

## PROFESSOR DEMING SPEAKS TO FROSH

Chemistry Expert Lectures to Freshmen On "Constitution of Matter" Explains Mysteries of Electrons.

### MAKE RAPID ADVANCE

Theories Do Not Replace Old Ones But Add To The Present Knowledge Of Science of Matter.

"The Constitution of Matter," was the subject of a lecture delivered by Prof. H. C. Deming to the arts and science freshmen, Monday afternoon and Tuesday morning. Professor Deming reviewed the practical side of chemistry, and then went into the theoretical side of his subject showing with the aid of lantern slides, some new discoveries relating to the composition of atoms and electrons.

"Students usually manifest the most interest," according to Professor Deming, "in the practical side of chemistry; the uses of chemistry in industry, warfare, and natural research. Chemistry plays an important part in the purification of steel and copper ore. Brass ingredients must be measured as carefully as the ingredients of medicine. The use of chlorine is much needed in war time. It is also in demand in peace time to bleach paper. An example of the practical use of chemistry, is the operation of Eastman Kodak Company's plant which annually manufactures enough film to stretch from the earth to the moon.

"Chemistry has played a very important part in history. Alsace-Lorraine, the bone of contention for so long between France and Germany, is valuable because of its large deposits of coal and iron. During the middle ages France and other countries, fought constantly over the possession of Sicily. Sicily was valuable to them chiefly because of its sulphur deposits."

**Theoretical Background Important.**  
Professor Deming asserted that the theoretical background of chemistry is quite as important as the practical side. We would not care to have a doctor who did not have a general technical knowledge of human anatomy. Likewise a chemist's work is limited if he is not versed in the underlying principles of his subject.

An ancient Greek, Lucretius, attempted to sum up all the knowledge of chemistry of his time, in a single poem. His poem was never completed but John Dalton, an Englishman, enlarged upon Lucretius' knowledge and laid the foundation of the present theory of matter. One chemical theory does not often replace another; it merely modifies or enlarges existing theories, and as a

### DEPARTMENTS TO CLOSE.

All departments of the University, including classes, library and laboratory, will be closed today from 2 until 3 p. m., during the time of the funeral of Mrs. Mary Avery as a mark of respect to Chancellor Avery, who was called to Unadilla Monday by the death of his mother.

## ARMS COMMITTEE OF CHINESE STUDENTS

BERKELEY, Calif., Nov. 29.—Chinese students in America, in their enthusiasm for the permanent peace of the world and the unfettered development of their nation, have organized the Chinese Students' committee on the Washington disarmament conference. The committee was organized to study the great event at Washington and to voice their own sentiments concerning the conference.

The committee states that justice demands that the welfare of four hundred million Chinese people must not be endangered by an aggressive nation and that all external obstructions to the development of the young Chinese nation must be removed.

## SWIMMING TEAM TO BE REALITY

Aquatic Sport Will Get Under Way Soon After the Thanksgiving Recess.

By Oscar Bauman.

A swimming team is to be organized in the University of Nebraska shortly after the Thanksgiving vacation. The aquatic sport has been a neglected one in Nebraska but arrangements for its introduction are already under way. Fred W. Leuhring, athletic director, states that swimming meets will probably be arranged with the athletic club of Omaha and some conference colleges. The chance of participating in such meets together with the trips, should be sufficient incentive to warrant a great turnout when the call for candidates is sent out.

An inter-fraternity meet has been proposed as a starter and an assurance of some material. Anyone wishing to participate in this meet may do so, however. Later, tryouts at regular intervals will be held.

Nebraska is not lacking in representation in other lines of sport and the water activities are not such that they can be overlooked. Other schools worse situated than Nebraska for pool facilities and material have been well represented in different meets.

Aquatic meets with Ames, Washington university and Kansas Aggies are under consideration. Other meets will doubtless be scheduled if the calibre of the team merits it. A complete announcement of schedule will be made later. Eligibility requirements for membership in the varsity swimming team are the same as in other branches of athletics.

## CALIFORNIA GRIDSTERS WANT "BIG-THREE" GAME

BERKELEY, Calif., Nov. 29.—Training has been broken off by the varsity football team until after the final examinations. Of course there is the New Year's game in which California's participation is practically certain; but the Bruins have laid off for a while.

Who will California's opponent be at the Pasadena game? That is a question not easily answered.

California wants to play a Big Three team and only a Big Three team if it can possibly be arranged. Princeton will not come out. That is definite. Harvard is non-committal. Yale is also non-committal. Of the three, Yale seems the most likely.

## The Daily Nebraskan's All-Missouri Valley Eleven

### FIRST TEAM.

Ends—Swanson (Captain), Scherer, Nebraska.  
Tackles—Lyman, Nebraska; Blumer, Missouri.  
Guards—Pueclik, Berquist, Nebraska.  
Center—Wallace, Ames.  
Quarterback—Preston, Nebraska.  
Halfbacks—Lewis, Missouri; Wright, Nebraska.  
Fullback—Hartley, Nebraska.

### SECOND TEAM

Ends—Marsh, Oklahoma; Datesman, Grinnell.  
Tackles—Weller, Wenke, Nebraska.  
Guards—Jones, Captain, Kansas; Hahn, Kansas Aggies.  
Center—Peterson, Nebraska.  
Quarterback—Swartz, Kansas Aggies.  
Halfbacks—Noble, Nebraska; Hill, Oklahoma.  
Fullback—McAdams, Kansas.

The sports editor of the Nebraskan is not to be outdone by other athletic writers and submits the above as his all-Missouri Valley conference football selections. Eight Nebraskans are placed on the first team and four on the second. The absolute and complete supremacy of the Husker team in the valley conference undoubtedly warrants this many Cornhuskers gracing any all-conference team.

## NATIONAL FRATS HOLD CONFERENCE

Will Discuss Fraternity Rushing, Cost Of Chapter Houses And Rough-house Initiations.

NEW YORK, Nov. 29.—Two hundred fraternity men, representing all the leading men's fraternities at American colleges and universities, will meet in convention under the auspices of the Interfraternity conference at the Hotel Pennsylvania on Friday and Saturday of this week. Problems of interest to fraternity and college men generally will be discussed at the conference.

Present at the conference will be thirty of the country's leading educators, representing all sections of the country from the University of Washington to Bowdoin and from the University of Texas to Minnesota. A number of college presidents and numerous deans are in the group.

Among those from this section who will be present are Dr. Frank Fackenthal of Columbia, Dr. Harlan H. Horner of the N. Y. state college for teachers, Dr. Burton P. Twichell of Yale, and Dean William A. Hammond of Cornell.

The conference will discuss such problems as the relation of the college to the fraternity, the influence of alumni visits, fraternity rushing, the cost of chapter houses, the abolition of all rough-house initiations. Each subject will be discussed freely from the floor of the conference.

The convention will be called to order by the president of the Interfraternity conference, Don R. Almy, a graduate of Cornell and a member of Sigma Alpha Epsilon, now a lawyer at 46 Cedar street. Associated with him in the preparation of the program for the conference are the members of the executive committee, all New Yorkers; F. H. Nymeyer of Zeta Psi; Wayne M. Musgrave of Alpha Sigma Phi; Henry H. McCorkle of Phi Kappa Psi; James Duane Livingston of Delta Phi; William O. Wiley of Theta Xi; Albert S. Bard of Chi Psi; J. Lorton Francis of Pi Kappa Alpha and Willis O. Robb of Beta Theta Pi. Dean Thomas Arkle Clark of the University of Illinois is member of Alpha Tau Omega, the educational advisers of the committee.

The Interfraternity conference, established in 1909 at Chicago, is the result of a realization on the part of fraternities of their common ideals and tasks. Through the efforts of the conference mutual jealousies and rivalries have diminished and a clearer conception grown up of the modern fraternity as an adjunct to self-government at American colleges and universities. Hamilton Wright Mable was the first chairman of the conference.

The conference has grown until today it has a membership of forty-nine fraternities, containing practically all of the long established fraternities in addition to a number of newer and less firmly established organizations. Each fraternity has named three delegates and two alternates to the convention.

## DEPARTMENT HERE IS WITH BEST SIX

Nebraska Ranks With Harvard, Columbia, California, and Chicago in Opportunities for Advanced Geography.

"Nebraska is a bright spot on the map of geography instruction in the United States." This was the statement made in a public address recently by a prominent eastern university president. The national research council in a bulletin published a short time ago, has named as the six universities in the United States which lead in offering opportunities for advanced work in geography—California, Chicago, Columbia, Harvard, Nebraska, and Wisconsin. On account of the recent reorganization of Clark university that institution unquestionably now belongs in the same group. The essential fact is that from the standpoint of national recognition the unbiased sources quoted place Nebraska as one of the seven leading universities of the country from the standpoint of courses and instruction in geography.

The position attained is the result of untiring effort on the part of these in charge through a period of about twenty years. Dr. Geo. E. Condra, now director of state surveys of the university, is the one who may rightly be called the "Father of Geography" in Nebraska. In 1902 he was appointed instructor in geology and charged by Chancellor Andrews to develop courses in geography in the university. The calendar for that year gave the first recognition to the subject. A two hour course on general geography being offered the first semester, following a two hour course on the United States the second semester. The registration, altho not large, proved that there was a real need for geographical instruction in the university, and Doctor Condra was encouraged by the chancellor to expand and develop the work. This he did with his well known ardent enthusiasm with the result that geography became a separate department in 1908, given new quarters and additional instructors. Doctor Condra was head of the department until the spring of 1919 when, in the re-organization of the university, he was made director of state surveys, and geography was made a division of the department of geology and geography.

The geography division is now in charge of Professor N. A. Bengston, assisted by Miss Esther S. Anderson (absent on leave this year), Miss Vera Rigdon and Mr. Louis A. Wolfanger. Professor Bengston was commodity expert on breadstuffs with the war trade board in Washington during 1918. He was then transferred to the bureau of foreign and domestic commerce and sent as special envoy to the Scandinavian countries with rank of acting commercial attache to the American legation at Christiania. While there he was special trade advisor and member of the inter-allied trade committee. This committee, made up of a representative from each of the European allied powers—England, France, and Italy.

## CALIFORNIA BRUINS ELECT NEW LEADER

BERKELEY, Calif., 29.—Charles Erb, '23, "the Marshal Foch" of the California football squad, was elected captain of the '22 varsity eleven at the annual banquet where the football men "break training" after the California-Stanford football game.

"Charley" Erb, a member of the Winged Helmet honor society, is a Delta Upsilon fraternity and the field general of much experience. He captained the 1923 freshman team, and has held a prominent place in varsity games this year and last. He is one of the most popular men on the squad and was chosen unanimously to be the next Bruin leader.

## DEATH CALLS MOTHER OF CHANCELLOR AVERY

Mrs. Mary Avery Dies At Unadilla, Nebraska, Monday At The Age Of Eighty-Nine.

Mrs. Mary Avery, mother of Chancellor Avery, died at her home at Unadilla, Neb., at 3 p. m. Monday after a lingering illness. Mrs. Avery had reached the age of eighty-nine at the time of her death.

The chancellor left immediately for Unadilla where funeral services will be held today from 2 to 3 o'clock. Burial will be in the cemetery at Unadilla.

Classes will be dismissed during the time of the funeral.

Mrs. Avery leaves three sons. They are Chancellor Avery, Henry Avery of Unadilla and Stephen Avery also of Unadilla.

## FARM HOUSE WINS CROSS COUNTRY RUN

Fifty Men Participate for Five Frats in an Inter-Greek Long Distance Meet.

Five fraternities participated in the inter-fraternities cross-country which was run over the Belmont three-mile course last night. The race started about five o'clock and Gardner was the first man to finish in twenty-one minutes and ten seconds. The five fraternities entered about fifty men.

Coach Schulte expressed his desire to hold another meet in the near future as he way very well pleased with the spirit which was shown by the contestants.

The fraternities placed as follows: First, Farm House, 10 points; second, Bushnell guild and Delta Upsilon, tie, 23 points; third, Sigma Nu, 25 points; fourth, Alpha Sigma Phi, 59 points.

## ENGINEERS WILL HEAR E. S. JARRETT THURSDAY

Mr. Edwin S. Jarrett, president of Jarrett Chalmers Co., New York, will speak on "Foundations" at the Engineers' convocation, Thursday morning, December 1, in M. E. 206. Mr. Jarrett is a member of the American society of civil engineers.

Mr. Jarrett is one of the men who will engineer the construction of the foundation of Nebraska's new capitol building. He is a popular speaker in engineering circles and his talk will be well worth hearing.

## Men Are More Willing Than Women to Work to Provide Money for Higher Education

That more boys than girls are willing to work their way through university is indicated by figures compiled by the University Extension department, which has positions open for both men and women attending the University of Nebraska.

Seventy-five students were placed in different positions the last two weeks by the department, according to figures made public Tuesday afternoon. Some of the positions are temporary but there are many where students may work throughout their college days.

The Extension department claims that it has little difficulty in finding more than enough boys to fill the positions offered. Boys are more than willing to work for their room and board. But be that as it may, positions of the same kind which are open for young women, go begging. The girls are not nearly so willing to

## PROSPECTS BRIGHT FOR HUSKER SQUAD

Basketball Team Unusually Large This Year—Many Last Year's Men Are Out.

### PRACTICE IN THE COLISEUM

Director Leuhring Arranges to Have Every Valley Team Play on the Local Floor.

The Cornhusker basketball squad journeyed to the state coliseum yesterday afternoon where Coach Owen Frank put his proteges through some of the preliminary steps in the cage sport. The turnout thus far this season has been exceedingly good and prospects for a winning team are very bright.

For the past few years it has been the custom to have a number of teams outside of the Missouri Valley conference appearing in Lincoln to combat the Huskers but Director Leuhring has changed this policy entirely and has arranged the schedule in such a manner that every basketball quintet in the Valley will play on the Nebraska floor at one time or another during the season.

This will be the first year that every conference team has played against the Huskers on the local floor during one season. Last year the Nebraska men had little trouble of disposing of most of the Valley teams with the exception of Ames, who put one defeat over on the Scarlet and Cream athletes. Nebraska, however, did not meet the championship Missouri quintet or a number of the other fast Valley teams.

With the opening contest but three weeks away, Coach Frank expects to start scrimmage practice and weed out the varsity ranks as fast as possible. The Huskers will meet the Kansas Jayhawkers at Lawrence on the 20th of December in the first contest of the season. The Huskers did not meet the Kansas men on the basketball court but rated higher than the Jayhawkers in the Valley standings.

There will be nine or ten home games and about the same number of contests played on the floors of the other schools in the conference. Director Leuhring has so arranged the schedule that the Nebraska men will meet some Valley team here about every other week. As a nucleus, Coach Frank has Captain Smith, who is attending the university medical school in Omaha but expects to be in Lincoln week-ends to practice and play with the varsity and Warren, Carman, Munger, Kohl, Haverly, Hartley, of last year's squad. A large number of last year's first year men have turned out for a varsity and have strengthened the varsity squad considerably.

## COMMERCIAL CLUB WILL HAVE DANCE

The university commercial club will hold last annual dance at the Lincoln hotel, Friday night, December 2. Polly Butler's orchestra has been engaged, and coupled with refreshments and favors, the evening promises to be one of long remembered entertainment or the future business men.

## "Moses In The Bullrushes" Had Nothing On The "Home Ec Baby" With Pharaoh's Thirty Daughters

When Moses was snatched from the bullrushes, he fell into rapid sort of existence compared with the life of the newly adopted university babe, who is living at the practice house. No common child will this be after six months' service as a laboratory for thirty serious-minded motherettes. Science will be applied in the latest words, and Nebraska mothers will be shown how to bring up the superior article in offspring.

Nor is the home management class unprepared to care for this helpless infant. Research work has been going on for a year, and the material and notes collected would make a handy library for any good sized founding home. The only pronounced colors in the tasteful nursery are the backs of volumes that read as: "Care of Children," "Is Pure Milk Pure?" "The First Six Months," etc.

An intensive days study was spent

to note the outward movements and apparent tendencies of the child. The committee of thirty then met and mapped out a suitable day's program that will be lived up to systematically, but will, at the same time, dovetail in with the individuality of the charge.

No Dauphin ever had such an anxious retinue hover round its royal carriage, as this blue-eyed experiment. The child frowns, as one the onlookers tremble and simultaneously pull out pocket editions for reference. The child whimpers—the books drop. The group breaks up into well organized squads. Some make for the bottle. Some seek the thermometer, while the rest jiggle the buggy at a regular six-beat time. The child cries out—visions of falling grades merge in six minds, until one is pierced with a thought that seems instinctive. She feels around finds the trouble and feels around finds the trouble and

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work their way through school.

**Good Positions For Girls.**  
The department has some splendid positions waiting for some energetic girls to grab up but up to date there have not been very many of the girls looking for these positions. But the positions offered to the boys are far too few to meet the demand of the male students for positions.

Just why the boys should prefer to work more than the girls is a hard question to solve. It has usually been argued that the girls are better at school than the boys and that they are just as desirous as the boys to obtain higher education. Yet actual figures prove that fewer girls continue their schooling by methods which they themselves must provide than do boys.

Whether the girls go to work immediately after finishing high

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