



TOP AWARD WINNERS

Senior achievement award winners in the College of Engineering for 1966-67 are (from left) Frank Bergen of Chillicothe, Thomas Edgar of Lake Jackson, Walter Haisler Jr. of Temple, and Robert Beene of Big Spring. Dean Fred Benson presented plaques to winners in ceremonies in the School of Architecture Auditorium.

# \$41,859 Research Project For Physics Begins July 1

By JOHN PLATZER  
Special Battalion Writer  
A \$41,859 research project on the "Design and Production of Supplementary Materials For Teachers of High School Physics" will be undertaken by Texas A&M July 1 at the request of the National Aeronautics and Space Administration.

The project, which will continue for 12 months, will receive \$39,866 from NASA and \$1,993 from Texas A&M.

Dr. Frank W. R. Hubert, dean of the College of Liberal Arts, will act as the project coordinator while Helen N. Monroe, who Dr. Hubert calls "the finest high school physics teacher in America," will be the principal investigator.

Dr. Hubert said that NASA's concern over the time lapse that occurs between the initial appearance of new information and techniques from the national space program to its availability to physics teachers led to the program.

"An abundance of new data concerning the application of this science to the national space effort is prevalent, but following a normal time schedule it will be several years before these space-related findings are available in usable form to high school physics teachers," Dr. Hubert said.

During the period of project research, Mrs. Monroe will have all of the resources of Texas A&M and NASA available to

her. Working under Mrs. Monroe on the research will be Harry E. Whitmore, senior technical advisor, and a graduate student yet to be named.

Whitmore's job will be largely in an advisory capacity on the design and development of the supplementary teaching materials.

At the end of the research Mrs. Monroe will submit twenty copies of a manuscript of her work to NASA.

"This manuscript will contain twelve units of supplementary teaching materials which relate to basic concepts and principles commonly found in physics curricula," Dr. Hubert said.

According to Dr. Hubert, the units will be designed with the teachers in mind and will be accompanied by appropriate visual aids and drawings.

After the supplementary materials have been sufficiently designed for field testing, four field test teachers will be selected to use each of the twelve units of study in the actual classroom. These teachers will then evaluate its effectiveness in relation to its relevance to the principles of physics being studied.

After reviewing the responses of the field test teachers, Mrs. Monroe will design a refined copy of the supplementary unit for review by the Technical Advisory Group and selected NASA personnel. Mrs. Monroe will then consider the responses of these sources in preparing the final

manuscript.

Dr. Hubert emphasized that it was an extreme honor for A&M to be selected by NASA to supervise the project.

One of the qualifications of A&M, that NASA listed as a reason for its selection, was the fact that one-third of its student body is comprised of graduate students. They said that this signifies extensive research programs supported not only with institutional funds but also with a high level of research support from all the principal research funding agencies and organizations.

Also listed by NASA as reasons for the selection were the expanding library accommodations on A&M's campus and the fact that over the years A&M has maintained its strongest programs in the fields of science and technology. The easy access of the University to the Manned Spacecraft Center in Houston was also listed as a reason.

NASA also listed the fact that A&M offers graduate degrees at the master's level in science education and at the Ph.D. level in curriculum and instruction as reasons for the selection of A&M.

Mrs. Monroe, who is married and the mother of two children, received her B.A. degree in physics from the University of Rochester in 1942. She received her M.A. degree in 1947 from the University of Buffalo.

A physics and mathematics teacher at Luther Stark High School in Orange from 1956-1966, Mrs. Monroe received the Teacher of the Year Award from the Orange Independent School District in 1964.

In 1959 Mrs. Monroe had an article, "High School Science: An Example," published in The Condenser, the official publication of the Texas-Louisiana Gulf Section of the American Chemical Society. She wrote "A Manual for High School Physics" in 1963.

SCONA XIII, set Dec. 6-9 at A&M, will attract delegates from universities and colleges in the United States, Mexico and Canada to hear speakers and discuss the conference there: "The Price of Peace in Southeast Asia."

## Cisneros Announces Drive

A six-man delegation for a summer finance drive in Mexico to help support the 13th Student Conference on National Affairs at Texas A&M has been announced by finance chairman Henry Cisneros of San Antonio.

Cisneros said students will visit former students, friends of Aggies, businesses and industries to seek financial assistance for the international meeting.

Named as participants for the Mexico jaunt are Paul Lockey of Laredo, Roger Engelke of Seguin, John Daly of Corpus Christi,

Bill Fuller of Poteet, and Mike Faubion of Houston.

Visits are planned to Monterey, Saltillo and Mexico City from Aug. 6 to 15.

"We expect not only to raise funds," Cisneros commented, "but also to give students international experience."

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# THE BATTALION

Opinions expressed in The Battalion are those of the student writers only. The Battalion is a non tax-supported non-profit, self-supporting educational enterprise edited and operated by students at a university and community newspaper.

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# Former Students Announce Cash, Certificate Winners

Carl Sanders Droste of San Antonio and Thomas Roger Avant of Jayton are winners of cash awards and certificates from the Texas A&M Association of Former Students.

Droste, a doctoral candidate in mechanical engineering at A&M, and Avant, a Master of Arts candidate in English, were honored Tuesday in ceremonies conducted in Graduate College Dean Wayne C. Hall's Office.

Jack Crichton of Dallas, president of the Association of Former Students, presented a \$200 check to Droste and a \$100 check to Avant.

Dean Hall noted the awards are for scholarly achievement.

Droste, an August candidate for the Ph.D., has a 2.96 grade point ratio on a 3.0 scale. He is a member of Sigma Tau, Pi Tau Sigma and Phi Kappa Phi. Droste earned the M.S. degree last year at A&M. He has B.S. and B.A. degree in mechanical engineering from Rice University.

A native of Clayton, Mo.,

Droste is a lieutenant on active ready reserve in the U. S. Navy. He is the son of Mr. and Mrs. Edward P. Droste, 800 College Blvd., San Antonio.

Avant has a 3.0 GPR in graduate school and is the recipient of a \$4,000 teaching assistantship for doctoral work in English beginning this fall at the University of Wisconsin.

Currently, he is a teaching assistant in English at A&M. He will teach English this summer to students participating in a summer cruise of the Texas Maritime Academy's training ship, "Texas Clipper."

Avant has worked on special research projects in American literature and social ethics. He is a member of Phi Theta Kappa,

Sigma Tau Delta and Phi Kappa Phi.

As an undergraduate, Avant posted a 2.68 GPR, was a distinguished student and honor graduate. He won Fasken Foundation and Dodge Jones scholarships. He also was winner of a \$2,000 scholarship at Schreiner Institute, Kerrville, before transferring to A&M.

Avant was a member of the Aggie Players as an undergraduate. He is the son of Mr. and Mrs. Roger E. Avant of Jayton.

# Grant Of \$17,460 Given To Physics

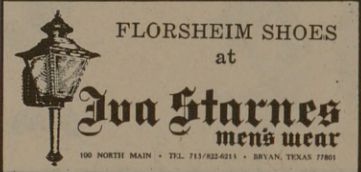
A \$17,460 research grant to Dr. Joe S. Ham of the Physics Department has been announced by the Department of Health, Education and Welfare.

The grant, effective June 1, is for the third year of a three-year study of some aspects of physics and chemistry involved in the action of large molecules, Dr. Ham said.

"Results have implications practical problems that deal with analysis and separation of biological and synthetic polymers," the professor added.

## STUDENTS 18 OR OVER

Interviews now being arranged for students seeking summer employment. Opportunity to join other students in a proven successful scholarship program backed by 89 year old firm. To those who qualify our program offers: 1. \$112.00 per wk. salary with opportunity for more; 2. Executive management training; 3. All expense paid trip to Waikiki beach; 4. One of 15 \$1000 scholarships; 5. Recommended background work post graduation; 6. Up to 13 wks. continuous employment guaranteed. Men accepted for a similar program last summer average \$153.26 per week. These jobs may develop into part time or full time positions after Sept. For Appointment call Mr. Dupree, 9 to 12 noon, Houston, CA 3-5964, CA 3-5766, San Antonio CA 6-6559.



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### PEANUTS

By Charles M. Schulz

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\*SIGH\*

I LIKE TO HEAR THEM SIGH...

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\*SIGH\*

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