

Airborne GI's Meet Infantry Junction Made In Six Hours

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Church Leader To Address Second Convo

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His appearance is sponsored by the National Committee for a Free Europe, the same organization which sponsored the "Crusade for Freedom."

Joseph C. Grew, ambassador to Japan at the time of Pearl Harbor, is chairman of the board for the group. Other members of the committee include former Attorney General Francis Biddle, Gen. Lucius Clay, Cecil B. DeMille, James Gen. Dwight Eisenhower, William Green, Henry Luce and Darryl Zanuck.

Migration Trip Tickets Limited

Only a limited number of migration tickets are available for the trip via chartered train gone by last week.

Persons who still wish to purchase tickets are urged to get them as early as possible if they desire good seats in the stadium. Duets are still being sold in the Union booth by Corn Cobs.

Traditional Trip
The traditional trip this Saturday will be the fourth such migration to Kansas University in ten years.

Price of each ticket is \$8.50. This covers the cost of the round trip train ticket (\$5.41) and cost of the football game ticket (\$3.00).
The "Jayhawk Special" will

Atom Energy Clinic Hears Jorgensen

Two popular myths about atomic energy were exploded Friday afternoon by Dr. Theodore Jorgensen, Jr., chairman of the University physics department, at a clinic for newspaper and radio news editors.

The misconceptions were: That the atomic bomb is a product of American science and that there is security in the secrecy of science.

Dr. Jorgensen, formerly associated with the Los Alamos atomic bomb project, gave the opening talk at the University's two-day clinic on atomic energy.

The clinic is being sponsored jointly by the University's Extension Division and the School of Journalism.

Explaining the mistaken idea that the atomic bomb was developed entirely in the United States, Dr. Jorgensen said: "All of the important fundamental research in the field of nuclear physics up to the time it was known that the atomic bomb was a possibility was done in the English, French, German and Italian labs."

English and American physicists, he explained, interested their governments in the military application of atomic energy at practically the same time.

When scientists from the two countries began comparing notes at the end of 1941, it was found that thinking in both nations had been along almost the same lines.

Acting upon the suggestion of President Roosevelt to Prime Minister Churchill, the two countries co-operated in this effort from 1941 up to Hiroshima, he added.

Dr. Jorgensen said the idea of secrecy interferes with the free flow of ideas among scientists. He explained that exchange of ideas is a necessity for the advancement of fundamental science.

"British scientists returning to England," he continued, "took with them the knowledge of atomic energy that had been developed jointly in this country. Since this information was known to scientists of more than one country, there was no longer a secret."

Participants in the clinic toured University physics laboratories after completing registration Friday.

They saw demonstrations of radio-activity, neutron source and the accelerator which is being used in a research contract with the Atomic Energy Commission.

Chancellor R. G. Gustavson also spoke at the afternoon meeting. He discussed the social implications of atomic energy.

Saturday's session will include talks by Edward Trapnell, Washington, D. C., director of information for the Atomic Energy Commission, and Dr. Adolph F. Voight, assistant director of the Ames, Iowa, laboratories of the AEC research program.

leave Lincoln Saturday morning at 6:15 and will arrive in Lawrence about 11:30 a.m. The return trip will start at 9:30 p.m. and will arrive in Lincoln about 2:30 Sunday morning.

A pep group numbering approximately 180 persons will include the band, Corn Cobs, Tassels and the cheerleaders. On the way down to Lawrence, a rally complete with songs, yells and band will be held.

Snack Car
A special snack car will be included on the caravan for the migrants.

Following arrival in Lawrence, a big rally will be held at the station.

Planners of the migration this year are members of the student migration committee sponsored by the Student Council. They are Bob Rogers, chairman, Marilyn Lutz, representing Tassels, Del Kopf, representing Corn Cobs, Dean Killion of the band, and George Wilcox, Council treasurer.

200 Tickets Left
Latest report from the office of A. J. Lewandowski, business manager of athletics shows only 200 regular football game tickets remain for persons who plan to make the trip in their own autos.

So far, nearly 1,800 persons have purchased tickets from this office. Adding this total to the number expected on the migration train, officials believe that the Husker crowd will exceed 2,300.

International Dinner Set For Nov. 30

The bi-annual International Friendship Dinner sponsored by the Religious Welfare Council will be held Thursday, Nov. 30, at 6:30 p.m. in the Union ballroom.

The Friendship Dinner will be the fifth of its kind to be held on the University campus. It was originated by the Religious Welfare Council with the cooperation of Cosmopolitan club, International House and later, NUCWA. "It's purpose," announced Pon Chinn, general chairman, "is to promote better understanding among foreign and American-born students."

Dr. G. W. Rosenfeld will emcee the proceedings and introduce the participants. Entertainment will be presented by the Cosmopolitan club. The program will consist of several musical numbers selected to represent countries from various parts of the hemisphere.

Something new and different will be served at the dinner. Only Chinese food will be served. The main courses will be Kai-Pao, Chow Tong and Ha Tchao Fan. Before and during the meal, Cha, or tea, will be served, as is customary in that country. Ghim Yeon, student from Ipo, Malaya, will act as head cook.

Invitations are being sent to all organized houses, members of the faculty and foreign students. Those who wish to attend are asked to bring a foreign student as a guest.

Committee chairman for the dinner are as follows: Ray Salh-joo, entertainment; Vladimir Lavko, food; Bill Croft, publicity; Dorothy Estes and Mildred Rice, tickets; Eleanor Wiberg, decorations.

Tickets are \$1 and may be purchased through the YW or YM offices.

ASME Chooses 'E' Week Heads

Hank Kadavy and Jerry Roberts were elected co-chairmen and Bill Drayer was elected alternate for the mechanical engineering department for 'E' Week at the A.S.M.E. meeting in Richards laboratory.

Secret of Virus
A University of Nebraska physicist has developed a theory which may explain a basic puzzle of life.

Dr. Herbert Jehle, in the current issue of a national scientific magazine, "The Journal of Chemical Physics," describes in mathematical terms one of the vital processes of growth—the duplication of genes.

Genes are tiny substances, invisible to the human eye, which determine our heredity from generation to generation. As human beings grow, for example, genes reproduce again and again as exact duplicates. Science has never been able to satisfactorily explain this marvelous accuracy.

Filings for AWS Board Extended

Filing date for AWS membership has been extended to Tuesday Oct. 24.

Unaffiliated junior coeds interested in membership in Associated Women Students may file applications from which senior AWS board members will schedule interviews.

Ballet Ticket Sale to Start On Tuesday

University students who want to see a world-recognized ballet, will have an opportunity to purchase tickets for it at a reduced rate beginning Tuesday.

The well known Sadler's Wells ballet will make its first Nebraska appearance Monday, Nov. 20, at the Coliseum. The English ballet is being sponsored by the University with arrangements being handled by the Union.

According to Hugh Follmer, chairman, tickets will be sold at a much lower rate than the regular scaled prices quoted for the general public. Announcement of the price will be made next Monday.

Mrs. Genevieve Grimm, Union director, said that there are only a limited number of tickets available. Students who buy them at the reduced rate will be asked to present their ID cards at the door.

Kosmet Klub to Sell
Sales will open in a Union booth Tuesday. Also Kosmet Klub workers will be selling tickets. Ag students will be able to obtain their tickets from the Ag Union at a booth and from Ag representatives who are Kosmet Klub workers.

Said Irving Deakin, advanced manager for the company, "Students should remember that only one performance will be given in Lincoln."

Mrs. Grimm stated that the student price will be at a marvelous saving with the regular reserved prices so low. Student seats probably should be less than \$1.

Regularly scaled seats will sell at \$4.80, \$3.60, \$2.40 and \$1.80. Student seating will be located in the balcony of the Coliseum and will offer "the best panoramic views of everything that happens on stage," said Follmer.

Students who wish seats closer to the stage may take advantage of the regularly scaled price tickets which are available now.

Tour Includes 29 Cities
Sadler's Wells is making a coast-to-coast itinerary which will include 29 cities. This season's tour of the country will be the second for the group which is a British company. Last season's tour included nine United States cities.

Mrs. Grimm said that the evening program will include a full-length presentation of "impeccable dancing that has stirred audiences in the rest of the world as well as in America."

Last season, the company set the numerous articles which accompanied the nine cities which it visited, added Mrs. Grimm.

1,000 Costumes
According to company authorities, 40 tons of scenery, 1,400 pairs of special dancing shoes and 1,000 costumes are among the numerous articles which accompanied the travelers.

Between seasons, the celebrated company has made extensive tours of Vienna, Prague, Warsaw, Posen, Malmo, Oslo, The Hague, Rotterdam, Paris, Hamburg, Dusseldorf and Florence.

The company is under the sponsorship of the Covent Garden Opera trust in association with the Arts Council of Great Britain and the British council.

Cells Divide
The basic units of life are cells. Human egg cells are about one-third as large as the period at the end of this sentence. As human life develops, the process is one of division—one cell becoming two, two becoming four, and so on. As adults, our bodies contain billions of cells.

As the process of division and growth goes on from birth, why is it, for instance, that our eyes become blue, or brown or gray? The answer is that within every living cell are microscopic structures called chromosomes. All chromosomes carry genes. Genes are vehicles of heredity which control the work of the cells so that as the cells divide and multiply they follow certain patterns—like a mason laying bricks for a house. Eventually the cells take on the shapes of

Weeks Band Will Play For Homecoming Dance



ANSON WEEKS—The Homecoming dance Nov. 4 at the Coliseum will feature the Weeks band, it was revealed today by the Homecoming committee.

Coll-Agri Fun Board to Give Scholarship

A new twist will be added to the showing of the annual Coll-Agri-Fun skits and curtain acts this year, announced Janet Ross, Coll-Agri-Fun board general manager, announced. Curtain time is promptly at 8 p.m. Friday, Oct. 27.

A scholarship totaling \$100 is to be awarded to the participant in Coll-Agri-Fun night last year who has since gathered the highest grade average. Competition for the award includes only the past two semesters. Board members stated they would like to see the new addition become an annual part of the fall fun night.

Dress Rehearsal
Full dress rehearsal will be at the College Activities building Wednesday night, according to Miss Ross. She pointed out that all skits and curtain acts should be presented at this time and in the same manner as the night of the show.

A total of seven skits and four curtain acts are planned for the evening's performance. Skits are: "Little Mel," Loomis Hall; "The Hour of Destiny," Amikita; "Charlie Comes to the Farm," Love Hall; "History of the Ag Campus," AGR; "Black-faced Follies," Home Ec club; "Before the Mirror," Ag YW; "Good Knight, Irene," Farm House; "Women As We See Them," Ag men's club.

Curtain Acts
Curtain acts are: "The Play Without Words," Ag YMCA; "Before the Mirror," Ag YW; "Cocktails for Two," Ag men's club; and another by Ag Country Dancers.

Dick Walsh has been appointed master of ceremonies for this year's skit night.

As in the past, a \$10 first prize will be awarded to the best curtain act. A traveling plaque is given to the best skit.

Permanent Possession
Love Hall has a chance to obtain permanent possession of the plaque this year as they have won it for the past two years. It is the established policy of the board that if any organized house wins it for three years in succession, they become the permanent owner.

Col-Agri-Fun board members for this, the 19th annual show, are: Janet Ross, manager; Dick Crom, assistant-manager; Dorothy Bowman, secretary; Joyce Shaner, treasurer; Jack Wilson and Jerry Johnson.

Activities Complete Weekend Agenda

Main attraction of Homecoming weekend will be the annual Homecoming dance at the Coliseum. The dance is under the joint sponsorship of the Tassels and Corn Cobs.

The Homecoming band for 1950 will be Anson Weeks. Revealed today by the homecoming committee, the band features pianist Weeks, recording artist, composer and alumni of several national radio shows.

Former members of his show include Tony Martin, Bob Crosby, Carl Ravazza and Dale Evans.

The band leader has a record of seven consecutive years at the Hotel Mark Hopkins in San Francisco in addition to engagements at the Waldorf Astoria, in New York, Edgewater Beach and the College Inn in Chicago, and other leading hotels, theatres, and ballrooms throughout the country.

Compositions
"I'm Sorry Dear," is a Weeks composition. The pianist has also written "New Moon."

According to the dance committee, Weeks features both smooth, rhythmic music, and swing.

His success is credited not only to the skill of his keyboard technique but also to his talent as a composer and his ability to surround himself with talented performers, singers and musicians.

Native Californian
A native Californian, Weeks formed his first orchestra while he was attending the University of California. The success of this venture started the band leader on the professional road.

The Homecoming Queen, who will be presented at the Missouri-Nebraska game in the afternoon, will reign at the dance. Winners of the float and house decoration contests will also be announced.

The Coliseum decorating theme will be revealed later, but according to those in charge it promises to be unusual.

Tickets Cost \$2.50
Tickets for the dance are \$2.50 per couple. Ticket sales will be announced later this week. Last year the ticket price was \$3. Corn Cobs expressed hope that the new low price would attract many more couples. With thousands of alumni visitors in Lincoln, a capacity crowd is expected at the dance.

Other homecoming events, in addition to the presentation of the Homecoming Queen and the dance, include the house decoration contest, special rallies and the Homecoming parade.

**Military Officers
To Choose Queen**
An All-University election for the six finalists in the competition for Honorary Commandant will be held Tuesday, Oct. 3 from 8 a.m. to 8 p.m. in both the city campus Union and the Ag union.

Entries must be in by 5 p.m. tomorrow. Organized houses are reminded to be sure that their candidates are qualified seniors before they register them. The qualifications, previously stated, are: the coed must be of senior standing in her particular college and she must have an average of at least 5.5. There is no limit on the number of girls who may apply from each house.

The six finalists elected by the student body will be presented to the candidate officers at a reception Nov. 2 at the Union from 2 to 7 p.m. The officers will then vote on the finalists for the Honorary Commandant title who will be presented at the annual Military Ball.

Production Staff
The committees who are working on the stage production of the drama are:

Designer: production staff; prompter: Mary Sidner; construction manager: Dave Sleser; crew: Gwen Wiesner, Miriam Bleicher, Jerry Young, and Ruth Ann Sandstedt. The stage manager and crew is composed of the workers on the construction committee.

Light manager, Dona Miesbach; crew: Virginia Meehan, Charles Peterson, Richard Rowden and Lucy Lawrence; wardrobe manager, Martha Strabuck; crew: Verba Miller and Alice Kruger; make-up manager, Rosanna Locke; crew: Sharon Fritzier and Francis Goodside.

Hand and stage properties, manager, Norma Erickson; crew: Edwina Hokanson and Lucy Lawrence. Sound manager, Dick Miller; crew, Lyle Wolf. Technical director for the production is William Ellis and production manager is Christine Phillips.

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Litov served as minister of the largest Methodist church in Sofia for 15 years. He was director of the Methodist youth organization for three years, and secretary of the Supreme Council of Protestant Churches in Bulgaria.

Men Workers Needed by Union

The Union wants men! The public relations committee Monday will start a membership drive for male workers in the activities pool.

Posters will be placed in all men's organized houses and dorms, and Monday evening the committee will visit each house and dorm to solicit members.

Students will then be given a chance to sign up for Union work in the activities pool, and their names will be placed in a committee file. During the nine months of the school year, each worker's name will be rotated into each of the nine Union committees.

By helping the various groups, students in the activities pool will become acquainted with every committee.

Physicist Herbert Jehle Develops Theory for Duplication of Genes

A University of Nebraska physicist has developed a theory which may explain a basic puzzle of life.

Dr. Herbert Jehle, in the current issue of a national scientific magazine, "The Journal of Chemical Physics," describes in mathematical terms one of the vital processes of growth—the duplication of genes.

Genes are tiny substances, invisible to the human eye, which determine our heredity from generation to generation. As human beings grow, for example, genes reproduce again and again as exact duplicates. Science has never been able to satisfactorily explain this marvelous accuracy.

The theory, developed by Dr. Jehle in consultation with other University physicists, has aroused great interest among theoretical scientists in this country. In addition to its value as a theory, however, three practical results may stem from it.

First, the theory may shed additional light on how viruses grow. Viruses, tiny substances which can be seen under only electron microscopes, are responsible for poliomyelitis, common colds, influenza, measles and about 35 other human diseases, scores of animal diseases and

called antibodies develop during the body's fight to rid itself of the sickness. The antibodies make chemicals which neutralize the poisons of the germs and help us get well.

The theory worked out by Dr. Jehle has not been confirmed by scientific experiments, but it opens the way for new avenues of investigation.

Here, briefly, is how Dr. Jehle explains his theory.

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The basic units of life are cells. Human egg cells are about one-third as large as the period at the end of this sentence. As human life develops, the process is one of division—one cell becoming two, two becoming four, and so on. As adults, our bodies contain billions of cells.

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hands and feet and other things which we recognize, as part of the human body.

Genes, during this process, duplicate themselves over and over again. Why? Dr. Jehle reasons this way: Within the genes are still smaller units called peptide molecules, which are composed in turn of collections of atoms of carbon, nitrogen and other elements bound together chemically. The peptide molecules continually vibrate.

Vibration Pattern
However, Dr. Jehle reasons, some genes have one pattern of vibration and other genes other patterns of vibration. As the smaller molecules pass thru the cell they are attracted to the genes if their vibrations are the same mode and frequency. In the cell the genes keep selecting certain peptide molecules until a string of them is built up with the same vibrational pattern as the original gene. The new gene is an exact duplicate, then, of the mother gene.

The theory is actually a description of a problem of living matter in terms of mathematics and physics. His theory was worked out by the use of quantum mechanics, usually used in analyzing elementary atomic problems.

NU Ralliers 'Go Downtown For Penn State'

Enthusiastic Cornhusker fans—several thousand strong—charged downtown Lincoln Friday night to tell everybody "We're Going to Town for Penn State."

Amid cheers of the fans, Coach Bill Glassford and game co-captains Moon Mullen and Don Bloom stepped from a police car where they had been escorted during the procession. All gave short talks.

Yell King Frank Piccolo and his squad led the crowd in cheers from the platform. Corn Cobs and Tassels had formed a circle with the other fans gathering behind the chain.

Leading the rally procession was the band who also paraded through the Union when the group returned to campus. After the band came the victory bell with the cheerleaders on the platform. Glassford and the co-captains followed in the police car which was part of the police escort the rally had all the time.

NU Carillon Bells To Ring Tuesday

The Carillon bells will ring tomorrow at 11 a.m.

In observance of United Nations Day, the Mueller Carillon tower bells will chime out the United Nations hymn. Playing the bells will be Gwen McCormack.

Bells and chimes all over the nation will ring at the same time to commemorate the UN Charter, which came into effect in 1945.