

## RESEARCH ACTIVITY EXPANDS AT U. OF O.

Many Industries Aided by Experts Although Funds Are Still Limited.

University of Oregon, Eugene.—Research activities of the University of Oregon have expanded during the past year until they now cover important phases of foreign trade, education, various fields of science, social science, business and many other important lines, it is announced in the annual report just prepared by President Arnold Bennett Hall for the state board of higher education. An extensive program is already under way for this year, and while funds for this purpose are limited, faculty men are co-operating in every way so that the work may be carried on.

A crime survey of the state, which is expected to result in a great deal of valuable material, is already under way under the direction of the school of applied social science. This is being carried on through the assistance of graduate students who are doing much of the work as part of their studies toward advance degrees. The program of educational survey of school problems and many highly specialized studies in business and industry are progressing.

**Studies Completed.**  
Important studies completed during the year included a financial study on borrowing rates of municipalities of Oregon which revealed the fact that Oregon municipal bonds offer a fertile field for investment of outside capital; a study on "financial and operating standards for Oregon retail concerns," which gives retailers and others a standard measuring stick for proper performance; a survey on hardwood industries which is expected to prove a real stimulus to wood manufacturing of the Northwest; a survey of the butter and cheese market for Oregon; and several important school surveys.

Research projects now in progress or in prospect include an intensive study on the industrial development of Oregon, which will be an attempt to measure, compare and interpret the changes that have and are taking place with a view to determining those industries best suited to conditions here; a study of exports through Pacific coast ports to Pacific basin countries; a plumbing cost survey; a study on Oregon's exportable surplus; a study of the reorganization of Lane County public schools; and many others in various fields.

**Cooperation is Aid.**  
At the last session of the legislature a fund was granted the university for extension and research, and of this \$15,000 a year for two years is available for research activities. Cooperation of faculty and staff members is enabling the institution to use this to the fullest advantage, although a great deal could be accomplished with an increase, it is pointed out. Due to the fact that since 1920 the income of the university has increased but 13 percent and the student load 94 percent, not only research but building programs have had to be curtailed, and at present the university is devoting less than one percent of its income to research, while at other universities the average is five percent.

Excellent cooperation from industrial and business leaders has been shown the university in its research program and a great deal of valuable work is expected to be forthcoming in the immediate future.

## County Health Department

ACTIVITIES  
By Dr. B. C. Wilson

NEWS  
Health Officer

In cooperation with this paper we are proud to announce that we shall have the opportunity of presenting details of our work to the public through the medium of this department which shall appear in this paper each week. We hope that every reader of this paper will look for and read these articles as by so doing the health department and the people of Jackson County will be able to work with better co-operation. The past a great deal of the difficulty in public health work in Jackson County has been due to the fact that the tax payers did not understand the work of or the reasons behind the activities of the health department. We hope that this column will clarify the situation.

The first announcement we are to make is that the name of our department has been changed from the Jackson County Health Unit to the Jackson Health Department and is now a distinct department of the County. Heretofore, we have received money from various sources for the conduct of our health activities but beginning January 1, 1930, the county appropriated the entire sum for the maintenance of this work. Therefore, this Department is working directly under authority of the county court and endowed with the powers of that body, but under the public health

supervision of the Oregon State Board of Health.

The County Board of Health is the County Court. The staff of the County Health Department consists of Dr. Benton C. Wilson, county health officer, Lyda T. King, Augusta Glover and Edith L. Lub-scher, county nurse, and Josephine Koppes, secretary.

Dr. Wilson has done a great deal of post graduate work in public health and traveled extensively to observe public health activities and results in the east. All three of our nurses are graduates from Grade A schools of nursing and especially trained in public health activities by reason of intensive post graduate work. Miss Koppes has been connected with the department.

We are greatly indebted to the Jackson County Health Association which as a lay organization has given us its undivided support and backing. This association has greatly aided the Health Department financially, morally and actively by reason of a great deal of volunteer work in carrying on our various activities and making the county Health Department possible.

Next week we shall present the program of the County Health Department which will outline our goal for 1930.

### How to Raise Poultry

By Dr. L. D. LeGear, V.S., St. Louis, Mo.

Dr. LeGear is a graduate of the Ontario Veterinary College, 1892. Thirty-six years of veterinary practice on diseases of live stock and poultry. Eminent authority on poultry and stock raising. Nationally known poultry breeder. Noted author and lecturer.



TO BUY OR NOT TO BUY—

NOT "HOW EXPENSIVE?"

BUT "HOW EFFICIENT"

Poultry Raisers' Equipment Need Not Be Costly to Get Results; Homemade Devices Serve Admirably.

A man fed from solid gold table service will be no better nourished than if his food were taken from dishes of the heaviest and cheapest earthenware, neither will he rest any better in a bed made of mahogany than he would in a bed made of pine. By the same token, poultry get along no better if raised with the aid of expensive devices rather than something far cheaper. As a matter of fact, homemade devices serve just as well in many cases as anything one can buy.

Of course, there is ample justification for buying factory made equipment made of such materials as galvanized iron or earthenware. As a rule, it is more sanitary and also more durable. It is often essential, however, to keep the in-

vestment for equipment will serve just as well as the most expensive factory made article. Moreover, with but little more effort, if any, it can be kept clean and sanitary. An example, I have some nests made from ordinary soap boxes that have given satisfactory service more than ten years continuously.

Troughs, which are undoubtedly the most generally used of all feeding appliances, are also easily made by the home workman. A number of excellent factory-made troughs are also available if wanted. The familiar V bottom trough made entirely of wood is, I believe, the most commonly used for feeding wet mash as well as the easiest to build. It is very good, too, because feed cannot lodge in the corners. Whatever material or style of construction is used, a grating of some sort should protect the food so the fowls can reach it easily, but cannot roost over it or get their feet in it. All feeding troughs and water vessels should be up off the ground or floor, on platforms or racks, so the chickens cannot scratch litter and dirt into them.

The reel hopper is best for dry mash feed. This can be made by making an open box 12 inches wide, 7 inches high at each side, and any length required up to 12 or 14 feet. Have the ends of this box project up 7 or 8 inches and hang a reel in the center of these end pieces four inches square, which will prevent the chickens from roosting on it and will keep them from getting into the box or hopper with their feet and still permit them to eat the mash feed. On the top of each side have a lip project into the box at least 3/4 of an inch. This will keep the chickens from wasting the feed. It should be upon a platform where the hens can jump up and eat from each side.

In addition to the various kinds of troughs and hoppers which can be of homemade construction, there are several very practical styles of homemade drinking equipment which are more or less satisfactory. Drinking vessels should be made of tin, galvanized iron, glass or crockery. A wooden vessel or trough is not easily cleaned or sterilized therefore should not be used for either water or milk. An ordinary pan, bucket, pail or can can be used for drinking vessel or excellent sanitary drinking fountains can be brought from any dealer in poultry supplies. If homemade equipment is used, be sure to protect it in some way so the fowls cannot get in the water with their feet or turn it over.

For watering poultry, the best plan is to build a platform 24 inches square and have it up 20 or 24 inches from the floor. Make a round hole in the center of this platform just large enough to let taper-

## FOREIGN RELATIONS STUDIED AT U. OF O.

University of Oregon, Eugene—Oregon people are coming more and more to recognize the fact that the future prosperity of the state depends to a very great extent on the development of friendly relations with the Orient, and the University of Oregon is embarking on a program of internationalism in line with this, it is stated by Dr. Arnold Hall, president, in his annual report to the board of higher education.

"The progress of civilization is no longer confined to a state or nation alone," the report states. "The people of every country are inevitably and increasingly linked up with the rest of the world. Their welfare depends largely upon world markets and world prices, imports and exports and in a general way, upon the large problems of international politics and world peace."

New courses have been added to the curriculum, with special attention to the Pacific Ocean, its growing development, trade resources and political problems. The number of hours of instruction in this field has increased from 10 in 1927 to 21 each week in 1930.

The Murray Warner essay contest, from which approximately \$800 yearly is awarded in prizes, is also gaining increased attention on the campus. Funds for this are donated by Mrs. Murray Warner, donor and director of the Oregon Museum of Fine Arts.

The International house, which was organized on the campus this year with students from Germany, China, Japan, Korea, Denmark, Russia and the Philippines, is meeting with great success, according to the report. Students live in perfect harmony and are doing a great deal to promote international understandings.

ed galvanized pail or bucket half way down in the hole, and the chickens can jump up on all sides of this platform and drink. A platform can be made 2 feet wide and 6 feet long, if desired to accommodate three pails. Plenty of pure, fresh drinking water should be available at all times, convenient for the hens to find.

Space is lacking to describe even briefly the various other accessories which may be desirable in the poultry yard. All of them may, as a rule, be made at home of simple material and at very little cost if so desired. Not only does the maker of such equipment effect a worth-while saving, but I know from personal experience that he gets a whole lot of genuine, personal enjoyment out of making his own equipment. He has the additional satisfaction of knowing his percentage of profits will be greater because his investment has been kept as low as possible.

### Led Secession Movement

Mississippi was the first of the Southern states to pass the ordinance of secession, taking that action January 9, 1861.

### Poor Old North Pole

Let us all be frankly sorry for the North pole. The pole is no longer what it used to be. The pole not long ago was a dream by night and a vision by day, and now look at it. An airplane may start out, whizz along a way, turn and loop about the pole, wave it goodby and leave it by its lonesome.—Philadelphia Public Ledger.

### Great Hit

The most popular after-dinner speaker is father when he says, "Well, let's all go to the movies."—Fort Worth Star-Telegram and Sunday Record.

### Lamps of Chinatown

Electric street lamps erected by the merchants of Chinatown in San Francisco, are shaped like pagodas, supported by two golden dragons and from the six up-curved corners are suspended golden bells.

### Write Your Own Telegrams

The telautograph service is now being added to the state telegraph system of France and one can now transmit a telegram in his own handwriting to all the leading French towns. The service is not only useful for sentimental but practical purposes, as the courts will probably accept a signature sent by wire as legal.

### Where Shooting Is Good

After all, should a man write his own advertisements? "The shoot will begin at two p. m.," wrote a member of the gun club, "and will continue as long as there is any one left to shoot."—Atchison Globe.

### Ancient Ideas Wrong

The old speculations as to the great difference of levels between the Mediterranean and the Red sea, and on the two sides of the isthmus of Panama, have been proved by modern leveling of high precision to be totally erroneous.

## Chosen Leader



Dr. Philip A. Parsons, dean of the school of social work of the University of Oregon, has been appointed national director of training for the American Red Cross.

The Lane county chapter of the Red Cross has just been designated as a model training center for the entire national organization, and will act as a training school for workers for the North Pacific section of the United States. Dr. Parsons will have charge of the training of workers here, and will then be in charge of other centers which are expected to be established in other parts of the country.

### Metals Long Used

Gold probably was the first metal used by man, and the arbitrary value assigned to it for its supposed magical qualities initiated a world-wide search for it and made it a potent factor in shaping the history of civilization. Copper and tin, also found in their relative state, may have been used by prehistoric men.

## 666 Tablets

Relieves a Headache or Neuralgia in 30 minutes, checks a Cold the first day, and checks Malaria in three days.

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CLIP OUT COPIES OF NEW MEASURES THAT ARE PRINTED

This week we are publishing the text of the power bill which must be voted on next fall. Last week we printed the text of the measure creating the office of Lieutenant governor. We will print each of these measures as we get hold of them so that our readers may be thoroughly posted upon the measures upon which they must vote at the Autumn election. As is indicated in the article we reprint this week from the Oregon City Enterprise there will be fifteen measures in all. Clip them for future reference.



DR. I. H. GOVE

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## We Have For Sale

# GOOD EYESIGHT

The night that Edison turned on the current in the first central light and power station in the world he took a reporter for the New York Sun up to the second floor of his little plant on Pearl Street, New York,

Then he demonstrated to him the manner in which a fluctuating light causes the pupils of the eyes to dilate and contract. Educators are familiar with the fact that fluctuating light is responsible for the defective eyesight of many children, and school buildings are being designed and equipped today with this as one of the most important considerations.

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