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ENGINEERS START WORK ON THESE FOR GRADUATION

Six Mechanical Engineers Making Investigations of Different Subjects for Reports.

TO DO EXHAUSTIVE WORK

Refrigerating Machine for Home Use Is Under Construction at the Present Time.

Topics ranging from the design of mill wheels to the heating of motor buses are being investigated by six senior mechanical engineers for these reports, according to information given out yesterday by Prof. W. L. DeBaufre, head of the department.

Water wheels are being examined by H. E. Fox, household refrigeration plants by H. M. Klentschy and W. R. Little, gas burners by P. C. Kreuch, kerosene efficiency by C. E. Wilcox, and heaters for motor buses by T. A. Weir.

The economic design of water wheels using whirler strips is being studied by Mr. Fox. The use of whirler strips increases the rate of heat transfer to the water flowing through the tubes. Professor DeBaufre explained, but they also increase the frictional resistance to flow. Mr. Fox's object is to determine whether a more economic result will be accomplished in using such strips at different pitches. Tubes for his investigations were furnished by the Northwestern Pump and Machinery Company of New York, and the whirler strips were presented by the Michigan Copper and Brass Company of Detroit, Michigan.

Under construction at present, is a refrigerating machine of a size suitable for use with a household refrigerator, designed by Mr. Klentschy and Mr. Little. The performance of this machine will be determined by experiment, and this performance checked against the requirements for commercial refrigerators.

The efficiency of gas burners used in household appliances is being studied by Mr. Kreuch. The Lincoln Gas and Electric Company has furnished some of the apparatus required in his investigation.

Mr. Wilcox is investigating the use of kerosene as compared with gasoline as a fuel in the Cushman one and one-half horse power engine. The Cushman Motor Works has loaned one of these engines for the investigation.

The design of heaters for motor buses using exhaust gases from the engine is Mr. Weir's subject. He is connected with the business of building motorbus bodies in Omaha.

Plans for abolishing the freshman and sophomore classes at the University of Michigan have been proposed to the state legislature. Two years of collegiate work with not less than 66 hours credit in some other college will be required, making the university merely a finishing school.

Dr. Harlan Updegraff, professor of educational administration of the University of Pennsylvania, was elected President of Cornell College at Mt. Vernon to succeed Dr. Charles Wesley Flint, who resigned a year ago to become chancellor of Syracuse University. Dr. Updegraff will take office on July 1 of this year.

A Lenten Thought for Every Day

Help us to find our chief delight in work, wherein we join our hands, our brains, our hearts to Thy power, Thy laws, Thy love. May we choose that task which most taxes our highest powers, and best serves the world's deepest need. May we do it with such skill, such thoroughness, such joy, that it shall have about it the strength of the mountains, the freedom of the streams, the gladness of the sunshine the fertility of the fields the beauty of the stars and flowers. Thus may we become not mere creatures, but creators; not one of Thy works, but Thy co-workers. Amen.

—WILLIAM DEWITT HYDE.

Investigation Discloses Many Gum Chewers Among Ohio State Students

Students in the College of Arts chew more gum than those in any other college.

This decision was announced following an inspection of classrooms Tuesday night. The familiar old system of exploring under the arms of the chairs was employed; and on a percentage basis it was discovered that arts students rank high, while engineers made the lowest score.

Among individual classrooms, one in which geology is taught had a standing of 24 wads of gum out of 61 seats, while a physics lecture-room showed the lowest rating, with a score of 20 out of a possible 240.

In the field of class competition, the freshmen carried off first honors. Approximately 26 percent of the yearlings indulge, and no other class came closer than within six percent of that records.

Whether or not the study of a language is conducive to the use of gum could not be determined. However, nine wads out of 30 seats in an English classroom and eight out of the same number in a French room seemed to indicate that the habit is

popular among students of language.

Commerce college members have a low rating, the room examined yielding only 17 out of a possible 75 seats. Lawyers made a little better showing with 15 wads on 60 chairs. Chemists, mathematicians, and journalists are about on a par in the matter of chewing, there being about eight out of every 30 gum-parking spaces reserved on seats in these classrooms.

Efforts to discover any traces of the habit among the faculty were in vain. Instructors either confine their chewing to the zones outside of classroom or else abstain altogether. Even Embryo teachers evidently are getting down on the practice. One room in which classes in the college of Education are held made a showing of two percent.

As to the favorite brand used by college men and women, no method of analyzing could be employed by the investigator. Whether Mr. Wrigley enjoys a greater patronage on the campus or Dr. Beeman has a larger circle of followers can be determined only by conducting a survey in the stores near the University.—Ohio State Lantern.

FRESHMEN ENGINEERS MAKE HIGH AVERAGE IN SPELLING CONTEST

General Average of Class of 126 Students Is 95 Per Cent—A. A. Reed Director.

Freshman engineers possess a higher degree of intelligence than the average University freshman judging from the results of an examination in spelling conducted by Prof. A. A. Reed, director of the University Extension Division, Monday, March 5 at 5 o'clock in M. E. 206. He distributed slips of paper to 126 freshmen engineers, and rapidly read twenty sentences, pronouncing the word to be spelled after reading each sentence. Dean Ferguson explained the results of the test last Monday in the same room at the same time to the same group of men.

Thirty-six of the papers turned in were without error. "Limb" was the one word that no one missed. It was the first word pronounced. It may be that the words grew increasingly difficult, and it may be that the freshmen became rattled. Anyway, six misspelled the sixth word, "illustration"; seventeen the thirteenth word, "consequence"; twenty-four the fifteenth word, "sufficient"; and thirty-eight the nineteenth and twentieth words, "competitive", and "deliberately."

"Honest," the second word on the list was mistaken by just one person. Twenty-seven misspelled one word—not the same word, however. Nineteen misspelled two words, eighteen three words, twelve four words, three five words—and so on—and two spelled wrong half of the words pronounced.

Incorrect pronunciation, and inability to visualize words, were the two faults to which Dean Ferguson ascribed the greater part of the wrong spellings.

Ninety-five per cent was the general average of the class, an unsurpassed record. The previous record was ninety-four and forty-six hundredths.

State Game Warden To Address Bruner Bird Club Thursday

The Bruner Bird club, of which Leonard Worley is president, will be addressed at its next meeting, which will be held Thursday, March 15, at the Huntsinger home, 1223 H street, at 8 o'clock, by George G. Koster, state game warden who will speak on "The Game and Bird Laws of Nebraska and the United States." The speech will be followed by a discussion of study of birds' nests. A question box is the feature of the meetings of the club.

Saturday morning the members will go on a field trip to study the birds in Wyuka Cemetery and the Stevens Creek region.

All students who are interested in the study of birds are cordially invited to attend the meetings of the club, which are scheduled for the second Thursday of every month through the spring and summer.

CIVIL SERVICE EXAMS OPEN TO ALL SENIORS MAJORING IN PHYSICS

Competitive Examinations for Positions of Meteorologist to Be Held March 21.

Senior students majoring in physics or meteorology will be admitted to an open competitive examination for meteorology scheduled to be held throughout the United States March 21, if they are otherwise eligible. Students must furnish proof of actual graduation before June 30, 1923.

Vacancies are always occurring in a force as large as the Civil Service, and the government always needs men and women. Applicants in many of the positions are not required to assemble for written examinations, but are rated principally upon their education, training, and experience, as shown by applications and corroborative evidence. Applications are accepted at any time so long as the need exists.

For positions listed at salaries not exceeding \$2500 a year Congress has authorized practically all the departments and independent offices to pay, in addition to the salaries stated below, an increase of \$20 a month.

Many of the examinations are for positions in Washington, others are for field branch jobs. Students desiring more information about the Civil Service examinations should call at the Civil Service window of the city post office.

Freshmen Elect Minor Officers

The first Freshman class meeting of the second semester was attended by a large body of the followers of the green. Much rivalry was shown in the nomination and the election of officers for the second semester. President John B. Welpton presided at the election and the following officers were chosen:

Vice president, Norman Plate. Secretary, Lucille Horde. Treasurer, Katherine Everett. Sergeant-at-arms, Emmett June.

President Welpton and the above officers will meet in the near future to appoint committees. These committees will be announced in a few days.

The University of Iowa has been turning out some of the best athletic teams in the middle west or even as good as any in the United States. The consensus of opinion seems to give the wonderful Iowa spirit and the fine coaches that they have a generous share of the credit for the Hawkeyes success in the athletic world.

The freshmen of Indiana University pledged \$150,550 in eleven hours, boosting the stadium fund to over \$1,000,000. In consequence of the untiring work of the committee, Pres. Bryan sanctioned a vacation for all pupils for two days.

BLOCK AND BRIDLE CLUB TO SPONSOR PARTY MARCH 17

"An Irishman's Mixer" Will Be Held at University Armory on St. Patrick's Day.

MANY SPECIAL FEATURES

Proceeds Go for Plaques with Winners Names of Judging Contest Engraved on Them.

An Irishman's Mixer, under the auspices of the Block and Bridle club of the College of Agriculture, will be given at the Armory Saturday, March 17 at 8:30. There will be a special old-time square dance, "for the benefit of those who have just come over, and are not on to the ways of our modern methods," according to the chairman of the committee.

The proceeds of the party are to go toward purchasing plaques, which will become the property of the University. The names of the winners of the Students' Livestock Judging Contest will each year be engraved on these plaques, which are made of heavy copper, and on which is engraved "The State of Nebraska." The tablets will be placed in a conspicuous spot on the campus of the Agricultural College.

The committee for the party, as announced by Floyd Warren, president of the club, are Hobb Turner, chairman; Wilber Shainholtz, and Clyde Walyer. Tickets will be fifty cents and can be procured from any member of the club, or at the door Saturday night.

Decorations in the traditional green of the Irish will carry out the motif of the affair. An orchestra of the same nationality will furnish the melody for the affair.

The following is the announcement as sent out by the chairman of the committee:

"Pack up your troubles, close up your books, forget your midsemester exams, and come to the big mixer, Saturday is All-Irishmen's Day, and plans are being made to stage on of the biggest mixers of the year to celebrate the occasion. You don't have to be an Irishman to attend, but all Irishmen are requested to be present to help add to the atmosphere of the "Day We Celebrate." If necessary, help the ol' lady with the washin' so she too may be on hand. All the Emerald Isle lassies will be there with bells on. A real old time Irish orchestra will furnish music and add to the merriment of the evening."

EDUCATION BUREAU WILL HOLD ANNUAL CONVENTION APRIL 14

Will Be Third Annual Gathering for Workers—To Be Held in New York City.

The third annual convention of the Workers' Education Bureau of New York City will be held April 14 and 15, according to a bulletin sent out by the president of the organization, James H. Maurer, and the secretary, Spencer Miller. The sessions of the convention will be held in the auditorium of the New School for Social Research, 459 West 23 street, and will begin on Saturday morning, April 14, at 10 o'clock. The public is invited to attend the meetings.

The bulletin reads as follows: "During the past twelve months the American labor movement has faced problems in the industrial world which have touched the underlying aims and policies of the labor movement itself. It has been an informing experience. Leaders of labor as well as working people generally have come to appreciate that, whereas organization and co-operative effort is necessary to express collective aims, education is necessary to make organization responsible and effective. "Furthermore, the increasing responsibility that is being placed upon workers as members of their unions and as citizens in the community makes universal higher education a necessity for good citizenship as well as for union membership.

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"The local chapter of Sigma Delta Chi has voted to abolish the Shun as a University publication. The University authorities confirm this action, and announce that no Shun or similar publication in connection with University Night will appear in the future," says an announcement from the office of the Chancellor, given out Tuesday afternoon.

Chancellor Avery declined to discuss the subject, saying that there had already been too much talk concerning the Shun.

MISS SARAH T. MUIR TELLS OF WOMEN IN JOURNALISTIC WORK

Lincoln High School Instructor Addresses Girls at Vesper Services Last Night.

Miss Sarah T. Muir of the Department of English at the Lincoln high school spoke at the regular Y. W. C. A. Vespers yesterday on the subject of "Women in Journalism." The service was led by Anna Hines and special music was offered by the Vesper Choir. A vocal duet by Gladys Kleinke and Mrs. Smalley completed the musical program.

Miss Muir said that while she was not a journalist, as an outsider she could give an opinion on it as a profession for women. "Women in Journalism must take the long view instead of the short view for what counts is what it will do for us rather than what we earn. Women in newspaper work are not especially well paid and this is a deterrent to them. But newspaper business is alluring and interesting to women.

There is no trick about writing. It is the culmination of training and ability. News is something out of the ordinary. To pack what you want to say into a few words is news sense. The other quality of news is accuracy. It is not very well developed in the average student, because of observation. No profession holds more completely the happiness of people than Journalism it embraces a field for the young woman if she wants to work.

At Vespers next Tuesday, Holy Week will be observed. The whole service will be in charge of the Vesper Choir.

The Senior Girls' Advisory Board will be hostesses at a dinner at Ellen Smith hall, Thursday evening at 8 o'clock. The dinner will be prepared by a committee from the Board. A program will be given and music will be furnished for dancing. Tickets can be secured from members of the Board and at Miss Clark's desk at Ellen Smith Hall.

Employment Bureau Secures Many Jobs for Needy Students

William G. Alstadt, secretary of employment of the Y. M. C. A. reported that last month thirty-five jobs were located for University students. These included jobs for working for board and room, salesmanship positions, collecting and advertising jobs. This makes a total of 989 permanent jobs found this year. Mr. Alstadt estimated the earnings of the men on these jobs at \$25,800.

The Lion's Club has been especially active in sending in jobs to the Y. M. C. A. employment office. Letters are being sent to all the clubs in the city urging them to send to the office all open positions.

Iowa State's championship relay team further strengthened their hold on national honors in that event by winning from the "flower" of the middle west's two mile teams in the Illinois Relay Carnival, the blue ribbon classic of the season, at Urbana, last Saturday night.

The Cyclone team won easily in \$:06 three seconds over the record, and at no time during the race were the Ames fliers forced to extend themselves. Wisconsin, Kansas and Notre Dame finished in the order named.

Jan Ignace Paderewski, ex-premier of Poland and celebrated piano composer, recently had the honorary degree of Doctor of Laws conferred upon him by Dr. C. B. von Kleinsmid at the University of Southern California.

CHARACTERS CHOSEN FOR KOSMET PLAY

Lewellen Hawley and Oliver Maxwell Have Leading Parts for First Act of Production.

COOMBS AUTHOR OF PLAY

"Yellow Lantern" Will Be Given with Many High Class Musical Numbers This Year.

Llewelyn C. Hawley and Oliver Maxwell are chosen for the leading parts for the first act of "The Yellow Lantern," to be staged the latter part of April at the Orpheum by the Kosmet Klub, according to announcement made yesterday by Fred H. Richards, president of the Klub. The cast of the third act will be announced soon, he said. Hawley is a junior law, and Maxwell is a member of the senior law class.

For the leading Chinese characters, the following were chosen: Edmund Nuss, is a member of the senior law class; Welch Pogue, a sophomore law; Dwight J. Merriam, a student in the College of Arts and Sciences, and William B. Quigley, a junior law.

Orville Andrews who is known because of his work in the DeMolay show is cast for one of the more important parts.

Minor characters are: William W. Norton, Claude E. Sutter, Harris A. Poley, Charles F. Sperry, R. B. Felton, Merle Loder, Wallace S. Porth, William E. Bradley, Paul D. Stitzel, James D. Marshall, Leland R. Snider, Charles F. Adams, Robert F. Slattery, Edward C. Kelly, Chester E. Beardsely, and Joe Pizer.

Cast for Second Act Out Soon.

The cast for the second act will not be announced until rehearsals for the other acts have been well under way according to members of the Klub.

"The Yellow Lantern" is a Chinese musical comedy, written by Cyril L. Coombs, a senior in the College of Law, who is well known in dramatic circles and who is a member of the University Players. The production was chosen in a contest conducted by members of the Kosmet Klub for its annual spring production.

Song Featured at Formal.

One of the songs, "Underneath the Chinese Moon," was featured at the Pan-Hellenic formal which was sponsored by the Kosmet Klub. The cast and chorus for this production is one of the largest ever used in a play by the Kosmet Klub.

More than 135 students tried out for parts in the play. Because of the great number of co-eds the judges were unable to decide upon the list for the second act, in which the girls appear.

Rosanna Williams, a sophomore in the College of Arts and Sciences, was chosen pianist for the rehearsals and production at a contest held by the Klub three weeks ago.

Chess Club Wins First Match from Minnesota Players

The Chessnuts, a new organization for chess players at the University of Nebraska, are playing a chess match through the mails with Minnesota. At the present time, but one game has been finished with the victory accredited to the Huskers.

The Chessnuts are a new club on the campus composed of the leading chess enthusiasts of the University. The captain and four members of the Nebraska State Chess team are enrolled in the organization.

Meetings are held every two weeks at the Temple. At the last meeting Dean Engberg played thirteen games at the same time with members of the organization. The result of the thirteen to one match was one loss, two draws and ten wins for Dean Engberg. A round Robin tournament will be held at the next meeting.

Officers elected for the coming semester are: C. B. Philip, reelected for president; Archibald Elliott, elected secretary and treasurer.

More sophomore candidates for student manager in track are needed at once. Those wishing to try-out should report to H. D. Gish at the athletic office immediately.