LIFT FOR FLOOD VICTIM S. Coast Guardsman lifts Mexican girl into Coast Guard licopter as she and 16 others are rescued from farm near tamores, Mexico. Flooding Rio Grande river threatened Christ in their home. (AP Wirephoto)

Rev. Freuk Office Of Continuing Education Covers Wide Area Of Courses recent 12t

mpus serves adults and youths ark in Idaho. are not seeking college cred-

NBERG

leaders

Universit

and Cour

ssed.

e Rev. C.

of the Cros

ear in 19

10 protest

Boy Scouts

cal Extens

s Agricult

Departm

rogram, and

ram."

persons.

sure."

history, his

is, etc.; an

o care fo

, he empha

the morning

S A&M, sale The Office of Continuing Edusters and lay on helps sponsor line up cond to atten ences for groups of far-rang-000 for an annual 4-H Round- goose

Popularity of continuing eduon, and con rs. Upwards to 75 conferces now attract as many as workshops. 000 persons annually. These ures do not include more than conferences conducted off ampus for as many as 5,000 per-

e Man sted 21 short courses in 1939 ith 6,939 persons attending. But

the Colorado Poison Safety ox, speaking To Be Subject the human At Weed Study

ames W. Hammond, industrial giene director for Humble Oil ad Refining Company, Houston, category, the address an industrial weed untrol conference here Oct. 23-24. tor to handle Hammond's topic, "Herbicides afety and Toxicology," was anthe recreabunced by Dr. Wayne G. Mchilosophy to ully, associate professor of nd day of the lange

A registered professional engid Parks Deer, Hammond is a past presiof the Gulf Coast Section of ference is to American Industrial Hygiene ers and tech ociation. He is a member of accelerated Air Pollution Control Associam, American Water Works Askills. Enrolliation and a former mayor of University Place.

HAMMOND HAS a master's he group no gree from Mississippi State com the basic iversity. He also is a diplowhich is re ate of the American Academy ecreation adan ideal posi Environmental Engineers. Dr. McCully said the confer-

d about the ce will emphasize practical asets of industrial weed control. esources into mels are scheduled for selective n relation to ed control, soil sterilization and natic weeds and drainage

Another featured speaker will areas stra-Dr. F. Leonard Timmons, weeds stigation leader in aquatic noncrop areas for the Agritural Research Service, USDA, ortant in the ant Science Division, University Wyoming. He will discuss the ibility of pollution of water applied herbicides.

REPRESENTATIVES of chemcompanies and formulators describe industrial weed conproducts. Displays of prodts and equipment will be ex-

One of the busiest offices on Texas Farmers Short Course, a forerunner of today's 4-H Round-

PRIOR TO that time a number of short courses were staged, many of them no longer in existence. The Ice Manufacturers Assize - from seven for an sociation is one of the sessions welding seminar to more than which went the way of the wild

Meetings today vary from the Texas Tennis School to supervision has grown through the ory courses, justices of the peace seminars and air pollution control

Actually, the Office of Continuing Education is only four years old, having been established in 1963 to fill a need cited by A&M's Century Study of 1962. That Earliest records show A&M study called for a quality coninuing education program which offers a service to a community gle to figure tore than half that number at-or an individual to give convinc-rogram, as raded a single get-together, the ing evidence of A&M's partnership in the welfare of Texans.

Philosophy of the program is to encourage meetings of educational and professional societies at Aggieland.

A BOON to regional meetings at A&M has been the installation of air-conditioning in dormitories, says Bill Hensel, coordinator of continuing education facilities. But air-conditioned dormitories also have helped push summer school enrollment up, creating a scheduling problem.

Hensel hires part-time help to aid conferences with registration, receipts, typing of name tags and selling luncheon tickets.

'Our aim," Hensel pointed out, "is to relieve the sponsor of the J. Potts, regional medical direcdetails and mechanics of a conference, allowing him to give full concentration to the program."

"The hair-pulling time comes when you try to estimate how many people will attend a meal," he added. "And weather is always a factor. Expected enrollment dwindles on the day a hurricane is predicted to hit the Texas Coast. Ice storms put crimps in conference plans.

AMONG THE oldest conferences staged at A&M are the Texas Water and Sewage Works Association course, which held its 49th annual meeting this year, and the Highway Engineers Short Course which recently met for the 40th time.

Ninety per cent of all conferences booked by the Office of Continuing Education are staged in A&M's Memorial Student Center. It has 64 hotel rooms and can house a maximum of 150 if rollaway beds are pressed into

"Dealing with all sorts of people is the most interesting part of this job," Hensel commented. "We have all sorts of emergencies arise such as the need for projectors or sound equipment, but these problems are usually ted throughout the conference. quickly solved by our personnel."

ALION Thursday, September 28, 1967 A&M Scientists Don't Fit Generally-Accepted Image

obscure garret should be retired to the album. It was never very accurate, anyway.

The new view in research is the "interdisciplinary" approach. It's the teaming-up of scientists from different fields of study to solve a particular problem.

This approach is becoming more evident at universities throughout the United States, including Texas A&M, where it's being used on problems ranging from space capsules to statistics.

"Exhaustive studies have been made on what the federal government gets for its research dollar and they show it gets relatively little from individuals," says Har ry Whitmore, director of Texas A&M's Space Technology Division which is heavily engaged in interdisciplinary projects.

SOMEWHERE between the concepts of "two heads are better than one" and "too many cooks spoil the soup," lies the payoff. The Manhattan Project, the team effort which built the first atomic bomb, is one example.

"Oddly," says Whitmore, "most universities are incapable of taking on these jobs because they aren't structured to do it."

In many cases—and this was once true at A&M-one scientific subject may be under research at a number of places on a campus with little communication among the separate researchers.

"Although it may jump traditional boundaries within universities, the process of unifying research is mandatory today," says

ONE EXAMPLE of interdisciplinary unification at A&M is work on "Project Themis," a program funded by the Department of Defense to discover better ways of design and management of processes and projects. "Optimi-

BA Conference Begins Oct. 22

A management seminar sponsored by the School of Business Administration is set here Oct. 22-28, announced W. E. Eckles, executive development programs director.

Eckles said the seminar is expected to attract approximately 30 executives from throughout the Southwest.

Guest speakers include William Oncken Jr., president, William Oncken Associates, New York City; Edward J. Green, president, Planning Dynamics Inc., Pitts-burgh, Ja.; J. W. Miller, vice president, Employers Casualty Insurance Company, Dallas; and L. D. Collins, operations vice president, Central Power and Light Company, Corpus Christi. Other speakers are Dr. Robert tor, Mobil Oil company, Dallas; D. B. Campbell, former manager, Plastics Department, Sabine River Works, DuPont Inc., Orange;

Texas A&M. Among topics are goal-oriented management, communications, organization, planning, decentralization and performance evaluation, decision making and establishment of effective controls.

and Dr. J. P. Abbott, distin-

guished professor of English,

Knebel, Holcomb **Attend Seminar**

Dr. Earl Knebel and John Holcomb of the Agricultural Education Department are in Chicago this week attending the National Seminar on Vocational-Technical Teacher Education.

The session will explore fresh approaches in the education of vocational-technical teachers who will be preparing students for new and changing occupations.

Knebel said seminar participants will analyze results of recent research, experimental programs, and new developments in teacher education

The picture of the lonely scien- zation" is the work and both mented. Now, through molecular tist clutching a test tube in an theoretical and "practical" disci- and cell biology, all disciplines plines are involved. Another part come together." of "Project Themis" is a program of subjective weather forecasting for localized areas and here

> to arrive at the answers. If "optimization" sounds a little stuffy, consider a case in point where a research team picked an existing design of the tail of a well known airplane, reworked it using the figures for some new materials, and came up with a design which showed it could be

meteorologists team with statisti-

cians and computer technologists

made stronger or lighter. NOT ONLY in the physical sciences does the interdisciplinary team approach seem to work well, but it appears the biological sciences are headed toward some form of unification.

This year, Texas A&M established a new Institute of Life Sciences which aims to bring together the various splintered disciplines of biology.

The institute's director, Dr. J. van Overbeek, declares: "Modern biology differs a great deal from the old biology, which was frag-

For instance, hormones in both plants and animals are being studied side by side with the old botanist fading.

In one sense, the history of science shows that few great discoveries were truly individual. Einstein used the physical observations of Michelson and some of the mathematics of Lorenz in his

"You can't take 15 professors and say 'Go do research'," notes Whitmore. It requires the services of a person who may not be a specialist in any of the particular fields but who knows enough about each to act as a catalyst, or mediator to keep the effort from being splintered in 15 different directions.

Whitmore says it all adds up to this: It is probable that more knowledge has been gained in the past decade than in all the ages past. In the succeeding decades, the important discoveries are like ly to be made by multi-specialist

EG Profs Publish Problems Book

A basic problems book prepared by Texas A&M's Engineering in charge of engineering graph-Graphics Department has been ics, said the content is structed published by the Addison Wesley to serve as an introductory Company of Reading, Mass.

Contributors include James H. Earle, Samuel H. Cleland, John placed on utilization of graphics P. Oliver, Lawrence E. Stark, Paul M. Mason, North B. Bardell and Michael P. Guerard.

Dr. Earle, associate professor course in the general field of engineering. He noted emphasis is as a vital part of the creative process rather than merely as a communication medium.

studied side by side with the old distinctions between zoologist and Read Battalion Classifieds



BUSIEK AGENCY

REAL ESTATE • INSURANCE F.H.A.—Veterans and Conventional Loans

FARM & HOME SAVINGS ASSOCIATION Home Office: Nevada, Mo.

3523 Texas Ave. (in Ridgecrest)

CASA CHAPULTEPEC 4 DAY SALE THURS., FRI., SAT., SUN.

Fiesta Dinner Guacamole Salad, Beef Taco, Three Enchiladas, Beans, Rice, Tortillas and Hot Sauce, Candy.

Regular

\$1.50

OPEN 11:00 A. M. CLOSE 10:00 P. M.
1315 COLLEGE AVENUE

TACO DINNER Two Beef Tacos, One Chili Con Queso, Guacamole Salad, Tortillas and Hot Sauce, Dessert.

Regular \$1.25

PHONE 822-9872

The stone Inniversary ttractions

Tremendous selection of sizes and types. New tires, retreads and used tires...nylon or rayon cord, tube-less or tube-type, blackwalls or whitewalls...you name it!



Anniversary Offer

Hundreds of certified A-1 used tires with thousands and thousands of miles left.

Anniversary 4 Offer



Includes hundreds of brand new Firestone Tires and Firestone Retreads.

FOR

Anniversary Offer



quality new tires—all Firestone including both new '67 and discontinued '66 design.

Hundreds of other fine

Plus \$1.55 to \$2.56 Fed. excise tax

NO MONEY DOWN...Months To Pay!

FRONT FLOOR MATS



Door-to-Door · Heavy-duty rubber

· Black, white, blue, green, red

49 Each Limit two per

Additional \$2.50 each SAFE SERVICE OFFER

Front End Elignment Front Wheels Balanced Brake Adjustment

No Money Down

Most Cars Parts Extra

FIRESTONE STORES

Did You Know These Facts About Checks?

- 1. They are your best record of any monetary transaction.
- Checks drawn on local banks are more readily cashed.
- 3. University National Bank is within walking distance of the campus.

el Garrison the National Philadelphi narp of Der regional d of Outdoor

vear UTILES nens wear

YOU? ntage ow.