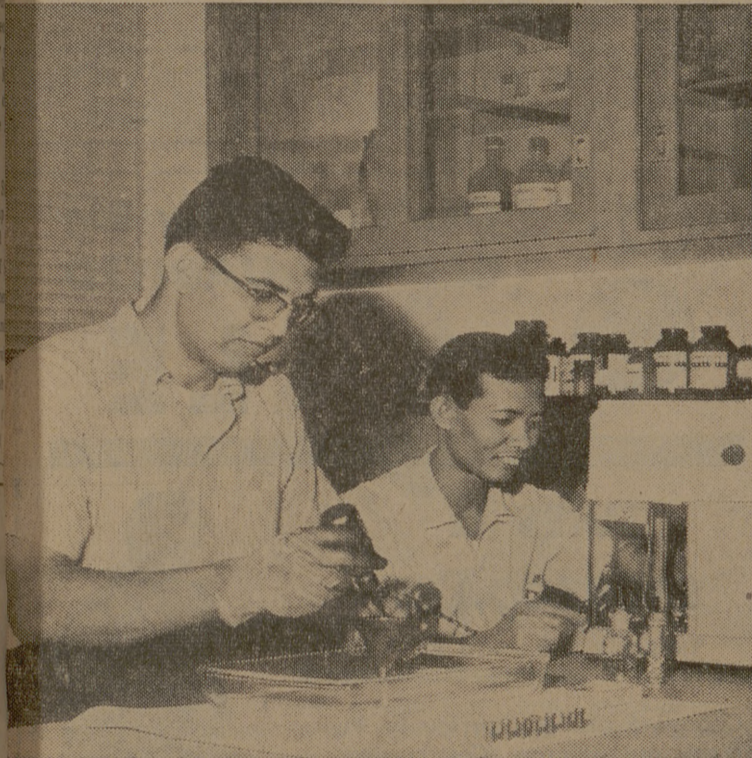


THE BATTALION

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International Teammates

Pedro Jimenez (left) and Ma-en To-On, chemistry graduate students are preparing "moon sample" materials to be used at the Activation Analysis Research Laboratory in developing a prototype miniaturized instrument to determine the elemental composition of the moon's surface. Jimenez is from Mission and To-On is from Bangkok, Thailand.

TWO GRANTS GIVEN

NASA Sponsors Study Of Moon

Research that may lead to developing an instrument capable of analyzing the elemental composition of the moon's surface is underway here sponsored by the National Aeronautics and Space Administration and the Division of isotope Development, Atomic Energy Commission.

To conduct the study an \$84,800 grant from NASA, supplementing a AEC grant of \$125,000, has been made to Dr. Richard Wainardi, director of the Activation Analysis Research Laboratory.

The first year's activity on this project is aimed at determining feasibility of remote automatic neutron activation analysis techniques for learning the elemental composition of the moon. It will involve use of A&M's nuclear reactor and the Data Processing Center by the Activation Analysis Research Laboratory.

Approximately 27 research engineers, scientists and graduate students will work on the project being conducted for NASA's office of lunar and planetary research and the AEC's isotope development division.

The project will include developing a prototype of a miniaturized analyzing instrument as well as formulating samples of artificial moon material—based on best estimates of probable lunar elements—for trial analysis.

"The grant for this project is used on techniques for computerized automatic activation analysis which were developed in the Activation Analysis Research Laboratory under sponsorship of the AEC during the past three years," Wainardi said.

Activation analysis is accomplished by exposing a sample of the material to be tested to neutron radiation. Such irradiation makes radioactive some atoms of the chemical present in the sample.

Each element then can be identified by its radiation characteristics. This method of analysis is used to identify and measure unknown elements in the sample or determine the concentration of substance known to be in a sample.

"Based on our best estimates of probable moon composition, the A.R.L. will develop samples of artificial moon material," said Morris B. Lee, project engineer of the NASA-AEC moon project. Making these materials will be chemistry graduate students Mean To-on of Bangkok, Thailand, and Pedro Jimenez of Mission, Tex.

These samples will be analyzed

Education Commission Plans Coeducation Study

Administrators Begin Meeting Here June 11

The School Administrators and Supervisors Conference, sponsored by the Department of Education and Psychology will be held on campus June 11-13.

Dr. Paul R. Hensarling, head of the department, has been named general program chairman for the conference.

Running concurrently with this conference will be the 37th annual Texas Association of County Superintendents Conference, and the 26th annual Texas School Administration Association Conference, according to Hensarling.

They will meet in several general assemblies to hear speakers from various parts of the United States and then conduct discussion group meetings.

"The Administrator-Supervisor Team: Supporting Excellence in Teaching," is the overall conference theme, Hensarling said.

A welcoming address will be delivered by Dr. William J. Graff, A&M's dean of instruction.

Students Must File For Degree By June 15

Applications for degrees are now being accepted in the Registrar's Office from all students who expect to graduate at the end of the current summer session (August).

Students who are expecting to complete the requirements for either a baccalaureate or advanced degree during the first term should call by the Office of the Registrar no later than June 15, 1962 and file formal application for their degree.

Graduate students must file applications in both the Registrar's Office and the Graduate Dean's Office.

Woman Prompts July 9 Meeting

A&M's policy of not admitting coeds during the long school terms will be brought to another test July 9.

The Associated Press reported Wednesday that the Texas Commission on Higher Education will make a study of the long-standing policy at a meeting one month from now.

Plans for the study resulted from a request made at a commission meeting Tuesday by Miss Elizabeth Koch, a commission member from San Antonio. Several commission members objected to discussion the matter.

"I believe women are the only things left in the state who being discriminated against," Miss Koch declared as she made the motion for the meeting.

The meeting comes after a short lapse from judicial proceedings that have turned down appeals from women seeking admission. The latest case was in May of 1960.

Since then, however, the subject has been brought to the front frequently. During the past winter, leaked reports of a partial Century Study report indicated that faculty and staff members of the council were in favor of coeducation.

Then in May the student body, in an informal student opinion poll asked for by the administration, voted in favor of admitting coeds. Other issues receiving favorable mention in the voting were a name change and the abolition of a compulsory Corps of Cadets.

Also in May both Brazos County winners for seats in the state House and Senate were making coeducation at A&M a plank in their platforms.

In the last judicial opinion rendered on the subject, the 10th Court of Civil Appeals in Waco turned down the request of a Bryan woman seeking admission on May 19, 1960.

The court judge, in his decision, wrote: "We think the trial court in Bryan correctly denied entry to this woman. We feel it is our duty to say that in the event she makes application for admission to A&M, she should be permitted to do so."

In ruling that women could apply for admission to A&M, a member of the attorney general's office said informally that he felt the judge had "left the door ajar" for future coeducation disagreements.

Batt Represented In Paris, France

(Editor's Note: Howdy, From Paris, France, is the first in a series of articles by J. Donald Deliz, a modern languages professor at A&M, which will appear weekly in The Battalion. Deliz left New York City earlier this week for Paris, France, where he will attend the University of Paris. While in gay Pary, our Battalion correspondent will make French tapes for use in classes next fall at A&M. Monsieur Deliz will tell the colorful aspects of Paris, our differences, and other human interest features. So look for this column each week as it will appear on the second page.)

By J. DONALD DELIZ ON THE WAY

We are aboard the thirty-nine ton S. S. ROTTERDAM, the luxury flagship of the Holland-American Line, steaming toward Le Havre. It is almost like a floating MSC. The departure this late afternoon was one in keeping with the idea that outer space is fine, but there is much to be said about this old planet Earth.



Leaving New York harbor at dusk was a sight that is not soon forgotten. The magnificent outline of steel and cement skyscrapers getting smaller and smaller as the ship gets out to the open sea is a view to strengthen the hearts of Americans, giving a warm feeling of power and majesty.

What kind of people are these fifteen-hundred passengers on this ship going to Europe? A lot of us think that the name luxury

liner means strictly rich people. This is just a name that still exists from the old days and refers to the type of service and not the people who use it. I look around me and see a lot of students, teachers and white collar workers. Most of them going over for the first time with the feeling that they are on the brink of a great experience. As soon as we left port, there was a great change in everyone. There is nothing like an ocean liner to bring out the old principles of liberty, equality and fraternity. The first thing was to go into the dining room for supper and choose a friendly looking group to sit with. From that point on it's friendshipville.

Every moment on board is crammed full of planned activity. In the evening in the auditorium, which is a fully equipped movie theater, there is a first run film. One night it is an American movie and the next one will be a European hit. There's dancing in the various lounges with a real live band. There are two pools, the indoor and the outdoor, where one can swim and sunbathe.

Then there are the shuffleboard and ping pong games and the possibility of a ship board romance, the dating being very easy since everything such as music, movies, dancing, swimming and games are free to all those on board.

The wonderful crossing lasts eight days. With all of these things given and such excitement being on board, it is a mystery to me why people go by air unless time is a pressing factor. Here are eight days of free chow and congenial company all for the same price as the air fare.

Well, I'll see you all next week with more on HOWDY, FROM PARIS, FRANCE.

Workers Begin Widening Main Bryan Street

Work began on Bryan Wednesday on a project to widen Main Street between its intersections with 23rd and 26th streets.

Workers Wednesday were removing street and traffic lights from the busy downtown area. Before the end of the week they will also remove all parking meters.

Heavy construction equipment will be moved into the area early next week under the supervision of contractor R. B. Butler of Bryan. The heavy equipment will be used to burst existing sidewalks up to within four feet of store fronts.

In addition Bryan's street department next week will remove the large yellow buttons from the middle of the street.

The construction, which will cost approximately \$130,000, is a part of the overall paving project in use in Bryan whereby private citizens and merchants provide a partial payment for improvements.

AWARDS PRESENTED

4-H'ers End Meet

The 4-H Club Roundup, held annually on the A&M campus, winds up today with final presentation of awards to various outstanding members, chapters and companies which have contributed to the 4-H Club aims.

The 4-H'ers, who have spent the last three days in dorms left vacant by the Corps of Cadets, have participated in numerous events and programs here. Among these are contests in public speaking, farm and home safety, tractor operation, soil evaluation, dairy foods judging, rifle marksmanship,

range management and forestry.

Members of the club also presented a program of skits, songs, dance routines, pantomimes and readings.

Among the various awards given throughout the Roundup, eight individual awards were given by the Texas 4-H Recognition Committee to Elmer Crumrine, president, Crumrine, Inc.; R. B. Dooley, head of the Department of Agriculture, San Angelo College; Carl D. Estes, Ward County judge; Glen Newton, South Texas Plains Cooperative; W. J. Parks, Comanche County

Electric Cooperative Association; S. C. Smith, S. C. Smith Co.; Steele Wright, president, Texas Farm Products Co.; and Angus Wynne Sr., of Wynne and Wynne.

The awards, presented by John E. Hutchison, director of the Texas Agricultural Extension Service, were for outstanding assistance to the 4-H movement in Texas.

Six companies which made outstanding contributions to the 4-H program were the recipients of awards also. Eugene B. Darby, chairman of the A&M System Board of Directors, presented these awards to Globe-News Publishing Co., Texas Electric Cooperatives Inc., United Pipe Line Co., Texas Gulf Sulphur Co., Transcontinental Gas Pipe Line Corp. and Sears-Roebuck and Co.

Summer Session In Progress After Registration Monday

Almost before the ink dried on final examination papers for the spring semester, long lines had formed for another registration session Monday.

Students for the first six-week summer session registered Monday, and classes began early the following morning.

Figures as to how many registered Monday have not been tabulated and will be released at a later date. Indications are that

the final number will be at least as high as previously, and quite possibly higher.

Summer enrollment normally totals between 2,000 and 3,000 students—both boys and girls.

Five dormitories are being utilized to house students. They are Puryear, Mitchell, Milner, Walton and Hart halls. Only ramps A through E of Hart Hall are being used, however.

Course In Progress

A special short course in geology fundamentals is being conducted in Tulsa by members of the Department of Geology and Geophysics.

S. A. Lynch, head of the department, said the course is being held for employees of the Jersey Production Research Co. of Standard Oil Co. of New Jersey. The three-week course is designed to fit the needs of research people.



4-H'ers Enjoy Rest Period

These four 4-H Club members from across the state relax during a break from their three-day meeting. The presentation of the state relax during a break from their numerous awards concluded the annual session. (Photo by Ronnie Fann)