

OREGON EMERALD

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FIGHT 'EM OREGON.

Thursday Oregon's football machine is to be put to the crucial test. For nearly eight weeks those 25 or 30 men who make up the Varsity squad have been toiling night after night in preparation for this, the crowning event of the gridiron season, the annual contest which has become known throughout the Northwest as the Oregon state classic — the Oregon-O. A. C. game. When the referee's whistle sounds the opening of the first quarter, eleven men, the lightest to ever represent the lemon-yellow in such a battle, will take their places to represent the University colors.

Those eleven men will represent more than just the University of Oregon—they will stand for the thousands of men and women who in past years and present have learned to love Old Oregon and speak with pride of their Alma Mater. To these men is intrusted all of the honors which have fallen to the lot of the University: they are theirs to defend.

It does not follow that these men must win. If win they do and by honorable means, then they have fulfilled their trust in the greatest measure. But should they lose and go down to defeat before a better team fighting to the last ditch, then we will honor them none the less for their defeat. Thursday Oregon is going to ask the exertion of every ounce of energy in those eleven human bodies and will get it.

Nor is the University going to stop with the men on the team. Of every man and woman who claims to be of Oregon will be asked the same measure of devotion and determination. There is a place for everyone who would fight for Oregon—if not on the field, then up there in the bleachers, rooting, yelling—putting behind the team the same fight the team is putting into their game for the honor and glory of Old Oregon.

ORDNANCE STUDENTS CAN ENLIST LATER ON

Word Received Allows Those in Stores Course Drafted to Join Army After December 15.

Department Permits Different Methods of Obtaining Men for This Branch.

Students in the ordnance courses of the School of Commerce will not be governed by the recent war department orders prohibiting men subject to draft from enlisting in the army after December 15.

This positive assurance was received on Monday by Professor C. C. Jeremiah, in charge of the ordnance work on the campus. It means that men who are accepted for the ordnance class to be formed here early in January will be permitted to continue in that work even though they are called up for draft afterwards.

Professor Jeremiah's information came in the form of the following letter from Lieutenant Richard H. Lansburgh, in charge of the supply division of the ordnance department at Washington, D. C.:
Questions Are Raised

"The fact that newspapers have published statements that it will be impossible to enlist voluntarily in the army after December 15 has doubtless caused questions to arise in connection with the enlistment of men for the stores courses. It should be stated that this announcement, which has appeared in the newspapers, should in no way affect your efforts in the direction of recruiting men for the courses. Steps are now being taken by this office to secure the men whom it is desired to obtain, although it is probable that it will be necessary to use a slightly different procedure than that which has been utilized during the last month."

Just what is the "slightly different

procedure," referred to by Lieutenant Lansburgh, is not apparent, but it probably means that the standards of qualifications for applicants to the stores courses will be raised.

All College Men

The second class of applicants now taking the course on the campus consists almost entirely of college men and ex-college men. The only exceptions are men who have had unusual business training to fit them for the work.

Professor Jeremiah already has 150 applications for the January course but will not begin to make his selections for several weeks.

Men who complete the ordnance work with satisfactory grades, at once are taken into the ordnance department of the regular army. Those with the best grades are made corporals or sergeants. The others become privates. No commissions are granted students upon completion of this work, but it is possible for them to attain commissions by meritorious work in actual service.

WASHINGTON AND OREGON DUAL DEBATE ASSURED

Letter Received From Dean Priest, of Seattle—Third College May Replace Stanford.

A dual debate with Washington is assured for this year despite Stanford's withdrawal from the tri-state debate league, according to a letter received from Arthur Priest, head of the department of public speaking at the University of Washington.

Possibly another college may be secured to take Stanford's place, but in any event, Washington and Oregon will meet on the platform. The time set for the debate with Washington is March 8, but as yet the question has not been decided.

The date for the O. A. C. debate is again uncertain. After considerable correspondence, December 15 was thought to be acceptable to both sides, but O. A. C. now finds it impossible to have it at that time and suggests December 13 or 17. The forensic council has not decided whether Oregon can accept either proposal.

SEEKS TO WIN SECRET

Dr. Caswell of Physics Department Conducting Experiments.

Thermo-Electric Effects in Passing Currents Are Objects of Research.

Dr. A. E. Caswell, of the physics department, has for the past seven or eight years been conducting experiments and research work with the end in view of solving and explaining certain thermo-electric effects. These phenomena have to do with the effects of passing electric currents through one and two-metal wires in different directions.

For instance, if a current of electricity is passed through an iron wire tipped with copper, the wire will become hot when the current is passed through one direction, but will remain cold if passed through the other way. In the case of a one-metal wire, too much heat will be generated at one end and too little at the other.

To explain such effects, which are unaccounted for in the scientific world, Dr. Caswell has conducted experiments of his own and compiled data of the evidence of the behavior of the electrons.

In working out his experiments, Dr. Caswell explains that the atom organization of any substance is likened to a small solar system, with each atom proper around which the electrons revolve, comparable to the sun, around which the planets rotate. Like the solar system again, according to Dr. Caswell, there are certain unknown electrons that come and go, unaccountably as do the comets in the planetary system.

It is these unknown electrons that cause the differences in passing electric currents through the wires. Dr. Caswell explains, and through his experiments of measuring the different effects obtained by different conditions, he hopes to be able to find out what becomes of the comet electron, and to explain the thermo-electric effects.

In all his experiments Dr. Caswell uses apparatus designed by himself and new methods in all cases. In casting the wires for the electric current tests, experiment was made with a number of different alloys, using all the way from pure bismuth to six per cent tin. Cecil McKay, who did post-graduate work in the University of Oregon last year, and is now in the national service, assisted Dr. Caswell in his research.

ALL TO RECEIVE EMERALD

Money Raised to Send Paper to Oregon Men in Service.

At a late meeting of the executive committee of the student council, \$100 was subscribed for the purpose of sending the Emerald to every man who has left the University in the last two years and has joined some branch of the service.

There are between 400 and 500 men in this classification, and only about 200 at present receive the Emerald. To make it easier to take care of the addresses that come in the University administration has consented to receive

them at the business office, where they will be filed.

Following the lead of the student body, the alumni association of the University is working on a plan to raise another \$100 to help in the distribution of the Emerald.

Gloom Dispelling Pepfest to Rouse Old Oregon Fight

(Continued from page one)

football enthusiast of Eugene, all of them notable pep-installers, are on the list of speakers. The whole football squad also will be on the stage.

Student Body on Edge

The keynote of the entire ceremonies will be "jazz" and "pep." During the past few days the fight has been revived until now the entire student body is on edge awaiting the big event of Thursday.

"Slim," Crandall, varsity yell king will take take charge of the pepfest, and the whole event is to be even greater than the California rally a week ago. No gloom is to prevail under any circumstances, and if anyone leaves Villard tonight in doubt as to whether or not Oregon is going to win, the old familiar expression about the "race running cold" will apply to upper as well as underclassmen.

To Give Team Sendoff

Tomorrow at 7:35 a. m., as a last spurt, before the Portland ceremonies, the entire student body should be at the Oregon Electric station to give the squad the final sendoff. The band is to be out in full force, to play the final pep music which is to be continued on the streets of the big city a few hours later.

"We have a hard battle before us," said Crandall today, "and every one of us will have to fight till the end. The Aggies are going thirteen hundred strong and our only way of making up for the lack of numbers is to put forth more than we ever did before. We can not get along with anything less than a victory, so let's go from here!"

GIRLS' BAND TO GIVE DANCE

Affair Will Be Held in Gymnasium December 14 to Raise Money for Music.

A matinee dance given by the Women's band for the student body is to be staged in the Men's gymnasium, Friday afternoon, December 14.

The dance will be given by the band for the student body, and there will be a nominal admission, which will be used to furnish music for the organization.

"The girls are doing fine," says Director Perfect, "and will be able to give some good music by the fourteenth."

THREE LEAVE U. FOR DUTY

W. C. Dobyns, Jay Fisher and Derward C. Pratt to Join Colors.

W. C. Dobyns, Jay Fisher and Derward C. Pratt withdrew from their classes yesterday to join the colors. Dobyns has gone to Portland, where he will look into the joining of a hospital corps. Pratt and Fisher are thinking of joining the navy. All are science majors.



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