

# \$7,500 Received For Research

The Rob and Bessie Welder Wildlife Foundation at Sinton has made \$7,500 research grant available to the Texas Agricultural Experiment Station.

Dr. R. E. Patterson, station director, said the grant has been approved and accepted subject to confirmation by the A&M System Board of Directors.

The funds will be used to support research on devices for automatically making, counting and following movements of deer.

Jack Inglis of the Department of Wildlife Management is supervising the project.

An estimated 500 high school students and science teachers will attend the annual conference of

the Junior Engineer Technical Society March 5 here.

J. G. McGuire, assistant dean of engineering and state coordinator for JETS, said Dr. E. E. David Jr., an official of the Bell Telephone Laboratories in New Jersey, will give the keynote address.

Students will be able to take one hour tests in two of a variety of subjects, including mathematics, engineering science, physics, chemistry, slide rule, drawing, drafting and technical writing.

Tests will be graded the same day by an automatic grader provided by the counseling and testing service at A&M. Awards will be presented to high scorers at about 4 p. m., at which time Kenneth Esmond of Odessa, president of the Texas Society of Professional Engineers, will give an address about engineering.

McGuire said pre-conference interest has been good, indicating a sizeable gain over last year's total of 350 conferees.

Two photographs and a technical description of a cloud formation observed in the College Station area are receiving worldwide publication.

A recent issue of "Weather" published by the Royal Meteorological Society contains the photos and brief article submitted by Dr. Aylmer H. Thompson, A&M associate professor. Title of the article is "Growing Cumulus with Pileus."

A&M will be one of 40 National Engineering Aptitude Search Centers Jan. 16, announced J. G. McGuire, assistant dean of engineering.

McGuire said approximately 500 students will take the test statewide, either Jan. 16 or 16.

The purpose of the test, he said, is to measure aptitudes of high school seniors for study of engineering or science in college.

Tests will be graded by a national testing firm and returned to counselors for interpretation.

The search centers are being sponsored by the Junior Engineering Technical Society and will be administered in the Chemistry Building.

Students from Brazos and eight surrounding counties will take the tests.



### Fruit For Veterans

Christmas stockings of 1,200 patients at the Veterans Administration Hospital in Temple were filled with these apples and oranges being loaded into the truck by P. L. (Pinkie) Downs Jr., and J. L. Hechinger. Students from A&M, A&M Consolidated and Lincoln Schools gave the fruit.

### AMONG THE PROFS

## Weed Conclave Set For Dallas

Two A&M researchers will give a talk at the 18th annual meeting of the Southern Weed Conference which will be held January 19-21 at the Hotel Adolphus in Dallas.

Robert H. Haas and Stan K. Lehman, assistant professors in the Department of Range and Forestry, will talk on the control of weeds and woody plants in forests and rangelands.

Presiding over the conference is Dale E. Wolf, conference president-elect, of DuPont de Nemours Company, Wilmington, Delaware.

Dr. James B. Henson and Dr. Kenneth R. Pierce of the College of Veterinary Medicine have been accepted as members of the American College of Veterinary Pathologists.

Dr. A. A. Price, dean of the College of Veterinary Medicine, said the ACVP represents an organization to establish training and experience necessary to qualify a specialist in veterinary pathology.

Henson and Pierce, both faculty members in the Department of Veterinary Pathology, have received special training and a certificate from the ACVP.

"Certification by the American College of Veterinary Pathologists is a signal honor and attests to both the outstanding achievements of the party certified and the program in which the party trained," Price said.

The dean said other A&M veterinary faculty members previously certified by the ACVP are Dr. Fred D. Maurer, Dr. C. H. Bridges, Dr. J. H. Milliff and Dr. J. N. Beasley.

The latest issue of "The Southwestern Social Science Quarterly" carries an article by Dr. Michael J. Francis, instructor in the Department of History and Government.

The article entitled "The United States and the Act of Chapultepec" deals with the regional inter-American organization within the United Nations Charter and the policies of the American countries toward collective security arrangements for the western hemisphere. The Act of Chapultepec was drawn in Mexico City in 1945.

Francis' area of specialization is international relations with special orientation toward Latin America.

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Official notices must be brought or mailed so as to arrive in the Office of Student Publications (Ground Floor YMCA), VI 6-6415, hours 8-12, 1-5, daily Monday through Friday) at or before the deadline of 1 p. m. of the day preceding publication—Director of Student Publications.

Regalia For The January 1965 Commencement Exercise  
All students who are candidates for the

degree of Doctor of Philosophy are required to order hoods as well as the Doctor's caps and gowns. The hoods are to be left at the Registrar's Office no later than 1:30 p. m., Tuesday, January 12 (this will be accomplished by a representative of the University Exchange Store). The Ph.D. hoods will not be worn in the procession since all such candidates will be hooded on the stage as part of the ceremony. Candidates for the Master's Degree will wear the cap and gown; all civilian students who are candidates for the Bachelor's Degree will wear the appropriate uniform. All military personnel who are candidates for the degree, graduate or undergraduate, will wear the uniform only. Rental of caps and gowns may be arranged with the Exchange Store. Orders may be placed between 8:00 a. m., Monday, December 14 and 12:00 noon, Saturday, January 9. The rental is as follows: Doctor's cap and gown \$5.25, Master's cap and gown \$4.75, Bachelor's cap and gown \$4.25. Hood rental is the same as that for the cap and gown. A 2% sales tax is required in addition to these rentals. Payment is required at the time of placing order.  
C. E. Tishler, Chairman  
Convocations Committee 11916

### NOTICE TO JANUARY GRADUATES:

On Thursday, January 14, at 8:00 a. m., a list will be posted in the lobby of the Richard Coke Building of all candidates who have completed the academic requirements for degrees, to be conferred January 16, 1965. Each candidate is urged to consult this list to determine his status.  
H. L. Heaton, Director of Admissions and Registrar 11915

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Murad, John Louis  
Candidate for Degree of Doctor of Philosophy  
Title of Dissertation A Study of nematodes from sewage filter beds and of some factors influencing nematode populations  
Time of Examination January 5, 1965 at 1-3 p. m.  
Place of Examination Room 216 in Biological Science Building  
Wayne C. Hall  
Dean of Graduate Studies 11911

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Fontana, Joseph Charles  
Candidate for Degree of Doctor of Philosophy  
Title of Dissertation An Explicit Finite Difference Solution of the Generalized Equation for Unsteady State Heat Transfer in Solids with Radiation at one Boundary  
Time of Examination January 5, 1965 at 9:00 p. m.  
Place of Examination Room 207 in Mechanical Engineering Shops Building  
Wayne C. Hall  
Dean of Graduate Studies 11911

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Klaus, Ewald Fred, Jr.  
Candidate for Degree of Doctor of Philosophy in Entomology  
Title of Dissertation Some Genetic Aspects of Resistance to Endrin in the Boll Weevil, *Anthonomus grandis* (Boheman)  
Time of Examination January 5, 1965 at 9:00 a. m.  
Place of Examination Room 207 in Biological Sciences Bldg.  
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### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Stryles, James Marshall  
Candidate for Degree of Doctor of Philosophy in Chemical Engineering  
Title of Dissertation On the Optimum Design of Conventional and Complex Distillation Columns  
Time of Examination January 6, 1965 at 3:00 p. m.  
Place of Examination Room 818 in Geology Building  
Wayne C. Hall  
Dean of Graduate Studies 11912

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Ray, Lewon L.  
Candidate for Degree of Doctor of Philosophy in Plant Breeding (Agronomy)  
Title of Dissertation Inheritance of Crop Maturity in American Upland Cotton, *Gossypium hirsutum* L.  
Time of Examination January 6, 1965 at 3:00 p. m.  
Place of Examination Room 3 in (Basement) Agronomy Building  
Wayne C. Hall  
Dean of Graduate Studies 11912

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Russell, Leon Horace  
Candidate for Degree of Doctor of Philosophy in Veterinary Microbiology  
Title of Dissertation Evaluation of the Precipitin Reaction as a Laboratory Test for Equine Infectious Anemia  
Time of Examination January 7, 1965 at 10:00 a. m.  
Place of Examination Room 206D in Veterinary Medicine Building  
Wayne C. Hall  
Dean of Graduate Studies 11913

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Oldham, William J. B. Jr.  
Candidate for Degree of Ph.D. in Physics  
Title of Dissertation Calculations of the Energy and Angular Distribution of Electrons Ejected from Helium by Portions  
Time of Examination January 7, 1965 at 3:00 p. m.  
Place of Examination Room 304 in Physics Building  
Wayne C. Hall  
Dean of Graduate Studies 11913

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Reuscher, Jon  
Candidate for Degree of Doctor of Philosophy in Nuclear Engineering  
Title of Dissertation Transient Thermal Stresses in Liquid Metal Cooled Reactor Fuel Elements  
Time of Examination January 8, 1965 at 1:00 p. m.  
Place of Examination Room 207 in Engineering Building  
Wayne C. Hall  
Dean of Graduate Studies 11914

### THE GRADUATE COLLEGE

Announcement of Final Examination for the Doctoral Degree (Defense of the Dissertation)  
Full Name of Candidate Helmers, Donald Jacob  
Candidate for Degree of Doctor of Philosophy in Mechanical Engineering  
Title of Dissertation The Effects of Vibratory Motion on Heat Transfer by Free Convection From a Heated Flat Plate  
Time of Examination Saturday, January 9, 1965 at 9:00 a. m.  
Place of Examination Room 113 in Mechanical Engineering Shops Bldg.  
Wayne C. Hall  
Dean of Graduate Studies 11914

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H. L. Heaton, Director of Admissions and Registrar 95125

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