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WOMEN'S BUILDING DEDICATION TO BE SATURDAY, MAY 7

Music Will Be Furnished By Portland Symphony Orchestra.

ENTIRE DAY DEVOTED TO FORMAL SERVICES

Dr. Reinhardt, Mills College, and Rabbi Wise Main Speakers.

The formal opening and dedication of the Women's building will take place Saturday, May 7, and the exercises will take up the entire day. Extensive preparations have already been made for the program, including speeches and musical numbers, which will be concluded by a concert by the Portland Symphony orchestra.

"The event is not only in itself a fitting climax to the opening of the Women's building," said Dean Landsbury, of the school of music, regarding the orchestra's appearance on the campus, "but it is a most important musical event for Eugene, because it will show the spirit of co-operation and gratitude felt by the University toward Portland. This concert ties up the two interests and shows our desire to show our appreciation for Portland by our desire to help her orchestra."

Portland Man to Play.

David Campbell, pianist of Portland and formerly an Oregon student, will be a soloist for the orchestra and will play the Tchaikowsky concerto. Dean Landsbury considers him one of the greatest of the younger generation of pianists and his playing of the concerto is an event which should not be missed.

Dr. Aurelia Rinehart, president of Mills College, Oakland, will be chief speaker of the morning services, and will talk on the importance of physical education for women. Rabbi Jonah B. Wise will deliver the invocation at the afternoon exercises of dedication and acceptance. Governor Olcott, Lawrence Wheeler, of the Portland Telegram, Dean Straub, Homer Angell, Frank Chambers, Mrs. Alexander Thompson, A. C. Dixon, and Judge J. W. Hamilton will give short addresses, and Bishop Walter T. Sumner will pronounce the benediction.

Most Interesting in History.

"The opening of the Women's building will be one of the most interesting dedications in the history of the University," said President Campbell. "The dedication is in the recognition of the generosity of the many friends of the University who have contributed more than \$100,000 towards its construction and of the generosity of the state for the appropriation granted for the building."

The place of the Women's building on the campus will be two-fold: First, it houses the department of hygiene and physical education for women, to which approximately two-thirds of the building is devoted; secondly, the east wing of the building will fill a long-felt need in the social life of the University. Club rooms, and social rooms for University people and alumni will accommodate every organization, large or small, making the building of singular importance and interest to every member of the University family.

VESPERS PROGRAM ARRANGED FOR MAY 8

Professor Graham Taylor, of Chicago University, to Speak at Sunday Meeting.

Mother's Day, May 8, will be observed at the University of Oregon by a 3 o'clock Vesper service in Villard hall, at which Professor Graham Taylor, of the University of Chicago, will be the principal speaker.

Professor Graham Taylor comes as a result of his friendship with Bishop Sumner, who has characterized the Professor as the best informed social service worker in the United States.

At the student assembly, May 12, the professor will speak again, probably on some industrial subject, according to M. H. Douglass, who is in charge of bringing the speaker to the campus.

Between his two speeches at the University, Professor Graham will address meetings at O. A. C. and in Portland.

Professor Taylor, besides being a theological professor, is associate editor of the Survey and heads the Chicago Commons, a social center.

"It will be a real privilege to hear the professor," says Mr. Douglass.

OREGON LOSES FIRST GAME TO WASHINGTON

The Oregon baseball team lost to the University of Washington yesterday 8-1. Gray, pitching, held until the third inning, when the Sundoggers scored a run on two hits. Washington scored five runs in the fifth inning, Latham replacing Gray in the box.

Score— R. H. E.
Oregon 1 2 4
Washington 8 11 2

SIGMA DELTA CHI ELECTS FIVE MEN

Gratke, Guyon, Youel, Allen and Maxwell Honored.

Five men were yesterday informed of their election to Sigma Delta Chi, national honorary journalistic fraternity, and are now wearing linotype slugs on their lapels as a symbol of their pledge. The new members are Floyd Maxwell, Kenneth Youel, Wilford Allen, Charles Gratke and Fred Guyon.

Each of the neophytes is a major in the school of journalism and all but Allen and Guyon are members of the sophomore class. Allen is a junior and Guyon a special student. It is the custom of the fraternity to elect twice a year, once in the fall and again in the spring. Members are as a rule chosen at the end of the sophomore year or at the beginning of the junior period.

An active part in student publications has been taken by each of the newly elected men. Maxwell has acted as sport editor of the Emerald for the past year and was also a member of last year's news staff. This year he is editing the sport section of the Oregana. Kenneth Youel served on the news staff of the Emerald for some time and was later promoted to a night editor, which position he now holds.

Wilford Allen is also a night editor on the Emerald. He was formerly city editor of the Grants Pass Courier, having left school last year to take that position. Charles Gratke has for the past year served as news editor of the Emerald. He was a member of last year's news staff and also was on the Oregana staff last year. This year he is working with Maxwell in editing the sport section of the Oregana. He at one time was city editor of the Astoria Budget.

Fred Guyon has been a reporter on the news staff of the Emerald since the beginning of the fall term and has proved himself a good writer and a dependable member of the staff. The old members of the fraternity now on the campus are Harris Ellsworth, Harry Smith, Alexander Brown, Raymond Lawrence, Gene Kelly, John Dierdorff, Stan Eisman, Raymond Vester and Carlton Logan.

HIGH SCHOOL ALGEBRA SUBJECT OF PAMPHLET

Prof. H. R. Douglass Publishes Treatise to Make Possible Systematic Study in Schools.

To make possible a systematic study of the teaching of algebra in the high schools of the United States, is the purpose of a study just completed by Professor Harl R. Douglass, of the school of education. The result of the study, together with an elaborate system of tests devised by Professor Douglass is published in a pamphlet entitled "The Derivation and Standardization of a Series of Diagnostic Tests for the Fundamentals of First Year Algebra."

In his preface, Professor Douglass says:

"It is the purpose of this study to do the following things: First, to determine what seem to be the fundamental formal processes in first year algebra as commonly taught in the secondary schools of the United States; second, to select for each such fundamental process a number of problems which require for their solution varying degrees of mastery of these fundamental processes in their various schoolroom aspects; third, to standardize the results obtained by giving the problems so selected to a large number of first year high school students, so that definite objective standards of attainment may be set up; and fourth, to point out the uses and values, and limitations of tests so devised."

Besides numerous tests, graduated and constructed so as to be easily applicable to all cases, the pamphlet includes a treatise on the limitations of study, methods of study, material of the tests, and the fundamentals of both the tests and the studies which they cover.

UNIVERSITY BUDGET PROVIDES EXTENSIVE RESEARCH PROGRAM

16 Pieces of Work in Sciences Accepted By Committee As Participants.

PROPERTIES OF ALLOYS TO BE INVESTIGATED

Experiments Now In Progress to Be Materially Aided By Fund.

Although members of the faculty of the University of Oregon have done considerable research in past years, and a few of them have received small special allotments for materials and equipment, the University has never set aside a definite budget for research until 1921. This year it has made the first of what is expected to be an annual series of research appropriations, from which the faculty men will be assisted in their original contributions to the mass of human knowledge.

The faculty committee appointed to administer the research budget for this year has accepted 16 pieces of work as participants in the appropriation. Because the budget is still comparatively small, the men doing these researches had to be held down rigidly; and several researches were crowded off altogether. Nevertheless, a number of men in the pure sciences, and in law, will be enabled this year to go ahead with important original work.

Caswell Conducts Research.

A specimen piece of research included among the 16 is that in the thermo-electric properties of metals, which is being conducted by A. E. Caswell, Ph. D., professor of physics, who besides previous work at the University of Oregon has already worked on this problem in the east one year under the auspices of the National Research Council. The research involves a study of the relation between the electric, thermal, and magnetic behavior of strips of different metals. These metals are subjected to varying temperatures, and are observed for the effect on their atomic and molecular properties, including the mechanism of the conduction of electricity in solids. It is Dr. Caswell's hope that the outcome will have a practical application to the determination of the proportions of metals that go to form alloys having definite required properties; in other words, he is seeking a short cut to the composition of certain alloys. Several years more will be consumed in this research if it seems that it will be successful. A few hundreds of dollars will be available from the research budget for equipment, such as containers for liquid air, and for liquid air itself, so that the metals may be studied under extremely low temperature; also for an electro-magnet that they may be studied within a magnetic field.

Tables to Be Prepared.

An interesting piece of research in mathematics is being carried on by W. E. Milne, Ph. D., professor of mathematics, who expects to prepare tables that will make possible the solution of problems in certain types of wave motion. An important practical application is found in hydraulic engineering.

Other pure science researches are in progress in chemistry, geology, psychology, and biology. Roger J. Williams, Ph. D., assistant professor of chemistry, for example, is carrying on a research in the oxidation and reduction of organic electrolytes. H. R. Crosland, assistant professor of psychology, has just published an extensive research captioned "A Qualitative Analysis of the Process of Forgetting," which has been submitted as his thesis for the Ph. D. degree.

Grant Made to Clark.

In the social sciences, considerable research is under way in the schools of law and education, and the department of history. A small grant was made R. C. Clark, Ph. D., head of the department of history, in connection with an investigation in early northwest history, for which the copying of records in the British Museum Library is necessary. In the school of law, Professors Thomas A. Larremore and Sam B. Warner are making a study of the workmen's compensation laws of Oregon. Besides this, Professor Larremore is making a study of the office of public defender. The school of education has three pieces of research under way, conducted by H. D. Sheldon, Ph. D., dean of the school, C. A. Gregory, Ph. D., and F. L. Stetson, M. A.

The University research committee is

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Strange Sights To Be Seen In 1935 by Mr. and Mrs. U. O. Alumni When They Return

(By Madeline Logan.)

University of Oregon, November 15, 1935.—Among the visitors to the campus to attend the U. of O. A. C. football game this week were Mr. and Mrs. U. O. Alumnus, of Portland, whose son, Bob, is the well known captain of the varsity. Mr. and Mrs. Alumnus were prominent in the University in the days when Johnson hall was the center of the campus and the young medical students were still struggling along in dear old, cramped old Deady.

Did you ever wonder what Mr. and Mrs. Alumnus would see? At least two men on the campus now can tell you, and those men are President P. L. Campbell and W. K. Newell, superintendent of University buildings and grounds. Not only can they tell you, but they can show you pictures of the way the campus will look "When Dreams Come True."

First of all, Mr. and Mrs. Alumnus, of Portland, would not leave the train way down at the other end of Willamette street, but at "University Station." Oh yes, indeed, there will be such a place.

Across Eleventh street, back of Villard, will be the artistic little station where all trains will stop at "University of Oregon." Crossing Eleventh street they would enter the real front door of the University. This front door will be in the form of an entrance archway opening onto the path leading up through the campus between the Oregon building and the Commerce building. Crossing Thirtieth street, the path will lead through what is now Kincaid field, but it will not be a field then. It will be a beautiful quadrangle with buildings for classrooms and science laboratories. The second building on the right of this quadrangle,

Bob will point out as "The Library."

Continuing along the tree-lined path, they will enter the Memorial Court. This court, erected in honor of the University men who served in the world war, is one of the most beautiful and impressive spots on the campus. It will stand at the entrance of a massive auditorium which will no doubt be the center of the student life of the University. The wing of the auditorium to the right of the court is a sound-proof music building. It seems that the student of 1950 who aspires to literary fame will not be disturbed by those who dream of operatic triumph.

The left wing of the auditorium will be the University museum. Yes, a museum—that hope and dream of the days of 1921. Back of the auditorium is the building that was known in the days of '21 as the music building but it is now used as one of a group of men's dormitories.

Turning east from these, Bob will no doubt point out the residence halls for University women. Hendricks hall and Susan Campbell hall are as of old, only doubled. Yes doubled. On each side of these halls, with a central dining room between, is another hall, practically a duplicate of the first two. Imagine if you can, two buildings which together will house 450 girls.

In the center of the women's quadrangle, directly behind Johnson hall will be the household arts building. No, Mary Spiller hall is not here, its place has been taken by the addition to Hendricks hall.

No doubt Mr. and Mrs. Alumnus will find many more changes, but our imagination fails us just now.

MEN'S GLEE TO GIVE PEPPY PERFORMANCE

Program Tonight to Be Best Yet, Says Ingram.

"Tonight's the night," says Joe Ingram, press agent for the Men's Glee Club. "How do I know that it is the night? Because the gang is all hopped up. You'd think that they had all been drinking that old prohibition drink the hoboos used to call alk."

"Tonight's program has the Portland one cheated," he continued. "It is literally bristling with local color. Perhaps it would be better for all local celebrities to stay away so as not to be hit, but all others are sure to enjoy it. In second thought, too, I should advise all notables to be there in order that the remarks of the club may not be swelled by the telling and retelling of hearers into positive slander before it reaches their ears."

"And when the gang comes on with 'A Little Specialty' you'll find that some of the contraband drops are right off stage. A big laugh is guaranteed to everyone who is in good physical condition."

"She's sure been a great season," Joe said. "Of course, I'm not patting us on the back or anything like that, but we've knocked them for three and four pyramids everywhere we've been. In Portland we had to come back several times after each number to keep that Auditorium full of people from tearing the place down."

"Now don't think that this is mere press dope," I'm backing everything I've said. We've got the men and we've got the director and we've been giving all we have to put the club over. We are willing for the listeners tonight to judge our success."

"And, as a final bit of advice, be down to the box office early this morning. Those seats are going to go fast."

ECLIPSE HAPPENS ON TIME.

According to schedule, the moon eclipsed Thursday night. And, according to schedule—it went out—completely. Students who stayed up until the witching hour of 12 o'clock saw the celestial happenings in totality. Several who stayed up Wednesday night under the misapprehension that it was to take place then, missed the performance Thursday. J. E. Allison, of the University business office, is the only one who is reported to have waited up for the moon both Wednesday and Thursday nights.

DOUGHNUT DEBATES BEGIN WEDNESDAY

Sixteen Teams to Compete in Opening Next Week.

The inter-sorority debates have been postponed from Tuesday until Wednesday night of next week. The debates will be held at 7:30, but it has not been decided in what buildings they will take place. After these first debates take place the one half that receive the lowest number of points will be dropped out and finals will be held soon after to decide on the winners.

As the arrangement now stands the negative Alpha Phi team will meet Hendricks hall; the negative Oregon Club will debate Chi Omega; the Sigma Delta Phi will meet Alpha Delta Pi; the negative Chi Omega will debate Gamma Phi Beta; the negative Alpha Delta Pi, Zeta Rho Epsilon; the negative Hendricks hall team will debate Sigma Delta Phi; the negative Gamma Phi Beta will meet Alpha Phi, and the negative of the Zeta Rho will debate Oregon Club.

The question that will be debated is: Resolved, That the exemption of the Panama canal tolls originally extended to all American coastwise vessels, should be restored.

FORUM ARRANGES TALKS

Madeline Logan to Obtain Speakers For Programs on Labor Problems.

The Industrial Forum is planning to have four more meetings this term. Madeline Logan was appointed at the last meeting to arrange for speakers on future programs. The Forum has had a meeting as nearly as possible every week for the past term.

Jessie Todd is chairman and many prominent speakers have been secured. Labor problems that directly affect women workers have made up the subjects for discussions.

PULLMAN BEATS GONZAGA.

State College of Washington, Pullman, April 21.—With Jack Friel and Curley Skadan pitching airtight ball, and with real support from their team mates, the Cougars defeated the Gonzaga Bulldogs 2 to 1 Saturday afternoon.

PLEDGING ANNOUNCED.

Kappa Theta Chi announces the pledging of Troy L. McCraw, of Heppner, Oregon.

3 YEAR CURRICULA IN PRE-ENGINEERING IS GIVEN APPROVAL

Professional Preparation Work Offered By Oregon to Undergraduates.

CREDITS ACCEPTABLE AT RANKING SCHOOLS

Degrees Provided For After Completion of Fourth Year's Training.

Three-year curricula in pre-engineering which will fulfill the requirements of the first two years in professional engineering schools, and which will in addition provide that amount of work in the pure sciences and the humanities, which has become indispensable to great engineers, was approved by the state board of higher curricula at its meeting in Portland on Monday. This prescribed course of study, which covers pre-engineering work in mechanical, electrical, civil, chemical, mining, and certain special branches, will become effective September, 1921. Dr. A. E. Caswell, professor of physics, is chairman of the new course of study.

Engineer's Degree in Six Years.

Arrangements have already been entered into with about a dozen selected engineering schools whereby students who have completed the three-year course at the University will be admitted on such a basis that they may obtain the bachelor's degree in engineering at the end of two additional years, and the professional graduate degree of engineer at the end of the third year after leaving Oregon. Upon the satisfactory completion or the first year's work at the engineering school, the University of Oregon will grant to these students the degree of bachelor of arts. In this way the student may obtain both the bachelor of arts degree and the first professional degree in five years, or the arts degree, the bachelor's degree in engineering, and the professional engineering degree in six years.

The requirements for the first year include English, nine hours; mathematics, including advanced algebra, trigonometry, and analytical geometry, 12 hours; inorganic chemistry, 12 hours; advanced or elementary French or German, 12 or 15 hours; and mechanical drawing, six hours. Students who intend to pursue courses in civil or mining engineering and who present two units of either French or German for entrance may be permitted to substitute elementary French or German during the sophomore year. Those intending to study chemical engineering should take German during both the freshman and sophomore years. In addition to this course, all men students are required to devote three hours each week to military science and to physical training throughout the first two years.

Courses Are Prescribed.

In the sophomore year the student is required to take calculus, 12 hours; general physics, nine hours; French literature or advanced French or scientific or advanced German or elementary Spanish, nine, 12 or 15 hours; descriptive geometry, four hours; advanced mechanical drawing, two hours; analytical chemistry, six or eight hours; and dynamic geology, four hours.

The program of studies for the junior year is intended to articulate the work done in the University with the course of study which the student proposes to pursue in the technical institution. For this reason the student is supposed to have selected the school which he intends to enter and the course of study to be pursued there in not later than the beginning of the junior year.

The regular program consists of certain required subjects plus a number of electives, the latter becoming prescribed also according to the branch of engineering or technical work contemplated. These required subjects are advanced analytical geometry and calculus, three hours; strength of materials, eight hours; advanced general physics, nine hours; principles of economics, eight hours; and advanced economics, four hours.

Certain Electives Recommended.

The elective subjects recommended are kinematics, six or nine hours; differential equations, six hours; physical chemistry, 12 hours; structural geology, two hours; field geology, two hours; principles of assaying, four to six hours; practical astronomy, three hours; graphic statics, four hours; bacteriology, eight hours; English, eight hours; principles of accounting, 12 hours. Those especially recommended for civil engineering are

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