

People To People Sponsors Contest

International friendship in action is the subject of a nationwide college photo contest announced by People-to-People according to Cassie Wild, chairman of the University chapter.

Only students enrolled in colleges and universities that have People-to-People chapters are eligible to enter the contest, the chairman said. A Rollei Honeywell Roliflex T camera and an award certificate will be presented to the photographer who submits the photograph that, in the opinion of the judges, best depicts international friendship.

Photos also will be judged on print quality, ingenuity, emotional content and photographic excellence. Other prizes will include two Honeywell Pentax HiA cameras and a Honeywell Strobonar 65C electronic flash unit in addition to award certificates.

Miss Betty Leavitt, picture editor of Look magazine; Yoichi Okamoto, chief of the Pictures branch of the Press and Publications service, USIA; and Clifton Edom, professor of photojournalism, University of Missouri School of Journalism, and founder and adviser of Kappa Alpha Mu, photojournalism honor fraternity, will judge the entries.

Deadline for mailing entries is Dec. 15, 1964; winners will be notified during February, 1965. In addition to the four top prizes, 25 honorable mention certificates also will be awarded.

Rule sheets and entry forms are available from People-to-People chapter members on campus.

Rainmakers Meet For Conference On Meteorology

A group of really down-to-earth weathermen from across the nation met a three-day conference on agricultural meteorology today at the Nebraska Center for Continuing Education.

The meeting is the sixth annual Conference on Agricultural Meteorology of the American Meteorological Society.

These men are not really weathermen, they are meteorologists, but unlike the majority of meteorologists of the U.S. Weather Bureau, their interest in conditions in the upper atmosphere is only incidental.

They are primarily interested in an area from about six feet above to about one foot below the ground.

These members of the society are working in agrometeorology—the climatic conditions that affect the growth of plants.

Two University scientists are in charge of arrangements and members of the program committee. They are Dr. William Colville, associate professor of agronomy, and Dr. Norman Rosenberg, assistant professor of horticulture and forestry.

Also on the program committee are Richard Meyers of Lincoln, state climatologist with the U.S. Weather Bureau; George Robertson of Ottawa, Canada, chief of the agrometeorological section, Central Experiment Farm; Robert Dale of Ames, Iowa, U.S. Weather Bureau; and Wayne Lecker of the University of Missouri.

Scientists from across the nation and Canada will present 42 papers at the conference.

Campus Calendar

TODAY

U.C.C.F. 11:30 a.m. Pawnee, Student Union.

PLACEMENT OFFICE 12 noon, 240 Student Union.

COUNTRY WOMENS CLUB 12:30 p.m. 241 Student Union.

PROFESSORS EMERITI 1 p.m. 232 Student Union.

QUIZ BOWL COMMITTEE 3 p.m. 332 Student Union.

PEOPLE TO PEOPLE Student Ambassadors, 3:30 p.m. Pawnee, Student Union.

ASSOCIATION OF BUSINESS OFFICERS, 4 p.m. 241 Student Union.

PEOPLE TO PEOPLE publicity, 4:30 p.m. Party Room Student Union.

YOUNG REPUBLICANS Go Girls, 4:30 p.m. Party Room Student Union.

PEOPLE TO PEOPLE Social, 4:30 p.m. Conference Room Student Union.

AWS COURT 4:30 p.m. Conference room Student Union.

UNION Music Committee, 4:30 p.m. 232 Student Union.

UNION Contemporary Arts, 4:30 p.m. 234 Student Union.

UNION Trips and Tours 4:30 p.m. 235 Student Union.

YWCA CABINET 4:30 p.m. 332 Student Union.

YWCA Jr. CABINET, 4:30 p.m. 334 Student Union.

AUF Speaker Education, 4:30 p.m. 345 Student Union.

AWS House of Representatives 4:30 p.m. Pan American Student Union.

ALPHA LAMBDA DELTA Pledging 4:30 p.m. Pawnee Student Union.

TALENT FOR TEACHING 4:30 p.m. 200 Teachers.

ASSOCIATION OF BUSINESS OFFICERS DINNER, 6 p.m. 240 Student Union.

AUF 6:30 p.m. 334 Student Union.

CORNHUSKERS Pictures 6:30 p.m. Pan American Student Union.

QUIZ BOWL, 7 p.m. Conference rooms, Student Union.

YOUNG REPUBLICANS 7 p.m. 232-4-5 Student Union.

ALPHA PHI OMEGA 7 p.m. 332 Student Union.

JR. PANHELLENIC 7 p.m. Pawnee Suite Student Union.

ARNOLD AIR SOCIETY Interviews, 7 p.m. 241 Student Union.

UNIVERSITY DAMES 7:30 p.m. Auditorium-Party Rooms Student Union.

DIVISION OF STUDENT AFFAIRS, 7:30 p.m. Student Union Ballroom.

LAMBDA TAU 7:15 p.m. 340 Student Union.

MATH COUNSELORS PROGRAM, 7:30 p.m., 349 Student Union.

WORLD SERIES, 11:45 a.m. Union Auditorium and TV Room.

—Romania Or Bust— Agronomists Attend Soil Congress

"Friendly and very cordial," is the description of the Romanian people given by three University staff members who visited there recently in conjunction with the Science Congress.

Dr. Robert Olson, Dr. Thomas McCalla and Dr. Andrew Mazurak of the agronomy department at the College of Agriculture and Home Economics agreed that the Romanian government had gone to much effort to make the soil congress and the visit to their city a success.

The soil scientists were entertained with a palatial state banquet in their honor, a symphony, a folk show, an opera and were allowed to tour Bucharest freely.

The scientists said only a small majority of Communist scientists were among the 1,500 scientists from 91 countries attending the congress.

However, they were allowed a free interchange of ideas with the scientists and enjoyed several lengthy conversations, these scientists were the most relaxed Russians I have ever seen or spoken to," Olson said.

While in Romania the soil scientists toured a large collective farm outside of Bucharest — a highly developed

farm for producing food and processing it as well. The 100-000 acre farm had approximately 4,000-5,000 people living on it. About 60 per cent of the farm workers were women.

"The collective system of farming looked quite inefficient to me with its basic lack of incentive for getting any task done," Olson said.

"The Romanians seem to be quite artistic and have many beautiful parks and flowers," McCalla said. "Bucharest is being maintained as a showplace with the palaces, parks and national museums.

"I also noticed that the streets of Bucharest were continually filled with people who were walking and window shopping," McCalla added. Their main forms of transportation are streetcars, buses, walking and horse-carts.

Before going to Romania, Olson and Mazurak spent two weeks in Russia, while McCalla toured Western Europe. "Romania doesn't look anything like Russia," Olson pointed out. "The human atmosphere is entirely different."

"The Russian countryside

includes some of the finest land I have seen anywhere in the world. But the agricultural development doesn't approach that existing in Nebraska. Shortage of fertilizer, insecticides, herbicides and ineffective soil water management appear to be major reasons for the difference."

Olson added that the crops in Russia were doing quite well this year by Russian standards and that there would be no large wheat imports as were required last year.

The visitors traveled about 1,500 miles by bus from Moscow to Kherson on the Black Sea. While in southern Russia, Olson and Mazurak noted huge orchards of peaches, apples and pears. "There was an abundance of fruits, but an obvious need for insecticides," Olson said.

"While in Russia, we were shown some of their hydroelectric plants on the Dnieper river which include some of the largest in the world."

"We also visited the Moscow exposition, which is similar to the World Fair in New York. It is a fantastic permanent display of all of the Russian products," Dr. Mazurak said.

Bookstores and places of culture — opera houses, museums, children's theaters — were noticed to be quite common in Russia as were television antennas. Huge apartment construction goes on everywhere, but gas stations are few and far between.

NHSPA Meet Set November 6

The 23rd annual convention of the Nebraska High School Press Association will be held at the University Nov. 6th.

Representatives of 60 to 70 Nebraska high schools are expected to attend the convention, according to James Morrison, NHSPA executive secretary and assistant professor of journalism at the University. Reservations must be made by Nov. 1.

Two School of Journalism staff members will address the high school students. B. Neale Coppel will speak at the All-Journalist Luncheon Nov. 6 and A. C. Book will address the students at the evening banquet. Awards for outstanding high school newspapers and yearbooks will be presented at the banquet.

The convention is sponsored jointly by NHSPA, the University's School of Journalism and the Nebraska School Activities Association.

Sorenson Appointed Assistant Professor

Dr. Robert Sorenson has been appointed assistant professor of agronomy, according to Dr. Donald Hanway, chairman of the department of agronomy.

Sorenson earned his B.S. and M.S. at the University in 1955 and 1957, respectively. He earned his Ph.D. from Iowa State University this year.

He was a graduate assistant and instructor here, and a graduate assistant at Iowa State University for six years.

Sorenson is a member of the American Society of Agronomy, Sigma Xi, Gamma Sigma Delta, Alpha Zeta, and the Reserve Officers Association.

Narrow Rows Water Corn Of The Future

Irrigated corn in the future will be produced in narrow rows to get top yields and to increase water use efficiency.

This was the prediction of Dr. D. G. Hanway, Chairman of the Agronomy Department of the University in a report on irrigation research pertaining to corn production in Delavan, Wis.

Corn is an efficient crop for storing the sun's energy in grain, he said. But much of the sun's energy striking a cornfield is used up in evaporating water.

During the growing season about 50 per cent of the water lost is transpired by plants, Hanway pointed out. The other 50 per cent evaporates directly from the soil. Water equivalent to a layer from 16 to 25 inches deep is used from the surface of the entire acreage in producing each year's corn crop, he said.

Research shows that planting relatively high populations in 20 inch, rather than 36-40 inch, rows will intercept more of the sun's energy and reduce evaporation from the soil surface, conserving moisture for use by the plant, Hanway said. The open pattern of a check-rowed field, in contrast, allows a maximum of sunlight to reach the soil, evaporating more water at that level.

To be explored further are indications that the pattern of planting and the plant and leaf architecture of different hybrids may actually influence the proportions of the sunlight absorbed and reflected in a field, Hanway reported.

Increasing the efficiency of water use in agriculture is exceedingly important as population pressures on water supplies increase, Hanway said. This is vital to the economy of irrigated areas. The principle, however, applies equally to more humid areas, representing an opportunity for still more efficient production of feed and fiber, he said.

Water is the vehicle for getting fertilizer elements into plants, he explained. As the plant transpires, it establishes a suction or tension that moves water from the thin films around soil particles to the root surface. The water thus moves dissolved plant nutrients into a position where they can be absorbed.

Roots neither grow in dry soil nor can they take up nutrients from dry soil, he said. Irrigation practice, therefore, controls more than the availability of water. It influences root growth and controls nutrient uptake of plants.

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