

# OREGON STATE

MONTHLY



It posed for a moment, then vanished with the wind.



Vol. XIV. No. 6

FEBRUARY

1935



# G-E Campus News



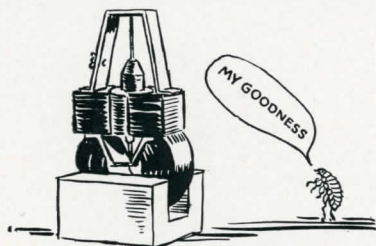
## HEATING WITH COLD WATER

Reversible air-conditioning equipment, which may be adapted to either heating or cooling, depending on the season, is now in operation in a new building in Salem, N. J.

Reversing the cycle of the ordinary household refrigerator, the refrigerant absorbs heat from the water of a well which is at least 52 degrees even in coldest weather. This heat is added to that created by the work of the electrically driven compressors, and the refrigerant at 135 degrees gives up the total heat to the air of the building. Thus it is possible for an expenditure in electric energy equivalent to 100 heat units to obtain a total of 300 or 400 units for heating. Physics students will recognize this system as the heat pump.

During the summer, the process is reversed. The heat is absorbed from the air of the building. Then this heat and the heat from the compressors is dissipated in the water from the well, which then can be used for bathing, or washing dishes.

The building is completely equipped for year-round air conditioning. Besides heating and cooling, the equipment automatically controls the humidity, and cleans and circulates the air. The engineering and the planning for the installation were done by engineers of the American Gas and Electric Company and the General Electric Company, and the equipment was built and installed by General Electric.



## FLEA-POWER MOTOR

New photoelectric cells, recently developed in the General Electric Research Laboratory, furnish enough energy to operate a tiny electric motor rated at four ten-millionths of a horsepower.

These "cells" differ from photoelectric "tubes" in that the cells convert light energy into electric energy, whereas phototubes do not themselves generate electricity but instead control the amount of current permitted to flow through them according to the amount of light they receive. The cells are of the selenium type, the selenium being coated with a film of platinum so thin as to be semitransparent.

Four of the cells are used to operate the motor, which in direct sunlight turns at about 400 rpm. But enough light energy is converted into electricity, when a 75-watt incandescent lamp is lighted eight inches away from the cells, to turn the motor at good speed, using three ten-thousandths of an ampere. One watt of power can be obtained from about 15 square feet of cell area in direct sunlight.

Dr. C. W. Hewlett, North Carolina State, '06, Ph. D., Johns Hopkins, '12, of the Research Laboratory was in charge of investigations that led to the development of the cells and the tiny motor.



## GREEN BLUES

When the G-E "House of Magic" was exhibited at the Franklin Institute in Philadelphia not long ago, the cathode-ray oscillograph was one of the most popular features. This device, as you undoubtedly know, shows the wave shape of any sound, music, speech, or just plain noise—in the form of a moving, pale greenish-blue line on the end of the tube.

Rubinoff, the well-known radio violinist and orchestra leader, came down to see how his violin notes looked in the device. He had only a few moments in between engagements. But he became so interested after watching the gyrations of the dancing green line when he played "Humoresque" that he stayed for half an hour. He played on, and found that his violin produced green notes—even when he played the blues.

R. H. Mighell, U. of Denver, '29, of the G-E Research Laboratory, was in charge of the exhibit.

96-124DH

**GENERAL**  **ELECTRIC**



# Science: The Field of the Future

## College Curricula Designed to Meet All Demands for Study and Research

**S**CIENCE is the keynote of man's existence at the present time. Everywhere are evidences of the work being done in science as it relates to civilization, and it is through the study of science that a person is able to understand and recognize the phenomena that are now being undertaken.

The school of science at Oregon State college has this definite objective as its main function. It strives to broaden the student's outlook, to enlarge his horizons, so to speak, so that when the time comes for specialization, a necessity in nearly every field today, he will be able not only to choose the field he believes he desires, but will be able to determine his ability and potential success in the particular subject chosen.

There are a great many opportunities for students to apply directly or indirectly the knowledge received at the state college when they have completed the four year course here, but the better positions require advanced training which can also be obtained on the Oregon State campus. Master and doctor degrees are granted by the school of science and may be won by a continuation of work here, or the student may transfer to another institution to take his advanced work. The science school credits from this institution are accepted in other accredited colleges or universities.

Great enthusiasm of the students and faculty of the school of science was manifest in the interest of their field recently when they celebrated with what they termed the "Sciomix," which was the coming-out party for the school. Speeches, stunts, a scientific film and many other features were on the program. Over 500 participated in the good time, and it was suggested that this year's "mix" was the first of many to come.

Master and doctor degrees are becoming more and more necessities in the science fields. The better educational institutions, research organizations, and industrial concerns are demanding that their men be as well trained as possible and this comes only through a doctorate or its equivalent work.

In the school of science at the state college a student is

urged to follow his own particular inclinations. If he has a greater interest in one scientific field than another, the advisers of the school will see to it that he is given every available opportunity to stress this work in his course. If the same student also has a slight interest in another field, such as modern language, for instance, he is also given a chance to take a liberal helping of this work. The school is fundamentally interested in aiding a student find his particular niche and then making him fill it in as great a degree as the student is able.

The curricula are arranged in the study of science at Oregon State so that the student will have a broad knowledge of the entire field, but will at the same time have a few major subjects running through his course so that he may be stimulated to further study upon receiving his bachelor's degree. Science, as offered here, is the only academic (non-professional) degree granting school on the campus. Whereas all other schools, such as engineering, home economics, pharmacy, and others, instruct the student in the performance of more or less definite ways and means of making a living, the science school is more varied and tries to point out the way and then stimulate the student to pursue his chosen path to the success which should be his. The training received by a student who comes to college and devotes his time to the study of science is just as cultural as that offered by literature, language or other departments of the educational system.

### General Science Work May Be Made Major Study of Student

**C**ERTAIN phases of the instructional work of the school of science are of general character, being broader in scope and objectives than any of the departments. The survey courses for freshmen and sophomores aim to give the student a comprehensive view of science as a division of knowledge. The general science major provides opportunity for stu-

### The Study of Science at Oregon State Is One of the Institution's Largest Fields



dents to pursue a program of study in science broader than that of a single department and has been organized to meet the needs of students whose scholarly interests are predominantly scientific, but who do not wish to major in one of the special sciences.

These students include, for example, those desiring a general education featuring the scientific field; the prospective teacher of high school science, who must be adequately prepared in a considerable range of high school subjects; or the prospective scholarly specialist in a border-line field between two or more sciences.

To meet the needs of such students a rather flexible curriculum has been authorized, the courses being selected from the offerings of the various departments. A committee representing the larger general fields of science administers the general science curriculum and is responsible for the advising of students majoring in this division.

Other science courses are provided which cover the fundamental fields of science rather than the content usually comprised in the specialized science departments. These courses are non-technical and are designed for the student interested in science more as a cultural subject than for any other specific purpose.

In the specialized fields of the school, which include bacteriology, botany, chemistry, entomology, geology, mathematics, physics, and zoology, Oregon State college is admirably equipped with personnel and has adequate facilities to offer a good, sound education in any of the departments.

### Bacteriology Department Offers Choice of Many Fields

**T**HE department of bacteriology has shaped its instruction to afford a foundation for the applied fields and a thorough training in bacteriological subjects. Such training is essential to the appreciation of the importance these subjects occupy in our civilization and serves as a foundation for advanced work leading to the graduate degrees. Since agriculture and allied fields are of vital

importance to this country, a very valuable and practical field of research is open to the student seeking advanced work of this nature in bacteriology.

There is probably no science which articulates more closely with different phases of life than bacteriology. This is especially

noteworthy in view of the fact that the science has made almost all of its growth during the past 50 years. Pasteur in France, Koch in Germany and Lister in Great Britain founded the science of bacteriology with-



in the memory of men now living. Since it is recognized that nearly all diseases both of men and the lower animals have for their cause bacteria or other minute organisms, it is evident that to the physician, the animal pathologist, and the veterinarian, training in bacteriology is a necessary qualification. Since a great number of plant diseases also are known to be of bacterial origin, it follows that the plant pathologist, who is so necessary to the great interests of modern horticulture, should be well versed in the principles of bacteriology.

The engineering sciences, in their most effective development, are also dependent upon bacteriology. The expert chemist and the entomologist find constant uses for a knowledge of the science. The farmer, housewife, and teacher benefit through bacteriology—the farmer for the good of his soils, his family water supply, his dairy; the housewife for the benefit of her art in preparation of food and in promoting the health of her family; the teacher, to strengthen her leadership in the community, must have a knowledge of the subject.

After a thing is once known, it is not difficult to have it become used throughout civilization, but perfecting the idea or substance, be it a change in a method of procedure or a new serum, is the important thing and this is where the bacteriologist comes in. Persons trained in this field are needed in pure bacteriological research laboratories, in agricultural bacteriology, dairy bacteriology, in the field of food specialists, as laboratory technicians and in work with the various kinds of soils.

Bacteriology is one of the main central subjects of the scientific field and due to this fact the trained bacteriologist is in a strategic position for commanding a livelihood with a certain degree of success in his professional attainments.

### Present-day Scientific World Relies Extensively on Botany

**B**OTANY is another field that has continually taken a great part in the scientific world. Present-day agriculture, including horticulture and forestry, look to botany for the solution of many of their most important problems. Even the medical profession and the field of pharmacy have a great use for botany as many of the drugs are manufactured from plants which botanists have found to be of benefit to the health of the human race.

A division of botany which is now attracting the attention of experts in the field is that of ecology, which has to do with the relation of plants to their environments. This study is of particular importance at the present time because of the vast amount of erosion control being conducted by the national government. The subject of erosion control is closely associated with courses dealing with range grasses, forage crops and poisonous plants which are now being studied with the idea in mind of improving the public domain.

In determining whether to enter some field of applied botany as a life work, certain requirements must be con-



sidered. First of all, a genuine liking for natural science and an intense interest in acquiring knowledge in that field are essential. Without the stimulation of a natural interest which drives one to persistent and energetic effort, scientific study and work are likely to prove but drudgery. With such interest, however, the study of nature never becomes dull. Second, to justify devoting one's life to a scientific career, the student must find in himself an innate capacity for scientific thinking and for the mastery of innumerable scientific facts which must be acquired with accuracy and discrimination. As one may be fond of music without having the ability to master musical technique, so one may find scientific fields attractive without being equipped by nature for the rigorous, painstaking operations of scientific inquiry. Scholastic success in any of the natural sciences in the secondary school may be taken as some indication of probable success in scientific work later on.

Exceptional mental powers are not required in all forms of creditable scientific work, but unless one's scholastic ability is above the general average, the selection of a scientific career is open to serious question. Other qualifications are especially important for the investigator. Some of them need not be emphasized as strongly for those who intend to go into some field such as inspection, where technical training is not so essential and investigational work is not required.

Botany is a foundation course for many of the applied fields of science and "dove-tails" into the work of some fields which may seem to be entirely disconnected with it. For instance, the manufacture of automobile tires. At first this may not seem to rely particularly upon botany, but when it is understood that rubber must be taken from trees which are not too easily grown, and must receive considerable care, it is not difficult to see the importance of botany to the rubber industry.

Plant pathology, dealing with diseases of plants, is closely associated with many industries; plant physiology, considering plant growth, is important because of the necessity of increasing crop yields; a knowledge of ecology is necessary in attempting to produce new crops in strange territories; taxonomy, the classification and identification of plants, is of importance to nearly every field which relies upon botany for information.

These fields listed above show some of the opportunities open to students majoring in botany, which is a department of the school of science. Increasing demands are made of botanists as agriculture, forestry and related fields develop and need assistance.

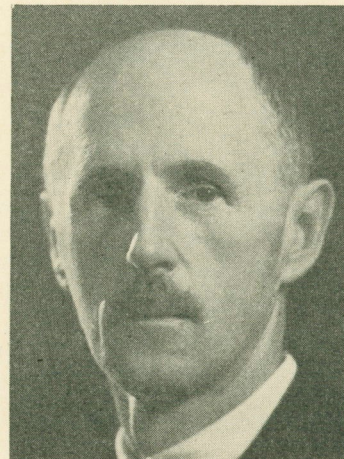
### Wide Application Made of Course in Chemistry as Given Here

**P**ERHAPS chemistry is one of the most used fields of science. Everything and every person has use for chemistry in some form or another. The fundamentals of chemistry properly taught should guide one to a knowledge of what in a general way is being constructed and used in industries of the present day. For example,

from a metallurgical point of view, he should be able to understand what is meant by special alloys, bronzes, brasses, glazes and other coverings that are used to protect commodities from atmospheric erosion. He should also be able to understand works dealing with bio-chemical processes and appreciate the value of the newer medicinal remedies.

He should also be able to appreciate food chemistry, both in its manufacture and its use, and be able to dif-

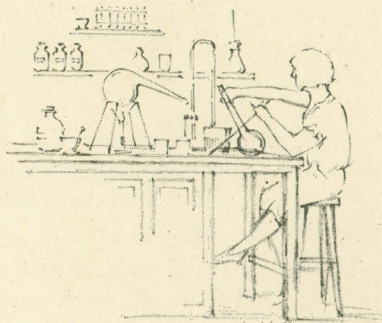
DR. E. L. PACKARD,  
*dean of the school of  
science at Oregon State  
College, has been at the  
head of this division of the  
institution for the past two  
years and has guided its  
growth since creation to  
one of the largest and most  
comprehensive schools on  
the campus.*



ferentiate between true foods and proprietaries that are only made to sell. In addition to this he should have a good knowledge of agricultural pursuits, knowing what is meant by the term sour soils, sweet soils, etc., and what to apply to bring about a neutral soil condition so that plants may be able to derive from the earth those nutrients most applicable and economical sustenance.

Also the effect of waters leaching minerals out of the rocks and placing them in deposits where they can be secured by proper mining operations. He should also be able to identify these minerals and classify them according to their best uses whether they enter into alloys or whether they are to be used as straight metals. The subject of electro-plating with the new metal chromium, which is now superseding nickel, and others that are bound to come in the near future, as well as the manufacture of high-grade machinery not even excepting watch works, the quality of whose mechanism is so high as to make tiny wrist watches possible.

Then the question of glasses of which there are becoming so many, each made for its own particular purpose. The chemical laboratory is entirely responsible for the complete emasculation of the Indigo trade as the dye is now made artificially. As a matter of fact, part of the chemist's education is to sit down and figure out the molecular structure of these compounds and, when this has been done, he can be





## 4 Oregon State Monthly

sure of certain processes which will result in new substances, provided he has the necessary fundamental knowledge. It is often possible in this way to improve upon natural products.

He should be able to understand the manufacture of leather. How the processes have been immensely shortened with resulting product just as good if not better than that which took weeks to make. Present-day chemistry has reduced the time necessary to tan leather by three months. Then the question of glues, sizes, shellacs, and varnishes, each of which requires a different fundamental knowledge and process of manufacture, should be understood. Agricultural products, such as those produced by the dairy industry, have been so immensely improved over the past few years that it is nearly impossible to grasp the stride made.

It is evident from the above that with all its necessary practical applications a cultural value of chemistry should stand one in pretty good hand if for nothing else than to be able to comprehend what is being done in an industrial way, to say nothing of the others that occur each and every day. Chemical positions are varied and many.

### Graduates in Entomology Needed for Work in Insect Control

**A**MONG the sciences that open up new paths of service in the fields of research, instruction and industry is entomology. This field is of great importance, as it has been estimated that 10 percent of the field and forest crops, 10 percent of animal products and 20 percent of the fruit and truck crops are annually destroyed by insects. A billion dollars is thus sacrificed annually to the ravages of insects. Some of the insects are an aid to man, such as the honey bee, but the figures plainly show the needed work to be done in regard to control of harmful insects.

College work in entomology has a great many outlets. The federal government, in its recent revision, has made positions possible that were formerly not available to graduates in this field. State experiment stations which carry on work dealing with the problems of entomology in each particular locality, is another opportunity for the student.

College teaching positions are open for students well trained in this science as well as teachers of general biological science in high schools. This vast field has use for many of the students who are graduated from the college in entomology.

The commercial field, which considers the production, use and research work needed to combat insects, is probably one of science's largest fields. The manufacture of sprays, insecticides, oils, and the like, which are everywhere on sale, can give the student an idea of the amount of work being done in this line.

Many opportunities of obtaining employment after graduation with the federal government, lie in the plant inspection and quarantine division of the federal govern-

ment as well as positions in the bureau of entomology. State inspection of insects under the department of agriculture is a field which is increasing in scope. Formerly these branches of the government did not exist, but it has now developed to where some states have county organizations that are working toward insect control.

In addition to the usual personal qualifications for success along any line—integrity, initiative, alertness, persistence, etc.—the person selecting entomology as a major course should have an inherent interest in insect life and be capable of working long hours at confining work. It is difficult in any work at the present time to receive advancement and promotion, but entomology offers opportunities that compare favorably with any other field of science.

The department of entomology at the college is well equipped for instructional work and practical experience in economic entomology, apiculture and forest entomology. Binoculars, microscopes, library facilities, specimens of insects and outlines of the damage they do, are available for student use. A large collection of insects which is made up largely of those of Oregon, especially the economic forms, exists for the student to study. Often residents or concerns of the state write the department asking for help on their individual problems. Advanced students are allowed to answer these letters after they have made the research necessary for a comprehensive, understanding study of the problem. This diversifies the routine of the classroom and adds interest to the course.

### Opportunities in Geology Field Attract Many Students

**G**EOLGY is another department of the school of science at Oregon State college which is steadily increasing in magnitude and offers the student several opportunities for work in the particular field in which he believes he is most interested and capable. Several students from this department have continued their work in school and consequently have received advanced degrees. These men, being better trained, are usually more qualified for the better positions, but the fields that are open to graduates of the science school in geology with a bachelor's degree are varied and have excellent opportunities.

The state and federal surveys, that are continually being conducted, use students who have a knowledge of geology. Perhaps another field that is more or less similar to the federal survey is that of geological exploration. This branch of the subject supplies an outlet for students with an interest in finding the characteristics of formations not yet recorded and offers pleasant work for the graduate.

Economic geology is a division of the science that perhaps has the greatest interest for the most people. Locating oil deposits, coal deposits, and the like, is part of the work carried on by this phase of geology. It also includes



work with the ores that are found in the earth and methods of making them accessible to man's use.

Many geologists are finding a field opening in connection with the power developments that are being made in this country at the present. The large dams being constructed must be built in firm earth foundations in order to keep from "going out," and this is the work of the geologist. Locating the proper places for the dams and collaborating with engineering in placing the material, is indeed a man-sized job and it requires superior training and judgment to be able to fill one of these positions.

Geology, as do the other fields of science, offers teaching positions in colleges and high schools, and often a student is able to create a position for himself whereby he may use the knowledge and experience gained while in college.

### Mathematics Used More Than Any Other Branch of Science

**M**ATHEMATICS is probably the most used science that exists, as it is a supporting subject to all the other fields. No science, when it is studied in its higher aspects, can be exempt from the use of mathematics in some form or another. The greatest opening for students in this work is teaching. Colleges and high schools must offer mathematics necessary for the advancement of the student and it is through this requirement that so many teaching positions have been created in this field.

Mathematics as offered at Oregon State college is designed to meet the needs of those students seeking mental discipline through the study of an exact science; to equip students with part of the background needed in the study of a pure or applied science; to qualify students for teaching positions in high schools, and to furnish the prerequisites for students planning to take advanced work.

Engineering is directly supported by mathematics. Without a knowledge of the various courses offered in mathematics, an engineer cannot proceed with any degree of success; as a matter of fact, it is impossible to be an engineer without a sound basic study of this field. Chemistry, physics, and hosts of other lines of endeavor rely on mathematics to supply the knowledge necessary for the furtherance of their own particular subject.

Nor is the study of mathematics peculiar to science alone; it is just as important in the industrial world and in the arts. Perhaps it is not used so extensively or on such a high plain in this work as some of the sciences exact from it, but nevertheless it is a requirement for which everyone has some need.

Qualifications for the study of mathematics are similar to those of other fields. A profound interest in the field is necessary for success. Ability is another necessary point, and in mathematics this can be indicated by the grades, interest, and experience that a student has had before coming to college.

### Physics as a Profession Considered Desirable by Scholars

**W**HAT about physics as a profession? Most of the students in high school or college who have studied physics realize in a general way that physics explains a great many things and processes that are met in our everyday life. It is a handy subject to know when things go wrong, and a very interesting subject if you are one of those inquisitive people who wants to know "how it works." Many regard physics as a stepping stone to engineering. Very few, however, think of physics itself as offering opportunities for a life work.

The chief openings to people trained in physics are in teaching, in government service and in industry. Teaching in the secondary schools offers the greatest number of openings. Subject matter preparation is being demanded to a greater extent than formerly for these positions. A master's degree is becoming desirable for the better positions of this type. College positions usually require both teaching and research ability. One great advantage in college work is that there is a good chance of securing a fellowship or an assistantship; then graduate work may be done while teaching experience is being obtained, and while money is being earned. This teaching experience is especially valuable as it helps to fix the fundamentals and develop resourcefulness.

Government service usually requires research ability. Occasional openings occur in the bureau of standards, the weather bureau, the naval research laboratory, the fixed nitrogen laboratory and many more. Occasional openings may also be found with agencies more or less closely related to the government, such as the Smithsonian Institution, the Geophysical laboratory and observatories, especially those that specialize in solar work. Industry as a rule requires ability in research or development. The list of industries that employ physicists is long and varied and includes electrical firms, automotive manufacturers, firms specializing in automatic machinery, lamp and radio tube factories, welding companies, commercial testing laboratories, telephone companies, the motion picture industry, acoustic material companies, and firms manufacturing scientific instruments.

Frequently a man particularly well trained in a special field finds an unusual opening. Optical instruments are beginning to be used in hospitals for diagnosis. X-ray technique is used not only in hospitals but also in industry for examining castings and welds and studying the crystal form of alloys. Optics is helping the engineer locate excessive stresses in structural parts and in designing factors of safety. Specialized lines of physics such as photography and radio lead to many different openings. The recent appointment of Professor Sieg to the presidency of the University of Washington is not at all a singular case; physicists frequently find themselves advanced along administrative lines both in college and in industry. These few illustrations indicate that the chief openings mentioned above are by no means the



only ones, but that good positions are sometimes found in rather unexpected places.

The student who thinks that he may wish to make physics his life work should do two things: get acquainted with what physicists are doing, and he should take stock of his own abilities. Reliable information on the first point, expressed in non-technical language, can be obtained from popular magazines such as the weekly "Science News Letter." The second point is one that should be faced honestly. Not every boy who can fix a lamp socket at the age of seven or eight will make an electrical engineer or a physicist.

A mere interest in physics does not guarantee success in physics as a profession. The scholastic discipline that the budding physicist must undergo is rather severe. It consists, in addition to physics itself, essentially of mathematics, English, modern languages (especially German), chemistry (through organic and physical) and any other sciences such as biology, geology and astronomy, that appeal to the individual. The need for the additional sciences will be evident after reading a few issues of "Science News Letter," and thus getting an idea of the importance of exploring the borderland between physics and the other sciences. In addition to scholastic attainments, certain skills, such as mechanical drawing, shopwork and glassblowing are very useful.

The road outlined is long and somewhat difficult, but no longer and not much more difficult than that which leads to the top in any other profession.

### Course in Zoology Leads to Many Opportunities for Graduates

THE department of zoology as organized at Oregon State college is three-fold. It has the academic study of the zoological subjects such as anatomy, physiology, genetics, evolution, histology, and others, which lead to a degree that will qualify the student for positions such as teaching, government work, state departments, and research work. It also has the pre-medics course, which meets requirements of medical schools, and a course outlined to prepare students to study nursing in a medical school.

Many students welcome the opportunity to work with living things; hence they turn to zoology. The science of zoology deals with the study of animals and its field is broad and its contacts many. It bears a direct relationship to most of the major fields of agriculture, such as dairying, poultry husbandry, animal husbandry, veterinary medicine, animal breeding, crop pests, diseases of livestock, sanitation and the like.

The department is designed to prepare students for work with the United States bureau of biological survey, dealing with such interests as game propagation, predatory animal eradication, rodent control work, animal distributional problems, the beneficial or harmful effects of birds, and the like. It also considers the relation of parasites to domesticated animals and plants. Here opportunity is given to pursue courses which when

combined with other sciences enable one to specialize for positions with those branches of the department of agriculture which deal with the study and eradication of livestock diseases, bulb diseases, and similar problems. There is always a large field using biological science teachers in high schools and colleges.

The aptitudes necessary for students entering this biological field are not especially exacting. First, may be placed a love of nature, as expressed through the living forms about us. Second, an inquisitive mind, wondering about the many "riddles of the universe" and stirred with the desire to solve some of them. Third, perseverance and hard work to master many of the technical details necessary for an adequate comprehension of living organisms. The average normal, serious-minded student with scientific inclinations has the inherent capacity for success in this field.

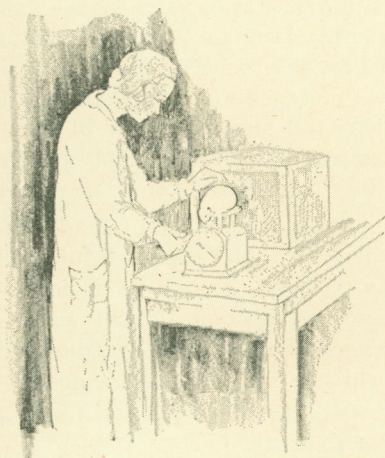
### Pre-Medics, Nursing Curricula Offered at Oregon State

COURSES prescribed by the American Medical association for entrance to standard medical schools are offered by the state college. The medical school in Portland requires for admission at least three years of preparatory work in which there is a balance in elective preparation between courses in liberal arts and social sciences and courses in the natural science particularly pertinent to the study of medicine.

An arrangement made between the college and medical school is that dealing with the bachelor's degree. After three years preparation at the college a student can enter the medical school and after the completion of the first year in the latter institution, he will be awarded his bachelor's degree, thus giving him both the bachelor's and the doctor's degrees when he has completed the work required for graduation from the medical school.

The preparatory nursing curriculum offered at Oregon State college has a similar agreement with the medical school. Students may take two years of their training on this campus and when they have completed three more in the medical school they will receive a bachelor's degree.

Previously the pre-medical work on the campus has been handled through the school of pharmacy as a supporting department, but with the re-organization of higher education in this state three years ago, the zoology department was given charge of this branch of the educational system.







# THE CAMPUS

## Yours and Mine

### Some Pointers on Local Events

Dr. William A. Schoenfeld, dean of agriculture, was elected chairman of the board of directors of the Farm Credit Administration banks in the twelfth district by an unanimous vote of the directors at a meeting in Spokane, Wash., recently. This board controls the federal bank loaning money for agricultural purposes in the Pacific northwest. He will continue his work on the campus as dean and director of agriculture.

Graduates of home economics are cooperating with the faculty of the school in establishing a scholarship in memory of Miss A. Grace Johnson, a former faculty member who died two years ago. If it can be arranged, the fund will bear Miss Johnson's name and will benefit some promising high school graduate yearly. "She made a great contribution to our school and it seems so fitting that her name should be perpetuated in some such way," Miss Ava B. Milam, dean of home economics, stated in a letter to alumnae.

A new social activity on the campus has been originated in the form of social swims, which are swimming parties held each week in the women's building. The purpose is to provide another outlet for students during the weekend. It is becoming particularly popular with the group that does not care to dance. A recent attraction at the swim was a demonstration by Herb Eisenschmidt, '34, graduate student in the science of entomology, who showed the reason why he is holder of many northwest records.

The "fern hoppers" banquet was discussed at the first meeting of the Forestry club for the winter term. The group sponsors the meeting each year of persons engaged in the forestry pro-

fession throughout the northwest. George W. Peavy, dean of forestry as well as being president of the college, has consented to be the main speaker for the occasion.

Dr. Bruce R. Baxter, president of Willamette university and former faculty member of the University of Southern California, was main speaker at convocation recently



MRS. BEATRICE WALTON SACKETT,  
*private secretary to three governors, appointed by Governor Meier to fill the vacancy caused by George B. McLeod moving to San Francisco, brings to the State Board of Higher Education an extraordinarily keen mind, an unusual knowledge of state affairs and the confidence of the public.*

FERA workers on the campus are constructing a much-needed basement under the agriculture building to make room for more adequate storage space. Long the headquarters for rats, the unfinished basement is now being completed by the pouring of concrete floors and walls. Other repairs are being made to the heating and water system of the building and also some of the wiring is being replaced.

Dr. Martha Mae Reynolds, professor of child study and director of nursery school work at Vassar college, has been on the campus for a week this month on her tour of nursery schools and parent education groups in the west. She gave a talk over KOAC during the homemaker's half-hour while here.

Considerable work has been done by KOAC in aiding students in determining their ability as radio artists. Auditions have been given by the station so that anyone interested would have opportunity to try his voice on the air. The "Half-Hour in Good Taste" program, sponsored by the Associated Women Students each Saturday morning at 9:30, is gaining popularity with high school girls. It is designed to assist these girls with their social problems. Recently a letter was received from Gloucester, Mass., stating the program is being used as part of the high school instruction.

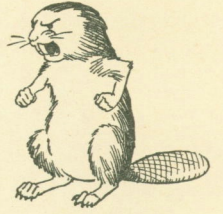
The college orchestra, assisted by several musicians from the University of Oregon and conducted by Rex Underwood of the music departments of both the college and university, added to the musical life of Oregon State recently by presenting a classical concert in the old gymnasium. This is the first appearance the organization has made this year.

"The Lamplighter," literary magazine published on the campus by students, has been placed on sale by the managerial staff. Both the writing and printing were done by students. Alumni wishing copies may obtain them from D. T. Ordeman of the English department.





# SPORTS



Basketball at the Beaver school is what one might call in a great state. The opening games with Washington State were just the thing to put the Orangemen on the right track for the season's stretch. The Beavers' initial contest with the Washington school ended with Oregon State on the long end of a 25-19 score which is not so bad, but to make it still better, the Beavers had to take the second game of the series to the tune of 38 to 29.

Play in the first encounter was dominated by Wally Palmberg of Astoria who accounted for 10 of the team's 25 points. It was also in this game that the campus first realized that it had a jewel in Richard "Mose" Lyman of LaGrande. Lyman was a letterman here three years ago, but dropped out to do a little traveling abroad, but is back again better than ever.

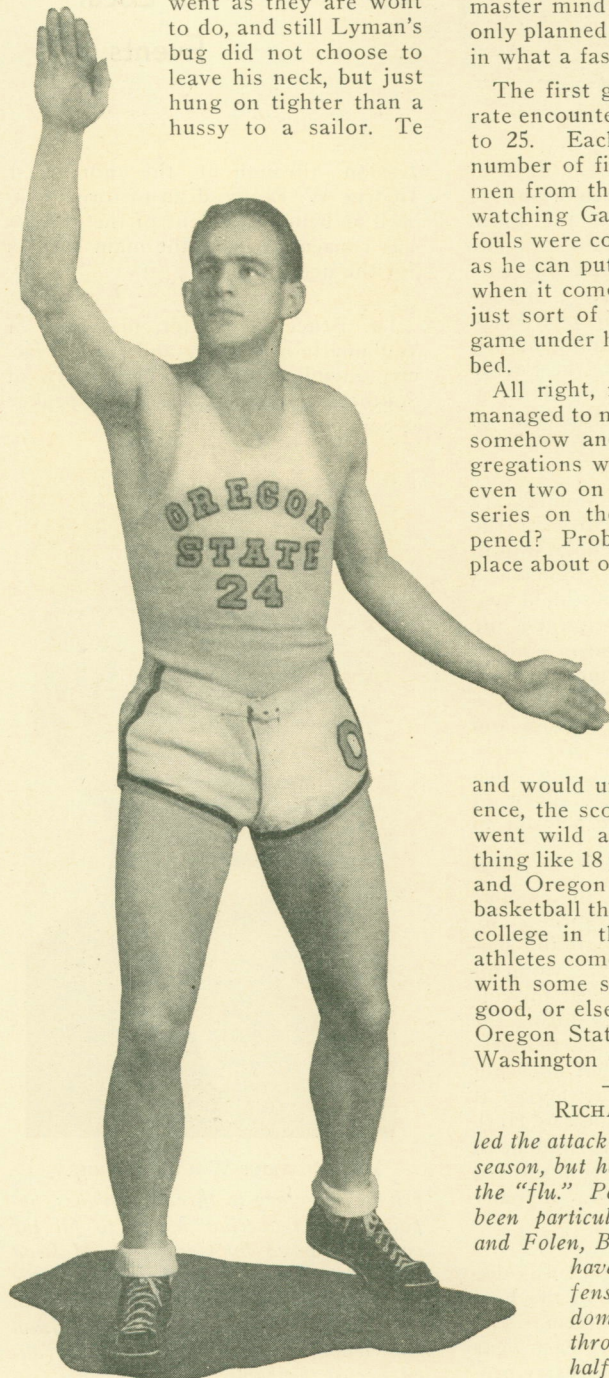
In the second contest the Beavers put Washington State through the washing machine and managed to come out with a 38 to 28 score. This victory placed Oregon State in a tie for first place in the northern division with Oregon university. Both schools have defeated W. S. C. two games and lost none. Idaho and Washington had split a series and Washington State was on the bottom with four losses and nothing to its credit.

Now then, here is where the atrocities begin. The next game was scheduled with Oregon university. On a night bad for Oregon, the Orangemen ran up the largest score ever made against the university—47 to 18. Oregon just couldn't seem to do anything about it. Lyman was the luminary of the contest. His long shots and defensive tactics placed him in the lead for No. 1 honors. This changed the aspect of the northern division standings. Oregon and Washington dropped to a tie for second place, Idaho split with Washington State, which left the Cougars in fourth and the Vandals in fifth places respectively, while O. S. C. was in top position.

Gloom settled over the Orange camp. Lyman could not make the trip to Seattle to meet the Husky. Now Lyman is not just another player. He was leading, at the time, the scoring aggregation of the Orange offense, and was in third place for scoring honors in the northern division. It looked bad for Oregon State. Washington had played in hard luck the week before

when its all-star, Bob Galer, was out with a sprained arch and a bad cold, but he had recovered and was a sure-shot for the Beaver series and here was Oregon State with its champion in bed with the flu.

The days came and went as they are wont to do, and still Lyman's bug did not choose to leave his neck, but just hung on tighter than a hussy to a sailor. Te



listened for some good opinion from the "doc," but it was not forthcoming. The team entrained for Seattle, where they met Jean Parker, incidentally, to take Washington, Lyman or no. But Washington had another idea about that taking business and Galer was the master mind behind the idea. He not only planned it but also executed it and in what a fashion.

The first game, a thriller, and first-rate encounter, went to Washington 30 to 25. Each team scored the same number of field goals, but the gentlemen from the Willamette valley were watching Galer so closely that many fouls were committed against him, and as he can put Dead-eye Dick to shame when it comes to hitting the orbit, he just sort of naturally tucked the ball game under his arm and went home to bed.

All right, now then the next night managed to make it around to 8 o'clock somehow and the two basketball aggregations were primed to make it an even two on one side and to split the series on the other. But what happened? Probably something that takes place about once every fifty years (statistics not verified). Oregon State went down again to the Husky by the same score, 3 to 25. At least the games were consistent and it made it fine for the sports writers. Lyman was still ill

and would undoubtedly made a difference, the scores were the same, Galer went wild as ever and scored something like 18 points in the second game, and Oregon State played a brand of basketball that would be a credit to any college in the United States. When athletes come to the coast and hook up with some school here, they must be good, or else back to the bush league. Oregon State took both games from Washington this week, 31-26 and 28-17.

#### RICHARD "MOSE" LYMAN

*led the attack in the opening games of the season, but has been out recently due to the "flu." Palmberg and Hibbard have been particularly brilliant on offensive and Folen, Bergstrom, Hill and Kidder have been the main line of defense. Conkling at center has dominated over his opponents throughout the season's first half.*





# Beaver Tales



Eunice Courtright, '25, Editor

## VITAL STATISTICS

### Births

**Joy**—To Mr. and Mrs. Edward L. Joy (Doris Reddick, '28, HE), Spokane, Wash., a daughter, Doris Joanne, was born December 31. This is their second daughter. Joy, '27, F, is working in the blister rust control office at 618 Realty building.

**Heacock**—To Mr. and Mrs. C. F. Heacock (Elsie Morley, '24, C), St. Helens, Or., a son was born January 9.

**Hagglund**—To Mr. and Mrs. Gustave Y. Hagglund (Marianne Hand, Class of '32), a daughter, Nancy Virginia, was born December 27. Hagglund, '30, A, is agricultural agent of Deschutes county.

**Hornecker**—To Mr. and Mrs. Roland Hornecker (Ida Berger, Class of '28), Cornelius, Or., a daughter, Sally, was born December 31. Hornecker is a member of the '27 class.

**Hirtzel**—To Mr. and Mrs. Marion C. Hirtzel, Chihuahua, Mexico, a daughter, Bernice, was born December 21. Hirtzel, '28, M, is a mining engineer at Chihuahua.

**Gray**—To Mr. and Mrs. Robert I. Gray, 5728 SE Pardee street, Portland, a daughter, Shirley, was born January 12. Gray, '33, P, is a Portland druggist.

**Mott**—To Representative and Mrs. James Mott (Ethel Walling, Class of '19), Washington, D. C., a third daughter was born in January.

**Williams**—To Mr. and Mrs. Lyle Williams (Sanna Larson, Class of '34), Gladstone, Or., a daughter, Shirley Jean, was born December 15. Williams, '32, ME, and his father are joint owners of the Williams Plumbing company at Gladstone, near Oregon City.

**DeBar**—To Mr. and Mrs. Bryant G. DeBar (Vie Rice, '23, C), 647 East 15th street, Eugene, Or., a son was born October 22.

**Daniels**—To Mr. and Mrs. Thaxter N. Daniels (Sedoris Jordan, '26, C), 1112 North Second street, San Jose, Calif., a son, Thaxter Jordan, was born January 12, their first child. Daniels, '25, IA, is an industrial arts instructor in the Woodrow Wilson junior high school in San Jose.

**Ide**—To Mr. and Mrs. Hervey V. Ide, Route 4, Box 110-C, Troutdale, Or., a son, Frank Verner, was born December 20. Ide is a member of the '33 class.

**Hardie**—To Mr. and Mrs. Alex D. Hardie (Leta Dyer, '25, HE), Condon, Or., a son, James David, was born January 10. He is their second son. Hardie, '23, A, has a ranch near Condon.

**Wood**—To Mr. and Mrs. Vincent Wood (Agnes Nasset, '31, C), 1245 Appleton, Long Beach, Calif., a daughter, Johanne, was born January 17. Wood, '34, A, is employed in the Shell Oil refinery at Long Beach.

### Marriages

**Nomura-Somekawa**—Howard H. Nomura, '32, P, and Emi Somekawa of Portland were married in January. Nomura owns a drug store in the Arata building, Portland.

**Douglas-Rowe**—George Douglas, Willamette university graduate, and Dorothy Rowe, '34, HE, were married December 22. They have located at the Marion Apartments, Salem.

**Eisenbrey-Tracy**—Morris Eisenbrey, '34, Sci, and Edna Tracy, '34, HE, were married in Claremont, Calif., December 26.

**Bell-Cleland**—John Haslett Bell of Rushville, Ill., and Ruth Cleland, Class of '27, were married in San Francisco December 8. They are living in the Bay city.

**Locatell-Jones**—Orval Locatell, '35, and Dixie Jones, '37, were married at Sacramento, Calif., December 4.

**Luehrs-Boice**—Robert L. Luehrs, '32, P, and Louise Boice, graduate of the Good Samaritan school of nursing, were married December 24. Luehrs is continuing his course at the University of Oregon medical school.



ELIZABETH FLETCHER LILLIE, '33, who was recently married. She is employed on the campus.

**Pitts-Skeen**—Jack Pitts, '36, and Priscilla Skeen, '34, HE, were married in Redondo Beach, Calif., January 1.

**Epling-Hanks**—Golan Epling, former student of the University of Oregon, and Melba Hanks, '30, VE, were married December 25 at LaGrande. Epling is a LaGrande business man. Mrs. Epling has been a member of the teaching staff of the LaGrande high school for several years.

**Carver-Thomas**—Wayne Carver, Class of '34, and Beth Thomas of Powers, Or., were married December 25. They are residing at Powers where Carver is an employee of the Coos Bay Lumber company.

**Anderson-Pietarila**—Edward H. Anderson of Enumclaw, Wash., and Helen Pietarila, '32, C, were married at Astoria in early January. Anderson is associated with the Pacific Fruit and Produce company in Astoria.

**Woods-Baker**—Corinne Baker of LaGrande and Ethan Woods, '34, A, were married in Portland December 28. Woods is assistant county agent of Union county with headquarters at LaGrande.

**Klein-Stone**—Kenneth Klein, '34, Engr, and Theresa Stone, '36, were married in Corvallis December 24. They are living at Waldport where Klein is an engineer employed on the Alsea Bay bridge.

**Brandeberry-Stevens**—Earl C. Brandeberry, Class of '34, and Dorothy Stevens of Albany were married there January 5. Brandeberry is employed in the mill office of the Hammond Lumber company at Mill City, Or.

**Covey-Kizer**—Frank Covey of Albany and Velma Kizer, Class of '23, were married in Portland December 22.

**Helgesson-Honko**—Leonard Helgesson, '30 EE, and Anna Honko of Middle Grove, N. Y., were married in Portland in December. Helgesson is an engineer with the General Electric company in Schenectady.

**Maybach-Trabert**—Leland Maybach, Class of '33, and Dorothy Trabert, '32, HE, were married in January and are now living at Camas, Wash.

**Moser-Gable**—Albert Moser, '33, A, and Lucille Gable, Class of '34, were married in Portland Christmas night. The Mosers are living at Gasquet, Calif.

**Aiken-Downing**—Robert Aiken, '30, A, and Kay Downing, Class of '33, were married in Portland December 23. They are now at home at Booth, Or.

**Coopey-Hampton**—Raymond Coopey, '30, VE, and Madge Calkins Hampton of Eugene were married in Eugene December 23. Coopey is band instructor in the Klamath Falls high school and Mrs. Coopey, a University of Oregon graduate, is supervisor of music in the same school. They are living at the McCarthy apartments.

**Pearce-Emmett**—Jack Pearce, '34, SS, and LaVora Emmett, junior in education, were married in Albany Christmas day. Pearce is joint owner of an advertising agency in Albany.

**Bacon-Newton**—Gordon Bacon, '35, and Fern Newton, of Portland, were married in Portland December 22. They have taken residence at the Marian apartments in Portland.

**Long-Adams**—Frank W. Long, University of Oregon graduate, and Jewell Adams, '35, were married in Roseburg December 23. After a trip through California and Mexico they are at home in Roseburg.

**Palmer-Sloper**—Gerald A. Palmer, Class of '27, and Mildred Sloper, '33, HE, were married in Independence, Or., December 22.

**Klamp-Stetter**—Alfred Klamp, Class of '31, and Irene Stetter of Monitor, Or., were married in Monitor December 28. They have located at Richmond, Calif.

**Lillie-Fletcher**—Lloyd Lillie, '34, Engr., and Elizabeth Fletcher, '33, HE, were married in Portland December 31. Lillie is a Boy Scout director with territory in five Oregon and Washington counties, with headquarters at Portland. Mrs. Lillie is continuing her work as secretary to Ava B. Milam, dean of home economics at Oregon State college.

**Pemberton-Lefebvre**—Robert Pemberton, '24, CE, and Alice Lefebvre of Portland were married there January 12. They are at home now at 3652 Southeast Stark street, Portland.

**Ericson-Leach**—Warren T. Ericson of Brainerd, Minn., and Wilma Leach, '27, VE, were married at Brainerd during the Christmas holidays. They expect to make their home in Minneapolis where Mrs. Ericson has been a physical education instructor in one of the high schools.

**Youngson-Blake**—Dr. William W. Youngson, '29, LL. D., and Mrs. F. H. Blake of Portland were married in Fresno, Calif., January 19. After visiting in the Bay district Dr. and Mrs. Youngson will be at home at 3143 Northeast 62nd avenue, Portland.

**Greene-Pope**—Kirk Greene of Los Angeles and Jane Pope, Class of '35, were married in Yuma, Ariz., December 23.



Smith-Martin—Earl Smith, Class of '24, and Ada Martin of Winston, Or., were married January 13. Smith is employed at the Moyer nurseries at Dillard, Or., near Roseburg.

Ochsner-Tucker—Paul Ochsner, Class of '32, and Minnie Tucker of Albany were married in Albany January 13. Mr. and Mrs. Ochsner have gone to Chicago to live as Ochsner has accepted a position with the Andrew H. Brown Lacquer company there.

Griffin-Welch—Robert S. Griffin, '28, C, and Marguerite Welch, '34, HE, were married in Corvallis December 24. Griffin is head of the department of speech at the University of Nevada, Reno, Nev.

Wilson-Southam—Merritt Wilson, '32, C, and Lois Southam, '31, C, were married at 11 o'clock New Year's day at the Little Church Around the Corner in New York city. Wilson is buyer of curtains and draperies for Hahnes in Newark, N. J. Mrs. Wilson is supervisor in the unit control division over children's wear, sporting goods, radios and men's clothing at Gimbel Brothers, Inc., in New York city. They are living at 433 West 34th street, New York city.

Curtis-Harer—A. Ralph Curtis, '33, A, and Valette Scarborough Harer, '30, C, were married August 22 at Albuquerque, N. M. Mrs. Curtis has been teaching the past three years in the Commercial department of the Sonora, Calif. high school. Curtis' home is at Solomonsville, Ariz.

## Deaths

Lingo—Emma Beach (Mrs. Ira B. Lingo), '98, DSA, died in Corvallis January 11 after an extended illness. She is survived by two daughters, Mrs. Chris T. Wilde (Emily Lingo, Class of '27) of Mapleton, Or., and Irma Lingo of Corvallis.

After their marriage in 1900 the Lingos moved to Sellwood, Or., until the death of Mr. Lingo. She returned to Corvallis in 1920.

Horning—Alice Horning, '82, BS, died December 23 at a Medford hospital following an illness of several days, after she had contracted pneumonia. She is survived by one sister, wife of Charles D. Thompson, '86, of Medford.

Before her retirement in 1931 Miss Horning was for many years instructor in home economics and librarian at the Grants Pass high school, also a teacher for a number of years in Corvallis schools. Miss Horning studied at Drexell institute after completing her course at Oregon State.

Lewis—Leroy Henry, two-months-old son of Mr. ('32, F) and Mrs. Robert O. Lewis died December 30 at Tangent. The child died from a severe cold and a weak heart.

Hollenberg—Ethel Higdon, Class of '09, wife of Clare Hollenberg, Class of '08, died January 11 at the family home in Brentwood Heights, Calif., following a major operation. The husband and three children, all grown, survive.

Springer—Luella Campbell, Class of '14, wife of Donald L. Springer, died at her home in Grants Pass, Or., January 13. Mrs. Springer, married in 1912, was the mother of three children, Jeanne, Betty and Dick, who survive with the husband.

Whiteside—Lillian Ranney, '00, DSA, wife of George E. Whiteside of Corvallis, died unexpectedly at the family home January 1, although Mrs. Whiteside had been ill since November. Surviving with the husband are two sisters, Miss Belle Ranney of Corvallis and Mrs. Sherman Wade (Maude Ranney) of Condon, Or.

Mrs. Whiteside spent her entire life in Benton county.

Sims—Mrs. Stuart Sims, wife of Stuart Sims, formerly of the Oregon State faculty, died in a Hollywood hospital January 4 following an emergency operation. Mrs. Sims had been visiting in California with her two daughters and other friends.

## Ninety-seven

Sadie Friendly, HE, makes her home at 2411 Northeast Klickitat street, Portland. Recently Miss Friendly returned from a cruise to South American countries.

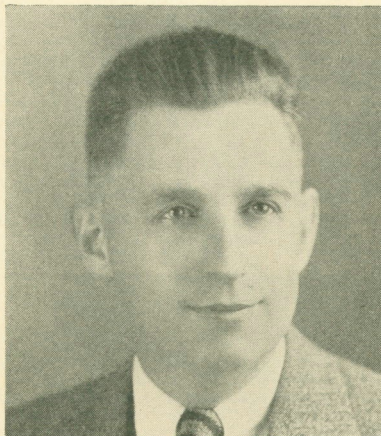
## Four

Etta Fuller, DSA, now Mrs. Charles A. Howard of Corvallis, happened to call the Alumni

Office recently and was surprised to find that we hadn't heard the news of the marriage of Edith Howard Zurcher, '02, DSA, to Dr. George Houck, Roseburg physician, last September. Mrs. Houck is continuing her work as head dietitian at the Roseburg U. S. Veterans' hospital until later this year. Mrs. Houck's older son and daughter are married and her second son is finishing at the University of Oregon this year.

## Eight

Florence Johnson, C, now Mrs. A. Denver Leedy, and her husband are living at Route 12, Box 214, Milwaukie, Or.



ROLSTYN D. BRIDGES, '11, has a letter appearing in his class notes giving a lot of information.

## Nine

Dear Friends:

We are still hearing echoes from the Naughty-nine Silver Jubilee.

Captain Jesse Tiffany passed through Albany the other day and gave one of his bolo knives to Elmer Williamson. Elmer is going to keep it in a drawer in his desk at the bank as a sort of hold-up insurance. We can see a hold-up man leaving the Albany Bank in high with Elmer and Tiffany's bolo trimming his coat-tail.

One echo of our class Jubilee was the way our classmate Peter Zimmerman ran for Governor. Independent candidate, late in the race, but he ran like a scared wolf. Pete was runner up, and only a few thousand behind Martin.

Another interesting echo: The statement, "Come walk with me lad" was made by Senator Clyde Williamson, brother of Elmer who presided at our Silver Jubilee banquet. Clyde was referring to the attitude of our much beloved old-time friend, J. B. Horner. Back in the old days when J. B. helped in the registration and fathered the boys while Mrs. Horner mothered the girls, it transpired that J. B. came across Clyde when he was down in spirit, and our old friend said: "Come walk with me lad," and placed his umbrella over Clyde and said words of cheer that lifted Clyde out of the gloom. Clyde mentioned this incident in a talk in Albany and now it is immortal. Anne Shannon Monroe, Oregon writer, has used it for a new book similar to "Singing In The Rain." Of such fine threads is the fabric of life woven.

The lost is found! Mulk Raj Soi! After hearing many fantastic tales of our old friend Soi, and even hearing of his demise, he turns up in a letter to Williamson:

"22 Daryaganj, Delhi, India  
"Nov. 27, 1934

"My dear Williamson:

"I would have loved to have joined you in the Silver Jubilee reunion. I presume that some of the old classmates, like myself, are growing gray. I expect that I shall be able to visit the United States again in my lifetime and get the

surprise of Rip Van Winkle. My third son is at present under training in the R. C. A. Institute, New York. As a part of his training he may have to visit Hollywood; if so, I shall ask him to stop at Corvallis and meet anyone who may remember me.

"I have six children, three sons and three daughters. The eldest son, an electrical engineer, was in England for five years. He has his own business in Delhi. My second son has opened a talkie show in Allahabad. Two daughters in school; one married. I have two grandchildren (Take notice Cleva Rooper and all comers).

"There have been times of unpleasantness, but on the whole I have been content and satisfied. Two years during the war I spent in Mesopotamia. I have the consolation that instead of killing people I was running an electrical ice-plant at the base for the benefit of the wounded. I have not hoarded money but am doing well, better than millions in my country. I wish all of my classmates a very happy and enjoyable future.

"I am, your friend,

"M. R. SOI"

Note. We will venture a guess that a previous letter mailed by Soi last year did not get by the censor. Let some of us write to Soi. How glad he would be to hear from us. Hands around the world. E. C. C.

## Ten

Hear ye! Hear ye! Hear ye! The trial is now opened.

Charges: That the class of '10 took a poor unsuspecting world for a sad awakening.

Place: Oregon State College campus.

Time: June 1, 1935.

Tribunal: Oregon State College.

Complainant: The World.

History of the case: Be it known to all within earshot that the times have changed, but (whereas) the ways of the 1910 world were surprisingly like the world of 1935. (Whereas) Women were a problem. They wore or created a headdress comparable to a Fiji Islander's coiffure caught in a Kansas cyclone. They wore starched shirtwaists that would shame the frontispiece of a man's soup and fish. But they were women and that meant trouble.

Be it further known that the class of '10 is guilty in the highest degree of gullibility and gross overestimation of its own personal worth. The Orange (predecessor of the Beaver) nowhere refuted the Utopian placard it presented of the seniors scanning an eager world awaiting their soulful ministrations.

Be it known, however, that this was the era or age of unsophistication and scholarly pensive-ness. "My salt tears just patter" and "little birds twittering amid the boughs rejoicing in the sweetest symphony of nature" found favor with considerable space in the publications. Despite the high sounding morality of a round dozen literary societies—the Athenaeums, Clonians, and Zetagathians, the rooks from assembled evidence were given a liberal education and the upperclassmen carried on activities utterly unbecoming to their high estate.

"Boss of the Road" overalls claimed approval in the Orange. Readers were also advised to "look under the paint of our up-to-date line of high-class surreys."

Be it known that twenty-five years ago, we were OAC. There was a Latin department where "Virgil was studied during the third year." The drawing department had equipment of "a couple of busts, some feet, and two ears." "Track men wore small nightshirts and knee pants and football was a real man's game."

Be it known, however, that if I can look back twenty-five years during 1962 and see things previous to '37 as little off-color as the days of '10 are to '35, then I shall consider myself wiser, more self-sufficient than I ever aspire to be.

HOWARD ROGERS, Class of '37, F  
(Prof. Starker made me do this) H. R.

You are therefore advised to appear in court (OSC campus), June 1, 1935, to answer the above charge.  
T. J. S.





## THE SPIRIT OF SERVICE

THE value of a nation-wide telephone service, under one unified system, is reflected in the day-by-day efficiency of your own telephone. It is given dramatic emphasis by an emergency.

Several years ago, the worst sleet storm in telephone history swept north from Texas almost to the Great Lakes and ravaged a section 150 miles wide. Thousands of telephone poles were broken. Thousands of miles of telephone wire were snapped by the weight of clinging sleet. Telephone communication throughout the country was affected by this gap in the Middle West.

To restore the service quickly was beyond the power of the local telephone companies. Had they been forced to tackle the job alone it would have taken months and imposed a heavy financial burden.

Instead, the full resources of the Bell System were thrown into the breach. From the Southwest, from New York, Pennsylvania, Ohio and the Northwest, the repair trucks started rolling into the stricken area.

Even while men were on their way, the warehouses of the Western Electric Company started shipments of tools, wire, poles, cross-arms and other needed equipment. It was only because of standardized material and standardized methods that the emergency was met and service quickly restored.

Telephone service as you know it today would be impossible without the unified Bell System.

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*The Western Electric Company is the manufacturing, distributing and purchasing organization for the Bell System. Centralized activity of this kind means better quality at lower cost.*



BELL TELEPHONE SYSTEM



Note—We have no addresses for the members of the '10 class. Can you help us locate them now so that they can be notified of the Silver Jubilee plans and receive material regarding it? Please send your information to the Alumni Office.

Harry D. Bowman, Everett M. Billings, Lati-mer H. Booth, Chloe A. Burris, Bertha L. Cramer, now Mrs. Cecil Brown, Howard C. Cunningham, Ezra S. Dixon, Leta Edington, Agnes Goodrich, now Mrs. Ray Berry, Ruth Hess, now Mrs. William Bollons, Jr., Frederick E. McGrew, Glenn McKenzie, Howard O'Connor, Frederick E. Pernot, Irving Province, Le-roy C. Rulifson, C. Howard Schartow, Adolph H. Schmidt, Leighton J. True, Laura Van Meter, now Mrs. Gump, John O. Vines.

John Lines, ME, and wife are living at 434 North 17th avenue, Phoenix, Ariz. They have two sons, one attending radio school in Los Angeles and the other a student in the Phoenix junior college. Lines is an engineer with the Arizona state highway department.

## Eleven

Class of 1911:

Your reporter has not been deluged with letters from the old gang, so if this column goes stale it is just your own fault for not writing to me so I may pass it on to the rest of you. However, I do have one good letter which will make up for all of you neglecting me. It is from Rolstyn D. Bridges of Oakland, Or.

"Dear Fern: First of all pardon the stationery as I was not sure that my business stationery would hold all that I wanted to write to you and Vane.

"Mrs. Bridges, Joyce, Dan and myself went to Portland for the big game, Oregon and Oregon State, and I was very much put out that we would have let that bunch take us for another, and then I always let my old school pride get the best of me and I make certain wagers with U. of O. men and salesmen, or what have you, and for the past few seasons I have not been doing so well.

"Joyce, my daughter, is a sophomore in high and is looking ahead to the time when she can go to the old school, and will she make a loyal OSC girl? Well, she ought as that is about all she ever hears when schools are mentioned. You see my sister's two daughters finished at Oregon, so she likes to talk to Joyce about going to Eugene—just to hear me rave, I guess.

"Since seeing you last I have started a new business in addition to my general merchandise store, a local feed store, so between watching both of them and buying dressed turkeys for the holidays, 2½ million pounds of dried prunes last fall and wool and mohair in the spring (so far we have shipped 125,000 pounds of dressed turkeys) our feed store has developed a large volume of business. We serve poultry and turkey growers over quite a section here, and it almost keeps me broke buying cars of feed but it was very nice to see the money coming back home when they sold the turkeys.

"Last year I was president of the Douglas County Chamber of Commerce, which is composed of representatives from all chambers of the county, and we accomplished many good things. I am vice-president of the Roseburg country club. Oh yes, I forgot to tell you I have two ranches, one operated under my supervision, 481 acres, raise sheep, turkeys and prunes, so you can see if I can't find one thing to do I do something else.

"I am looking forward to big things from our basketball team at OSC and expect to see some of the games and what I cannot see I surely listen to on the radio. Tell the Alumni Association that I surely appreciate the radio broadcasts, as do all the other grads and others in this section. We are just a little too far away to get up there in time for games.

"Kindest personal regards," ROL

Guy A. Shaddock, EE, notified the Alumni association that he is now living at Route 1, Eugene, Or.

Clifford A. Dunn, M, past president of the Klamath Falls Rotary club and an active Rotarian, had charge of the program of December 28 put on by Oregon State students home for vacation. Dunn is also past president of the Oregon State Alumni association.

## Twelve

Fred McMillan, EE, left Corvallis for New York city January 12 to attend the board of directors meeting of the American Institute of Electrical Engineers, of which organization he is vice-president of the northwest district. McMillan had been requested to address classes at the University of Utah, Montana State college and at Spokane.

While in the east he planned to visit Harrison Belknap, EE, staff member of the Westinghouse Electric and Manufacturing company at Pittsburgh, several days at the General Electric works in Schenectady and a day in Chicago visiting Malvern Gross, '28, EE, and Zed Atlee, '29, EE, both employed in the General Electric X-ray tube department.



CHARLES REYNOLDS, '13,  
has been elected secretary of the Grande  
Ronde National Farm Loan Association.

## Thirteen

Charles Reynolds, P, LaGrande, Or., was elected secretary-treasurer of the Grande Ronde National Farm Loan association at a meeting held January 12. Since organization of the association in 1917 loans approximating \$1,315,900 have been handled.

## Fourteen

Oscar Stauff, A, and Mrs. Stauff, of Payette, Idaho, were Willamette valley visitors in January. Stauff was called to Portland by the death of a brother.

Benjamin Irving, CE, captain in the reserve officers corps, was called into active army service in January. He has charge of a CCC camp in the Sacramento area. For several years Irving has been city engineer of Roseburg.

Mrs. Irving was formerly Helen Corl, '16, HE.

## Fifteen

May Sutherland, HE, now Mrs. Fred Edgecomb, lives at 3399 Diamond Head road, Honolulu. She has been an island resident for at least 12 years.

Dr. James N. Shaw, A, associate professor of veterinary science at Oregon State, worked out the life cycle of the liver fluke, the first time such a project in the United States has ever been completed. A film was made of his findings to be shown to various veterinary schools in the country.

## Sixteen

John Fraser, CE, civil engineer at Parkplace, Or., put in an appearance at the office of his classmate, Ed Allworth, and after an hour or so chatting they had accounted for a number of their friends. Before engaging in civil engineering at Parkplace, Fraser was employed in the same line for the Long-Bell Lumber company at Kelso.

Fraser had met Fred Butts, Class of '20, not long ago and couldn't help but note that Butts is getting along nicely in position with the Adcox Automotive school in Portland where he is in charge of the correspondence work and has a number of other responsibilities. His wife was formerly Vivian Wellsler, Class of '13.

Paul Amort, CE, says Fraser, is in Portland, running a business of his own. He is owner of the Beaver Manufacturing company at 816 Southeast Hawthorne which manufactures Beaver Oil burners and retails fuel oil.

Elmer Thompson, A, Helen Huston Thompson, Class of '19, and their son Robert were in Corvallis in January to visit their daughter, Jean, freshman at Oregon State. The Thomp-sons live at Glendale, Calif.

## Eighteen

Meier "Darkhorse" Newman, C, called on campus friends in January after a 7-year absence. As he is traveling representative of the Real Silk Hosiery company the best mailing address he could give us was P. O. Box 82, Seattle, Wash. His wife and 7-year-old daughter are making their home in California while Newman travels over the United States on business for his firm.

## Twenty

Etta Morcom, HE, now Mrs. Kenneth Sims, her husband and son, have come to Corvallis from Albany to live on North Third street. Sims is service man for the Mountain States Power company in Corvallis.

Helen John, C, now Mrs. H. G. Smith, co-ordinator in the schools of Oakland, Calif., visited her mother in Corvallis and her brother, David John, '17, C, of Stayton, during the Christmas holidays.

## Twenty-one

Raymond McCormack, A, superintendent of schools at Bend, Or., was elected vice-president of the Oregon State Teachers' association at the business session in Portland in December.

Chester Roche, A, manager of the Western Oregon Packing corporation of Corvallis, left for a trip to middle western and southern states in January. He planned to attend the annual meeting of the national canners in Chicago while in that section.

## Twenty-two

William D. Kinder, A, and his wife and daughter, Jane, were in Corvallis for the holiday season. Kinder is western district manager for the Chipman Chemical company at Palo Alto, Calif. He was formerly 4-H club agent in Multnomah county.

Jeannette Cramer, HE, home economics editor of the Oregonian for 12 years, has joined the home service staff of Meier & Frank company, Portland. Miss Cramer is Mrs. Arthur L. Mason in private life.

## Twenty-three

Thomas Delzell, CE, we note by the OREGON VOTER, is assistant to Vice-President J. C. Boyle of the California-Oregon Power company at Klamath Falls. Just this month Delzell has been made manager of the company land and franchise department, still retaining his duties as assistant.

Elmer T. Colwell, C, is secretary-treasurer of the new corporation, Consolidated Rentals, Inc., specializing in apartment rentals. Offices are maintained at Southwest Fourth avenue and Oak street, Portland.

## Twenty-four

Bill North, class secretary and field man for the New York Life Insurance company for Oregon, came forth with these notes when requested to do so. The request should be made more often, I can see that.

"Jerry Heston, A, of Redmond (Powell Butte, to be exact) was one of the principal speakers at a Chamber of Commerce forum luncheon in Portland one day last month. He told of the production of Deschutes Netted Gem potatoes,



and his talk was received with the heartiest applause. Jerry is ranching near Redmond and is a leader among those in his locality. He made a great talk and I got a real thrill out of listening to his presentation.

"At the same meeting I was happy to see Jim Short, '25, again, a prominent warehouseman and produce dealer of Redmond. Jim has a very large plant over there and is very successful. I see him once in awhile when I am in Central Oregon and I know that among both business men and the producers he is right out in the front rank.

"I had the pleasure the other day to see Howard Lewis, ChE, now Doctor Lewis with offices in the Medical-Dental building. We ran into each other as I was coming away from the dentist's chair, and we had a chat for a few minutes. Hod is getting along splendidly in building a practice and teaching at the medical school.

"Right along this line I saw Howard Stearns, A, the other day just as 'Doctor' Stearns was parking his automobile near my office. It was the first time I had seen Howard for a long time. He has a fine practice here in the city and we hear many fine reports of him. His office is in the Medical-Dental building also.

"It seems like many of the '24 class are going to be doctors. Roderick Begg, A, started medical school here a year or so ago and is on his way to be a doctor. I had a good visit with him one evening in his apartment, when much to my surprise I found him deeply engrossed in the study of anatomy or something else of an equally complicated nature.

"One of the county agents with whom I had a good visit the other day told me that he had recently seen Garnet Best, '25, who is county agent of Wallowa county. Reports are that Garnet is making a great record over there and likes his work very much.

"Then, too, I learned that R. G. Johnson, A, is making a favorable record as county agent over in Grant county. R. G. is right at home there in the wide open spaces of that great livestock country of Oregon.

"C. R. 'Cec' Fuller, M, came into the office not long ago and we had a fine talk. Cec was candidate for Congress on the Cincinnati ticket in Seattle last fall and polled a good vote. Of course his business is that of New York Life representative in Seattle. Cec has just recently purchased a new home and reports that Frankie (Frankie Holm Fuller, VE) and their young daughter are getting along splendidly.

"Reports also came from Cec that he sees Cougar Cummins, ME, Jimmy Rosenstiel, M, and Ellis Dixon, CE, all '24's, very frequently in Seattle.

"I have had the pleasure of seeing and visiting with a number of others who were in school about the same time. Ursel Narver, '28, C, is one of this group. We have had several good talks lately. Ursel is planning to take his state bar examination this spring. He is business manager of the Oregon Grange Bulletin. The Bulletin is full of ideas that may be credited to Ursel although he modestly refuses to accept anywhere near the credit which others know he deserves for his work on this publication. Mrs. Narver (Merle Wells, Class of '29) and their young son, David, are getting along splendidly.

"Spencer Alexander, '26, C, is another well-known Oregon Stater whom I have seen. He represents Butler Brothers wholesale house with headquarters in San Francisco. The latter part of December he and his family went to California and Spencer came back with an enlarged territory and with other evidences which bespeak outstanding success which he is making on the road for his company. I see Spencer frequently in Portland and also have met him a number of times in my travels throughout the state. Mrs. Alexander keeps busy taking care of the two young sons, Robert and Richard.

"Robert Maxwell, '25, C, now an attorney in Seattle, was in town the other day and he reports that his business is getting along very nicely. He started in private practice a year ago after having taught several years in law school at the University of Washington.

"Bernard Mainwaring, '20, C, editor of the Baker Democrat-Herald, has been in Portland several times lately. He is to take an active part in the state editorial meeting in Eugene

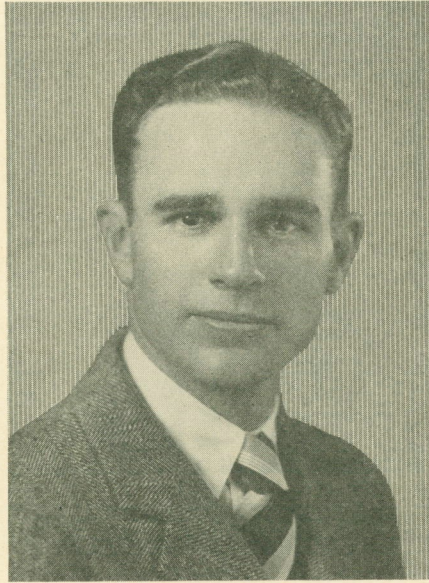
the latter part of the month. Bernard is putting out a fine newspaper."

Claude Kerr, F, went to the Middle West recently to take a position with the U. S. Forest service at Hot Springs, Ark.

James K. Weatherford, Jr., CE, is district attorney for Linn county, Oregon. He attended the University of Oregon law school after completing his course at Oregon State.

Mrs. Weatherford is Margaret Cartwright, '28, HE.

Robert Burkhart, A, is tester for the Walla Walla (Wash.) Dairymen's association and owner of a herd of Jersey cows at State Line, Or. His wife is a graduate of Washington State college.



URSEL NARVER, '28, has been a law student and plans to take the bar examination this spring.

Lloyd Ellis, P, is now manager of the Owl Pharmacy, South 6th and H streets, Grants Pass, Or. He formerly owned the Ellis Pharmacy at Multnomah, Or.

*Twenty-five*

Saw Dora Hayes—she is secretary in the office of the state leader of home economics extension—and she and I were accounting for the folks we received Christmas cards from and their affairs, not gossiping however.

Dora said she had received a card from Emma

Berg (now Mrs. Edwin Schreder). Emma and her husband and their two-year-old daughter are living at 1620 South Commercial, Salem. Mr. Schreder operates the Salem Pay 'N Takit store.

Another card came from Della Records. She is teaching in the grade school at Klamath Falls.

Helen Hawkes Battey, '26, is another Dora hears of now and then. Helen, Yakima housewife, keeps herself busy taking care of her two children and husband and in any spare time she can eke out she writes nursery rhymes for children and poetry. One of her poems I have kept under the glass on my desk since it came out four or five years ago in THE MANU-

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SCRIPT, a literary magazine put out here at the college at that time.

"My world is all that I can see  
Of sky and hill, of brook and tree.  
What matter if the miles stretch far  
Beyond the hill? My only star  
Is one that shines in my small sky;  
The world in it's periphery  
May hold a beauty which enthral—  
I know what beauty four small walls  
Can hold for one though he may see  
But little past his own roof tree."

Leta Dyer Hardie, HE, who lives on a ranch near Condon, Or., with her son and husband, Alex "Eck" Hardie, '23, A, says that at last they are having some snow and rain, welcome moisture. The Stewart Hardie's have a new daughter, their second, born about two months ago. Stew, '27, is a staff member of the Condon Globe-Times.

Last month I couldn't find my notes giving Lindsey Spight's location and the name of his radio firm. Here it is: He is at Room 522, 582 California street, San Francisco, and is associated with the firm of Greig, Blair and Spight, radio station representatives.

In glancing through the Oregonian a day or so ago I found a picture of Walter Blaesing. He had just been selected by the Portland Junior Chamber of Commerce to be director of a series of radio programs presented by the junior chamber in cooperation with The Oregonian and the Oregon State Motor association in the interests of street and highway safety.

Blaesing is a member of the Blaesing Painting firm of Portland. His wife, you will remember, is Betty Stillwell.

Since starting this letter I've another note from Leta Dyer Hardie. She told me that James David, weight four and three-fourths pounds, joined the Hardie family circle January 10. She has two young farmers now.

I heard from one of the old grads that Louis Rydell is employed in the U. S. Engineers office in Portland—must be working on plans for the Bonneville dam.

Next month we hope to have some idea of what we want most to do at our tenth reunion. We town folks will make the first start.

EUNICE

### Twenty-six

Helen Griffee, HE, now Mrs. Ralph H. Goodale, 1454 North Park avenue, Pomona, Calif., managed to find time to give us more news of Staters in southern California since the holidays. During that time she was kept busy by the illness of her daughter, Phyllis, who had pneumonia during the vacation period. Apparently all is well in the Goodale household now.

"I wonder if you have this address of Helen Marburger Fredell's (25). You know that she was married last spring to Herbert Johnson, an engineer of Detroit, Mich. Their address is 12032 Wark.

"Ralph's brother, Wayne Goodale, '29, EE, who, as usual, is in the engineering department of Standard Oil, was sent to Corning, Calif., the week before Christmas to conduct a set of experiments on a big ranch there. He expected that the work would take four weeks. They were testing various tractor fuels and some that hadn't been used in tractors before. His wife, Alice Horn, '28, HE, and he then went on to Alice's home, a 1000-acre ranch at Fort Jones, Calif., for Christmas. It sounded so jolly—19 people sat down to 50 pounds of turkey.

"I thought you might be able to use some news of Dave Rogers, '27, A, for an item. He and Rowena Beach Rogers, '28, VE, still live in Florence, Ariz., where life is occasionally enlivened for the local residents by the escape of one or more convicts from the penitentiary. Dave is instructor in Florence Union high school, teaching agriculture and farm shop work. In the summer of '34, Dave, Rowena and their son, David Junior, three and a half years old, drove to Mexico City and spent three months while Dave took a summer course of study in the University of Mexico. After their return—November 5, to be exact—their second son, Samuel John, was born.

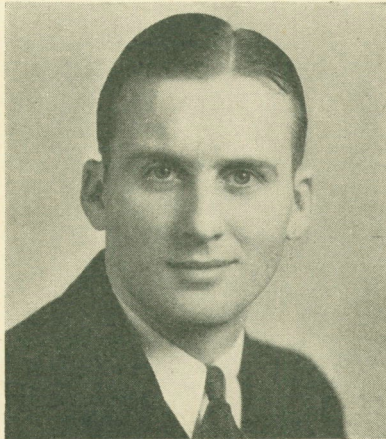
"Dave has become quite an authority on tanning skins. (Editor's Note—That doesn't mean what it did when you were in school, folks.) Last year at the state teachers' convention in

Tucson, Dave gave an address before the convention on his research work in tanning skins. He discovered growing on the banks of a river in Arizona a useful herb which is valuable for tanning. Formerly the farmers failed to make use of skins of farm animals, but through Dave's research work many of the skins are easily tanned and thus made useful."

Thank you, Helen. We can take news of that kind any time. More power to you whenever you feel the urge coming on.

Loris Baker, C, has received a contract to play baseball for the Missions of the Pacific Coast league.

Baker, an infielder, played with the San Francisco Seals immediately after being graduated. Later he was traded to Los Angeles of the same league and stayed there until 1933,



FRED SALING, '34,

who is employed by the Standard Oil company at Parkplace, Ore.

when he finished with Jersey City of the International league. He did not play pro baseball last year.

He and Marian Hoskins Baker, Class of '28, have two sons.

Dorothy McGauhey, HE, high school teacher at Middletown, Calif., drove home to Corvallis Christmas time in a new Dodge coupe.

Fred Burya, ME, and Ada Hawley Burya, '25, V, stopped in Corvallis to visit relatives before going on to Yakima, Washington, where Burya is an engineer with the Valley Machine works. They were on a short vacation.

Earl Mootry, PhC, is associated with the Equitable Life Assurance company at Salem.

Albert S. "Bill" Hart, A, is landscape foreman for the CCC camp at Miller-Sylvania State park, Olympia, Wash. He arranged the exhibit for all Washington state parks at the Western Washington State fair held at Puyallup last fall and observers declared it to be a very well-planned and cleverly arranged reproduction of a forest park.

Hugh M. Smith, C, works in the composing room of the SAN DIEGO UNION, San Diego, Calif.

Karl Faulhaber, A, manager of a floor covering business at 815 Terminal Sales building, Seattle, was a Corvallis visitor last month.

Students of Nellie Wesch Elwert, C, commercial teacher at Tigard, Or., won the state medal offered by Oregon State college for the sixth consecutive year. They took part in the annual radio shorthand contest.

Wallace Mass, A, is superintendent of schools of Lassen county, Calif. He has been a teacher in the Susanville, Calif., high school for four years.

### Twenty-seven

Harold Lawson, F, who has always been particularly interested in radios, is now established in the U. S. forest service office, Post Office building, Portland, as a radio technician.

Mabel Wills, VE, now Mrs. Walter C. Doane, writes from 1104 Armstrong avenue, Bartlesville, Okla., that at the time she wrote—January 7—they were having a thunderstorm which seemed odd to her, a native Oregonian. Bartlesville was in last year's drought area and

the temperature there was 110 degrees for at least a month, she reports.

Doane, ME, has an engineering position with the Empire Companies, Inc., which he has held since graduation.

John Novak, EE, is employed as an engineer by the Pacific Power and Light company branch at Portland.

Lorentz "Larry" Allen, C, in January was promoted to the management of radio stations KGW and KEX, Portland.

Mrs. Allen is Allegra McGreal, '24, HE. They have one daughter.

Kermit Brandeberry, F, and Irene Griggs Brandeberry, '31, HE, came north from Berkeley for the holiday season and to attend the wedding of Brandeberry's brother, Earl, Class of '34, performed at Albany December 29. Brandeberry holds a position in the regional forest office in San Francisco.

### Twenty-eight

Philip Paine, F, is now assistant supervisor of the Chelan national forest at Okanogan, Wash.

Horace Smith, PhC, is traveling salesman for Eli Lilly and Company. His address is 104 West 15th street, Chicago Heights, Ill.

Malvern Gross, EE, head of the X-Ray tube department of the General Electric company, Chicago, gave a talk in his line before a meeting of electrical engineering and physics students here not long ago.

### Twenty-nine

Norman Hawley, F, has been stationed by the U. S. Forest service at Hot Springs, Ark.

Linea Troedson, HE, this year is teaching in Portland, in the home economics department at the Girls' Polytechnic school. She lives at 630 Northeast Lawrence.

Edward Hope, EE, is employed by the Oregon Pulp and Paper company at Salem. His residence is at 2685 Portland road, Salem.

Thomas Nordstrom, A, has been with the Froskist Ice Cream company, 1010 Southeast 11th avenue, Portland, since his graduation in 1929. He is employed in the shipping department.

Adelbert Young, P, who recently sold his drug store at Sutherlin, Or., to Lawrence Robertson, '34, P, and his wife, Lela Ruth Robertson, '34, P, has accepted a position as traveling salesman with the Upjohn company. His territory includes the city of Oakland, Calif.

Elmer Hicks, ME, is located in Portland he holds a position with the American Can company. He visited campus friends in January.

Margaret Drane, C, now Mrs. J. N. Udell of Akron, Ohio, with her mother, Mrs. H. O. Drane of Ontario, Or., visited friends in Corvallis in January. Mrs. Udell was employed for two years in the registrar's office before taking secretarial positions in the consular service at Washington and at Buenos Aires, Argentina.

James Preble, F, and Marjorie Stone Preble, '26, HE, are living at 153 North 13th street, Salem. They have two sons, Charles, 2, and David, 8 months old.

Clara O'Neil, HE, now Mrs. George Schroeder, is teaching again this year at the state school for the deaf in Salem. Schroeder, F, will complete his course this year at Oregon State.

Lyle Keeler, CE, Portland, builder of small boats, with four companions, sailed from Los Angeles harbor January 13 for Christmas island in a 51-foot auxiliary cutter, the Argus, built in Portland during the last four years. They expect to return to Portland via Hawaii about April 15.

Christmas island is 1500 miles south of Hawaii.

### Thirty

Edna Slayton, HE, is serving as dietitian in several San Francisco hospitals, reports her friend, Mrs. C. A. Howard of Corvallis. Edna receives her mail at 2200 Webster street, San Francisco.

Henry Bellarts, Jr., ME, is working as a mechanic at the Bonneville dam. His mailing address is 3604 Southeast 13th avenue, Portland.

Anna Dolezal, VE, has returned to Scio, Or., this year to teach in her home town.

Pauline Hammit, HE, is engaged as a social



worker by the Lane County Relief committee. Her Eugene address is 435 Lincoln street.

The engagement of **Karl Zorn**, '30, P, and Patricia Vigne of Los Angeles, Calif., was announced in December. Miss Vigne is a graduate of the University of Southern California. Zorn is a salesman for the Upjohn company with headquarters at San Diego.

**Clara Vaughn Thompson**, HE, is assistant director of rural rehabilitation, home economics department, with headquarters at 506 Spalding building, Portland, Or.

**Arthur F. Johnson**, CE, hydroelectrical engineer for the United States reclamation service in Denver, is making a special hydrological investigation of the Colorado river.

**Avon Buchanan**, PhC, is working in the Citizen's Drug store No. 2, Portland.

**Oscar Madsen**, ME, is working for the Fir-Tex company at St. Helens, Or. He was a campus visitor in January.

**Elizabeth Hubbard**, VE, was selected to fill the vacancy caused by the resignation of the mathematics instructor in the St. Helens (Or.) high school. Miss Hubbard began her new duties the first of the year.

**Jack Handford**, VE, has two speaking parts in "One Summer Afternoon," a play opening Christmas day at the Broad Street theater in Philadelphia.

**Esther Miller**, HE, her husband, **David Slaght**, '29, CE, and their two daughters are living at Burns, Or., this winter. Slaght is a state highway engineer.

**Duncan Holaday**, ChE, not long ago received an appointment as junior chemist for the bureau of entomology and plant quarantine. He is to work in the federal laboratory at Melrose Highlands, Mass., analyzing and preparing insecticides and testing residues on fruit and vegetables. Holaday completed work for a master's degree in 1933.

**Lowell Morgan**, P, recently established a drug store at Shedd, Or.

**Clifford Cordy**, A, is completing his cadet year in Smith-Hughes agriculture at Vacaville, Calif.

### Thirty-one

**Wesley Coutts**, VE, according to word received by Oregon friends, was recently married to **Alladyn Bell**, a former Utah resident. Coutts has been taking graduate work in the speech department at Northwestern university since graduation. He and Mrs. Coutts are now in New York.

The engagement of **Faith Lindros**, VE, and **George Kelley**, '33, C, was announced by Miss Lindros early in January. Kelley is employed as a jeweler at Eureka, Calif.

**George Clisby**, IA, has a place in the technical department of the United States forest service with headquarters in Portland. The work in this new department is a combination of photographic and engineering surveys to determine the effectiveness of lookout stations.

**Lela Hathaway**, C, during the Christmas vacation announced her engagement to **Russell Quintall** of Portland. Since graduation Miss Hathaway has been teaching in the Sandy high school. Quintall is a graduate of the Portland Art school and associated now with the Robinson Neon Sign company.

**Don Lindsay**, ME, is a lieutenant at the CCC camp near Gold Beach, Or.

**Grant Robley**, CE, has returned to Oregon State to take graduate work in hydraulics. He has been working on the survey of the Columbia river from Astoria to Portland for digging operations, and last summer was employed at Elgin, Or., by the Bureau of Public Roads.

### Thirty-two

**George Benson**, F, Juneau, Alaska, resident, noted on his Christmas card that last September 8 he took the step and joined the "Royal Order of Benedicts." Didn't give the lady's name.

**Janet Wilson**, VE, grade teacher at Central Point, Or., visited at the home of **Bessie Skaale**, C, Corvallis, during the Christmas holidays. Miss Wilson graduated from the Southern Oregon normal after leaving Oregon State. Miss Skaale is secretary to the dean of engineering. **Carl Cramer**, ME, we hear, and **Lucile Smith**,

'33, C, were married five or six months before they announced it to their friends. Cramer is an engineer with the Iron Fireman Manufacturing company in Portland. Last year Mrs. Cramer was an instructor in the high school at Rainier, Or.

**Edgar Howard**, ME, is now in Portland as a designer and draftsman for the Vaughan Motor Works. He is living at 7036 Southeast 19th



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16th and Monroe—Phone 68



avenue. Since graduation Howard has been working part-time on the campus and studying for his master's degree which he received last June.

Dan Beatty, ME, is working in the experimental department of the Iron Fireman Manufacturing company in Portland. He and Edgar Howard are living at the same place, 7036 Southeast 19th avenue.

Weldon Kirk, VE, and wife are living at 3245 Northeast 56th avenue, Portland. Kirk is traveling auditor for the Industrial Hospital association, with headquarters at 707 Medical Arts building, Portland.

Homer "Kit" Carson, F, in January was put in charge of all E. C. W. work of the U. S. Indian service in the region surrounding Ukiah, Calif., where he has headquarters.

Merle Lowden, F, lately received the appointment as junior forester and stationed at Roseburg. He will continue his work on the forest "showboat" which has been transferred to the Roseburg territory. Since July Lowden has been with a forest showboat in Oregon and Washington.

Robert Stone, graduate student at Iowa State college, gave a 15-minute paper before the American Bacteriological association at its Chicago meeting during the Christmas vacation. Stone reported on his study of fermentation being made for his master's thesis.

J. Edwin Albaugh, A, is now emergency agricultural assistant in Baker county, Oregon.

Robert Prentiss, A, is a junior botanist with the U. S. department of agriculture, stationed at Oregon State college.

John Moffitt, F, is in the employ of the U. S. forest service at Baker, Or.

Reverend Kendall Burke, VE, who received his master's degree from Oregon State in 1934, is pastor of the Northwest Christian church at Eugene.

Davis Ponting, A, is teaching Smith-Hughes agriculture in the high school at Vacaville, Calif. Carl Avrit, '27, A, is head of the department in which Ponting is teaching.

Thelma Davis, Opt., has entered the semi-professional ranks as a vocalist according to word received from Philadelphia as she is singing in the chorus of the Philadelphia Civic Opera company. The company will give six operas during the season.

Miss Davis is also social secretary to Dr. Monroe Everett, student pastor at the University of Pennsylvania, and is a soloist for one of the Philadelphia churches.

Announcement was made early in January of the engagement of Mary Louise Fontaine of Albany and Alex Atterbury, P, Eugene pharmacist.

Leonard Moore, IA, is educational director in the CCC camp near Medford, beginning his work there the first of the year. Before going to Medford Moore was adult educational instructor in Corvallis and Albany.

Lieutenant Dale Altman, VE, flew from Texas to Portland to visit relatives and friends during the Christmas holidays. He is stationed with the Army air corps at Brook Field, Texas.

The engagement of Jeanne Holden of Eugene to Lloyd Griggs, A, of Cottage Grove, was announced at an informal tea in Eugene December 29. Miss Holden is a graduate of the University of Oregon.

Donald Germain, PhC, has again taken a position in the Portland store of Currin's Drugs at 7334 North Philadelphia. He had been employed in the Klamath Falls store of the same company for the past year.

Felipe Logan, MS, is now employed in the instrument department of the Philippine American Drug company at Manila, according to a letter just received by Dean Adolph Ziefle, of the school of pharmacy.

### Thirty-three

Fern Edwards, VE, now Mrs. Norman French, stopped at the office to say "hello" when she and her husband, '31, F, were returning to Berkeley after their Christmas vacation in Oregon.

Fern tells us that Helen Jarl, '31, VE, is attending the University of Oregon Medical school in Portland and assists part-time there in the bacteriology department.

Martha Humphrey, VE, was another she saw

in Portland, and just by chance. Martha was that day visiting her former employers in the Portland Public Welfare bureau, having just come to Portland for the Christmas vacation. She this year was awarded public welfare scholarship at the University of Washington.

In the YWCA office in Berkeley Fern became acquainted with another Oregon Stater, Irene Riechel, '28, C, now Mrs. Segrist. She is office manager in the executive offices there. Mrs. Segrist and her husband came from New York recently where she had attended Columbia university and later worked at Wanamaker's.

Frank Bakman, C, operates a ranch near Fresno, Calif., on Route 2.

George Kelley, C, reported last month to have taken the position of watchmaker in a Eureka (Calif.) jewelry store, is located at the Hollander Jewelry company there. His residence address is 803 F street.

Selwyn Nock, C, is associated with the Fields Motor Car company, Portland, as a salesman.

Bert McPherson, A, is employed at the Russell hatchery near Corvallis.

Sue Hyslop, HE, student at New York university, spent the Christmas holidays in Washington, D. C., as the guest of Mr. and Mrs. Willard Walter (Ruth Bartruff, '28, C), and while there attended a reception at the Egyptian legation. During her stay she also visited Mr. and Mrs. James T. Jardine, former Corvallis residents.

John Geren, CE, has been appointed sanitary engineer for the Marion County Health association. He will take up duties of the office March 1.

Elva Widlund, HE, now Mrs. Alton Everest, is assisting in a nursery school at Menlo Park, Calif., and taking graduate work at Stanford university.

Evelyn Eisenbrey, HE, is employed in the home lighting department of the Northwestern Electric company in Portland. She visited campus friends in January.

### Thirty-four

Robin Batcheller's (Ed) New York address is 355 East 62nd street.

Everett Davis, A, has been transferred from Coquille to Madras, Or., to serve as assistant county agent in Jefferson county.

Clifford Jenkins, A, was transferred at the same time from Baker to Fossil, Or.

Aldo Romiti, Ed, is a member of the teaching staff of the Hill Military academy, Portland, as is Vernon Kruse, Ed.

Robert Lange, A, has located at Oakdale, Calif., and has taken a position with the Pacific Packing company there.

Kenneth Emery, Engr., is a salesman of General Electric oil furnaces and air conditioning equipment on the seventh floor at Meier & Frank's, Portland. He finds this type of work very interesting and thinks that when economic conditions improve it will be a very profitable field. At present Emery is taking a 40-weeks extension course in air-conditioning from the General Electric company so finds himself busy after work hours as well.

His Portland address is 3200 Southeast 53rd avenue.

Hugh Nicholson, F, sends word that he wants to receive a Monthly now that he is settled at "Allendale," Nottingham Road, Natal, South Africa. Nicholson was married within the last year.

Ruby Atkinson, Ed, is engaged as dressmaker at Young's Gown shop, Portland.

Spencer Reeves, Ed, and Imo Jean Niece Reeves, VE, are living at 1353½ Agate street, Eugene, while Reeves attends the University of Oregon on a fellowship.

Edna Edwardes, Ed, recently went to New York and there is sales clerk at Macy's, largest department store in the world. Her New York address is apartment 401, 321 East 43rd street.

Gordon Smith, EE, is credit man for the Sherwin-Williams Paint company in Portland. He lives at 2937 Northeast 22nd street.

James Bishop, A, since the beginning of the school year has been employed as laboratory assistant in the veterinary department at the college.

Dent Reed, Ed, is associated with the Farmers' Inter-Insurance exchange branch office at Corvallis.

Fred Saling, Ed, is employed by the Standard Oil company at Parkplace, Or., near Oregon City.

Katherine McIntyre, Sci, has been promoted to the auditing department of Lipman & Wolfe's department store in Portland.

Virginia Spurlin, Class of '34, in January announced her engagement to Charles Robnett. Miss Spurlin teaches in the grade school at Crawfordsville, Or., near Albany. Robnett is employed by an airplane manufacturing company at Burbank, Calif.

### Thirty-five

Al van Gilse, Ed, after registering at Oregon State this fall, was notified of an opening in the plant of the Boyle Manufacturing company in Los Angeles, so left school to take the position. The company's plant covers 17 acres in industrial Los Angeles and is known to be the largest sheet metal and steel plant west of St. Louis. The company makes all the metal products for the firms of Sears Roebuck, Montgomery Ward, the May company, Western Auto, Meier and Frank, Richfield, and a number of other companies.

The home address of van Gilse is 508 West Myrtle, Glendale, Calif.

Robert Lucas, BAd, is the new managing editor of the Daily Emerald at the University of Oregon, assuming his duties January 11. He transferred to the University two years ago. Editor of the same paper is William Phipps, J, appointed last fall.

Announcement of the engagement of Dorothea Settle of Portland to William L. Caldwell, Ed, was made in Portland Christmas day.

The engagement of Virginia Zeller of Portland to Leonard Wascher, C, was announced in Portland in December. The wedding will take place in February.

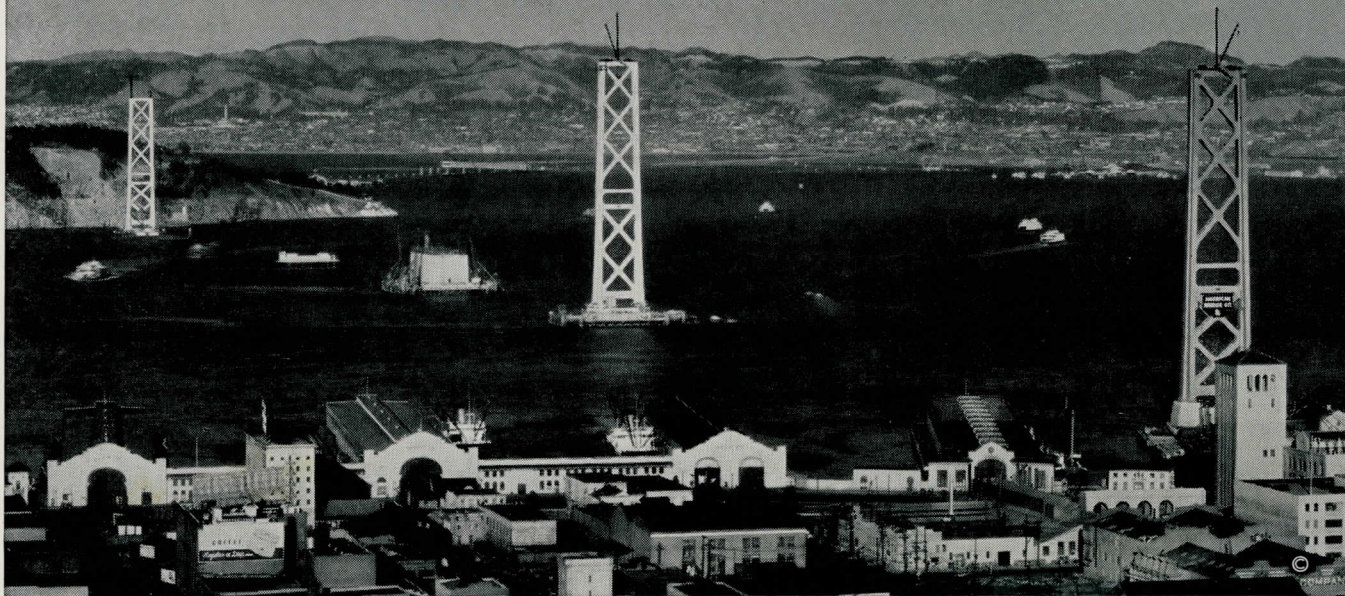
## Doings of Beavers

Twenty-five members of the agricultural extension service staff of the University of California who are graduates of Oregon State met recently to send Dr. W. J. Kerr, chancellor, a congratulatory letter for the fine work he is doing, and also to renew acquaintances. Those present were Harold E. Wahlberg, '11; Jean C. Miller, '20; Horace T. Strong, '24; Hugh G. Rodgers, '18; Reuben Albaugh, '25; John E. Spurlin, '27; Paul C. Barker, '20; R. E. Goble, '16; W. D. Pine, '18; Ira P. Whitney, '05; W. M. Cory, '20; Margaret Todt, '20; Helen Edwards, '27; Anna Olson, '25; Margaret Watson Sanborn, '21; Clara E. Cowgill, '21; Lynn D. Sanborn, '21; A. G. Salter, '23; Sara W. Prentiss, '17; Eldon F. Azevedo, '27; Theodore R. Merryweather, '28; Ruby E. Beers, '18; Fay Gillette, '21; Wallace L. Kadderly, '16, and Hazel Murray, who formerly was on the faculty at Oregon State.

Eight Beavers are now participating in the legislature which is in session at Salem. They are Douglas McKay, '17, of Salem, and Peter Zimmerman, '09, of Yamhill, senators; and John E. Cooter, '13, speaker of the house, from Toledo; Walter Fuhrer, '27, Salem; Moore Hamilton, '29, Medford; Ronald E. Jones, '18, Brooks; Fred E. Harrison, '06, Brownsville; and Millard D. Rodman, '32, youngest member of the house, Culver, are representatives.



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