

Dr. Colbert Held

## Compact Telecourse Teaches Geography

By BEVERLY DEEPE  
Staff Writer

The unassuming 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 30 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.

### Cosmopolitan

By serving in the war and by visiting for study, the Texas-born cosmopolitan will have two and a half years of actual contact with these areas which he will be able to incorporate into his program.

Dr. Held uses three methods of impressing facts on the minds of his viewers. First, he writes the name of the region or belt he is

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. Roll calls, student questions and quizzes are all eliminated on telecourses.

### 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.

### 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.

## 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.

Tuesday — 7:30 p.m. Discussion Club.

Wednesday — 8 p.m. Choir practice.

Friday — 9 p.m. the Newman Club sponsored Harvest Ball will be held at East Hills.

Sunday — 4 p.m. formal initiation for all new Newman Club members at the Lincoln Hotel, 5:30 p.m. Newman Club meeting and supper.

UNIVERSITY LUTHERAN CHAPEL

Sunday — 10:45 a.m. Thanksgiving worship with celebration of Holy Communion; 4:45 p.m. Delta Gamma supper followed by a discussion on the topic, "The Organization and Development of a Mission Congregation," led by Pastor Charles Born.

SOUTH STREET TEMPLE

Friday — 8 p.m. will be the Sabbath service with the sermon topic "Education and Debate."

UNITARIAN CHURCH

12th and H Streets

Sunday — 9 a.m. a Thanksgiving breakfast will be served honoring Unitarian students and younger faculty members on the University campus. The implications of the recent report on Nebraska's penal institutions will be discussed by law professor Caleb Foots at 10 a.m. At 11 a.m. the Rev. I. J. Domas will deliver a sermon on "The Flattery of Gratitude."

UNIVERSITY EPISCOPAL

Sunday — 9 a.m. Holy Communion with breakfast immediately following; 10 a.m., coffee hour; 11 a.m. morning prayer and sermon; 6 p.m. Canterbury Club.

## 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, left the village and mission church. 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 Men's 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

## 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 Colleen 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 M'chaud, Betty Penke, Phillis Banks, Jeanette Kraese, Alberta Womach 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. Hellen 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 Womach, "we stay on the diet because we feel we are doing something to help others."

Builds 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 7-1167 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."

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FROM 10 TO 10:45 IN CHURCH PARLOR  
COFFEE IS SERVED  
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**42nd Annual MILITARY BALL**  
Dance to  
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By far the biggest social event of the season.  
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