M and the M.S. degree in electrical engineering from MIT.

Dr. Andrew rose from student assistant to associate professor and assistant to the director of the Texas Engineering Experiment Station before leaving A&M in 1959 for employment in Dallas.

### Men's Garden Club To Organize Here

A discussion meeting to determine the interest in organizing a Men's Garden Club for this area will be at 7:30 p.m. Friday in the Texas Room of Bryan Building and Loan Association, 2800 Texas Ave.

W. N. Williamson of College Station has urged all men interested in any aspect of gardening to attend. Mr. C. B. Gilman from the Houston Club will assist.

### Vet's Article Rated Best in 1969

An article by Dr. Michael R. Herron of the College of Veterinary Medicine was rated the best

### Management Confab To Begin Jan. 25

Fifty business executives from 30 major companies will start a three-week course in professional management Jan. 25 when the University opens its 18th annual Executive Development Program.

Personal assistance by many of the nation's leading business executives and the advice and support of executives from sponsoring firms combine to make it an outstanding educational experience, according to Dr. John E. Pearson, dean of the College of Business Administration.

Executives from Texas, Tennessee, Oklahoma, Alabama, Illinois, Mississippi, Louisiana, New Mexico and Mexico City will participate in the Memorial Student Center-based program.

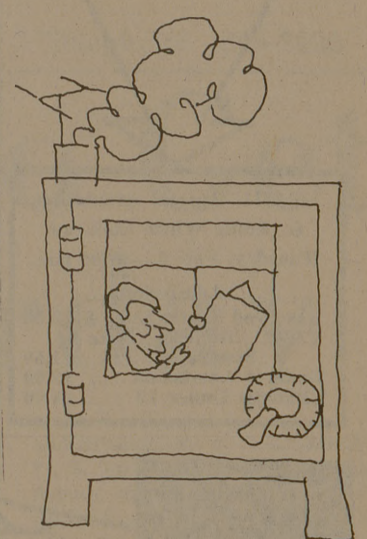
"This program is designed for men who already hold important positions in business whose largest responsibilities still lie ahead," the dean of the sponsoring college said.

Enrollment is limited with individual participants selected to form a cross-section of industries, experience and executive positions. Tuition is \$600 per registrant.

The faculty includes seven A&M academic members and 15 from business, all outstanding in their fields, Dr. Pearson stressed.

Among the featured speakers will be Dr. Gordon L. Lippitt, director of the Center for Behavioral Sciences at George Washington University in Washington, D. C., and William Oncken Jr., president of The William Oncken Corp., a management consultant firm in New York City. Oncken's son, William, is a junior political science major at A&M.

It takes between 300 and 400 pounds of paint to cover the new jumbo passenger jets, although the coating measures only about three-thousandths of an inch thick.



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### HELP WANTED

Employment opportunity available for mature, permanent resident to join staff of Texas A&M University Personnel Department. Requires Bachelor's degree, PREFERREDLY a Master's degree, and minimum of one year related working experience. Employment interviewing background or ability helpful. Must have public relations talent and superior capability for both written and oral communications. Salary experience and wide acquaintance with University personnel desirable. Responsibilities include recruiting, interviewing and referring applicants for campus employment. Current starting salary \$478 per year. Apply in person: University Personnel Department, Room 818 System Administration Building, College Station, Texas. EQUAL OPPORTUNITY EMPLOYER 5515

### FOR SALE

Flashed Aggie must sell: one diamond ring with matched wedding band. 1/3 cost \$275. Will sacrifice. Call 846-5982

1964 Chevrolet with 1962 engine. New transmission, clutch, radio. 822-0478. 5964

One owner, 1965 Buick Skylark convertible, air, power steering, radio, excellent condition. Will finance to Aggie. Call Captain Muller. 846-9211. 5813

1965 Chevrolet Bel-Air. 2-door sedan. Good condition. Good tires. New paint job. 846-7170 after 5:00 p. m. 5764

12 by 60 mobile home, two bedrooms, 1 1/2 baths. Central heat and air, cost \$11,000. Will sell for \$6000. Available January 19. 846-6111. 161fn

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### FOR RENT

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### OFFICIAL NOTICE

Official notices must arrive in the Office of Student Publications before deadline of 1 p.m. of the day preceding publication.

**THE GRADUATE COLLEGE**  
Final Examination for the Doctoral Degree  
Name: Painter, Carl Franklin  
Degree: Ph.D. in Education  
Dissertation: AN ENGINEERING RESPONSE TO A NEEDS ANALYSIS OF THAT DISCIPLINE IN SELECTED, COMPREHENSIVE PUBLIC JUNIOR COLLEGES OF TEXAS.  
Time: February 5, 1970 at 3:00 p. m.  
Place: Room 406 in the Academic Bldg.  
George W. Kunze  
Dean of the Graduate College

At 8:00 a. m., Thursday, January 15, there will be posted in the foyer of the Richard Coke Bldg., a list of those mid-year candidates who have completed all academic requirements for degrees to be conferred on January 17, 1970. Each candidate is urged to consult the list to determine his status.  
R. A. Lacey, Registrar 5714

January Graduates may pick up Graduation Invitations at the Cashier's Window, MSC. Also, extra invitations are on sale. Deadline January 16, 1970. 5565

**THE GRADUATE COLLEGE**  
Final Examination for the Doctoral Degree  
Name: Burdett, Joseph Walton  
Degree: Ph.D. in Chemical Engineering  
Dissertation: PREDICTION OF STEADY STATE AND UNSTEADY STATE RESPONSE BEHAVIOR OF A MULTIPLE EFFECT EVAPORATOR SYSTEM.  
Time: January 19, 1970 at 1:00 p. m.  
Place: Room 201-B in the Doherty Petroleum Engineering Bldg.  
George W. Kunze  
Dean of the Graduate College

### SPECIAL NOTICE

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**Doug Taylor**  
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"I'm one of a five-man team. When

we're assigned a project, we look at the overall problem first. Everyone contributes his ideas. Then each of us takes over his own part of the project and is responsible for designing circuitry that's compatible with the system."

**Computer-aided design**  
Doug regards the computer as his most valuable tool. "It does all of the routine calculations that could otherwise take hours. I can test a design idea by putting all of the factors into a computer. And get an answer almost instantly. So I can devote most of my energies to creative thinking. It's an ideal setup."

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