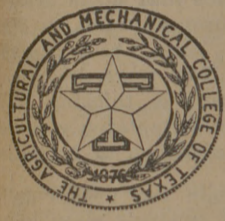


Army May Give Graduate Deferments



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Applications Now Being Accepted

Applications for delay in call to active duty to pursue graduate studies in any field are now available to May graduates and those in graduate school, according to Dean of Graduate Studies Wayne C. Hall.

Under the revised order from the Department of the Army, reserve officers now in graduate or professional schools and those applying for admission in September of this year are eligible for postponement of active duty on a year to year basis. This postponement is not to exceed four years.

All students who previously applied and whose request was denied, or those who have not applied, but would like to take graduate courses must submit applications which will reach Army headquarters by May 1.

Interested students presently enrolled in Military Science IV classes, or those students who have completed their Military Science courses, and who will graduate and receive their commissions during the period of May 1962, through January 1963 are eligible.

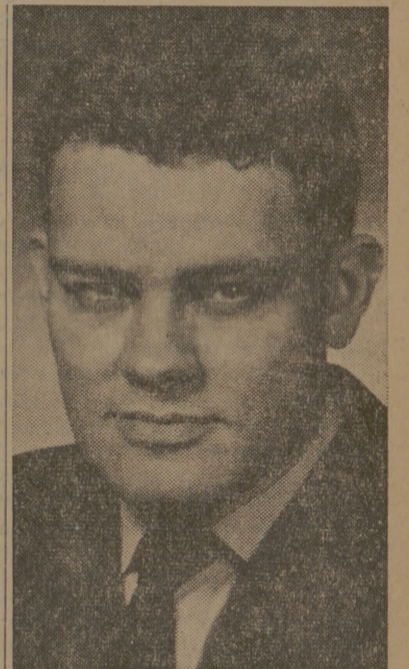
Interested students should contact Sgt. Kenneth H. Truitt in Room 207 of the Military Science Building.

Hall said that the Council of Graduate Schools in Washington, D. C., was instrumental in getting the Army to agree to this.

"The president of the council wrote to all the graduate schools in the country to ask for suggestions and support for this issue. This report was then sent to the Department of Defense, which responded to the suggestions," he remarked.

Lt. Col. T. A. Hotchkiss, operations officer in the Department of Military Science, said that a number of students had applied for deferment before, but only a few cases had been approved. "Now," he added, "the ones who had their applications disapproved are eligible to resubmit them."

Col. Hotchkiss reminded students that the delays are dependent upon the student's being accepted by a graduate school and his continued creditable performance in the school.



DR. EDWARD E. BURNS ... views fruits, vegetables

Fat, Relation With Disease, Studied Here

Food fat and its relation to heart disease was discussed here Tuesday by Dr. Morris Siperstein, associate professor of internal medicine at the University of Houston Southwestern Medical School, Dallas.

Speaking at the Human Nutrition Workshop for Texas home demonstration agents, Siperstein dealt primarily with the disease atherosclerosis—a type of arteriosclerosis in which fibrous thickening of the innermost coat of blood vessels is accompanied by atheromatous degeneration.

He discussed the properties of lipids—a group of substances comprising the fats and other esters that possess analogous properties and are characterized by solubility in fat solvents and by insolubility in water and spoke of studies made on the relation between blood cholesterol and atherosclerosis.

Raymond Reiser, professor in the Department of Biochemistry and Nutrition, set the stage for Siperstein's talk by delivering a lecture entitled "The Fat Story." He defined terms and discussed the chemistry involved in the fats and oils produced by plants and animals.

Fats and oils constitute one species of a large group of compounds known as lipids, Reiser explained, adding that the substances have a greasy feel and are soluble in solvents such as ether and chloroform. Oils are for the most part unsaturated, while the fats are more highly saturated.

New methods of preserving and processing foods were discussed by Dr. Edward E. Burns, associate professor in the Department of Horticulture, who has worked in the fields of vegetable and fruit processing and storage.

Freeze-dried, dehydro-frozen and dehydro-canned foods are now being processed, he said. He predicted that antibiotics will be used to extend the shelf-life of fresh meats, since fish and poultry already are being treated in this manner—and said the use of atomic energy to preserve foods also is being explored on an experimental basis.

"Radiation and Nutrition" was discussed by Dr. Sidney O. Brown, A&M biology professor, who described research work now being done with regard to irradiation and food preservation at A&M and elsewhere.

Dr. Robert E. Branson, professor of agricultural economics and sociology, discussed motivating factors in consumer purchases of food products.

Rice Prexy To Address May Grads

The president of Rice University in Houston, Dr. Kenneth S. Pitzer, will be commencement speaker during graduation exercises May 26.

Approximately 900 graduating seniors will hear the internationally known chemist's address in G. Rollie White Coliseum.

Pitzer became the third president of Rice University in 1961. He was formerly dean of the College of Chemistry at the University of California at Berkeley.

A native Californian, the scientist received his B.S. degree from the California Institute of Technology in 1935 and his doc-

torate from the University of California in 1937. He then joined the faculty of the College of Chemistry, in which he advanced to full professorship and later to dean.

Pitzer has been by presidential appointment since 1958 a member of the General Advisory Committee of the Atomic Energy Commission and has served as its chairman since 1960. In addition to holding membership in many national professional and honorary societies, he has served as a member of the Board of Trustees of Mills College and Harvey Mudd College.

In 1950 he was given the U.S. Junior Chamber of Commerce Award as "one of the ten outstanding young men in the nation."

Ross Volunteer Company Sets Annual Fete

The Ross Volunteer Company will hold its R.V. Banquet and Ball here Saturday night.

The banquet will be held in the banquet room of the Triangle Restaurant at 6 p.m.

Guest speaker will be Reagan V. Brown, extension rural sociologist, Texas Agricultural Extension Service. Brown, a native of Henderson, received both a B.S. and M.S. at A&M. He has done graduate work at Colorado and Cornell Universities.

Wounded in the Battle of the Bulge, he was discharged from the 69th Infantry with the rank of captain.

He is a member of Epsilon Sigma Chi, honorary extension service fraternity, and teaches the Men's Bible Class at the First Methodist Church in Bryan.

Invited to the festivities as honor guests are Chancellor and Mrs. M. T. Harrington, President and Mrs. Earl Rudder, Dean and Mrs. James P. Hannigan, Mr. and Mrs. Pinky L. Downs Jr. and numerous other friends of the company.

Ross Volunteer sponsors and their wives will also attend as honor guests of the company. They are Col. and Mrs. Joe E. Davis, Lt. Col. and Mrs. T. A. Hotchkiss, Capt. and Mrs. W. C. Swindle, Capt. and Mrs. J. B. Killebrew and Capt. Charles Hornstein.

The ball will be held at 9 p.m. in the ballroom of the Memorial Student Center. The well-known Aggieband Combo will play for the dance. The MSC patio will also be open for dancing.

The famed cadets, honor guard for the state governor, recently returned from Austin, where they took part in Gov. Daniel's public dedication of the new Texas State Library and Archives Building.

They are best known, however, for their participation in the annual Rex Parade and Ball during the Mardi Gras in New Orleans. They traditionally lead the parade as personal honor guard of King Rex, "Lord of Misrule," and receive invitations to the ball held in his honor.

Library Schedule

Library Director Robert A. Houze has announced the following schedule for Cushing Memorial Library during the Easter Holiday:

Wednesday	8 a.m. to 5 p.m.
Thursday	8 a.m. to 5 p.m.
Friday	Closed
Saturday	8 a.m. to 12 Noon
Sunday	Closed
Monday	Closed
Tuesday	Resume Regular Schedule



DR. KENNETH S. PITZER ... commencement speaker

Smorgasbord Set Tonight

Original foods will be featured tonight at the third annual Latin American smorgasbord, to be held in the Memorial Student Center Dining Room from 5:30 to 8, with over 200 people expected for the event. Tickets went off sale yesterday at 6 p.m.

Following the smorgasbord, Dr. C. M. Tiller, dean of engineering at the University of Houston, will present the main address of the week in the MSC Assembly Room, at 8 p.m.

Tiller has been very active in Latin American affairs, and is presently engineering advisor to the Organization of American States. He was a founder of the University of Guayaquil in Ecuador, and also assisted in founding the Universidad Central de Ecuador.

Tomorrow, Pan American Week will feature the third Southwest Interscholastic Soccer Tournament, on the soccer field starting at 1:30 p.m.

Conclusive event of the week will be "Cafe Tropical" in the Lower Level of the Memorial Student Center starting at 8 tomorrow night.

\$150,000 SOUGHT

Development Fund Aims At New Goal

A program to aid A&M with its most pressing needs has been announced by the Former Students Association, in which they hope to pour \$150,000 into the economy of the college.

The Executive Board of the Association has approved the new goal, which more than doubles the amount sought for 1962 Development Fund objectives.

The action was taken because of the tremendous early response to the 1962 Development Fund, the new issue of "The Texas Aggie," the Association newspaper, reports. The association's goal for academic excellence now totals \$268,500 in unrestricted gifts during 1962.

The association board asked President Earl Rudder and the deans to outline the most urgent and timely needs of the college. As a result, the board adopted the "revolutionary and far-reaching program which will make available to the college an unrestricted \$150,000" above the original allocations, which also included provisions for sponsoring some faculty research projects, faculty achievement awards and similar programs.

Largest single item in the program is \$50,000 in unrestricted funds for faculty and staff salary supplementation.

The college fund for academic excellence, listed to receive \$36,000, and faculty research projects, listed at \$30,000 are other major goals dollar-wise.

The \$36,000 allocation is for fellowships for advanced study by the faculty, attendance at technical and scientific conferences, and similar purposes. The research fund will finance projects and support faculty lectures and publications.

The increased goal also means that \$15,000 should become avail-

able for graduate fellowships and advanced scholarships. This is in addition to the \$10,000 listed for the famous Opportunity Award Scholarships under the original goal.

A \$1,000 increase in the Faculty Achievement Awards funds also was approved. The additional money raises the total in this category to \$8,000 and will allow establishment of an additional award for research.

The executive board of the association also allocated \$15,000 of the anticipated funds to finance the A&M convocation scheduled Nov. 16. The convocation, which promises to be among the most important ever held on the campus, will include the college's Board of Directors announcement of the new program and goals looking to A&M's 100th birthday in 1976.

The expanded Development Fund also makes provision for an additional for the President's and Dean's Emergency Fund. This fund is used in areas not covered by state or other appropriations, such matters as enabling faculty and staff members to travel and speak to various groups, and for supporting a visiting scholar program.

The board also adopted a plan for personal solicitation during 1962 of Aggies in more than 400 cities.

MSC Council And Directorate Set Awards Banquet

The Awards Banquet for outgoing members of the MSC Council and Student Directorate is scheduled for the Thursday after return from Easter Holidays, Apr. 26, announced Kirk Blackard, Public Relations Chairman for the Council.

Awards to be given at the affair are the "Distinguished Service Award" and "MSC Appreciation Award." Officers for the coming year are to be installed also.

"We are planning to use a Roman theme for the banquet, and we intend to invite student leaders, members of the Board of Directors of the College, College officials, and top state officials," said Blackard.

All MSC committee members are invited, and tickets are available at the office of the MSC Cashier. Tickets for committee members will be \$1.50 and for non-members the cost will be \$3.

Easter Egg Hunt Sunday

A free Easter Egg Hunt for all children of day students and residents of college apartments will be held in Hensel Park at 3 p.m. Sunday, according to Tom Thomas, co-vice president of the Apartment Council.

Prizes will be given in several age groups. About 2,000 candy eggs will be hidden by members of the Apartment Council.

Students need not have purchased activity cards for either the fall or spring semester.

IBM '604' REPLACED

Data Processing Center Expecting New Machine

Replacement of the IBM 604 with an IBM 1401 tape-system computer is expected soon at the Data Processing Center.

The new computer is expected to arrive June 8, according to Robert L. Smith Jr., head of the Center.

The \$300,000 compact center, built in 1958, is now packed with the IBM 709, worth \$3 million, a \$250,000 DYSTAG analog computer and other related equipment with a total value of more than \$4 million.

About 40 full-time employees are required for operation of the Center. The largest number of these are operators who punch the cards used in programming the work of the computers. The rest are programmers, tabulating

equipment operators, computer specialists and supervisory personnel.

Smith, a 34-year-old associate professor of industrial engineering, was cited this winter by the Texas Jaycees for the establishment of a mathematical technique for computing radiation patterns produced by radium needles used by doctors in the cure of cancer.

Smith has also developed a program for the IBM 709 Digital Computer using a mathematical function called a "double cosine integral," in which he feeds the computer data on the pattern made by the radium needles.

The computer will print an exact pattern of the radiation that enables doctors to determine whether treatment is being concentrated in the right place.

Smith has worked with all of the A&M computers since the first IBM 604 was brought to the campus in 1952.

The 604 was supplemented by the IBM 650 in 1956 and by the IBM 704 in 1959. The 704 was replaced in 1960 by the IBM 709.

During the next five years, Smith expects to see the Data Processing Center double in size and increase its computational capability tenfold. This will be accomplished in part by the addition of an IBM 7090 computer and another 1401 in addition to the one now being installed.

Computer education will also double at A&M. A master of science in computer science is expected to be offered soon, subject to the approval of the Texas Commission on Higher Education.