

Weather

Partly cloudy and warm through Friday with widely scattered afternoon and evening thundershowers.

THE

BATTALION

Summer School
Begins June 8

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For Research

Physics Head Receives Leave To Washington

Dr. James G. Potter, head of the Department of Physics, has received a leave of absence from the college to work for the National Science Foundation in Washington, D. C.

Potter said he will begin work on June 10 and his leave of absence will extend for 15 months.

He said he plans to resume his teaching here in September, 1960.

Potter will be in charge of the College Program and Teacher Improvement Program of the Special Projects Department. This department is a part of the Science Education Section of the National Science Foundation.

In the College Program and Teacher Improvement, Potter will

consider new ideas on education and scientific manpower which includes improved scientific college programs and teachers for the programs.

Potter will also make recommendations to the director of the National Science Foundation as to how much financial support will be given to each government sponsored scientific project.

One of these projects is the Visiting Scientists Program. In his program, scientists from different phases of industry and from the larger universities and colleges will visit the smaller colleges and junior colleges, giving them ideas of a better scientific program.

A&M had the opportunity to have a man affiliated with the Visiting Scientists Program this year when Dr. Helmut Abt from the University of Chicago lectured on some different phases of astronomy, said Potter.

During Potter's leave of absence, he will do most of his work in Washington, but he said that he would travel to various colleges, giving them new ideas and methods of scientific education.

Three Graduates Selected For Top Ag School Awards

Distinguished Honor Awards have been presented to three graduates in the School of Agriculture.

The award winners are Hogan Lippe of Yorktown, Curtis Wayne Boyd of Athens and Richard Harvey Richardson of Mexia.

They were selected for the awards in recognition of their outstanding records of scholarship and leadership in the School of Agriculture.

Dr. G. M. Watkins, dean of agriculture, presented the certificate awards during commencement exercises Saturday.

Lippe, a dairy science major, plans to enter the dairy business. Boyd, who received a degree in animal science, will enter the Southwestern Medical School of the University of Texas and upon graduation he plans to do graduate work, teaching and research. Richardson, a graduate in plant and soil science, has been awarded a National Science Foundation Cooperative Fellowship at North Carolina State College where he plans to earn a master's degree in forage crop breeding. After receiving his master's degree he plans to begin work for a Ph. D. in the same field.

Dormitories Close Saturday at 6 p.m.

All students are urged to clear their dormitories by 6 p.m. Saturday since all dormitories except those to be used during the summer session will be closed and locked at that time, Harry L. Boyer, housing manager, announced today.

All dormitory students now in school who intend to go to summer school are reminded that they must be moved by 6 p.m. Saturday. Military students who move early are reminded that they must still clear with their dormitory Tactical Officer before checking out of their old rooms.

Students who desire to turn in their room key must present their key and the yellow receipt showing their key deposit at the Housing Office on the ground floor of the YMCA during office hours.

Corps Reorganization Plan Released to Units Monday



This is only a part of the long line of Aggies waiting to turn in their uniform issue at the military clothing warehouse. According to estimates yesterday, only about half of the uniforms have been turned in.

Ten Upperclassmen To Join College Scientists in Summer

Ten selected juniors and seniors of A&M will join college research scientists in a special program of biological, physical and engineering research beginning June 1.

They have been selected from among outstanding students of the college to participate in the nationwide Undergraduate Research Participation Program sponsored by the National Science Foundation to encourage bright and capable undergraduates to learn the meaning of science through research.

Students selected for the program here are Harley H. McAdams of Liberty, Chandler J. Whitten of Eldorado, Joseph E. Smith of Justin, Thomas L. McLaughlin and Sam W. Fort Jr. of Bryan, Wilbur K. Ream Jr. of Longview, Alfred R. Pate of Tyler; Fred A. Pendleton of Dallas; Jack C. Parker of Clute and William C. Clary of Henderson.

A committee of research and teaching personnel chose 10 research projects from among 31 projects submitted for consideration for this program. Each of the 10 undergraduates has been assigned to one project and will conduct research under the supervision of a research scientist.

Some of the projects will be initiated on June 1 on a full-time basis during the summer vacation months. Others will begin next fall and continue throughout the 1959-60 academic year on a part-time basis. Each participating student will receive a \$700 grant from the National Science Foundation.

The committee that chose the projects for the program also selected the student participants. The group restricted its consideration to those who will be third or fourth year students at the time of their research participation. To be chosen, each student had to

have an overall college grade average of not less than "B" and course grade of not less than "B" in his major and minor subjects.

Dr. C. Kinney Hancock was elected a fellow of the American Institute of Chemists at the recent meeting of the National Council. Hancock is professor of chemistry and a research chemist in the Texas Engineering Experiment Station.

Hancock Elected To Chemist Group

The benediction was given by Cadet Lt. Col. Partridge, followed by the Star Spangled Banner. Miss Dorothy Berry was at the organ.

President M. T. Harrington, gave a short talk and Gen. Weyland then delivered the commissioning address. The administration of the oath of office was given by Capt. Joseph M. Bennet Jr. of the Department of Air Science and Gen. Weyland presented the commissions.

The invocation was given by Cadet Lt. Col. John H. Partridge, Jr., Corpus Christi. The audience joined in singing The Spirit of Aggie land.

Two hundred and forty-nine cadets, at commissioning ceremonies Saturday were welcomed into the reserve and regular services of the Army, Air Force and Marine Corps, making a total of 469 appointments to the services for the 1958-59 school year at A&M.

Gen. O. P. Weyland delivered the commissioning address and presented the commissions. Gen. Weyland, '23, is commander, Tactical Air Command, Langley AFB, Va.

Of the 249 graduates Saturday, 129 received reserve commissions as second lieutenants in the Army and 23 received regular commissions. In the Air Force, 78 received reserve commissions. One cadet received a regular commission in the Marine Corps and two received reserve commissions.

Commandant Lists Move Advantages

Larger units, more command positions, more leadership opportunities and a better selectivity of leaders are the advantages of the Corps reorganization for 1959-60 school year, Col. Joe E. Davis told members of the Class of '60 Monday.

Speaking to a group that was made up primarily of men who

249 Graduates Commissioned

Basically, three outfits will be consolidated into two next year with the exception of day student, athletic, pre-vet, pre-med, pre-dent and Civil Air Patrol units. The band will also be changed.

Under the new plan each of the units will be divided into three platoons or flights which will in turn be composed of three squads or elements, Col. Davis told the future Corps officers.

"This will give more opportunity for leadership as each flight or platoon leader will command as many men as are in some of our present units," Col. Davis said.

Freshmen will be grouped according to the school of the college they have indicated a desire to study in and will be assigned to units designated for freshmen in that school, Col. Davis said. A freshman who later changes his major course of study will not have to transfer to another unit.

The new plan will also allow better utilization of dormitories in that some outfits will not have to be divided between two dorms as has been done in the past, Col. Davis explained.

A better working arrangement for faculty advisers will be possible because of the concentration of majors in units, Col. Davis said.

This year's freshman class was also assigned to units on the basis of academic major so that next year both the freshman and sophomore classes in a unit will be composed of men of the same major field, said Col. Davis.

A group composed of the present Squadrans 7, 10 and 12 will be the only dormitory-housed units with freshmen from two major fields, arts and sciences and agriculture.

A Veterinary and A Medical Companies will not be consolidated with any other units as they

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Honor for Achievement
Dr. A. A. Price left, dean of the School of Veterinary Medicine is pictured with students of veterinary medicine who have received awards for achievement. The first four received Faculty Awards of Merit as the outstanding student in their respective class. They are, left to right, Robert Lee Schwebel, first class; William Gerald Winkler, second year class; Sammie Edward Glass, third year class; and Joe David Ross, fourth year class. Tommie A. Hendard received the American Veterinary Medical Association Award for outstanding participation in student activities, and Edgar Joseph Baronne (right) received the Louisiana Veterinary Medical Assn.

For Early Detection

Important Cancer Findings Made By Zoology Professor

Earlier detection of cancer may be brought about through the findings of a scientist on the research staff here.

The cancer research of Dr. Frederick H. Kasten, assistant professor of zoology, has attracted the interest of the International Society of Cell Biology and he has been invited to prepare a review article for the society's annual publication, the "International Review of Cytology."

Kasten, a former member of the staff of New York State's cancer research institute (Roswell Park Memorial Institute), will review the progress made in staining aldehydes in body tissue sections. This staining process can be applied to a number of problems.

Through this research program, which is supported by grants from the Atomic Energy Commission and the National Cancer Institute, Kasten has discovered new methods of staining a certain chemical found within the nucleus of a body cell without staining the rest of the cell by using fluorescent re-

agents. It is in the nucleus of the cell where many of the chemical changes in cancer cells originate.

The stained nucleus is then irradiated by ultra-violet light which cause the dye used in the staining process to emit a visible light of a particular color and brilliance. By studying this light, Kasten hopes to be able to detect the very lowest concentrations of cancerous cells better than any existing methods.

He is now in the process of studying the chemical changes in cancer cells to determine if there are any differences in how these changes occur.

Quoting from material published by the American Cancer Society, Kasten stated that of the 10,000 cancer deaths each year in Texas, 3,000 or more could have been saved by early diagnosis and treatment. "About 60,000 could be saved each year in the nation," he said.

"Until a cure for this dread disease can be discovered, then the best approach to reducing the

high mortality rate appears to be early diagnosis," he said.

A native of New York City, Kasten received his B.A. degree in biology at the University of Houston and his M.S. and Ph.D. degrees in zoology from the University of Texas.

After two years at the Roswell Park Memorial Institute, he joined the Department of Biology in the fall of 1956.

He spent one summer taking a radioisotopes techniques course at the Oak Ridge Institute of Nuclear Studies and was on the research staff of the Department of Zoology at Columbia University last summer.

Kasten is a member of the Histochemical Society, which has a membership limited to scientists publishing in the field of tissue and cell chemistry. He also has membership in Sigma Xi, Phi Kappa Phi, the American Society of Zoologists, the American Assn. of University Professors and the American Assn. for the Advancement of Science.