Nutrition Meeting Due Tone Changes

Drastic changes in tone, format and organization are planned in A&M University's 1964 Nutrition Conference.

Program Chairman J. R. Couch, professor in the Departments of Poultry Science and Biochemistry and Nutrition, said the conference committee met after this year's conference in early October and drafted the changes.

About one and a half days of next year's program will be devoted to non-technical, current problems in the feed industry. Papers will be focused on business, management, industry trends, feed control, Food and Drugs Administration regulations, and practical aspects of feeding livestock and poultry.

"IT IS HOPED that the program change will arouse interest of an additional number of feed manufacturers, feed company service personnel, business and management personnel, hatchery servicemen, biologic sales and service men, and poultry and livestock producers," Couch said.

The last day of the conference will concentrate on technical papers along the lines of those presented for 18 years.

"Speakers will be carefully selected and will cover latest developments in livestock and poultry nutrition on a plane which will interest the trained nutritionist," Couch added.

HE SAID TIME will be set aside for question and answer periods and panel discussions.

"The fact that the A&M-Texas Christian University football game will be played Oct. 17 also will be of interest to those who plan to attend the conference," Couch pointed out.

Swimming Pool, Field House Get Sprinkler System

Installation of an underground sprinkler system to be controlled automatically by a time clock is presently under way around Wofford Cain Swimming Pool, and in shurb beds and curb panels in front of DeWare Field House, reported D. R. Thornton, superintendent of grounds maintenance.

The system, the eighth of its kind on the campus, will contain approximately 4,500 feet of polyvinylchloride plastic pipe at an estimated cost of $2,100.

Purpose of the automatic system is to provide more even water distribution, with less labor and more convenience. It will be controlled by an electric clock which will turn the system on in the early morning hours three times per week. Approximately one inch of water will be sprayed on the ground each week throughout the year.

The Physics Building and Guion Hall will probably be the next in line for the automatic system, said Thornton.

"Our goal is to water the entire campus by this means," added Thornton.

High School Band To Buy Uniforms

The A&M Consolidated High School Band will purchase additional uniforms and instruments with the $650 made from their band festival, reported Mrs. Joseph Brusse.

Mrs. Brusse said that approximately 425 people were served in the cafeteria during the festival last weekend and an estimated crowd of 750 attended the activities of the festival.

"We especially want to thank the Lions Club for supplying the games and all their other help," she said.

BSU Plans Social After Baylor Game

The Baptist Student Union will sponsor a fellowship Saturday at 7 p.m. following the Baylor-A&M University football game.

Featured at the social hour will be a magician and two female guest soloists. Concluding the program will be a songspiration and refreshments. Everyone has been invited to attend the fellowship at the Baptist Student Center.

West Point Delegates
John T. Rose and Gary L. Tisdale, right, have been chosen to represent A&M at the Student Conference on United States Affairs, Dec. 4-7 at the U. S. Military Academy at West Point.

Journalism, Batt Co-Op Plan Designed As Reporting Aid

Journalism students taking Reporting 201 new frequently see their articles in The Battalion.

This is the result of a cooperative program, designed as an aid to both journalism students and The Battalion and worked out between the Department of Journalism and the Office of Student Publications.

Originally started as a trial-run two years ago, the plan offers several advantages, including better opportunities for the students and increased efficiency for The Battalion, said Delbert McGuire, department head.

Previously, journalism students simply wrote practice or dummy, unpublished stories for writing experience in the course.

Now each of the 21 students is assigned an A&M department as a news beat.

If the student returns with a story deemed worthy for publication by the instructor, the article is taken to The Battalion for possible use.

The arrangement permits The Battalion to achieve broader news coverage than would be possible with its own staff, and allows the journalists more realistic training.

Already several aspiring Aggie writers are seeing their articles in print.

The new approach was approved officially by Jim Lindsey, head of the Office of Student Publications; Dr. Frank W. R. Hubert, dean of Arts and Sciences; McGuire and Dan Louis, editor of The Battalion.

Graduate Colloquium Series To Report Research Work

Research developments on the A&M University campus will be reported monthly in a new Graduate Faculty Colloquium series.

The first program is scheduled at 4 p.m. Oct. 31 at the Memorial Student Center, Graduate Dean Wayne C. Hall announced Wednesday.

Current research on livestock and livestock products by graduate faculty members of the Department of Animal Husbandry will be reported at the first colloquium.

"The university-wide colloquia will provide opportunities for researchers in the many areas of graduate study on the A&M campus to exchange ideas and to learn something of the progress being made by other researchers," Dean Hall said.

A&M faculty and staff members are conducting research on projects encompassing a wide range of subjects and specialties.

The colloquia plans have been discussed almost a year with the approval of the Academic Council.

Graduate faculty members and graduate students are invited to each colloquium. Coffee will be served prior to the hour-long report period with time allowed for questions.

Genetics Utilizes Computers As New Program Matures

BY PETE W. JACOBY
Battalion Special Writer

A new trail of genetics work is being blazed on the A&M campus. Conducting this program are three geneticists, Dr. John D. Williams, Dr. James D. Smith, and Dr. Roy C. Fanguy.

This new program, started in 1962, utilizes an electronic computer to stimulate biological populations. Using the IBM 709 computer in the Data Processing Center, a prediction of actual field test is simulated. Computations can be conducted for virtually all types of animals from microorganisms to large farm livestock.

The most important factor that the electronic computations play is the potential savings of time, money, and effort.

By studying gene frequencies, the minimum number of animals required to carry on an experiment can be determined. This fact is also important in reducing costs of actual field experiments by eliminating a number of test animals on feed.

A recent computation required 21 minutes to simulate the probable genetic behavior of a population which took 14 years of actual field tests to determine. Another computation produced probable results of 10 populations carried through 10 years in the short time of 51 minutes. Dr. Smith said that actual experiments of a comparable nature would cost in excess of $80,000 to perform.

However, disadvantages occur in the electronic program. One setback is the inability to produce the exact genetic behavior.

Boys Scouts Discuss Trip

Older Scouts of the Arrowmoon District, which includes Bryan-College Station and the Hearne areas, and their parents are invited to meet at 4 p. m. Sunday to hear of plans for a district-wide expedition to Philmont Scout Ranch, N.M.

A sound and color movie showing adventures of a typical Philmont expedition will be shown during the meeting to be held in Room 146 of the Physics Building on the Texas A&M University campus.

Plans for the meeting were announced Wednesday by Don Young, district camping committee chairman, and Coleman Loyd, veteran Scouter and a leader of the 1961 Philmont Expedition from this district.

Invited to attend are all Explorer Scouts and their parents and also all Boy Scouts who will be 14 years of age by Sept. 1, 1964, and their parents.

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THE BELL TELEPHONE COMPANIES SALUTE: MORRIS JOHNSTON

"Pioneering in the space age," is the way Morris Johnston (B.A., 1957) describes his job as Data Sales Manager of Southwestern Bell.

Morris's job is a new one with the Telephone Company, brought about by the mushrooming growth of computer-processed business data, and the need to distribute this data quickly to widespread locations.

Morris came to his present position from the manager's job at Waxahachie, Texas, where he was responsible for all commercial operations. Now, as Data Sales Manager in Dallas, Texas, he is helping to pioneer the development of this new business method—a communications system for computers. To be a part of this development in the pioneering stage is both challenging and rewarding.

Morris Johnston, like many young men, is impatient to make things happen for his company and himself. There are few places where such restlessness is more welcomed or rewarded than in the fast-growing telephone business.

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