

# Agriculturist Blasts Foreign Aid Programs

Primitive farming in certain countries is a balanced and stable system and does not always need "improvement," an Alabama State University agriculture professor said here Monday.

Dr. Jack R. Harlan, plant research geneticist and a speaker at the annual Agricultural Convocation, said that just because a system is primitive does not mean that it is bad or unproductive.

"Just because it is primitive and our farming is advanced does not mean that it will be easy for us (through assistance programs) to improve the primitive system," he said. "On the contrary, the very stability and durability of the system suggests that beneficial changes will be difficult to introduce without serious risk of upsetting the balance and courting disaster."

Harlan spent three months touring certain areas in Africa, the Near East and southern Asia in 1960. His convocation subject was "Agricultural Perspectives."

The convocation is an event sponsored by the Student Agricultural Council in which a guest speaker discusses some phase of agriculture with the faculty, students and guests.

Harlan said the famous American "know-how" is largely confined to mechanization, marketing and services.

"AMERICAN experience is generally inadequate and too irrelevant to cope with the problems of subsistence agriculture," he said.

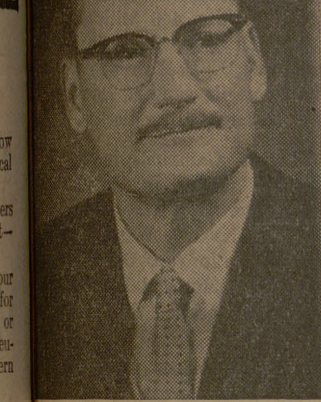
The scientist suggested that agricultural colleges can do a better job of preparing foreign service personnel by emphasizing such basic sciences as botany and zoology. Languages are important.

The humanities also need more emphasis, he said.

"IN FACT, A liberal arts major could probably learn agriculture as readily as an agriculture major could learn the liberal arts necessary to do a good job on a foreign assignment," the speaker pointed out.

Harlan said a weakness of American college training is that land grant institutions have never taught agriculture from a world point of view.

"They have taught our own specialized, limited and sophisticated agriculture, but most of our graduates have never heard how most of the people of the world do their farming," he said.



DR. JACK R. HARLAN

## A&M To Have Seven Attend Library Meet

A&M will have seven participants at the 50th annual conference of the Texas Library Association. The golden anniversary meeting Thursday through Saturday at Dallas has the theme, "Texas Libraries, 1980—The Challenge of the Future."

Plans for the Cushing Memorial Library expansion program here will be part of a display of libraries under construction or being charged.

Director Robert A. Houze and Miss Mayme Evans, documents librarian, will chair meetings. As chairman of the association's legislative committee, Houze will preside at a joint meeting of the committee and the development group.

Miss Evans will preside at a meeting of documents librarians. Also attending from A&M will be Mrs. Lynne Phillips, Mrs. Nan Stewart, Mrs. Donna Stuart, Miss May McFrancis and Mrs. Dorothy Andrew.

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**Recently Selected**  
Edward J. Romieniec of Columbia University has been named head of the Division of Architecture. He will assume the position this summer. Romieniec, who taught here from 1956-60, will replace T. R. Holleman.

## Lecture Series Slates German Mathematician

One of the leading mathematicians in Germany is on campus Tuesday and will lecture on "Partitions into Unequal Parts." Interested persons have been invited to attend the Graduate Lecture at 8 p.m. in Room 146, Physics Building.

Dr. Hans-Egon Richert of the Mathematics Institute of the University of Gottingen is visiting under the auspices of the National Science Foundation and as a guest of the National Science Foundation's Academic Year Institute for Junior High School Teachers.

He is a native of Hamburg and received degrees from the University of Hamburg.

His special interest is number theory, including such subjects as prime numbers, evaluation of number-theoretical functions and the concept of density in the additive theory of numbers.

Richert is a member of the Deutsche Mathematiker-Vereinigung and the American Mathematical Society.

Fish frozen about 1,100 years ago have been found in Antarctica's Ross Ice Shelf. The specimens were in a remarkable state of preservation.

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## 11 A&M Profs Discuss Field Of Agriculture

Eleven A&M faculty members will be in Houston Wednesday to outline the field of agriculture to about 120 junior and high school counselors.

The team will be made up of three groups headed by Dr. A. B. Wooten, associate professor in the Department of Agricultural Economics and Sociology; Dr. Ruble Langston, professor, Department of Plant Sciences; and Dr. Ben Camp, associate professor in the Department of Biochemistry and Nutrition.

Wooten will lead a discussion on "What Is Modern Agriculture?," Langston, "What Are the Facilities Necessary for Preparing Young Men and Women for Careers in Agriculture?," and Camp, "What Are the Career Opportunities in Agriculture?"

Other members of the group are: Dr. Tyrus Timm, head of the Department of Agricultural Economics and Sociology; Dr. G. M. Watkins, director of Agricultural Instruction; Dr. R. C. Potts, assistant director of Agricultural Instruction; Dr. Richard Baldauf, associate professor, Department of Wildlife Management; Dr. Page Morgan and Dr. R. S. Halliwell, assistant professors, Department of Plant Sciences; Dr. R. L. Skrabanek, professor of rural sociology; Dr. Ernest Smerdon, professor of agricultural engineering.

Talks will be illustrated with slides, charts, movies and demonstration equipment.

The session is set for 8:30 a.m. noon in the Testing Center Auditorium, 1500 Louisiana, next to the YMCA Building.

## Reiser To Speak At Lecture Series

"The Jewish Faith in Relation to Scientific Discoveries" will be discussed at 7 a.m. Wednesday in another of the Faculty Christian Fellowship programs in the All Faiths Chapel. Dr. Raymond Reiser of the Department of Biochemistry and Nutrition will be the speaker.

Coffee and doughnuts will be served at the YMCA Building following the program.

## A&M Entomologist To Assist In Study Of Biological Clocks

THE PRINCETON professor has studied time measuring ability of many animals, from one-cell organisms to mice.

Adkisson is interested more in the practical application of biological clocks in order to control such crop-bothering insects as the pink cotton bollworm.

Menaker, whose primary interest lies in photoperiodism and diapause (hibernation), is conducting research with the oriental fruit moth.

Funeral services for George W. Johnson, 77, were held Tuesday morning at Hillier Funeral Home chapel with the Rev. W. Morris House, First Methodist Church, officiating. He died Sunday night.

Johnson was born Jan. 13, 1886 in Panola County and was one of the first county agents in the Texas Agricultural Extension Service. He resided at 2204 S. College Avenue in Bryan.

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## Assignment: build the "grease gun" into our cars

Like Mohammed, they went to the mountain—Bartlett Mountain on the Continental Divide in Colorado. More molybdenite is mined there than in the rest of the world combined. And from molybdenite ore comes the amazing "moly" grease that helps extend the chassis lubrication intervals for Ford-built cars. This grease sticks tenaciously to metal, stands up under extreme pressures and resists moisture, pounding and squeezing. It is slicker than skates on ice!

New, improved seals were developed. Bushings, bearings and washers of many materials were investigated. Slippery synthetics, like nylon and teflon, were used a number of new ways.

The search for means to extend chassis lubrication also led to New Orleans—where experimental suspension ball joints tested in taxicabs in regular service went two years without relubrication.

It took time. And ingenuity. But the effort paid off when Ford-built cars were the first to build in chassis lubrication good for 30,000 miles or two years—whichever came first.

Another assignment completed—another "Ford First" and another example of how Ford Motor Company provides engineering leadership for the American Road.

## Highway Engineers Use Aerial Maps

The use of aerial maps as an aid to geologists working with highway engineers was cited here Friday by a Texas Highway Department engineer Hubert A. Henry of Austin was speaking to the fourteenth annual Highway Geology Symposium national conference.

Approximately 75 highway engineers and geologists attended the one-day meeting on campus. They exchanged ideas on highway construction and maintenance.

"ONE OF THE fastest growing operations in the department" was the description given by Henry to the joint operation of the geology and photogrammetry sections of the highway design office of the Texas Highway Department.

Field work in geology remains as important as ever despite the increasing use of aerial photos, Henry reported.

"We are only trying to eliminate some of the detail in field work," he said.

Another speaker warned that paying insufficient attention to geological factors in highway construction can lead to "engineering disasters." The warning came from Adrian Pelzner of the U.S. Bureau of Public Roads, Washington, D.C.

THE SYMPOSIUM attracted men from 14 states.

S. A. Lynch, head of the Department of Geology and Geophysics, served as chairman of the meeting.

Visitors were welcomed by Dean of Engineering Fred J. Benson and Henry, who spoke for the state highway department.

The symposium was sponsored by the Texas Transportation Institute, the Department of Civil Engineering and the Department of Geology and Geophysics, all of A&M, the Texas Highway Department and the Texas Bureau of Economic Geology.

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