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GILBERT TO SPEAK ON PROHIBITION

NEW ORGANIZATION TO BE FORMED AND WORK BEGUN

ORATORICAL CONTEST FEB. 1

The Winner in This Contest Will Represent the University in the District Contest—Membership Rapidly Increasing

Mr. H. J. Gilbert, of the University Book Store, will speak to the Inter-collegiate Prohibition association at the Temple theatre next Thursday evening, on some phase of the prohibition question. Following the speech a business meeting will be held, at which the local organization will be formulated, new officers elected, a constitutional committee appointed and steps taken to get a couple of courses on the study of the liquor problem in this state in the University curriculum next semester.

The local branch of the association has been very active since its organization early this fall. Last Wednesday twenty members, aided the W. C. T. U. in circulating petitions to submit the question of prohibition to the people in 1916.

All the members will take the petitions home with them at Christmas and circulate them. They will show the people of the state that the University of Nebraska does not stand only for fraternities and society, but also for some of the nobler things of life. The membership has increased by thirty-five new students, who joined the association without any solicitation whatsoever.

About February 1, 1916, the first Prohibition Oratorical contest will take place. This will be a local contest with prizes of \$25, \$15 and \$10. It will be the only oratorical competition of this kind in the University. Every student who intends to compete, must report his name and subject to George Craven before December 15.

The winner will represent the University in the state contest. The winner of that contest will again represent the state in the district contest, which is composed of seven or eight western states. The three winners of the three district contests will compete in the national contest, which will be held in two years, and where a sum of \$500 will be awarded as first prize.

WILL SPEAK ON MINISTRY

Dean Brown, of the Yale School of Religion, Will Be Here for Only a Short Time

Dean Charles R. Brown, of the Yale School of Religion, will speak on "Ministry" in the Dramatic club hall of the Temple at 4 o'clock today. Wesleyan and Cotner students will attend with the Nebraska students. Dean Brown spoke at Convocation last year but he will be unable to do so this year, as he arrives at 1:20 o'clock Friday afternoon and leaves Saturday evening for Iowa university. Anyone who desires a personal interview with him should call at the University Y. M. C. A. office.

ANSWER PEACE LETTERS

Majority Favor Delay in Matters of Armament—Figures Are Given Below

The Nebraska Peace society recently sent a letter to its members, asking them if they were in favor of increase of the army and navy; if they favored delaying the program for "preparedness," and if they favored a conference of neutral nations.

As to increase of army and navy, 13 replied in favor and 41 against. Twelve favored the increase of the navy and 41 opposed. The vote on delay was 73 for and 10 against. Seventy-eight were in favor of a conference of neutral nations and 4 were not. There were 150 letters sent out and a total of 84 replies received.

Will Long, who has been at the Phi Gamma Delta house for the past two weeks, has returned to his home at Buffalo, Wyo. He will return and enter school the second semester.

PURCHASE NEW MICROSCOPE

Chemistry Department Boasts of an Excellent Instrument—Made by the Zeiss Company

The Chemistry department has purchased a new ultra-microscope. It is one of the best in the country, and was made by the Zeiss company.

The ultra-microscope makes use of the tyndall cone of light, so as to render visible particles smaller than the wave lengths of visible light.

It consists essentially of a microscope and a system of lenses for throwing the focal point, of a powerful cone of light, into a small cell on the stage of the microscope. This latter system is composed of a series of lenses, screens and condensers, which are mounted with the microscope on a heavy iron stand.

The light is obtained in the first instance from the sun by a heliostat. With this microscope the light reflected from particles as small as six-millionths of a millimeter can be seen. A solution containing particles no larger than these appears apparently clear to the unaided eye and even under an ordinary microscope. With the ultra-microscope the average size of particles and the average distance through which these particles move can be determined.

It is interesting to note that although the size mentioned above is very small, it is still probably considerably larger than the size of molecules of most of our common substances. The motion of these smaller particles is much more rapid and extends over a greater field than one would suppose. These smallest particles, in the case of gold, show a motion of transaction of from one hundred to one thousand times its own diameter in from one-sixth to one-eighth of a second and a motion of oscillation much more rapid.

The light from particles of gold, platinum and a few other metals, is much easier to see than the light reflected from many other substances. This is because of the great difference in density and light reflecting power.

The ultra-microscope is especially useful in the study of colloids and their solutions. It is not only interesting to the chemist, but to psychologists and biologists as well. The one in the chemistry department will be used by the students of physical chemistry.

GLEE CLUB TO BE ORGANIZED SOON

MRS. RAYMOND TO HAVE CHARGE OF ORGANIZING IT

WILL HELP EXTENSION WORK

Glee Clubs in Other Schools Are Second Only to Football Teams and Rowing Crews—A Club of Twenty Planned

At last the rumor that has been circulating about the campus for the past month has become a fact and Nebraska is to have a Glee club. Nearly all the members of last year's club, which made such a success on its tour throughout the state, are back in school this year and are enthusiastic over the prospects.

Mrs. Carrie B. Raymond, who has directed the club for the last two years, is to have charge again this year, and expresses herself as being very glad of a chance to develop what she calls her "pet hobby." There is an abundance of very good material and there is not a doubt but that under the able direction of Mrs. Raymond one of the best musical clubs in the country can be formed. It is planned to have a club of sixteen or twenty men carefully selected, not only for the quality of their voices, but also for the appearance they will make upon the stage, thus assuring a balanced, congenial crowd that will enjoy the getting together and singing. For a long time the music committee has been doubtful as to whether there was enough spirit shown to make the Glee club a real success, and only after repeated inquiries by both students and members of the faculty have they finally consented to push the proposition. They feel that a good Glee club is a valuable asset to any institution, and that certainly a school

(Continued on page 2)

TICKET SALE IS GOING WELL

Cornhusker Banquet Tickets Are Going Fast—Good Evening's Entertainment Promised

The ticket sale for the Cornhusker banquet had almost reached the 300 mark yesterday noon, and with the renewed energies of the committee, it is expected that the full 400 tickets will be sold to loyal Cornhuskers before night.

The success of the sale so far promises the largest crowd entertained at a Cornhusker banquet in years.

Several of the fraternities are working up stunts which will add to the success of the evening and the committee promises to everyone present an entertainment which will be remembered as a landmark in his college career. The banquet will be held at the Lincoln hotel this evening at 6:15 sharp.

Dr. Luckey Prepares Paper

Dr. G. W. A. Luckey has been asked to prepare a paper on the subject of "The Function of the Graduate School of Education," to be given at a meeting of the National Council of Education of N. E. A., in Detroit, the latter part of February.

SENIOR CAPS ON CAMPUS

Dignified Seniors Proud of Their New Insignia—Headgear Seen for the First Time This Year

Senior caps dotted the campus yesterday for the first time this year. They assembled in numbers at the foot of the stairs in the library hall just before Convocation.

They seemed to enjoy the Harmonique program given by Mrs. August Molzer, Miss Lillian Elche and Miss Frances Morley, if the nodding and waving of tassels would signify anything.

Art hall has far too few seats to accommodate the many people who appreciate these musical numbers, as was demonstrated yesterday by the large audience.

Elizabeth Hyde, '14, whose marriage to Charles Roberts, will take place on December 11, will be the guest of honor at a number of social functions given during the next few weeks.

POSTED CHEMISTRY MAXIMS

Some Excitement Is Caused by the Notice on the Bulletin Board—Seventeen Rules Laid Down

Much excitement was created in the Quantitative Chemistry laboratory by a notice which was posted on the west bulletin board. The following sixteen maxims were posted and one or more applied to each of the "medics" who work there. The notice ran as follows:

1. There is no such phrase as "clean enough."
 2. Never scrub off tomorrow what you can dissolve today.
 3. Towels are used for drying, not for rubbing off the dirt.
 4. Neighbors' eyes were not made for targets, nor their noses for fume receptacles.
 5. Glass and porcelain have been known to break when exposed to sudden changes of temperature.
 6. Weights and hot crucibles should not be held in the fingers.
 7. Note books have good memories. Jottings on loose papers are useful—if you can find them.
 8. An unrecorded experiment was never begun.
 9. Chemical equations explain reactions, but do not describe them.
 10. Too much reagent is as bad as too little, and the latter fault may be remedied.
 11. Repairing damages takes much longer than avoiding them.
 12. Balance cases weren't made for slop jars.
 13. It is not necessary to spend all one's time in the balance room. "Important conversations" may conveniently be carried on when one gets closer to his neighbor.
 14. Two hours is usually ample time to make a weighing.
 15. If one wishes to weigh himself or other live stock, use the finest balance obtainable.
 16. Much noise is said to be conducive to good results in laboratory. If one is unable to talk, swear, cough, or whistle very loudly. Singing may be attempted. "Music hath charms."
 17. Work like Helen B. Happy.
- The above rules may be applied to other chemistry classes as well, and so many would not dislike chemistry.

S. R. Buck, who has been practicing law in Philadelphia, is a visitor at the Phi Gamma Delta house.

HOME ECONOMICS HONOR MRS. RICHARDS

PAY TRIBUTE TO PIONEER ORGANIZER OF THEIR WORK

EARLY GRADUATE OF VASSAR

She Was the First Woman to Graduate from Massachusetts Institute of Technology—Helped to Organize Nebraska Economics

Home Economics people all over the country are celebrating today in honor of Mrs. Ellen H. Richards, the great organizer of the Home Economics movement. Nebraska students should feel particular interest in the life of Mrs. Richards, as she was present at the dedication of our Home Economics building in 1908, and helped to organize our department. She was essentially a pioneer and opened up to women many new avenues of usefulness. Her keenness of mind and nobility of character made her one of the most influential women of her day.

Mrs. Ellen (Swallow) Richards was born December 3, 1842, in a little village in New Hampshire, of sturdy Puritan parentage. Her early education, which would seem woefully deficient in these days, was good for that time. Mrs. Richards had a great longing for knowledge, and in 1868, she entered Vassar, which was then in its infancy, struggling to overcome the prejudice against higher education for women. Her splendid work helped to mold the college's standards. Mrs. Richards naturally was inclined toward scientific studies, and after graduating from Vassar, she obtained entrance to the Massachusetts Institute of Technology, being the first, and for several years, the only woman student. Her work won speedy recognition, and for many years she worked there on problems of sanitary chemistry. Several years later she succeeded in getting a woman's laboratory connected with the institute.

Investigations in sanitary chemistry showed Mrs. Richards the need of more scientific training for housekeepers, and much of her spare time was used in crystallizing the science of Home Economics. In 1908, the American Home Economics association was organized, with Mrs. Richards as president. Her splendid ability for leadership gave the organization an impetus which is still working.

DRAMATIC'S PLAY POSTPONED

"The Melting Pot" Will Not Be Given December 10, as Planned—To Come After Christmas

"The Melting Pot," which was to have been given December 10 by the Dramatic club, has been postponed until after Christmas because of the Nebraska-Kansas debate scheduled for that night.

The Dramatic department will shortly announce some very interesting plays for the rest of the school year. Work on the production of one of Shakespeare's plays is already announced.

Cornhusker Banquet Tonight! Got Your Ticket?