

## ENGINEERING AUTHORITY TO ADDRESS SCIENTISTS

### John Mills Will Speak on Telephony in Deady Today

The lecture of John Mills, which was scheduled for yesterday afternoon, has been postponed until 4:15 this afternoon in room 105, Deady hall. Mr. Mills, who is reputed to be one of America's leading electrical engineers and the author of several technical books dealing with the development of the present system of radio and telephonic communication, will address all students and faculty interested in the subject of "The Human Voice and its Electrical Transmission."

A luncheon in honor of Mr. Mills will be given this evening at 6 o'clock at the Osburn hotel. Anyone interested may attend. The cost of plates will be 75 cents each.

Mr. Mills is assistant personal manager of the engineering department of the Western Electric Company, the research branch of the Bell System. At present he is visiting the leading technical societies and educational institutions of the country giving a course of lectures under the auspices of the American Institute of Electrical Engineers.

#### Author of Several Books

Mr. Mills was born and educated in Chicago, graduating in 1901 from the University of Chicago. He did graduate work at Chicago, at the University of Nebraska, and later at Massachusetts Institute of Technology. He was an instructor in physics and electrical engineering for some years at the Western Reserve University of Cleveland, and at Colorado College. He is the author of several books, including a college text on physics which was written jointly with Professor R. A. Millikan, a text on radio communication which was widely used during the war, and more recently a popular description of modern ideas as to matter and energy, a book dealing with the ultramicroscopic electron.

In 1911 Mills gave up teaching to enter the engineering department of the Bell system. He was one of the engineers under Colonel J. J. Carty who developed the transcontinental telephone system between New York and San Francisco, which was opened for service in 1914. Also as an engineer under Colonel Carty and later Dr. F. B. Jewett of the Western Electric company, Mills was concerned with the 1915 demonstration of radio telephony between Washington, D. C. and such points as Paris and Honolulu.

#### Business Representative Visits

Mr. Mills is accompanied by Mr. H. N. Durston, supervisor of methods for the Pacific Telephone and Telegraph Company of Portland. Mr. Durston is interested in the business end of the Telephone Company. This afternoon in the Commerce building he will meet with a group of students of the school of business administration to discuss telephone problems.

## EDUCATION NEED IS TOLD

(Continued from page one)

American people are as yet deaf, fallen into a lethargic sleep, without a voice, insisted Dr. Willett. "Our boys went forth to set the pace in peace, to show righteousness and good-will among the nations, and our President went forth to speak it to the peoples," said the speaker. "Our boys returned home, and our President returned with them; President Wilson, that great and far-seeing statesman, and yet a man, who as we are now beginning to see, was destined to plow a lone furrow, a man who could not work with other men; he was encountered by a group of irreconcilables in the Senate, who were intent on his political assassination; between these two conflicting parties, America, the people, with a voice, eager to speak regarding this association of nations fell silent, smothered in the Slough of Despond."

#### Admiration for Harding

"One of the things which I admire most about president Harding," said Dr. Willett, "is that he took his political life in his hands, and in the face of such men in the senate as Henry Cabot Lodge, William E. Borah and Hiram Johnson, declared the necessity of some sort of an association of nations. The Armament Conference now meeting at Washington is one of the greatest events ever held under the auspices of the American government."

The third great issue to which the United States must pay close attention, as described by Dr. Willett, is Education. "You wonder," said he, "why I come to you here at the university to talk to you of a topic so familiar. We believed at the outbreak of the war that we were the best educated nation in the world. The War has revealed a prevailing illiteracy among our people. Eleven per cent of all the men in all phases of the service were unable to read and write."

#### Fifth in Literacy

"As a personal instance, I met on the train, not long ago, a young soldier, a native-born American who could not read or write so simple a thing as his own name. That man had lived in a town where there had been a public school for fifty years. There was a college within a mile of that man's home, to say nothing of a splendid high school equipment. Instead of first, we stand fifth or sixth among the nations in literacy. The average American citizen has the intelligence of a child with a sixth grade education!"

Dr. Willett declared that the three

needs he had named but had covered the ground, and that he wished he had time to tell the students of the democracy, which this country ought to, but has not realized, impulse in the educational centers of modern America, of the need of co-operation in religion and industry and the social and political life of the country. The speaker warned the young men and women that they were the ones on whose shoulders this responsibility will soon rest, and that they must be in the thick of the fight.

#### Henry the Fourth's Rebuke

"In Paris," said Dr. Willett, "there stands a statue of Henry the Fourth of Navarre, whose rebuke to a slacker favorite, who preferred the joys of tennis with the women of the court to the rendering of his duty to his monarch in the turmoil of war, is still famous, 'My dear Comte, go hang yourself; we were fighting yesterday, and you were not there! Never, young men and women, permit yourself to be for a moment, in the years to come, in a position where you will hear the voice of your God and your Conscience, saying to you, 'There is fighting in this republic of ours, and you are not there!'"

Miss Joanna James, a freshman in the school of music sang.

## NEXT ALL-UNIVERSITY HIKE PLANNED FOR FEB. 18

Dean Bovard to Have Charge of Trip; Condon Club Plans for Many Excursions in Future

February 18 is the date set by the Condon club for the next All-University Hike, according to Hubert Schenck, who is chairman of a committee which is planning future trips under the auspices of the club. So successful was the expedition last Saturday under the leadership of Professor Edwin T. Hodge of the geology department that many others are being planned.

Dr. John Bovard, dean of the school of physical education, will be in charge of the trip which is being arranged for February 28. All students in the University whether members of the Condon club or not are urged to join the party. The object of such excursions, says Professor Hodge, is not entirely for the purpose of studying geological formations, the problems of nature, and the like, but it is intended that all of those who go shall have a good time. Other faculty men who will lead future parties are: Dr. Lancefield, Professors Sweetser, Solve, and Packard.

## SIGMA DELTA CHI NAMES ALLEN, HOYT, AND BROGAN

Distinctive Journalistic Ability is Qualification for Membership

The election of Jay C. Allen Jr. of Seattle, Wash., Philip Brogan of Antelope, and Ep Hoyt of McMinnville was announced yesterday by Sigma Delta Chi, national honorary journalism fraternity.

The men elected are upper division students in the school of journalism who have displayed their journalistic ability to a marked degree. Jay Allen is a member of the editorial board of the Emerald, having transferred from the State College of Washington last year.

Philip Brogan was a daily news editor on the Emerald until this term. He is now working on the Eugene Register and also attending the University. Ep Hoyt is sporting editor of the Emerald and has worked on the staff previously.

Qualifications for membership are good scholastic ability in journalism, distinctive journalistic ability, recognized accomplishments. The organization is a national fraternity embracing chapters in 36 of the leading schools of journalism in the United States. The members of the local chapter are: Alexander Brown, Raymond Lawrence, Kenneth Youel, Warren Kays, Harry Smith, Wilford Allen, John Dierdorff, Floyd Maxwell, Harris Ellsworth, Stanley Eisman, Leith Abbott, Eugene Kelly, Harry Ellis.

## CAMPUS ARTISTS TO PLAY

Jane Thacher and Rex Underwood to Appear in Portland

Jane Thacher and Rex Underwood will appear in a recital before the MacDowell Club in Portland on next Tuesday. These two musicians recently have given several programs in Portland, and the appreciation of their audiences is voiced by the request which came to them to play for the MacDowell Club next week.

Mrs. Thacher is head of the piano department in the University school of music and Mr. Underwood is head of the violin department. Both are finished musicians, and their many programs here and in Portland have proved a delight to all who attended them. The concert which they will give next Tuesday before the MacDowell Club is similar to the one put on here recently with much success.

**R**EAD this list of ailments we treat. We mention here absolutely no ailment which has not been cured or relieved by our method. Here is a list of what we treat successfully: Rheumatism, Catarrh, Neuritis, Catarrhal Deafness, Lumbago, Paralysis, Nervous, Diseases, Sore Throat, Headaches, Coughs, Colds, Goiter, Hay Fever, Asthma, Eczema, Acne, Poor Circulation, Tuberculosis, etc.

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\$45.00 to \$50.00 Men's Overcoats at .....	\$29.89
\$17.50 Men's Raincoats at .....	\$11.98
\$5.00 Men's Pants at .....	\$ 2.89
\$2.50 Men's Pants at .....	\$ 1.69
\$1.50 Men's Sweater Coats at .....	89c
\$6.50 Men's Sweater Coats at .....	\$ 3.98
\$1.00 Men's Shirts and Drawers	69c
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# The Rainbow

Herman Burgoyne