

CASWELL DESCRIBES NEW GRAVITY THEORY

Force Acts Differently On
Different Conditions.

DR. BUSH CLAIMS PROOF

Contention May Change Laws
of Newton and Einstein.

The "man in the street" needn't be bothered by the recent discovery of Dr. Charles F. Brush, of Cleveland, that gravity acts differently under certain circumstances, according to Dr. A. E. Caswell, professor of physics at the University, who smilingly gives assurance that for all practical purposes the world will go on just the same.

Dr. Brush was recently quoted as saying that he had developed the theory conclusively, as the result of exhaustive experiment, that gravity acts differently on different substances. This discovery was said to revolutionize the Newtonian theory of gravitation, as well as Einstein's contentions. The proper statement of this discovery, according to Dr. Caswell, is that gravity acts differently when different mediums are put in its path.

Principles Well Known.

"The new discovery," said Dr. Caswell, "merely applies to gravity some of the principles which are well known in magnetism and electricity. Dr. Brush has discovered that there is a slight difference in the force of gravitation in acting through two different substances, such as air and ether.

"A good analogy is the magnetic field. The force is different when a substance such as iron is placed in the field. But regardless of this, the rule for measurement holds true—the strength of the field being inversely proportional to the square of the distance, and directly proportional to the product of the magnetic charge."

The same rule applies in the case of gravity. The rule is still true, but the discovery that the medium makes a difference will mean that a corrective calculation must be made.

Practical Effect Slight.

"But for us," said Dr. Caswell, "the knowledge of this variation is of little practical concern. In figuring gravitational differences between the earth and moon and on the earth itself, these corrections would have to be made, but

when we do our figuring upon the earth itself, there is no variation, for all our figuring is done in the same medium."

The statement was made by Dr. A. G. Webster, of Clark University, that the new discovery was "more revolutionary than the Russian soviet." Dr. Caswell believes that this radical change will only apply to intensely scientific fields, and is far removed from contact with the practical.

Dr. Caswell does not hold that the new discovery destroys any formerly accepted principles, although he says that this was the general conclusion, jumped at when the discovery of Dr. Brush was first announced. Dr. Caswell classes it more in the nature of augmentation of the existing theories in lines which were already known to be applicable to other natural sciences.

FISH WINS AT ORATORY

Sophomore to Represent Oregon at
Northwest Contest.

Charles Fish, a sophomore in the University, from Sprague, Wash., won in the tryout for the northwestern oratorical contest held Thursday night. Only two speakers tried out, Fish and Abe Rosenberg, a former winner of the contest. Fish will represent Oregon at the University of Washington on May 27. Washington, Oregon, Idaho and possibly Montana will take part this year. The event was won last year by Fred Coley, of Oregon.

None of the details of his address have been arranged yet. This is the first work of this kind that Fish has done on the campus.

PRIZE UP FOR SKETCHES.

The school of architecture is offering as prizes the two remaining sketches of L. C. Rosenberg's for the best "small modern bank," by a junior, and the best "two-storied portico," by a sophomore. Prize winners of the last competition will be barred from these awards.

GUESTS ARE WELL FED.

At the end of Fern Murphy's five-day term serving luncheons for five dollars in the home economics department, all of her guests are of the same opinion, that they have been "very well fed." Majors in this department are taking their turn in this serving.

Messengers

141 — PHONE — 141
City Messenger Service.
39 E. 7th J. C. GRANT, Mgr.

TONIGHT THEATRE 30 EUGENE Saturday April

Philharmonic Orchestra

The eminent—
of Los Angeles
Walter Henry Rothwell
SYLVIAN NOACH,
Violin Soloist

75 Distinguished Orchestral Artists

.....In Concert and Solo Selections and Program.....

Box: \$2.20.
Floor: Sixteen rows, \$2.20; two rows, \$1.65.
Balcony: two rows, \$2.20; two rows, \$1.65; two rows, \$1.10
Gallery: (unreserved) 55c
(These include tax)

Tonight Only, Eugene Theatre

Graduation Pictures

The Martin Studio

Seventh and Willamette.

IF YOU WANT A GOOD JOB DONE ON
YOUR SUIT, SEND IT TO THE

Osburn Cleaners

Expert Cleaning and Pressing



JIM, THE SHOE DOCTOR

Men's Finest Dress Shirts

All Day Saturday

Values \$3.00 and \$3.50,

\$1.98

Or 3 for \$5.50.

—100 dozen finest Dress Shirts, made of prettiest oxford and corded madras cloth, all colors. Buy all you want today at about—

Half Price, or 3 for \$5.50.

McMoran & Washburne Store

FOR STYLE, QUALITY & ECONOMY

DOUGHNUTS

the rich, golden brown ones—The kind sold on the Campus by the Theta Sigma Phi—sure, you know how good they are.

—Treat yourself to some of the many tempting

Rolls, Cakes, Cookies, Pies and French Pastries

made particularly delicious in our MODEL KITCHEN. When down town, don't forget the place all these good things are fresh every day.

Dice-Swan Co.

Eighth and Olive 3 Phones 183

Wear Ever Aluminum

Beautiful Bird Cages Pyrex Glass Ware

Chambers Hardware Company

LEARN MACHINE BOOKKEEPING

We teach machine bookkeeping, calculator and adding machine bookkeeping, shorthand, typewriting, etc.

EUGENE BUSINESS COLLEGE

992 Willamette St. Phone 666
A. E. ROBERTS, Manager.

In Springfield?

Then you will want to get something to eat and there is one place that you will be sure and get what you desire. Come in and let us prove it. Our CANDY is famous and the meals we serve will please.

Eggiman's Confectionary

We Don't Finish Pictures While You Wait

No slop bucket methods used in our finishing plant.

Every Film receives the same thoughtful, careful attention you would give it yourself.

Note Our Prices:

Developing, any size roll10c
Packs 15c
Prints, up to 2 1/2 x 3 1/4 03c
2 1/2 x 4 1/4 and 3 1/4 x 4 1/4 04c
3 1/2 x 3 1/2 and 3 1/2 x 5 04c
3 1/2 x 5 1/2 and 4 x 5 05c
Post Cards 05c

If you're not a customer of ours, give us a trial

LINN DRUG CO.

OF COURSE YOU ENJOY MUSIC----

For this reason we are well pleased to announce to our many friends and patrons that hereafter each and every Sunday evening you will have the privilege of enjoying the music of a selected orchestra of college students. They will play from six till seven-forty five and then from nine till ten o'clock.

Be sure that you have Sunday supper at the Rainbow and be entertained by the orchestra. Your friends will be there.

The RAINBOW

H. BURGOYNE, Prop.