

PRIZES OFFERED FOR BEST ESSAYS

Students Have Chance to Win Scholarships

SUBJECTS ARE LISTED

Topics Relate to Various Phases of Chemistry

The American Chemical Society announces six four-year scholarships of \$1,000 each in chemistry or chemical engineering at Yale university or Vassar college to students of collegiate grade in the United States who write the best essays on a designated subject, according to a pamphlet received by O. F. Stafford, professor of chemistry, from Alexander Williams, Jr., secretary of the committee on prize essays of the society.

The topics from which the contestants must select are: The Relation of Chemistry to Health and Disease; The Relation of Chemistry to the Enrichment of Life; The Relation of Chemistry to Agriculture or Forestry; The Relation of Chemistry to National Defense; The Relation of Chemistry to the Home; The Relation of Chemistry to the Development of an Industry or a Resource of the United States. A technical knowledge of chemistry is not required of entrants, and contestants are urged to consult freely with science or other teachers, securing material from reference works and other sources.

Work Must Be Original

The only restrictions placed upon the participants are that the essay must be the original work of the contestant, and that he may not submit one essay which must not exceed 5,000 words, the essay to be in the hands of the committee not later than March 1, 1925.

The best three essays on each of the six subjects will be selected by a committee organized by the Division of Chemistry and Chemical Technology, National Research Council, Washington, D. C. The authors of the resulting 18 essays will then be asked to write under supervision and without access to references on a subject to be announced at the time of writing but not before. This subject will be one designed to bring out the knowledge of the contestant of the role played by chemistry in world affairs, and will require a thorough familiarity with the subject in general. The contestants will be allowed three hours in which to write these essays which will then be forwarded to a special committee of judges accompanied by the supervisor's affidavit to the effect that the work was done in accordance with these rules. From the essays so submitted the winners of the six prizes of \$1,000 each will be selected.

Funds Are Provided

This is the first year that undergraduate students of universities and colleges have been included in the contest. Last year the society awarded six scholarships of \$500 annually for four years to six students of high and secondary school grade in the United States.

The funds have been provided by Mr. and Mrs. Francis P. Garvan of New York, as an educational project and to direct attention to some of the important relations of chemistry; to encourage the acquirement of familiarity with reference books and to promote expression of thought and the formulation of ideas. The choice of subjects, all the rules and regulations governing the contest were given under the absolute control and direction of the society.

L. H. Bakeland, president of the American Chemical Society, says that the scope and full value of the science of chemistry is not understood by the average man or woman, but that Mr. Garvan in his work during the war perceived its importance, and in his practical idealism inaugurated a new way of spreading the significance of chemistry for the benefit of humanity, by addressing himself to the younger generation.

14 Awards Offered

In addition to the scholarships originally provided, awards given by other schools of learning are: Baylor college for women, one scholarship, worth \$120; Catholic University of America, one four-year tuition scholarship; Georgetown university, one four-year tuition scholarship; Northern Normal and Industrial School, cash prize of \$25; Northwestern university, one one-year scholarship; St. Louis university, one four-year scholarship with matriculation fee; State University of Iowa, one one-year scholarship;

University of Arizona, two scholarships, remitting all fees; University of Florida, two one-year scholarships, remitting registration and laboratory fees; University of Kentucky, one one-year scholarship; University of Maryland, one one-year scholarship; University of Mississippi, one scholarship, free matriculation and incidental fees; University of Missouri, six one-year scholarships, remitting fees; University of Virginia, one four-year scholarship; Washington and Lee University, one tuition scholarship, worth \$30.

DEAN ALLEN IS BACK FROM TRIP TO COAST

Eric W. Allen, dean of the school of journalism, returned yesterday from Marshfield, where he conferred with Edgar McDaniel, president of the Oregon Newspaper Conference, and several of the newspaper men from around Coos Bay on the program for the Newspaper conference to be held on the campus March 13 and 14. Dean Allen spoke at the annual meeting of the North Bend chamber of commerce Wednesday evening.

It was decided to appoint a program committee representing the Northwestern Circulation Men's association, the country and city newspapers and the advertising men. This committee will be appointed in a few days to formulate plans for the Newspaper Conference.

On his way home Dean Allen stopped in newspaper offices including Marshfield, Coquille, Myrtle Point, Roseburg, Oakland, Sutherlin and Cottage Grove.

Business Calls Joe Maddock From Position As Oregon Grid Coach

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and also become a real member of the faculty.

Coach Is Warmly Praised

In commenting on the action of the Oregon grid mentor, Virgil Earl said, "He was one of the finest fellows I ever met." Dean Dymont also praised the work of Maddock very highly, stating that "Joe" was a real coach who "spared his men," inasmuch as there were very few men walking around on crutches last season and a very low number of injuries.

Not only among the men on the gridiron but on the campus and throughout the state, Maddock has been the object of considerable commendation for the excellent sportsmanship that he instilled in his eleven. He never believed in excessive scrimmage, for he believed that if his men mastered the fundamentals of the grid game, they would be ready to really play football without scrimmaging every night.

Sports authorities on the coast have marveled at the excellent record made by Maddock in the past season. He came to Oregon and took over a green and demoralized team that had suffered defeat after defeat. The material on hand was not of an exceptional calibre; there were a few lettermen but the majority of the places on the squad had to be filled with men from the last year freshman squad. Maddock was undaunted by these gloomy prospects. Instead he cheerfully and rather optimistically set about to build up a real championship eleven. "Fundamentals" was the thing stressed above everything else out on the gridiron. The new coach seemed to care little about the heavy schedule that faced the varsity gridsters. Instead he drilled his men on the primary points of the game up until the very eve of the Oregon football season.

When the Lemon Yellow eleven failed to score on the weak Willamette team, sports experts quickly passed the word about that Maddock was not the coach that his record had shown. However, as the season advanced, and Oregon began defeating teams by impressive scores, Maddock came to the front and received the glory due to him.

His outstanding achievements were the Washington and O. A. C. victories. The manner in which Oregon won the Husky contest by playing "Maddock's fundamental style of football" is clear in the minds of all Oregon sports fans.

As a direct result of Maddock's work in the past grid season, one of the heaviest grid schedules ever outlined for Oregon was drawn up for the coming year. Realizing that Oregon, with Maddock at the helm, was a coming team on the coast, California, Stanford and Washington signed an agreement with Oregon to play with each other for the coming two years. This is a very outstanding piece of evidence pointing to the high esteem that Maddock's ability is looked upon by the leading coast football teams.

ARRANGE CO-ED RIFLE SCHEDULE

Women's Varsity Shooters Working on Range

MANY MATCHES PLANNED

Team to Be Chosen First Week in February

The women's varsity rifle team will be chosen the first week in February. This statement was made by Edna Spenker, head of the sport. Judgment will be based on the scores for the entire week's shooting. A squad of 25 or 30 girls will be selected for the team. From this squad, 10 or 15 girls, depending on the size of the opposing team, will represent the University in matches with other schools. The girls who are chosen from the general varsity team will be determined by their scores of the week previous to the match.

Practice is well under way. The majority of those signed up are appearing regularly for the required five hours practice a week. A full attendance this week has been prevented by misunderstandings about the beginning date of practice.

For the next few days emphasis is being placed on sighting and aiming. This first exercise consists of sighting through a rifle, which is fixed in place, at a target held against a sheet of paper upon which the record is kept. The person "shooting" directs the adjustment of the target units he judges that the bulls-eye is in a direct range with his rifle. This spot is marked on the paper through a hole in the bulls-eye. This process is repeated twice more, and the three dots on the sheet of paper indicate the individual's degree of proficiency in sighting. The dots are connected by lines making a triangle. Perfect sighting would result in a very small triangle one-eighth of an inch or less on all sides, indicating that the "shots" had been all, or nearly all, in the same spot.

Matches will probably be shot off on the following schedule: February 28, University of Vermont; University of Cincinnati; University of Michigan; University of Nevada; Oregon Agricultural college; Oklahoma A. and M. college; University of Washington. The schools which are represented by teams composed of 10 members have been grouped together.

The following use 15 members on a team. Matches have been scheduled, subject to change, as follows: March 7—University of Illinois; Northwestern University of Kansas; Syracuse; University of Nebraska. February 14—Polytechnic H. S. and Junior college. February 21—Utah Agricultural college; University of Montana; University of

Missouri; Denison university; University of Tennessee.

Dramatic Department Working on Three Forthcoming Plays

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a profound impression, according to reviewers and critics. "Hassan" is set in the mystical time of the Calif Haroun Al Rashid in old Bagdad. It abounds in the same sort of cruel beauty as that of the Arabian Nights stories.

Mr. Eiler Brown, professor of architecture at the University, is assisting in the designing of the special sets of typical Arabian style, which are to be used in the production. The new scenery, which was made during the Christmas holidays, will be used for these original designs. "Hassan" will be presented during the last week of February.

Small Pox Epidemic Not Probable States Dr. John Bovard

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Possibility of further exposure was reported when it was learned that Jennie Norine, a member of Delta Gamma, who is not attending school this term, but was visiting on the campus several days ago, has a suspected case of small pox. As a precautionary measure the members of the sorority were vaccinated last night.

Dean Bovard points out that there is no cause for alarm, but in order to reduce the danger of a spread of the disease, vaccination is advisable. The state health officer reports that the malady is prevalent throughout the state at the present time, consequently the health service department is making a special effort to prevent the occurrence of an epidemic on the campus.

JUNIORS MAKE PLANS FOR NO-DATE PARTY

The junior class has announced its plans for a party to be held Friday, January 30, which has been set aside on the social calendar as the night for class parties.

The class voted for a no-date affair at its meeting yesterday. Joe Frazer was appointed chairman of the dance, and promises a novel affair.

Committees were appointed to superintend the affair. Cylbert McClellan is chairman of the feature committee, Maurice Warnock is in charge of refreshments; Everett Ogle of transportation; and Adrian Hazard will arrange for

Enviably Football Record Made By California Bears

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all beat him. The idea that he would again come through without defeat was out of the question—it

was impossible. But if what they said is true, Smith has accomplished the impossible.

In 1922 and 1923 Smith still managed to out-fox all comers with the exception of Nevada. Nevada came to Berkeley with a good team all bent on winning from California. She did not win, but held the haughty Bears to a scoreless tie. This certainly was a moral victory for Nevada, if a moral victory was ever won since. In the three seasons previous to this, California had simply walloped Nevada, and the Bears were confident of victory. Consequently on the day of the game, Smith and a number of his first string men were at Palo Alto scouting Stanford-U. S. C. game. The scores of the three games previous to the one referred to were: California 79, Nevada 7; California 51, Nevada 6; California 61, Nevada 13.

A month or so before the game scheduled with Pennsylvania in Berkeley on New Year's Day, Smith and his most able captain, "Babe" Horrell went east to see Pennsylvania in action. They could not be satisfied with what was told them of Pennsylvania. They thought it necessary to see for themselves just what was what. Upon their return, Smith made the statement that "Pennsylvania is that kind of team which wins games, but they can be beaten." California's 14-0 victory over them showed that he was right.

There are a thousand and one people who when asked their opinion of California's phenomenal record say, "Bunk! They have merely been lucky!" Without a doubt California has had her share of luck. She

is entitled to it, but it hardly seems possible that luck can be responsible for a five-year run of victories. Anyway here are some figures which might interest those who say "Bunk."

Since the opening of the 1920 season California has played 48 games. Of these she has won 44, tied 4 and lost 0. She has scored 1,561 points on her opponents, while her opponents have scored only 139 points on her. This gives her an average of 32.5 points per game to her opponents average of 2.8 points. And still they call it luck.

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