

Dr. Colbert Held

Compact Telecourse Teaches Geography

By BEVERLY DEEPE Staff Writer The unconcerned busy-ness on the cameraman's face after a subtle quip instead of the expected laughter — the desperation of sketching on a map with a pen containing no ink—the uneasy ad-libility when the script indicates nothing more to say and the clock says 3 minutes to go.

These are some of the unusual situations Dr. Colbert Held has encountered on his telecourse, "Geography of Europe," aired Monday and Wednesday from 11 a.m. to noon over KUON-TV.

The first six sessions dealt with the people, climates, minerals, vegetable belts and soil regions.

After Thanksgiving, the instructor of political geography will discuss and show slides of Norway, Sweden, Great Britain, the Benelux countries, Italy, Germany and the Balkans.

Ag Research Begun On Egg Deterioration

A new research project on the deterioration of eggs is being studied by the department of biochemistry and nutrition.

The research, supported by the U.S. Department of Agriculture, is being handled by Dr. Robert E. Feeney and Mrs. Donald Jones.

The department is continuing studies of the former departments of agricultural chemistry and chemistry as well as developing new projects which include the egg quality study.

Under the chairmanship of Dr. Feeney, the department works in co-operation with the poultry department at the College of Agriculture on the egg problems.

Two Groups Sell Christmas Cards

Cosmopolitan Club and the clinicians of the speech and hearing laboratories are now selling Christmas cards depicting three winter scenes of the campus.

Profits from sales will be divided between the activities fund of Cosmopolitan Club and the Lancaster Society for Crippled Children.

The cards are on sale at Peden's Book Store and Room 102 Temple Building.

Orchestra To Give Beatrice Concert

The University Symphony Orchestra will present a program for the Nebraska Music Educators annual Festival in Beatrice at 8:30 p.m. Friday.

The concert will be given at the Civic Auditorium and is open to the public. Tickets may be purchased for 50 cents.

Sigurd Rascher, professional saxophone soloist, will play "Concertino di Camera," by Ibert, and "Arietta," by Wielouder, accompanied by the orchestra.

The orchestra will play "Overture Ruy Blas," Mendelssohn; "Elegie from Serenade for Strings," Tschalkowsky; "A Night on Bare Mountain," Moussorgsky, and "Prelude, Choral and Fugue," Bach-Abert.

Blood Donations

Donors of one pint of blood at the Veterans Hospital will be paid \$25. Donors must be men over 21 and may apply by calling Mr. Kollman, 2-7691, in the registrar section.

Donations will be accepted every Monday through Friday between 8:30 a.m. and 4 p.m., Van Westover, assistant to the Dean of Student Affairs, said.

explaining on the blackboard and later points out the locality on a wall map. He ends by outlining the region on a blackboard map. He has found difficulty when the pen contains no ink.

New Concepts, Facts In presenting his television program, Dr. Held attempts to introduce new concepts into his viewers' thoughts, to add new facts to the viewers' general fund of knowledge, to encourage greater appreciation of the earth's landscapes and to develop a deeper understanding of events that happen.

Dr. Held, holder of a B.A. and M.A. in theatrical work, has discovered some interesting, time-saving elements of his program which he believes in the future may revolutionize methods of teaching. He has discovered that he can present more material on a 30-minute telecourse than in a 50-minute class period.

Compact Course Considering that the telecourse started six weeks after classes began, that it is presented twice a week instead of three hours a week like regular three hour classes and that it will not be presented up to the end of the semester, Dr. Held feels he will still present as much material on his telecourse as is presented during a regular class duration.

"I like geography not because I am in it, but I am in it because I like it," Dr. Held said. After receiving degrees in theatrical arts and a Ph. D. in stage lighting, he received a Ph. D. in geography from Clark University in 1949.

While stationed with the Air Force in Italy during the war, Dr. Held became interested in the way people lived—how environment affects almost every phase of native life from architecture to customs.

Retirement Act Awaits Staff Vote

Julius Cohen, professor of law, was elected president of the Nebraska Chapter of University Professors recently.

Other officers elected were: Niles H. Barnard, professor and chairman of the mechanical engineering department, vice-president; Stanley T. Vandersall, assistant professor of classics, secretary; Edward B. Schmidt, professor and chairman of the economics department, treasurer, and Dudley Ashton, professor and chairman of women's physical education department, member of executive committee.

He pointed out that the University plans to continue the present retirement system in addition to Social Security coverage. Hicks stressed that currently the University contributes the least to staff retirement of any member of the Big Seven or Big Ten.

The resolution for the combination of Social Security and the present retirement system was unanimously adopted by the faculty and staff. The adoption is dependent on a majority vote by the faculty and staff in a referendum called for Jan. 18 under the orders of the Governor.

AWS Lists Rules For Holiday Leave

Women students leaving for Thanksgiving vacation before Tuesday morning must have special permission from their housemother, the Associated Women Students of Bard, has announced.

Students in the residence Halls for Women must be out by 7 p.m. on Tuesday, for the dorm will close then. Coeds who have night classes may get special permission to be in the dorm after 7 p.m. The dorm will open at 1 p.m. Nov. 28. Other organized women houses will set their own closing times.

Special permission must also be obtained if a coed plans to return to Lincoln after 11 p.m. Nov. 28.

Your Church

God Has A Place On Campus

By BABS JELGERHUIS Church Editor CONGREGATIONAL - PRESBYTERIAN FELLOWSHIP

Thursday — 8 a.m. the study group will discuss "The Faith of Modern Protestantism."

Sunday — 3 p.m., Sigma Eta Chi Silver Tea; 5:30 p.m. Rev. Verne Spindell will speak at the Forum on "What do Congregationalists Believe?"

Monday — 7 a.m. Bible study and breakfast. Students who return early from vacation on Sunday, Nov. 28 are invited to come to Presby House for informal fellowship in the evening.

METHODIST STUDENT HOUSE Sunday — 3 p.m. Council; 5 p.m. the Fireside group will discuss "Our Christian Heritage."

LUTHERAN STUDENT HOUSE (National Lutheran Council) 535 No. 16th St. Friday — 7 p.m. students will make visitations to shut-ins. After the visits a taffy pull will be held.

Sunday — 10 a.m. Bible study; 11 a.m. worship; 5:30 p.m. LSA meeting will include the showing of a film, "For Good Or Evil."

Monday — 6 p.m. Mr. and Mrs. Club. Tuesday — 7:15 p.m. Christianity Course.

SAINT THOMAS-AQUINAS CHAPEL Sunday masses — 8, 9, 10, 11, 12 a.m.

Weekday masses — 6:45, 7:15 p.m. and a daily Rosary at 5 p.m. Religion classes are held every Tuesday and Thursday at 11 a.m. and Wednesday and Thursday at 7 p.m.

Indian Art Collection Excavation Discovers Hopi Mural Paintings

By PEG VOLZKE Staff Writer Watson Smith, anthropologist from the Peabody Museum of Harvard, who spoke at the University Wednesday, had charge of a phase of the Hopi Site Excavation in northern Arizona before World War II.

For the past 20 years, Smith worked in Southwestern archeology. He considers the archeological site important because of its long existence before the coming of the Spanish and because it was the place where the first Franciscan Mission was established.

Spanish Settle Awatovi was the first Hopi village discovered by the Coronado Expedition in 1540. The Spanish remained there until 1680, when they were driven out by the Indians.

The Spanish returned to one village and were permitted to re-establish their mission. Hopis of nearby villages disapproved of this action and, in the winter of 1699, the village and mission church, dians of that village.

The museum spent five seasons between 1935 and 1939 in excavating the village and mission church. Members of the expedition found mural paintings in many of the

prehistoric kivas, or ceremonial rooms, and in the mission. The paintings are the most extensive collection of prehistoric Indian art of their kind thus far discovered. In many cases, the murals were painted in as many as 30 superimposed layers.

Hopis Help Excavate The problem arose of removing each layer in such a way as to expose the lower ones without damage. This was done by stripping each layer off on sheets of muslin which were then taken back to the museum and remounted.

Twelve Debaters To Attend Meet Twelve members of the University varsity debate squad will participate in a speech conference at Vermillion, So. Dak., Friday and Saturday.

They are Jack Rogers, Ken Philbrick, Sharon Mangold, Sandra Reimers, Richard Fellman, Jere McGaffey, Homer Kenison, Allen Overcash, Jerry Igou, Norman Alexander, Ernest Enke and Russell Gutting.

Rogers and Philbrick concluded a series of three debates before Lincoln organizations last Saturday when they spoke before the Lincoln Forum. They had previously spoken before the Unitarian Mens' Club and the Northeast Rotary Club.

Picture Deadline Set For Dec. 10

The deadline for scheduling appointments for individual pictures in the 1955 Cornhusker has been extended to Dec. 10, Janey Mapes, associate editor, announced.

Pictures will be taken by Edholm-Blomgren Studios, 318 So. 12th. Appointments can be made at the Cornhusker office, Room 20, Student Union, or by calling 2-7631 extension 4228.

Unaffiliated students and members of organized houses who missed having their pictures taken with their houses should schedule pictures by this deadline.

HAROLD'S BARBER SHOP 223 NORTH 14th 1 1/2 blocks south of Student Union FLATTOPS \$1.25

WESTMINSTER CHURCH

(Sheridan at South)

Invites You To A Discussion Group For University Youth EVERY SUNDAY MORNING

LED BY PROF. CHARLES PATTERSON, UNIVERSITY OF NEBRASKA FROM 10 TO 10:45 IN CHURCH PARLOR COFFEE IS SERVED

WORSHIP ON SUNDAYS 9:30 & 11:00

Amino Acids—'Lots Of Fun'

Ag Coeds Participate In Experimental Diet

BY GARY BURCHFIELD Ag Editor "Lots of fun."

This was the way in which Miss Collen Schnitter, Ag College freshman, described the experiment in which she is taking part in the nutrition research department of the University.

Seven Participate Miss Schnitter is one of the seven coeds who is participating in an experiment to determine whether the human body uses the protein in flour as efficiently as it does liquid protein.

Other coeds taking part in the experiment are Jane Michaud, Betty Penke, Phillis Banks, Jeanette Kraese, Alberta Womack and Aurelia Way. All are majoring in home ec, although this is not a prerequisite.

The study, which will end next week, is under the direction of Dr. Helen Linkswiler, new director of nutrition research at the University. When ended, the study will have covered a period of 35 days.

Throughout this entire period, the women taking part in the experiment are on a purified diet and can eat nothing except what is included in the diet. The coeds eat all of their meals (7 days a week) at the Food and Nutrition Building on Ag Campus. All of the necessary vitamins and minerals, plus the necessary proteins, which consist of a number of amino acids, are consumed in liquid form.

Typical Menu A typical day's menu would include a breakfast of a glass of orange juice, a small glass of minerals and lemon juice, a glass of amino acids and three specially prepared cookies which contain flour, corn starch, minerals and brown sugar. These cookies are served with butter from which the protein-containing solids have been removed. For lunch a dish of pears or apple sauce, a glass of amino acids (slightly more concentrated than the morning portion), a glass of minerals and lemon juice, three cookies and a dish of cornstarch pudding would be served. Dinner would include a dish of peaches, a glass of amino acids, a glass of minerals and lemon juice, three of the special cookies, a dish of cornstarch pudding and some liver capsules which supply some of the unknown vitamins.

The coeds may have two cups of coffee a day and are required to drink one of two bottles of 7-Up a day, depending on the weight of the girls. They are allowed to eat a small amount of mint candy between meals. Other than this diet, the girls can eat or drink nothing except water.

Although seemingly very insufficient, the purified diet is actually the most complete and balanced diet the girls will ever have in their life, according to Dr. Linkswiler. All the minerals and vitamins essential to the well being of the human body are supplied.

The experiment is quite expensive, for the cost of the diets are approximately \$25 a day for each coed. For this reason the amino acids are measured very carefully, and the necessity of sticking to the diet is impressed upon each subject.

The women taking part in the experiment are all volunteers.

They had a physical examination to assure their good health before beginning the experiment. Parents permission was also required for each subject. The coeds receive \$1.50 per day for participating in the study.

Nebraska is the first school in the United States to use a purified diet for such an experiment, Dr. Linkswiler said. Dr. W. C. Rose of the University of Illinois is the only other person who has done experimental work with proteins. The study at the University is also unique in the fact that young women are being used in the study. Male students were used in the study at Illinois.

This study helps the girls to understand more about nutrition research and the necessary amino acids. According to Miss Womack, "we stay on the diet because we feel we are doing something to help others."

Bulls Will Power "It helps to develop a good will power," said Miss Schnitter.

CLASSIFIED ADS

Wanted—Ride to Chicago for Thanksgiving Vacation. Will Share Expenses. Please call Walter George at 7-1107 after 6 p.m.

Furnished sleeping room: single or double, close in, reasonable! 321 North 16th Street.

Lost: 1 pair men's black ice skates Tuesday evening at Northwest corner of Seleck Quadrangle. Please return to main office, Seleck Quadrangle.

Wanted: Ride to Rochester, Minnesota, for 2 males. Willing to pay. Call Don Mattox, ph. 5-2500.

Desire ride to Chicago for 2 male students for Thanksgiving weekend. Willing to pay. Ph. 3-2942.

"The girls have been very good about sticking to the diet," said Dr. Linkswiler. "Study in which humans are used are difficult, not only because people have to do work but because of the subjects. Upon completion of the study, nutritionists will be able to tell something about the protein in flour."

"Everything known about nutrition has been found in this way," said Dr. Linkswiler. "Studies such as this are important because they give actual facts."

TONIGHT Festival of Bands at KING'S

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MADALYN KING Added Attraction: The prettiest girl in the ballroom will be selected to present the "King's Trophy" to the top disk jockey of the week.

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KING'S BALLROOM 1 MI. West on O St.

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Now! Now! HELD OVER! A STAR IS BORN JUDY GARLAND JAMES MASON JACK CARSON - CHARLES BICKFORD TOM NOONAN VARSITY PRICES ADULTS 75c TILL 8 P.M., Then \$1.00

Howland-Swanson just arrived... for the Military Ball! a sparkling new group of glittering formals! \$29.95 to \$59.95 Luscious new holiday formals... both long and waltz length styles... in silks, satins, laces, and nylon nets. Candlelight pastels and smart high-fashion colors. Choose your new formal from this group! Sizes 7 to 15 and 8 to 18 Formals—Second Floor

42nd Annual MILITARY BALL By far the biggest social event of the season. Dance to TED WEEMS His Orchestra and Entertainers December 3, 8:00 p.m. University of Nebraska Coliseum Tickets on sale at Union Lobby \$3.00 per couple