

The Oregon Statesman

APRIL 1961



A Scholar and Collector



The Acona, OSU's \$300,000 oceanographic research ship, is just about all set for her maiden voyage in May. The research vessel is the first to be built within a new 10-year program of research in waters surrounding the U. S. Three first day covers honoring the Acona will be issued by the post office department at Portland, Corvallis, and Newport.

Faculty Deaths

Dr. Joseph Butts, head of the OSU department of agricultural chemistry, died in New Delhi, India recently of amoebic dysentery after a two week illness. He was 57 years old. Dr. Butts was on leave of absence from OSU on a temporary assignment with the Food and Agricultural Organization of the United Nations to work out an accelerated program in foods and nutrition for India.

Dr. Butts came to Oregon State in 1939 from the University of Southern California where he was an associate professor of biochemistry. He joined the USC staff in 1929. He began his teaching career as an instructor in chemistry at Massachusetts State College in 1928.

Robert Emerson Huck, assistant professor of art, was killed March 13 when his car skidded off highway 99W near Helmick state park about 12 miles north of Corvallis. Professor Huck had been on the staff since 1955 when he returned to the United States after Fulbright scholarship training in Italy. He was born in 1923 and received a B.A. degree from Colorado College and a master of fine arts degree from the University of Colorado.

His work as a painter and print maker won wide recognition both in Europe and America. His art is located in permanent collections in many parts of the world. Murals completed during the past two years are installed in the Sheraton hotel, Portland, and in a bank in Kalispell, Montana. Professor Huck is survived by his wife, infant son, a brother, and parents.

Student News

Judith Coleman, Woodburn, Oregon senior in home economics, has been named winner of the \$1,000 1961 train-

ing fellowship sponsored by Pillsbury. She was one of seven university coed finalists from various sections of the country. The seven finalists were picked on the basis of scholarship, leadership, personality, promise of achievement, and range of training and interests. As the national winner, the OSU coed will become associate director for one year, beginning June 15 at the Pillsbury Junior Home Service Center in Minneapolis.

David Harris, '61, was recently named winner of a Woodrow Wilson fellowship for 1961-62. The fellowships cover the first year of graduate study and are meant to encourage students to consider college teaching as a possible career.

Darrell Horn, junior from Pilot Rock, Oregon, was crowned Mortar Board king at the Mortar Board Ball in late February. He was elected by popular vote by students attending the dance. Darrell is majoring in mechanical engineering. He holds OSU track records in the broadjump, 220-yard low hurdles, and the hop-step-and-jump.

Beaver Invitation To Education (BITE), the program designed to interest high school students in Oregon State, was changed in name by the student senate to Beaver Preview to conform with a year-around program of recruitment. It was said the use of the same name as is used for senior weekend will eliminate much confusion.

Dave Pahl, a fifth-year senior from Pendleton, was selected as the 1962 Beaver yearbook editor. He is working toward a degree in both business and agricultural economics. Don Wren, Portland, is the new Beaver business manager. New editor of the Barometer is Jim Dodge. He is a liberal arts major and comes from Eugene. Named business manager of the Barometer was Tony Birch of Gresham.

Two ASOSU senators have been circulating a petition to place compulsory versus voluntary ROTC before student voters in the all-school election. The petition proposes that the voters' decision be presented to the State Board of Higher Education and the faculty senate. A vote last term by the ASOSU faculty senate indicated that body favored the compulsory program for freshmen and sophomores.

Beaver Dam, a humor magazine published by OSU students, was banned by President A. L. Strand. Dr. Strand told students that magazine sales would no longer be permitted on campus. Administrative sources said the magazine did not have official sanction at any time. Reason for the banning was not stated, but apparently resulted from an administrative decision that the publication was in bad taste.

Much of the student activity of spring term has been centered on the political front where three parties have blossomed. Names of the parties are: *Thumper, University, and Action*. The *Thumper* is running Erskine Austin, Mike Vidos, and Barbara Altpeter; *University*: Terry Lehman, Mike King, and Judy McClarty; *Action*: George Abed and Tom Schooley.

Around The Campus

The Memorial Union recently announced plans for a \$60,000 remodeling of the M. U. building. The money is the remainder of the \$1,370,000 bond issue that was used for the construction of the two new wings. Remodeling will mainly include: (1) enlargement of women's rest room on the main floor for \$16,000; (2) addition of the present music room to the student body offices and remodeling the present men's lounge into a new music room; (3) moving and expansion of several offices; (4) possible addition of music listening booths and piano playing rooms off the west ballroom; (5) remodeling of the old bookstore space into meeting rooms.

Wallace Eugene (Bud) Gibbs, '50, assistant football coach, was appointed registrar at Oregon State. He will work closely with Dr. D. T. Ordeman, registrar, during spring term and summer session and will take over as registrar in September.



Bud Gibbs

Dr. Ordeman, OSU registrar since 1943, will return to full-time teaching in the Department of English. During the past year Dr. Ordeman taught an English honors section.

Gibbs was football coach at Albany high school for four years before he joined the Beaver coaching staff in 1958. He was also an assistant coach at Tigard high school prior to the Albany assignment. Gibbs came to Oregon State from Hood River. He was a four-year letterman end. He majored in education and was a member of Phi Delta Theta fraternity.

Dr. Ordeman came to Oregon State in 1927 from the University of Maryland as an assistant professor of English. In 1943 he was promoted to the

rank of professor and was named registrar. Dr. Ordeman has been president of the Pacific Coast Association of Collegiate Registrars and Admissions Officers and was one of the several editors of the publication, *College and University*.

He also was chairman of the committee of the American Association of Collegiate Registrars and Admissions Officers which prepared *Policies and Procedures*, a handbook used by registrars throughout the nation.

President A. L. Strand attended the inauguration of President Wilson at the University of Minnesota in February. Dr. Wilson was formerly president of the University of Oregon. New president at the University of Oregon is Arthur Flemming, former secretary of Health, Education and Welfare. Dr. Flemming is 55 years old and served in the Eisenhower cabinet from 1958 until last January.

OSU's School of Forstry recently received a donation of \$12,300 to be

used for scholarship purposes, directed primarily toward graduate research work in forestry and forest products. The gift came from the dissolution of the Willamette Valley Lumber Association. Former members of the association decided to continue the furtherance of forest research by providing this money for higher education.

Forest research grants totaling \$67,600 have been received by OSU for studies in genetic variation of wood properties, Douglas fir seed embryo development, seed orchard production problems, and cone opening. The grants from the Louis and Maud Hill Family Foundation will permit scientists to venture into new fields of research in forestry.

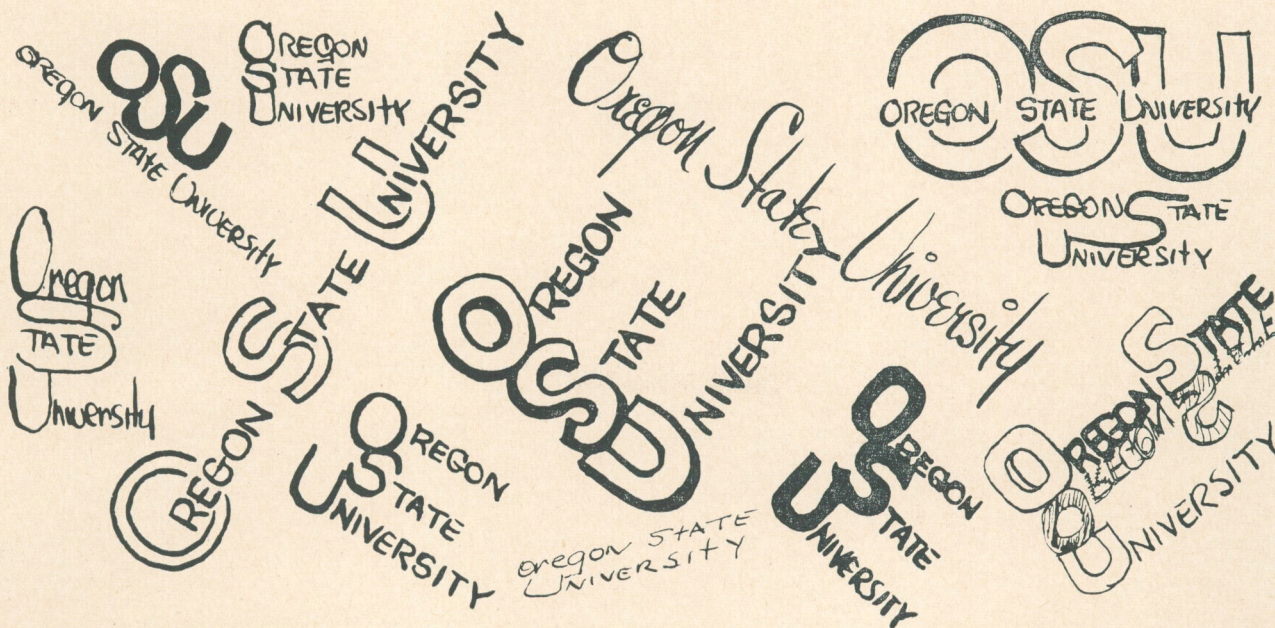
The fourth and final unit of the Poling, Cauthorn, and Hawley Hall quadrangle will be completed by the fall of 1962 and will accommodate 347 men or women. Bids on construction were opened on April 11. The structure will bring campus construction investments

close to eight million dollars. Financing will be accomplished with bonds with payment coming from student room and board money. Probable name for the structure is Austin Buxton hall.

A second seven-week summer institute for 50 mathematically-gifted high school boys will be given at Oregon State University this year. It will be one of only two or three such programs sponsored in the U. S. by the National Science Foundation. OSU has received a grant of \$16,560 from the National Science Foundation to conduct the special program.

New officers of the OSU Dads Club elected in February are Rowland Rose, '33, Portland, president; Floyd Mullen, '28, Albany, vice president; Rufus Summer, Portland, secretary; and Raymond Janz, '35, Milwaukie, treasurer.

Enrollment spring term increased about five percent over spring term enrollment last year. As of April 5 there were 376 more students this year.



THE ABOVE DOODLINGS by a free-wheeling OSU doodler demonstrate the fun that can be had with Oregon State's new name. Officially, the name of Oregon State University won't be legal until late in July but on campus the switch has been complete. President Strand has indicated that the Class of 1961 will have diplomas reading *Oregon State University* for the June commencement. Because of the "generous supply on hand" the covers will carry the name of Oregon State College. The first athletic team to sport new and snappy "OSU" jackets was Coach Irwin Harris' tennis team.

the OREGON STATER
SERVING 70,000 FORMER STUDENTS

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The Cover: Dr. F. A. Gilfillan examines inscriptions on replica of libation cup. Gudea, king of Lagash, a Sumerian city, used the original for worship. Original tablets and seals, some dating to 2700 B.C., are on table. Story page 6.



This is the first unit of the present library. It was built in 1918 and later a wing was added on the other end. Fast growth of publications plus enrollment made the building inadequate for modern-day library.

New Library Soon To Be A Reality as Books and People Fill Old One Up

by William Carlson, Librarian

IN THE AUTUMN of 1918 there was great rejoicing on the Oregon State campus. Amidst and in spite of the distraction and trials of war a fine new library building had been erected and occupied. So generously conceived and planned was it that the then small library of 35,000 volumes would have rattled in it had the building not been shared, for a time, with other College functions and agencies, an auditorium, the Department of Speech, the Dean of Women, and others.



Librarian Carlson

This is the building in which the great majority of the present alumni pursued their education and of which they have memories, happy we hope.

The small 1918 collection of books grew, of course, as all living libraries do and must. One by one the joint tenants were required to find space elsewhere. By the late 1930's the stacks and reading rooms, once so ample, were becoming uncomfortably crowded. With the help of federal funds a new west wing came into being in 1941 with a matching east wing envisioned. There could now, however, under the onslaught of increasing enrollments and the rising crescendo of publication, be no thought of joint occupancy. Although the new wing added over 200 reader stations and increased volume capacity by 70,000, uncomfortable crowding and tightening up was again quickly in evidence. So quickly that the matching east wing was, in 1947, assigned a seventh priority in the College building plans.

This priority was destined to be buffeted and at times almost swamped amidst the pressures and struggles for space to house a rapidly growing university. The rate of scholarly publication, however, took no note, *nor never has*, of this, or of the quest of academic libraries everywhere for more and ever more space. It continued on a sharply

rising curve which has become one of the outstanding phenomena of our civilization. So the Library, in spite of a modest book budget, necessarily grew correspondingly, developing with a momentum and in numbers that no one in 1918 could have foreseen.

As the busy and productive post war years slipped by, as increasing numbers of students presented themselves for education, more and more of them at advanced levels, and as the university grew in research activity and stature, it became apparent that the old non-fireproof building of 1918 would not provide satisfactory housing for the Library of a major graduate and research institution. So the plans for a second wing, with the attendant costly remodeling, were abandoned in favor of a first unit of an entirely new building.

This first unit too found itself on a stormy priorities sea with new buildings, not even envisioned when the 1947 priorities were established, sailing smoothly by to journey's end. The collections however continued to grow, modestly but inexorably, as they were compelled to do if Oregon State were to adequately fulfill its research and teaching function. Now the pressures were acutely and seriously impinging on the old building and its 1941 wing.

From the early 1940's on the history of the Library has been one of continuing search for and squeezing of space. These are among the major improvisations and expediences of this search and this squeezing: the west basement of nearby Shepard Hall (the first College swimming pool) filled with books;

walls and corners of closed stacks lined with book shelving; the five level hand book lift in stacks sacrificed and filled with books; the one graduate study room filled entirely with books; the bridge to stack elevator lined with book shelving; the east half of Shepard Hall basement stacked and filled with books, many of them unfortunately adjacent to steam pipes; stool and lavatory removed from a toilet room to be replaced by books; a small curriculum library squeezed into the already crowded Reserve Book Room; bound issues of newspapers, notably the New York Times, replaced with microfilm copies to release more book space; the plenum fan room in basement stacked and filled with books.

While all this was going on books were also steadily encroaching on reader space. Into the Science Room, alcove by alcove, into the Beaver Book Room, and the Engineering Room, stack by stack, and finally, in a major reorganization, directly onto the floors of the Current Periodical Room and the Main Reading Room the books came crowding. In these various processes more than 300 reader stations were devoured, leaving OSU with library seating capacity for only about seven percent of its enrollment as compared with recommended standards of twenty percent. The most striking illustration of the relentless pressure of books for space is perhaps, that the collections, now approaching 400,000 volumes, require about ten linear miles of book-shelving.

When the major move of books into the reading areas was made, in 1957, it

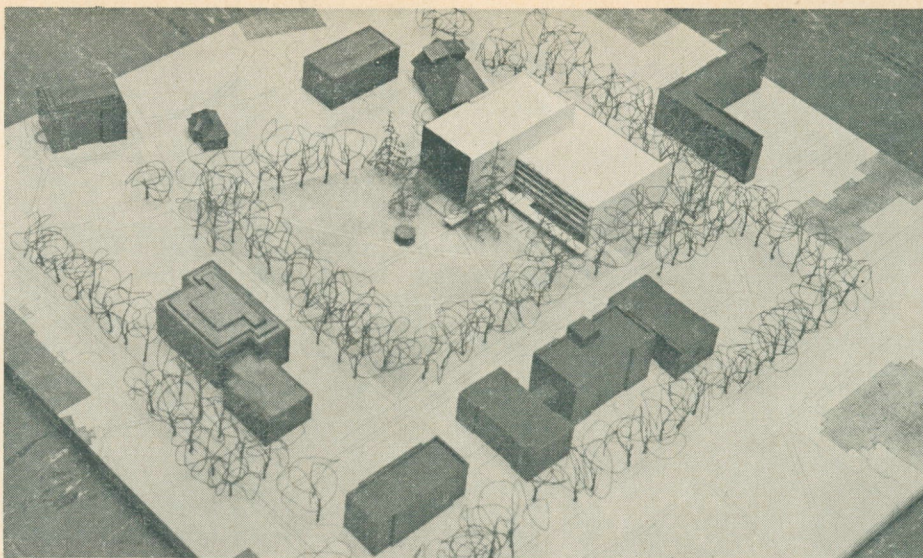
was finally plain for all to see and to be inconvenienced by the desperate straits the Library was in. The distress signals and messages which had been going out regularly over the post war years were finally heard and heeded. At long last the Library was assigned a first building priority, initially by Oregon State, next by the Chancellor's office, then by the State Board of Higher Education, and finally by the Governor in his 1961-63 budget. With the securing of preliminary planning funds from the government and the appointment of Hamlin and Martin of Eugene as architects the building was, at long, long last on its way. Legislative appropriations must, of course, still be made. There are some small clouds on the horizon, some possibly not so small, but like the dry land farmers we live in hope and expectancy.

Recent months have been an arduous time of study and consultation by the librarians and the architects, of visitation to and critical inspection of the better new library buildings, and also some of the worst, to find out how not to do it, of consultation and correspondence with librarians in all parts of the country, of careful and intensive work by OSU officials and the Chancellor's office in preparing budgets and documents for presentation to the State Board of Higher Education and to state officials.

Out of all this have emerged plans, now rather well defined, for a first unit of a rectangular building of four levels and 127,000 square feet with a book capacity of about 580,000 volumes and over 1,600 reader stations. For this construction \$2,385,000 have been budgeted. Even with this new space it is expected that the tightening and crowding will begin again about 1970, possibly sooner.

Incorporated in the first unit plans is expansion, probably in two phases, of two additional levels added to the first unit of four levels and finally a wing of six levels. The completed building will contain 251,000 square feet, with a total capacity of about one-and-one-half million volumes and 3,200 readers. It is hoped that the total structure will meet the Library needs of the university at least until the year 2000.

The new building will be located on the present Library quadrangle paralleling Jefferson street and facing north toward the present Library building. Near the center of the "ten minute circle" established by the Campus Planning Committee and university officials the other chief center of student use



This is how the new library will fit into the campus scene when the two units are completed. It will be located in the present library quadrangle just south of the old bandstand and west of the Pharmacy building and the University Playhouse.

and concentration, the Memorial Union, this is an ideal site. There are, as alumni know, some magnificent trees in this area. A few of these will have to be sacrificed. There has been concern by the State Board, the Campus Planning Committee, and university officials generally about saving the major trees to help adorn and complement the building. This the plans, as developed, will do. The architects are very happy with the site because the terrain, sloping to the east, as it does, makes it possible to arrange two prime ground level floors. Opposite Snell Hall, at the southeast corner, will be an entrance to a glassed-in lower foyer. Immediately available inside here will be the Reserve Book Room and a General Reading Room, equipped with varied and informal furniture. Smoking will be permitted here, and here only. Inviting entrance to the building at this point will be a small garden, with possibly a fountain or appropriate art objects.

The main entrance will be centered on the north side, facing the present Library building. A large or major garden is planned adjacent to the northeast corner of the building. There will also be an arcade walk-way to the north and west. This entire area will be planned as an attractive and pleasing invitation to the building. Arrangement of furniture, seating, and book stacks

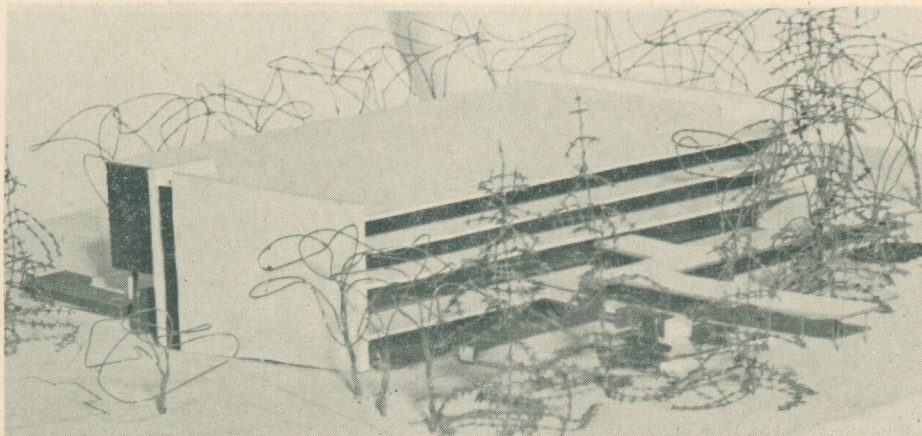
on this, the main floor, will take full advantage of the attractive, exterior area. Effort is being given to creating here, and indeed throughout the entire structure, both inside and outside, a sense of pleasantness and of invitation.

The building will be of reinforced concrete with "flat plate" floor and roof slabs. The east and west walls will be of Willamina brick veneer to match surrounding buildings. On the south and north will be windows with those on the south and southeast protected by an exterior aluminum solar and weather screen mounted three feet from the window wall. This will reduce both heating and cooling requirements by 17 percent. Windows to the north will be clear, with a three foot over-hang. Air cooling will be provided as an alternate dependent on satisfactory bids.

This will be a low-ceiling completely open-access building similar to most, but not all, of the newer university library buildings which now grace our country from coast to coast and from north to south. It is our intent and our hope that our building will be one of the more graceful and more functional, of these splendid new buildings, both regionally and nationally.

As the heart of the university this building must of course, be highly functional. We mean it to be also, at no extra cost, or at little extra cost, an ornament to campus and community and to the State of Oregon. We think it will be the most exciting building to rise on the campus since the Memorial Union. We know that it will add a new dimension to both teaching and research in the true university sense.

This building will offer golden opportunities for alumni, for classes, for friends of Oregon State University, to make contributions to the grace and beauty of the campus. This can be done by gifts, memorial or otherwise, for the gardens, for art objects exterior and interior, for individual rooms. We shall be happy if some who read this, or others as they view and use the completed structure, will be moved to help make it distinctive and beautiful. It would, in its entirety, constitute a beautiful living Memorial should someone wish to so generously endow the university and the State.



Model of the first unit of the proposed new library. Covered walkways extend to the north. This unit will have 127,000 square feet and a book capacity of 580,000.



The

Inscription on a Sumerian seal 45 centuries old undergoes scrutiny by Dean Gilfillan. He uses the book shown to aid in translation of carved characters to German and from German to English. The dean is a skilled linguist.

Even in 1769 tea didn't need to get cold the dean explains. This tea urn, one of the largest pieces in his collection, used a special device into which fire-warmed ingots were placed to keep the tea hot. The bowl underneath is more modern—made by Samuel Kirk of Baltimore.

A LONG-TIME Oregon State administrator recently called Dr. F. A. Gilfillan, dean of the School of Science, “. . . *the man closest to a true classical scholar of anyone at Oregon State.*”

Although Dean Gilfillan modestly questions that statement, he distinctly satisfies his own definition of a well-educated man, “. . . *one who knows everything about something and something about everything.*”

Dr. Gilfillan, an Oregon Stater class of 1918, joined the university in 1922 as a staff member; since then serving as dean of science from 1938 and a year as acting president in 1941-42.

Probably the most notable thing about Dean Gilfillan, one staff member said, is that he has been a consistent student since his graduation. Besides professional contributions in pharmacy, chemistry and other scientific fields directly related to his work for OSU, the dean is a collector.

He collects incunabula, or books printed before 1501. He has 36 of them and their combined age is over 16,000 years. In the same vault where he keeps his rare books, Dr. Gilfillan displays a large collection of antique silver.

Translating from the Latin almost as rapidly



(Left) The dean locks up his 7 by 14 foot vault in which he stores his 36 incunabula, other rare books and his silver collection. Lettered in gold over red—in Chinese—is "Enjoy yourself it is later than you think." Fireproof doors and from eight to 13 inch walls protect his valuable collections and will permit use of the vault for a civil defense shelter.



(Right) Europeans saw their first picture of an American bison in this herbal written by Francisco Hernandez between 1570 and 1577. Although written in Latin, names of the plants and animals it describes are in Aztec. Phillip the Second of Spain kept the manuscript for himself so the book was not printed until 1651.

Dean Is A Collector

story and photographs
by Guil Evans, '61

as most people read English aloud, the dean reads from the first picture book of world history, "Nuremberg Chronicle." This incunabulum, one of his favorites, was printed by Germans to show they were better printers than the Venetians were, explains the dean as he shows it proudly.

Although all but two of his incunabula are in Latin, the dean is not limited to that language. He speaks German, French and Russian. Translation of Latin, Greek and Chinese seems simple for the dean.

Dr. Gilfillan is largely responsible for starting Russian language courses for the first time eighteen years ago at OSU.

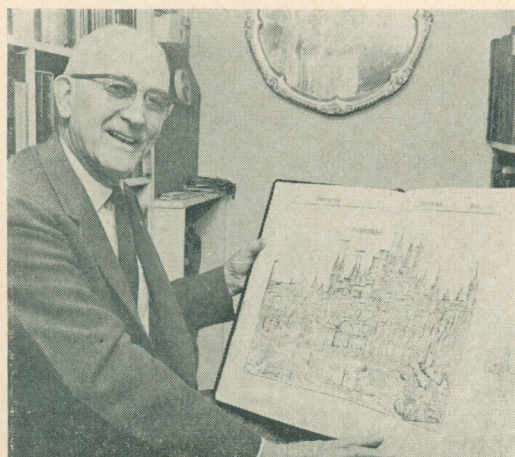
If he had to choose a favorite among his 36 incunabula, Dr. Gilfillan would probably choose one he got accidentally. This one arrived in place of another he ordered. His acknowledged pride and joy is again a Latin volume, *Speculum Exemplorum* printed in 1481 at Deventer, Holland.

The dean likes to call this book *Reader's Digest: Volume One, Number One*. It was compiled, like the Digest, from many sources for the convenience of readers who "couldn't possibly find time to read all the books available in 1481!"

Antique silver, some of it dating from the 1500's, lines two walls of the vault which also houses his books. In spoons alone, Dr. Gilfillan has wide variety—everything from a golden coronation spoon to dainty, but sturdy, marrow spoons. When guests came the finest delicacy was to split the bone from the roast you had for dinner, the dean will tell you. Tasty marrow was scooped out with long narrow spoons.

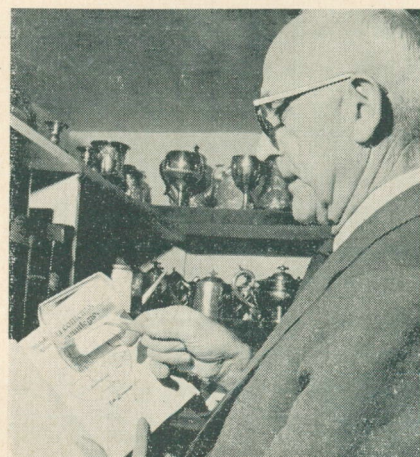
Mrs. Gilfillan, a school teacher in Corvallis, says of her husband, "He's a collector."

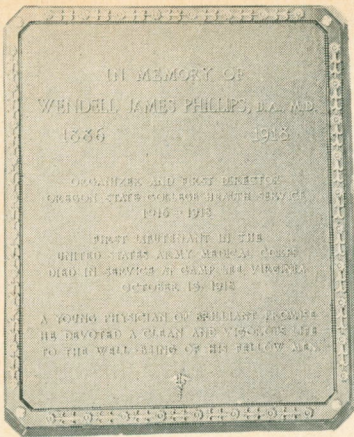
But he is more than that, too. Dr. Gilfillan continues to study his many languages, history, typography and silver craftsmanship. He knows his classical material—and is a scholar for it.



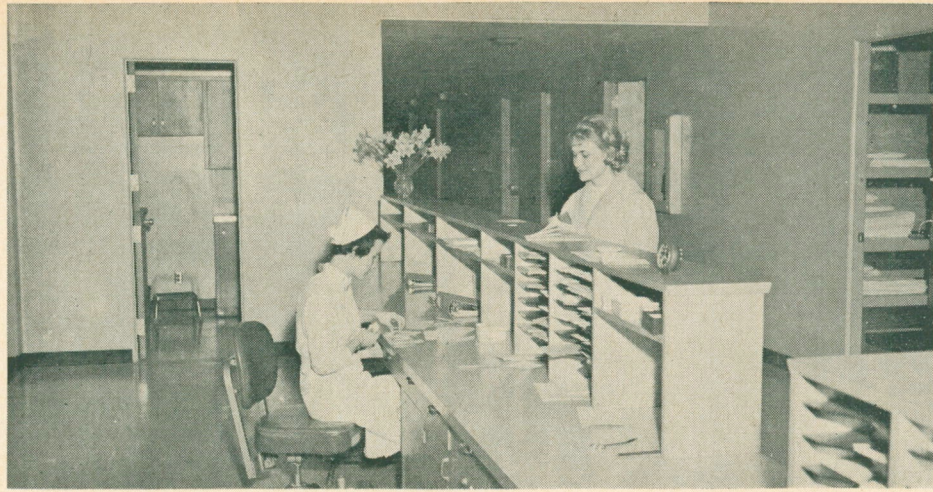
(Left) A picture history of the world, the "Nuremberg Chronicle," is liberally adorned with detailed woodcuts, but the only two-page engraving is one of the city of Nuremberg itself. Dean Gilfillan points out the first German paper mill in the lower right corner. It undoubtedly produced the paper on which the book was printed in July of 1493, he says. "Chronicle" is one of the dean's largest incunabula.

(Right) Called by some of his colleagues "the closest to a true classical scholar of anyone at Oregon State," the dean can elaborate almost any detail about his large library of rare volumes. Here he notes the use of an unusual "R" on the title page of an Arabian astrologer's guide printed in 1502.





Plaque on health service building is in memory of Dr. Wendell Phillips, organizer and director of first health service.



New second floor area where students are received into infirmary.

Student Health

Keeping Students Healthy Is a Big Job for OSU Health Service

by Kathy Kennedy, '63

Oregon State's new \$230,130 addition to the infirmary came at an opportune time. The first unit of the present structure was built in 1936 and has adequately served the growing student body.

But still there were only 28 beds for ill or injured students and the student body has been increasing steadily. With burgeoning enrollments predicted for the future years, the new addition fits in with the feeling of the staff at the infirmary in that "the student health service should grow to meet the individual requirements of its student body."

The student health service has now been growing since 1915. A number of interested persons bought memberships for \$2.50 and former Dean of Administration E. B. Lemon remembers that the health service started this way with about \$1,000. The hospital was located on Ninth and Harrison streets. The out-patient center was situated in a

small building on lower campus between the Pharmacy building and Benton Hall. Today this building is the paleontology laboratory.

Funds for the construction of the new wing were obtained through the sale of bonds. The income to run the health service comes from student fees. The amount during 1959-60 was \$134,000.

The new wing adds 13,000 square feet of floor space. Six additional physician offices are available now and an addition has been made to the physical therapy and x-ray facilities. The infirmary now has a total of 42 beds for students.

There are three full time and three part time doctors, an assistant director, 10 nurses, two technicians, three clerks, one domestic and one janitor. The staff is directed by Dr. Charles E. Kremer who took over the job in 1958.

The figures showing the use by stu-

dents are impressive. Close to 90 percent of OSU's students seek the services during the year of the health service. Between four and five visits are made by each student, statistically speaking. Last year slightly over 1,000 students received an average of 2½ days of bed care.

For the \$21 dollar fee the student pays, he receives 24 hours a day service, seven days a week for the school year. He is entitled to 15 days of bed care in the infirmary. Except for a \$1 charge for each polio and each flu vaccination, there are no extra charges.

Students are also protected from high medical expenses by a student insurance program. About 43 percent of the OSU students participate in this program at a cost of \$16.50 per student. The entire program is voluntary. The insurance is placed by a local broker and most claims are adjusted locally.

Addition to the health service building brought about spacious new reception room for students.



New health service building now forms a T. The \$230,130 addition is shown at the right.



Julia Butler Hansen, '29, has added a new dimension to her political career by becoming a congresswoman representing the third district in the state of Washington. Mrs. Hansen, a Democrat, won over her Republican opponent by almost 10,000 votes in the recent general election. She was simultaneously elected to the regular term and unexpired term of Congressman Russell Mack.

Although this was her first attempt to run for Congress, Mrs. Hansen was a veteran member of the Washington state legislature. She had served continuously from 1939 through 1960. Mrs. Hansen has been active in the Democratic Party since 1932. Her state legislative experience includes Speaker Pro Tem from 1955, chairman of House Roads and Bridges Committee, member of House Committees on Education, State Government, Public Utilities; chairman of Joint Fact Finding Committee on Highways, Streets and Bridges; a member and chairman of the House Education Committee. Mrs. Hansen has been very interested in school and education problems and sponsored much legislation in these areas.

At Oregon State Mrs. Hansen majored in home economics. She transferred to the University of Washington and was graduated from that institution in 1930. She has been active in Girl Scout and 4-H club work.

Mrs. Hansen has resided with her family in Cathlamet, Washington. Mr. and Mrs. Hansen have a son, David, who is 14 years old. In Cathlamet, Mrs. Hansen has been manager of an Abstract Company and Insurance company. She is also well known for her writing. Mrs. Hansen is the author of the well-read Northwest historical juvenile novel, *Singing Paddles*, which received a national prize.



Congresswoman Julia Butler Hansen

cover new ways to prevent flowering in plants grown for their leaves or stalks.

Dr. Lincoln is 37 years old. He received his doctorate from UCLA, where he taught and did research. He has also been a U. S. Department of Agriculture plant physiologist.

The appointment of Dr. William Huggins as Westinghouse Professor of electrical engineering at The Johns Hopkins University has been announced by Dr. Milton Eisenhower, president. He has been a faculty member at that

school since 1954 and is noted for research in the signal theory and electronics fields. He received his master's degree in 1942 at OSC and instructed in the electrical engineering school for two years following. In 1953 he received his Ph.D. from M.I.T. As a staff member of the air force research center at Cambridge, Mass. from 1946 to 1954 he earned the decoration for Exceptional Civilian Service, the highest air force award which can be granted a civilian.

Jackson Graham, '36, was promoted to the grade of Brigadier General in February shortly after his return from

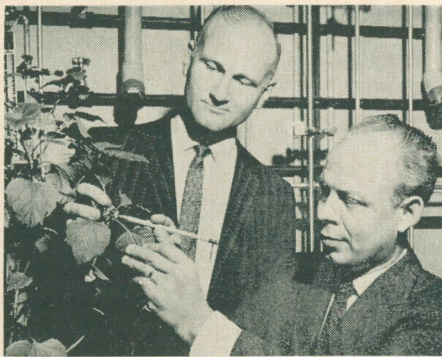


Brig. General Now

Europe and assignment as division engineer, Ohio River division, army corps of engineers. The Oregon State alumnus is located in Cincinnati and he is in charge of a large program of civil and military construction reaching into the 14 states of the Ohio river

basin. Navigation and flood control construction alone is about \$150 million per year. General Graham has been on active duty with the army engineers since he was graduated from Oregon State University.

(More news on page 23)



Dr. Lincoln (right) and research collaborator

Oregon State alumnus, Dr. Richard Lincoln, '49, is a member of a Long Beach State College research team that has made a major breakthrough in the search for the chemical basis of plant flowering. The research team extracted a hormone from the cocklebur and used it to trigger flowering in other cocklebur plants.

If the research team's extract can initiate flowering in other plants many practical uses may be found. A primary control over flowering could allow growers to time the production of crops from flowering plants. Also, knowing the hormone's make-up should help un-

Another . . . "Man From Equitable" Again Reflects the PORTRAIT of a REWARDING CAREER

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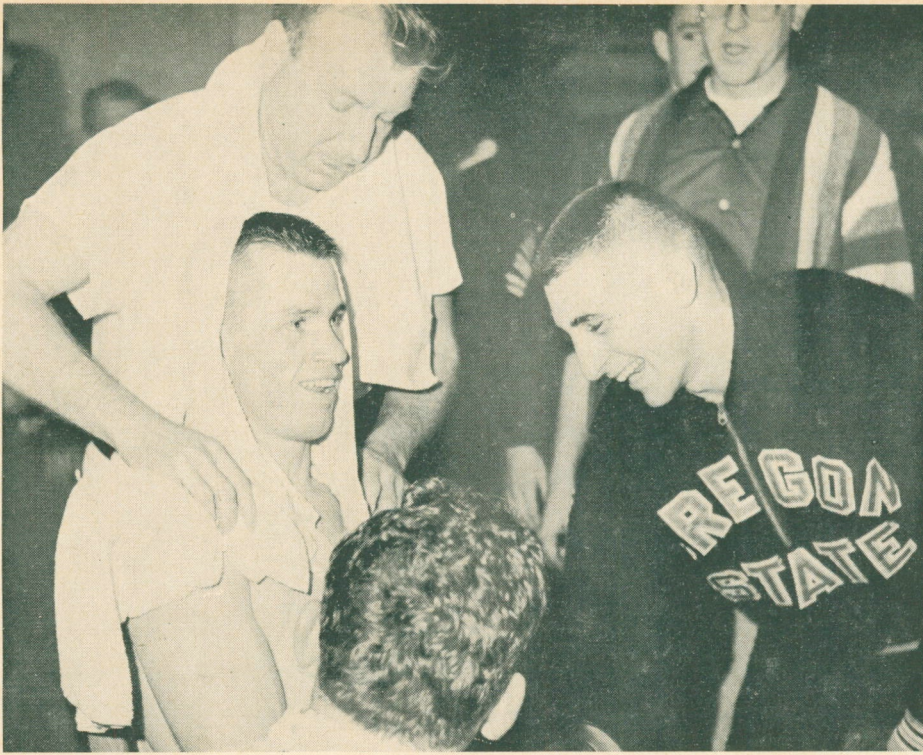
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Class of 1947
Corvallis, Oregon

Other Oregon Staters:

G. MARTIN BLAKELY	'37
VIRGIL CAVAGNARO	'49
GAYLE GILMOUR	'55
JACK HAHN	'42
ROBERT F. HOWELLS	'34
WALTER KELLY	'51
KENNETH KIRBY	'46
CHESTER E. NELSON	'42
DONALD PULLIN	'50
ED RIDDERBUSCH	'50
BARNES D. ROGERS	'53
BURTON C. SELBERG	'40
MAX E. SMITH	'49
HERBERT WATKINS	'57
ROBERT L. WEIR	'37
JOHN H. WYTTEBERG	'52



Don Conway smiles broadly after winning the 167 pound national wrestling title in March. He received attention and congratulations from trainer Bill Robertson and Ron Finley (right) who lost out in the 137 pound finals. Both Conway and Finley are from Newberg. Beaver mat team came in fourth nationally. Finley was later named to U. S. Greco-Roman team for the world tournament in Japan. Coach Dale Thomas was selected to coach the U. S. team in Japan.

WE'VE DEVOTED a lot of space this winter to wrestling, so won't delve long into that now. But it should be mentioned that the NCAA mat championships at the Coliseum were first-class in every respect. Writers, officials, coaches and participants all praised Oregon State for its host role and marveled at the organization of the affair. Some had earlier expressed skepticism at the tourney being moved west of the Rocky Mountains for the first time in his-



Dale Thomas

tory, but a lot of people pitched in and did a terrific job.

The matches, too, were excellent, and it was quite gratifying to see OSU wind up in fourth place nationally with a squad that wasn't really rated in the top 10 prior to the tournament. Don Conway became Oregon State's first NCAA wrestling titlist, winning the 167-pound class, and Ron Finley almost made it in the 137-pound division, losing out in the finals. Some of the older alumni might claim we're wrong about Conway being "first" as a national champion, but the statement is protected by the word "NCAA." First NCAA wrestling tournaments were held in 1928, and Robin Reed and some of those other greats from earlier years came along prior to that time.

It was a fine year for wrestling locally and really quite appropriate that the nationals were in Corvallis. Oklahoma State, as usual, won the team title, with Oklahoma second. Iowa State finished third, just one point ahead of

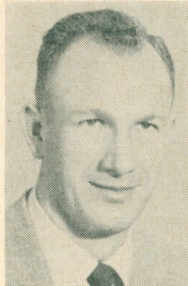
Oregon State. Had Olympian Fritz Fivian come through as hoped for, the Beavers would have been third.

Track Has Hard Luck

Spring sports were going full blast as this column was written. Sam Bell's track squad, in fact, had polished off four dual meet opponents, won a triangular meet from Stanford and Fresno State and finished second at the Far West Relays.

Ralph Coleman's baseballers, picked by some to win the northern division crown this spring, didn't fare too well on a spring vacation into California. They lost all five games on the trip. Because of heavy rainfall in March, the team hadn't worked outdoors once prior to leaving, however, and just weren't ready for the brand of competition they had to face. But once they returned to the home confines of Coleman field, they regained their batting eyes and ran up some astronomical scores against non-conference foes.

This track situation is an interesting one. Bell took on the coaching reins here just three years ago and already the Beavers rank as a national power. In 1959, they were 11th at the NCAA meet, and last year moved all the way up to fourth. If injuries don't kill them off, it conceivably could be just as high—or even higher—this spring. Those of you who followed football last fall must have wondered how one team



Sam Bell

(Oregon State, in this case) could collect so many injuries in one season. Ac-

Don Conway became Oregon State's first undisputed National Collegiate Athletic Association (NCAA) champion in the school's history. Other Beaver athletes have tied for a first place in NCAA meets but the OSU wrestler now rests alone as king of the 167 pound collegiate wrestlers. In 1952 Lyle Dickey had a five-way tie in the NCAA pole vault competition. Wayne Moss, in 1959, was in a two-way tie for the high jump at 6-9 $\frac{3}{4}$.

tually, it's been almost as bad in track in this first month of action. As OSU prepared to head for Seattle and a dual test against Washington, Bell had to leave six of his top performers home because of injuries or other ailments.

Two of them are all-American holdovers from last year—Darrell Horn and Gary Stenlund. Horn pulled a leg muscle in the Far West Relays at Pullman, and Stenlund was recovering from an elbow operation on this throwing (javelin) arm. Those two alone are worth plenty of points in any meet.

And also out were Leroy Whittle, the much-heralded football back for next fall; Bill Boyd, a fine two-miler; Gary Rossi, sophomore high jumper; and Ron Bach, veteran sprinter. Rossi was recuperating from a hernia operation and the others had muscle pulls.

Even without some of their aces, the Beavers still are mighty strong. They probably won't quite overtake Oregon this year, unless warmer weather heals all the muscle wounds. Like everyone else interested in OSU, we look forward to the day when Bell and his legions will beat the Ducks in track. Nobody likes to admit anything good about rival Oregon, or be complimentary to the Ducks, but the Eugene track program has been something to write home about in recent years.

Bill Bowerman has built Oregon's track program into one of national prominence. Bell's task at OSU was even tougher, for he started with virtually nothing except a strong personal determination and desire. Sam didn't have the "horses" around when he took on the job, but he went out and got some, and apparently knows something about this coaching business too.

A good many newcomers stole headlines in March and early April. One was Norm Monroe, the speedboy from Clark JC (and Washington, D. C.) who turned out for basketball for a spell last winter. Monroe clipped off a :47.1 the first time he ran a varsity race for OSU in the 440. That, friends, is traveling!

And Whittle, too, kicked up his heels high, running the 220 in :21.1. That broke a school record that had withstood all challenges since 1904, having been set by Floyd Williams way back when. Ironically, Whittle's mark lasted

and Baseball Strong

by Johnny Eggers
Athletic News Director

only one day, for veteran Amos Marsh ran a :21.0 the very next day.

Bill Boyd, a transfer from Iowa, was another new school record holder. His time of 8:53.9 was the best ever in the two-mile. Speaking of new marks, every OSU record now lists an athlete coached by Sam Bell—all 16 of them. And 15 of them are still in school, Wayne Moss being the only graduated member of this select group. Is it any wonder Oregon State University is proud of Sam Bell!

Speaking of sparkling times, you won't find many better than that :22.8 set by Horn in the 220-yard low hurdles, prior to his injury. At this writing, it was second best registered in the nation this spring. Now if we could just get Horn and everybody else well, Oregon State would cause lots of trouble for anybody it faced in track.

Good Baseball Team

In looking over this baseball roster, it's easy to see why a lot of people are convinced "Coley" could have one of his better teams this spring. Take the outfield first, for they're all experienced and good hitters. In left, Larry Petersen patrols, and all he did last year as a sophomore was earn a first-string all-America spot, hitting .420 for the season and also leading the northern division batting race.

Grimm Mason can club that long ball and is a fine center fielder. In right, Gary Baker has lots of experience, and occasionally smacks that long blow too. The infield is solid. Sophomore Dave Hayward may be the best catcher we've had here in a long time. All-Northern Division Bill Wagner is on third base

again, with Brian Bailey on second and footballer Gene Hilliard at shortstop. Only at first is there some doubt—at least in terms of finding a starter. Alternating chores there are veterans Bruce Day and John Whitelaw, plus sophomore Harry Demorest.

Bill Oerding and Leon Criner are the pitchers with experience, though it isn't too deep after that. Some of these new lads such as Dennis Straub, Cecil Ira and Jim Falk may be the answer. It really isn't a requisite to have four or five top pitchers in the short N. D. season, but it does help. Bailey Brem and Don White used to handle it by themselves when they were here in the early 1950's.

Oregon usually has strong teams under Don Kirsch. And when has Buck Bailey ever coached a poor one at Washington State? Even Washington, the school everybody used as a whipping boy in baseball, has shown signs of resurgence in the sport. So it all stacks up as another interesting race in baseball. This is one sport in which all five of the old northern division members still compete as a group.

Golf and tennis activity hadn't been too extensive as we went to press, but Irwin Harris feels his netters will be up to their usual high standards. The golfers didn't show too well at the tournament in Santa Cruz, Calif. to open the season, but like other spring sports teams here, they had been handicapped by poor weather.

Three new additions to Oregon State's football coaching staff are Bob Gambold, Jerry Long and Bob McKittrick,



Squad captain for Oregon State's finest track team is hard-working discus star Don Martin.

who all will be on hand for spring practice sessions.

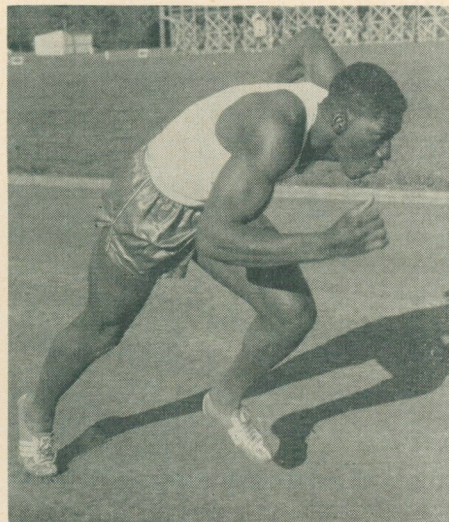
Long and McKittrick both are OSU graduates and played football for the Beavers, while Gambold is an ex-Washington State star in both football and basketball. The latter was the top assistant to Jim Sutherland at WSU and is a t-formation expert.

Long, who lettered here in 1946 and 1947 and graduated in 1950, gained prep coaching experience at Brownsville, Astoria, Rainier and Tigard, before moving to Willamette University as line coach five years ago under Ted Ogdahl.

McKittrick was a guard on Oregon State's Pacific Coast conference championship teams of 1956 and 1957. He originally is from Baker, and currently is a lieutenant in the Marine Corps, soon to receive his discharge.

Others on the coaching staff are head coach Tommy Prothro and assistants Bob Watson, Bob Zelinka, and Ron Siegrist. Bud Gibbs recently resigned to become associate registrar and Doug Bradley resigned to enter the insurance business in Los Angeles.

They Anchor Oregon State's Finest Track Squad



Football star and top track scorer is dash man Amos Marsh. His 220 time is new record.



Norm Hoffman, ace 880 and mile runner, has best times of 1:51.7 and 4:09.6 this year.



Darrell Horn had leg injury that cut into his broadjumping and hurdle effectiveness.

ALUMNI 'ROUND THE WORLD

E. E. Wilson as he looked as a member of the board of regents in the 1920's. The bulk of his estate will go toward establishing scholarships for Benton county youth. Twenty to 30 scholarships will probably be provided each year.



Oregon State's Oldest Alumnus Dies April 3

E. E. Wilson, '89, who was the oldest living graduate of OSU, died April 3 in Corvallis at the age of 91. He was graduated from what was then known as Corvallis College in 1889. A classmate, Bertha Davis, preceded him in death by three weeks.

Wilson a bachelor, was a life-long resident of Corvallis. He served as a member of the board of regents of Oregon State from 1906 to 1915 and later from 1924 to 1929. He was named to the original board of governors of the Memorial Union in 1925 and served as treasurer during that time. At the time of his death, he was still a member of the board.

The Oregon State alumnus was born in 1869. In 1884, his parents moved "out into the country" from second street to

what is now the OSU campus. Wilson attended Corvallis College when it was housed in a single building on Fifth street. Benton Hall, the first building of Oregon Agricultural College, was built at that time and he attended classes there.

He went on to attend law school and was admitted to the bar in 1893. Mr. Wilson was named city attorney about 1910. He was also district attorney, a banker, and manager of an abstract company. The Oregon State alumnus served on the state game commission for 14 years and for 10 years was chairman of the commission. All his life he had been devoted to fish and game work. He was considered a pioneer in game preservation. The E. E. Wilson game management farm north of Corvallis was named for him in 1954.

Deaths

Dr. James DeWitt Case, '49, was found dead March 10 in his laboratory at the University of Washington. The 32-year-old head of the division of dermatology of the university's School of Medicine had apparently ended his life with cyanide. Professional associates and friends were at a loss to explain why the brilliant Oregon Stater should suddenly have an unexplainable death since Dr. Case was seemingly at a new pinnacle of success. Only the day before he had been honored with a \$30,000 research award as a Markle Scholar by the Markle Foundation of New York City. The award was to provide \$6,000 a year for five years to allow Dr. Case to broaden his research in skin cancer. He was studying sunlight as a cause of skin cancer.

Dean of the School of Medicine, George Aagaard said: "Dr. Case was an outstanding young scientist and physician for whom we had great hopes as a leader in dermatology. The Markle award was an additional recognition of his outstanding ability."

Dr. Case received his degree from Oregon State in chemical engineering. He then went on to the medical school in Portland where he received a master of science degree in biochemistry in 1953 and his MD in 1954. Internship at Detroit Receiving Hospital followed in 1954 and 1955. He was an instructor in the North Carolina School of Public Health from 1955 to 1957 when he became a fellow in dermatology at the Yale School of Medicine. Dr. Case came to the University of Washington last June to accept a \$10,500-a-year position as an assistant professor and to establish the University's first research department in dermatology.

Dr. Case was married and the father of Stephen, 7, Mary Kay, 5, and Elizabeth, 4.

Henry L. Bergman, '10, died January 21 in Florida where he had been living in recent years. Mr. Bergman was born in 1888 in Florence, Oregon. He was graduated from Oregon State in mechanical engineering. While at Oregon State Mr. Bergman was well known for his athletic prowess. He was a member of the Beaver football team and was captain of the track team. He set a college record of his day in the 220-yard low hurdles. He also participated in the 100-yard dash and 220-yard dash. Mr. Bergman was married to Harriet Weatherston, '28, on January 21, 1930. For a number of years he had been in the lumber business in Oregon.

W. Claude Williams, '95, died January 13, 1961. He was born in 1875 in Schoolcraft, Michigan. At Oregon State he majored in mechanical engineering and played first cornet in the college band. In 1901 he married Julia Locke. Mr. and Mrs. Williams were parents of one son, Gordon. For many years Mr. Williams was a salesman for farm implements in Oregon and Washington. In recent years Mr. Williams had lived in Phoenix, Arizona.

Information has been received about Benjamin S. Lafferty, '25, who died November 26, 1956. Mr. Lafferty was born October 11, 1900 in Harrison, Idaho. After graduation from Oregon State he pur-

chased a pharmacy in Seattle. He was active in many organizations in the Seattle area. In 1947 Mr. Lafferty served as president of the Washington State Pharmaceutical Association. He served on the Seattle Park Board from 1939 to 1942. Surviving are his wife, Carol, two sons and a daughter and two grandchildren.

James William Graham, '11, died April 22, 1960 according to information received recently in the alumni office. Mr. Graham was born July 21, 1893 in Scottsburg. His father, Captain James Graham, captained the famous steamers Eva and Cricket for the Umpqua Navigation Co. His mother was one of the few women ever to hold a river and bar pilots license on the Umpqua river. Mr. Graham was graduated from Oregon State in mechanical engineering. During World War I he served as a machinist's mate in the navy



and later took graduate work at Columbia university. The Oregon State alumnus was employed for 47 years in the lumbering field. For 23 years he was a supervisor for the West Coast Lumber Inspection Bureau with headquarters in San Francisco. He retired in 1958. Mr. Graham was vitally interested in youth and he worked with and sponsored many Gardiner baseball and basketball teams. He is survived by his mother, three sisters and two brothers.

Mrs. Orpah Benson (Orpah Wynne, '27) died April 8, 1959. She was born in Cottage Grove in 1877. She received a degree in home economics and taught home economics at Oregon City, Cottage Grove, and Redmond. She is survived by a daughter, Mrs. M. E. Gann.

William John Ralston, '22, died April 4, 1960. He was born in 1897 in Altus, Oklahoma. After graduating from Oregon State Mr. Ralston was married in 1926 to Frances Quisenberry. He had been employed with the Parke Davis company and was a partner in the California Medical Pharmacy. Ralston was a member of the American College of Pharmacists, and was a member of Masons and the Shriners. He was a veteran of the navy and served as a pharmacist in the Hawaiian islands and Samoa. Mr. Ralston is survived by his wife, three sisters, and two nieces.

Reg Merrick Cheney, '29, died November 28, 1960. He was born February 26, 1907 in Williams, Calif. After graduation from OSC, Mr. Cheney was married to Margaretha Klein on March 31, 1934. He was employed on electric equipment installation for General Railway Signal Company with maintenance of electrical equipment on the Independent Subway System in New York City. For the last 14½ years he was a rice farmer in Williams, Calif. Mr. Cheney served as a first lieutenant in World War II in the U. S. and Europe with the railroad battalion and in communications. Surviving members of the family

are Mrs. Cheney and two sons, Nikolaus, 22, and Peter, 14.

Michael Goodrich, '62, a former student, was killed instantly February 13 when his car went off the highway just south of Oregon City. He is survived by his parents, two sisters, and a brother.

Albert Absher, '20, died September 25, 1960. He was graduated from OSC with a degree in agriculture and then for two years was Dean Cordley's secretary. He did graduate work at Cornell and later worked as a salesman. For a number of years Mr. Absher was in the insurance business in Portland. In 1941 he passed the state bar examination and began the practice of law. He is survived by Mrs. Absher of 1429 S.E. 55 avenue, Portland 15.

Mrs. Doran Anderson (Mary Lorena Logan, '51) died February 3 at her home in Seattle. She was 39 years old. Mrs. Anderson was born in Bozeman, Mont., attended Marylhurst College for a time and was graduated from Oregon State with a degree in home economics. Surviving are her husband, three sons, mother, sister, and four brothers. At Oregon State she lived in Sackett unit B and was a member of Phrateres.

Mrs. Orlo J. Holman (Lucile Leland, '26) died July 18, 1960 according to information received in the alumni office. Mrs. Holman was born in 1904. At Oregon State she majored in home economics. She was a member of the chorus, rifle squad, WAA, and women's stunt show manager.

Mrs. Frank J. Blattner (Roth Scoville, '11) died June 23, 1959 in Grants Pass according to information received in the alumni office. She was born in Freeborn, Minnesota in 1886. She was a graduate in pharmacy from Oregon State and was a pharmacist in Canyonville and Grants Pass. She was married in 1915 to Frank Blattner who survives his wife and is living in Grants Pass.

The death of Mrs. Lewis J. Kearns (Olive Dorothea Buchner, '21) was recently reported to the alumni office. Mrs. Kearns died October 7, 1959. She was born in 1898 in Sidney, Oregon. After leaving Oregon State she taught at Stayton high school for one year and then married Lewis Kearns in October, 1923. Mr. and Mrs. Kearns were parents of a son, Walter. Mrs. Kearns was active in 4-H work in Portland for many years.

Dorothy Pernot, '21, died of cancer in Portland on February 27, 1961 according to information received in the alumni office. She was born in 1898 in Corvallis. At Oregon State she majored in physical education and was a member of Kappa Alpha Theta sorority. She was investment manager of National Guardian Life Insurance Company of Madison, Wisconsin until 1947.

Robert J. Thoreson, '58, was killed November 18, 1960 when the light plane he was piloting crashed near Bakersfield, Calif. He was 24 years old. Mr.



Don Rasmussen (left), owner of the DHRCO Distributing Company, discusses his new insurance program with New England Life representative Reese Allen.

Agent's advice brings \$125,000 sale — opens door to additional service

Reese Allen enjoys working with top-level businessmen like Don Rasmussen. Not long ago, Reese established a \$125,000 insurance program for him. Mr. Rasmussen, obviously pleased with the plan, has asked Reese to meet with his attorney and assist in setting up a corporation with a buy and sell agreement and related insurance program.

The businessmen Reese Allen advises realize the importance of the services he performs for them and their companies. Their confidence is reflected in his success. His first year in the business saw him qualify for our Hall of Fame and win our Rookie of the Year award.

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Robert L. Parkinson, '23, Modesto, Calif. Worth B. Babbitt, CLU, '32, Santa Ana Thomas R. Cantwell, '47, Los Angeles

Ask one of these competent men to tell you about the advantages of insuring in the New England Life.

Thoreson, a mechanical engineer in the plant operations and field engineering section, Edwards Air Force Base, California, was returning from an official business trip to San Francisco. The accident was attributed to bad weather conditions. The wreckage of the plane was found January 7 by a rancher in a remote section of mountainous country in the Lost Hills area.

During Mr. Thoreson's 2½ years with the air force at the Edwards base, his primary responsibility was project engineer for the design and construction of a million-and-a-half dollars "Combined Environmental Test Facility" for testing missile system components of ballistic missiles. He authored a paper which was presented to the aviation conference of the American Society of Mechanical Engineers in March at Los Angeles.

Survivors include his parents, two sisters, and a brother.

Marcus Struve, '08, died January 16 in Portland. He is survived by his wife, Hazel, three brothers and a sister. After he was graduated from OSC with a degree in pharmacy, Mr. Struve attended the University of Pennsylvania and the University of California at Berkeley. He worked as a chemist most of his life. He was born in Pendleton, Oregon on October 3, 1887.

Reported as deceased to the alumni office is Richard Kononen, '60. Mrs. Kononen is the former Barbara Barkhorn, '60. Mr. Kononen was graduated in pharmacy and was a member of Theta Xi fraternity.

Oregon Staters reported as deceased with no other information available are M. Bruce Gilbert, '16, of Deming, Washington on March 5, 1958; Paul Klev Jr., of Vancouver, Washington; John Emil Backman, '21, of Coos Bay.

Harold W. Spencer, '31, was drowned March 25 in Seattle when the car he was driving went out of control on the Lake Washington bridge and plunged into the lake. He would have been 52 years old on March 30. Mr. Spencer was an auditor with the Army Audit Agency. He was returning home from Pasco where he had been to check Camp Hanford's books. The car apparently hit a lane divider, struck a car, went across two lanes of eastbound traffic, slid along 40 feet of the top of the railing and toppled into the water.

Mr. Spencer had been with the Army Audit Agency seven years and was transferred to Seattle from Chico, Calif. six years ago. Earlier he was an accountant with a San Francisco stock and bond house. At Oregon State Mr. Spencer was a member of Lambda Chi Alpha fraternity and two honoraries, Alpha Kappa Psi, Commerce, and Scabbard and Blade. He was married to the former Elma Ethel Gessell, '33, and they have a son, Gary, and a daughter.

Class News

'60

Completing the officer orientation course in March at Fort Benning, Ga. were Second Lieutenants Jerry Gatlin and Gary Brown. The course acquaints new officers with the duties and responsibilities of an infantry unit commander.

The engagement of Sondra Taylor to Richard Moore of Stockton, Calif. has been announced. The wedding will take place in Stockton in the middle of April. Sondra teaches third grade at Hoover school in that city, and her fiancé is a business major at Stockton college. The couple met in Hawaii four years ago while he was serving with the Marine Corps. Sondra's present address is 1470 Telegraph avenue, Stockton.

New addresses include: Mrs. Robert Gerding (Diane Buchanan), now living at 766 Washington, Eugene; Mr. and Mrs. Lawrence Rauch (Sally Kuebler, '59), now at 359 N. Seneca, Eugene; Barrat Scott, c/o USA C.R.R.E.L., 1215 Washington avenue, Wilmette, Illinois.

Laura Smith has joined the special services staff of the U. S. army in Europe and is now serving as service club director in Berlin, Germany.

Suzanne Wilcox has announced her engagement to William Peterschmidt, a University of Portland graduate who is studying for his M.S. at Stanford University.

Additional military accomplishments for classmates include: Second Lt. Charles Stoddard, completion of officer orientation course at the engineer school, Fort Belvoir, Va.; Second Lt. Cecil Elder and Second Lt. Larry Heaton, completion of the 12-week field artillery course at Ft. Sill, Okla.



Beaver letterman shown here is the son of Mr. and Mrs. Don Essig, '60 (Janet Aune) of Oregon City. His name is Scott Charles and he was born January 10. Don is teaching the sixth grade and the Essig family resides at 1505 12th street.

Jack Carroll wrote that "since the first of September I've taught industrial arts and algebra in the Oakridge senior high school. Following graduation in June I became the proud father of a girl, Lisa Ann. My wife teaches physical education here in the high school. Our present address is Box 174, Oakridge."

Living in Salem at 412 Capital street, S. E. since their marriage in Medford December 27 are Mr. and Mrs. Gary Gasaway (Sheila Spence). Gary commuted to OSU until March when he completed his requirements for graduation at the end of the winter term, and then was to enter the Marine Corps. Sheila is working at the Salem YWCA, keeping very busy with its many programs and recreation facilities.

"Presently with the air force at Keesler air force base in Mississippi, the world's largest electronics training center," wrote 2/Lt. Dwain Epps. "Located at Biloxi on the Gulf Coast. My present position is administrative officer of the 3411th USAF school squadron."

Bob Drusts is "at present employed as computing analyst with Aerojet-General Corp in Sacramento. Plan to start graduate studies at Sacramento State College in the fall of 1961." Bob's address: 8945 Talisman drive, Sacramento.

Edward Rentz is with the Social Security Administration, Klamath Falls.

Len and Shirley (Schofield, '58) Isaacs have "moved into our first home (at 7710 S. W. 84th, Portland) in March. Len continues with Page and Page Co. as their personnel manager. Looking forward to the first arrival of the stork in May."

Art and Marlyne Pugsley are now parents. Their daughter, Christina Valdene, was born February 14.

Second Lt. Michael Moore is assigned to the 4th Armored Division in Germany. His wife, the former Carolyn Whittington, '59, is with him in Germany.

Lt. William Hougen has been assigned for five months of temporary duty to Fort Monmouth, New Jersey where he will attend the signal officers orientation course and the radio officers course.

Helen Lerback was married to Lt. (jg) Ray Sundean of Seattle, Wash. on November 26, 1960. Lt. Sundean is with the Coast and Geodetic Survey. Mr. and Mrs. Sundean now have the address of P.O. box 177, Dalgren, Virginia.

Gerald Myers has the new address of 607 Naples street, San Francisco. He writes: "Mits Tamura, Jerry Koch and I are still living in Berkeley while plowing through graduate school at UC. Mits and I will graduate in June while Koch will graduate next January."

Mr. and Mrs. Russell Smith were parents February 19 of daughter, Carmela. Russell is working as an industrial engineer for Crown Zellerbach at Camas, Wash. Their address is 755 K street, Camas.

Army Second Lt. Walter D. Socolofsky recently completed the four-week airborne course at The Infantry School, Fort Benning, Ga. He qualified as a parachutist and received training in the duties of a jumpmaster.

Graduating from the 82nd Airborne Division Jump School at Fort Bragg, N. C. in February was Second Lt. Cecil Elder. He received his parachutist wings after completing four weeks of intensive ground and aerial training which included five parachute jumps.

Luz Alfajardo has the new address of 129 Labo street, La Loma, Quezon City, Philippine Islands.

Bob Johnson has moved from Anaheim, Calif. to Portland and is working as a design engineer at Tektronix. His new address is 6819 N. Olin avenue.

'59

Sally Graves is engaged to be married to Roger Lind of Newport Beach, Calif. Sally is teaching in the Denver public schools. Her fiancé is a University of California graduate.

First Lt. David Beach was promoted to that rank recently in Germany where he is serving with the 4th Armored division. In Germany with him is Mrs. Beach (Sunny Thompson).

Second Lt. John McCune participated in a military training exercise at Clark Air Base—Stotsenberg training area in the Philippines. He is regularly assigned as a platoon leader at Fort Bragg, N. C.

Making wedding plans are Ronald Gotcher and Lynn Hargreaves, '61, with the date set for July.

Joanne McDonald and Richard Brown plan to wed in the spring.

The engagement of Anita Rives to Robert Platt III has been announced. Miss Rives is a graduate nurse and is employed at the Veterans' Hospital in Portland.

Navy Lt. (jg) Karl Brandt is serving aboard the anti-submarine warfare aircraft carrier USS Kearsarge, operating out of Long Beach, Calif. He's the combat information center watch officer in the operations department on the carrier.

Capt. R. G. Archibald is "now flying the RF-101 'Voodoo' for the 18th Squadron at Laon air base in France. Recently promoted to this rank." His address: 18th Tac. Recon. Sq., APO 17, New York, N. Y.

Bob and Lois (Howell) Willie now live at 15818 S.E. Oatfield road, Milwaukie.

Joe-Nang Yuen writes, "After graduation I stayed for one more year to finish my degree in electrical engineering. Joined the staff of Tectronix, Inc. in June, 1960 and am now a member of the engineering division at the Beaverton plant."

Steven Jensen was named a member of the milk plant sales staff of the De Laval Separator Company's Pacific division.

"I'm presently employed as an associate engineer at Convair-Pomona, where I've been working since graduation," says Tom Flynn. He lives at 2139 Heather way in Pomona.

Bob Romig is doing advanced degree work at Carnegie Tech in Pittsburgh, Pa. While there he's living at 1000 Morewood avenue. His permanent address is 1857 University ave., Eugene.

Ted Miller set a lively pace in his first full year of insurance sales for the Connecticut Mutual Company. He ranked second in volume of new sales and third in number of life sales among the company's first-year salesmen in the nation. A company spokesman noted that Ted displayed the best balance in these two categories of any of its first-year agents.

Kenneth Ramsing is now at Eugene doing graduate work in business administration, under a Weyerhaeuser fellowship. Mrs. Ramsing (Margaret Wulff) is a high school teacher at Thurston and will be going to summer school this June.

Jim Baldwin, a popular math teacher to students at Corvallis' new junior high school, lives now at 1032 S. 10th.

A second child, Scott Russel, was born March 3 to Larry and Ardith (Wilkinson, '58) McKennon. Their daughter is one-and-a-half years old.

Second Lt. Barry Sirard recently completed his infantry officer orientation course at Fort Benning, Georgia. Lt. Sirard was also accepted for airborne training, to be followed by the Ranger survival course. At the conclusion of the training, Barry expects to be stationed at Fort Dix, New Jersey.

Patricia Harlan has the new address of 2211 N.E. Pacific street, apt. 1, Portland 12.

Archie Elliott Jr. also has a new address of 1968 Ferry street, S.E., Salem.

Mr. and Mrs. Richard Van Saun (Gaylee Briggs) are now at home at 240 Ortega avenue, Mountain View, Calif. Gaylee is teaching the second grade at Edith Landels in Mountain View. Dick is still with Hewlett-Packard in Palo Alto. They write they would welcome Oregon State friends.

Stuart Richards wrote that he and his wife were parents on February 25 of their second son, Scott Allen. Stuart is in his second year teaching in Corvallis. He has four craft classes and one seventh grade wood shop. The Richards live at 1509 N 11th.

Class locations, some recently changed, are: Wallace Bryant, moved to box 96, Eagle Point, Ore.; Gerald Larson, to 140-A S. 108th street, Seattle 88; Janet White, 2125 W. Hazel, Phoenix, Ariz.; Mrs. John Phillips (Ollie May Shull), 1412½ Parnell drive, Eugene; Mrs. Paul Keenan (Nancy Morris),

7904 S.E. 64, Portland 6; Mr. and Mrs. Gerald Sliker (Janice Turel) to 108 N. 15th, Corvallis.

'58

Dick Wheeler is employed by Pacific Telephone in the data processing center, San Francisco. His address is 2254 Green street, San Francisco.

Wanda Tiger has the new address of 2215 S.E. Miller, apt. 45, Portland.

John Langrell, safety officer for the state forestry department since 1959, has been transferred to the position of assistant district warden of the Southwest Oregon district, Grants Pass. John joined the department after graduation from Oregon State. He is married and has two young children.

James Mills is employed as office manager by the Hoffman Construction Company. His address is 1903 Olympia Way, Longview, Wash.

First Lt. Jerry Jennings is now stationed in Korea after having been at Fort Benning, Georgia the last two years. Mrs. Jennings, the former Donna Yergen, '60, is returning to college at Portland State. Their address will be at 6116 S.E. 23rd avenue, Portland.

Philip Charles Crowley and Margaret Leatham recently announced their engagement. A June wedding in Phoenix, Arizona is planned. Miss Leatham is a student at the University of California School of Nursing.

First Lt. Otis Hollar is now attending the Security Service's school at Goodfellow air force base in Texas. He was formerly the intelligence officer for the 52nd Airborne Early Warning and Control Wing at McClellan air force base near Sacramento. Lt. Hollar's wife, Jane, and their two small children, Mark Alan, 20 months, and Susan Lynne, six months, will accompany him on his new assignment. Upon completion of the Security Service's six-month school, Lt. Hollar will be given a special assignment overseas.

Clay Peters Jr. has been selected as a park ranger at Sequoia and Kings Canyon national Parks.

John Ahlstrom, formerly of Grants Pass, is now located at Rt. 2, box 28-A, Rainier, Or.

Also moving recently were: Donald Amos, now at 1221 Glorieta street N.E., Albuquerque, N. M.; James Berry, to 601 N. Naches, Yakima, Wash.; Howard Buell, now at 4540 S.W. 70th ave., apt. 5, Portland 25.

Wayne and JoAnn (Woods, '59) Frostad have a new family member, Kristi Jo, born July 18th, 1960. "We're still living in Milwaukie, where Wayne is a third year dental student and I'm teaching eighth grade," writes JoAnn.

Gloria Johnson recently took over a new job as assistant state 4-H leader, located at the extension office, College of Agriculture at the University of Idaho in Moscow. For the past two years she has been extension home agent in Bonners Ferry, Idaho.

'57

George Ronning, writing to inform the alumni office of a recent move, says, "It has been enjoyable receiving the Oregon Stater and hearing of the 'Happenings on the Hill' and the class of '57. I've been here for seven months working at Guy's Hospital Medical School in London on a dental



George Meyers, '58, is head wrestling coach at Sweet Home and also coaches football and track. George is shown with the state championship wrestling trophy that Sweet Home won last year. Mr. and Mrs. Meyers (Lillian Dimiduke, '58) have year old daughter.

The Office of Admissions of OSU is seeking names and addresses of outstanding high school students who might be interested in attending Oregon State University and who would like to receive information from the university. Alumni should indicate, if possible, the area of academic interest of the students.

All correspondence should be addressed to Director of Admissions, Dallas Norton, Office of Admissions, Oregon State University, Corvallis.

research project and will complete my stay in June 1961. Then I hope to travel on the Continent before returning to dental school in Portland for my senior year. My new address: 15 Disraeli Road, Putney, S.W. 15, London, England."

Lyle and Joyce (Jensen, '58) Read moved to Canby last July. Lyle is selling insurance and Joyce is substitute teaching and giving organ lessons. Their son, Dan, was a year old in March. They live at 574 S. Ivy in Canby.

A sales engineer trainee with Timber Structures in Portland, John Burks lives at 6952 S.W. Ivyland, Portland 25.

Robert Lewis has the new address of 2111 Oxford drive, Redding, Calif.

Barbara Anne Connors and Maurice Lee Rasmussen recently announced their engagement. A June 24 wedding in Portland is planned. Rasmussen is a graduate student at Stanford.

Jack Peters is employed at Crown Zellerbach Corp. at Molalla. Jack wrote that "we now have a new baby boy, James Thomas, bringing our total to three boys and one girl."

Donald Perrin is now living at 5079 Pine street, La Mesa, Calif. He was released from active duty by the navy last October and is now employed by the bridge department, division of highways, California, on a highway project at La Mesa.

Margaret Parrott writes from Guam that she is now working for the government of Guam Memorial Hospital. She says: "Life on Guam is different from the states, but I enjoy it."

Lowell Pearce is coaching in Estacada, Oregon. Mr. and Mrs. Pearce have two children.

Clarence White Jr. is now living at 1375 Ferry street in Eugene after having resided in Corvallis.

Mr. and Mrs. Robert Nelson (Emily Johnson, '59) have the new address of 160 Prospect avenue, Long Beach, Calif.

Wesley Boyer is working for the Ford Motor Company as a scientific engineer. Mr. and Mrs. Boyer and two children, John, 2, and William, 1, are living at 3110 Woodside Drive, Dearborn, Michigan.

First Lt. Michael Grant is stationed at the Presidio of Monterey, California after having transferred from Fort Holabird, Baltimore, Md.

'56

Marina Maletis was married January 1, 1961 to Mr. Eugene Patrick Finnegan of Garden City, N.Y. She and her husband are now at home at 59 E. 78th apt. 3-R, New York City.

Other new addresses: for Samuel Goforth, changed to 1557 Jackson, apt. 305, Oakland, Calif.; for L. B. Anspach, now at 713 East Hancock street, Newberg, Ore.

Carol (Burr, '57) Hamilton was a campus visitor in March. Ed is navigator and operations officer on the USS Kawishiwi, will be in Japan until July. The Hamiltons and their two offspring, Karen Ann, 2, and Keith Edward, 9 months, live in Honolulu at 104 Main street.

Sally Hornecker is assistant dean of women and the director of women's residence halls at Southern Oregon College, Ashland. She received a masters degree from Cornell University in 1960.

Don Smith wrote that he's "transferred to Steamboat Ranger Station on the Umpqua N. F. as assistant ranger."

Lt. Leonard W. Riley has the new address of 123 First street, Travis air force base, Calif.

Nick Kirkmire recently moved from Springfield, Oregon to 1149 North 93rd street in Seattle.

Mr. and Mrs. Jerry Hinton (Harriet Howell, '57) became parents of a daughter, Kathryn, on September 10. The baby is their first child. Jerry is an engineer at Skookum Co. in Portland.

Mr. and Mrs. Alexander Munson (Betty Shide-

ler) have had a busy year. A son, Eric Lawrence, was born November 13. Betty wrote that: "Life has been a bit hectic what with a new home, a summer trekking through Europe with tent and sleeping bags, plus a new job for Lee and finally a baby."

'55

Laird Brattain recently wrote that "I came back from Germany last summer and am now working at Hurburt Field in Florida as aircraft maintenance officer. We are stationed on a very wonderful air base and live right on the water by the Gulf of Mexico but miss the Great Northwest." His address is box 532, 4751 Matron, Elgin air force base, auxiliary field 9, Florida.

News from the Jack Arct family indicates that Jack is still working for Lockheed Missiles, Sunnyvale, Calif. Mr. and Mrs. Arct have a son, Wayne, 18 months, and are expecting another little Arct in October.

Bob Clements and his wife, Marie, announced the birth of daughter, Joy Allison, February 18th. Joy's new home is at 6027 N. Olive, Lakewood, Calif.

The Frank Olsons of Lexington, Mass. became parents of their third daughter, Rebecca Lynn, December 8th.

"Married in June, 1960 to John Pavkovich, an electrical engineer," wrote Barbara (Luebke) Pavkovich. "I'm working at Palo Alto Clinic as a medical technologist for the fifth year." Barbara and her husband live at 1991-F Manhattan, E. Palo Alto, Calif.

Address changes for: Dr. Raymond Friedman, now at 3447 77th place S.E., Mercer Island, Wash.; Mrs. L. W. Pickens (Ann Murray) now living at 807 3rd avenue North, apt. 27, Seattle.

Mr. and Mrs. Larry Gilmore are moved to N. 4317 Lidgerwood street, Spokane, Washington. Larry is employed by Convair-Astronautics, a division of General Dynamics Corporation.

'54

Mr. and Mrs. James Dahlstrom (Betty Christensen) have a new address of apartado 511, Panama, Republica de Panama. Jim is the Firestone representative for all of Central America and the West Coast countries of South America.

Dr. and Mrs. Ralph Peterson (Elizabeth Leonard, '54) and their one-and-one-half year old daughter, Laura Jo, are living in Portland at 41 S.W. Bancroft while Dr. Peterson finishes his residency in orthopedic surgery. He's scheduled to complete the residency in July.

Colonel Frank Ryan was promoted in March to the grade of Chief of Transportation, Directorate of Material, Headquarters Second Air Force, at the Barksdale air force base in Louisiana. His last assignment had been at Wiesbaden, Germany.

Dr. John Hensala is completing his rotating internship at St. Vincent's in Portland.

Sidney Ward lives in Whittier, Calif. at 15924 Stanmont.

Mrs. Frederick Rausch (Doris Burton) lives at 4097 San Ysidro Way, San Jose, Calif. The family events include a European tour in the summer of 1959, birth of a son, Peter James, in January, 1960, and a move into a new home in fall of 1960. Mr.



Mrs. Max Carpenter (Mary Stockman, '57) recently viewed a model of an Iron Curtain guard tower during her recent visit to the Radio Free Europe headquarters in Munich, Germany. Max is a first lieutenant in the 3rd Engineer Battalion stationed in Munich.

Rausch is an employee of General Electric Co. and is also studying at San Jose State College.

The Earl Reynolds (Barbara Wisdom, '48) are busy people. Earl is a teacher in Bend, also teaches night adult education classes. They have three sons, 5, 4, 3 years old, and two daughters, 15 months and 5 months. They are addressed rt. 1, box 491-A, Bend.

'53

Locations of class members recently moved: David Schmidt, to 4 Pinewood avenue, R. D. 2, Glen Falls, N. Y.; David Christie, now at 1905 N.E. Junior street, Portland 11; Marvin Simmons to the El Nido Apts., 200 Alicia, El Paso, Texas; Clarence Estes to 702 Velma, Grandview, Wash.

'52

The former Marjory Beidler, now Mrs. R. Gordon Neideigh, is living at 1716 N.E. 53rd avenue in Portland.

'51

Charles and Caroline (Faust, '54) White have moved from southern Oregon and are now raising cotton and cattle in the Joaquin Valley. Last May 30th they were greeted by a new daughter, Adelle Marie. Their address is 8498 ave. 19½, Chowchilla, Calif.

Glen Kline has joined the state extension office as agent-in-charge. He was previously the Jackson county 4-H agent.

"Now selling Beechcraft airplanes for Flycraft at Portland International airport. Still living in Eugene, will move family to Portland after the end of the school year," wrote Charles Parker, now at 3375 Van Buren in Eugene.

Howard Pratt was recently transferred from Seattle, where he was Washington State manager for J. Henry Helsel & Co., to head production and servicing in the west coast investment management firm's Portland headquarters.

"Transferred to San Francisco in January, with the Goodyear Tire and Rubber Company. As of June, 1960, we have four sons!" was the news received from Richard Swanson.

Carl Peterson Jr. is living at 206 North avenue in Newport News, Va.

New locations: G. Burton Frost, moved to rt. 1, box 186, Scappoose; Donald Bowen to 18445 Vandorbilt drive, Saratoga, Calif.; William Ackerman to 225 S. 63rd avenue, Yakima, Wash.; Donald McMorris to 1220 W. 11th, Albany, Ore.; George Neilson to 2600 Stephenson drive, Grendon Farms, Wilmington, 8, Del.; John Lathrop, now at 8105 N.E. 25th avenue, Vancouver, Wash.

T. M. Williams is director of radio-television service for Brigham Young University. His address is 1094 S. 800 E. Orem, Utah.

'50

New position for John Vossen, now living at 5480 S.W. 166th, Beaverton, at Hoffman-La Roche laboratories.

Walter Sivek was the recipient in 1960 of the C.L.U. title, awarded by the American College of Life Underwriters and became an associate of the Life Office Management Assoc. Institute. Walter was associated with Equitable Life for eight years, and more recently has been with the Mutual Life Ins. Co. in Newark, N. J. in charge of all group insurance claims. He received his master's degree from N.Y.U. in 1958. He's now living at 419 Mt. Prospect avenue in Clifton, N. J.

Richard Cubitt has a new position as physicist in the K division at the University of California's Los Alamos Scientific Laboratory. He is joined in Los Alamos by his wife, Shirley, and two children.

The Multnomah Athletic Club wrestling department proudly announced that its Athlete of the Month honor went to Paul Buhler. He is not only an excellent wrestler but a top official, a charter member of the Oregon Wrestling Officials association, and works as referee in many high school and college contests. A Pacific Coast intercollegiate champion before graduation, he won the northwest Olympic trials in 1952, and in 1953 was a member of the MAC squad that won the national team championship, with a second place medal for his skills. Today he's a salesman with Graybar Electric Co. and, according to the club's news item, is "considered one of the most eligible bachelors at the MAC."

Harold Johnson is in the advertising department of the Union Pacific Railroad in Portland. Harold and wife, Norma, have a two year old daughter, Sandra, and live at 4230 N.E. 65th in that city.

George Cox Jr. has a new address of 1357 Stanley Lane in Schenectady, N.Y.



Lt. Col. Bogner, '39, gets award. See '39 news.

Mr. and Mrs. A. V. Fullaway (Nancy Chantler, '51) have a new address of box 54, Puerto Limon, Costa Rica, C.A. They are with Weyerhaeuser of Costa Rica.

Bonnie Paulsen was married to William Payne last August 13. They are now living at 2509 Pliers Mill Road, Silver Spring, Maryland.

A soil scientist for the USDA in Red Bluff, Calif., Kenneth Johnson makes his home there at 1760 Walbridge street.

These class members have moved recently: Wesley Hicks to Star Route, Skamokawa, Wash.; Daniel Abraham to 1938 Manzanita Klamath Falls; Frank Allen to 20 Park avenue, Old Greenwich, Conn.; Enoch Friendly to 2437 S.W. Nye avenue, Pendleton; Lt. Cmdr. Wilmont Eckhout, USN, Navy 535, box 10, e/o FPO, San Francisco.

'49

From Mrs. Glenn Mickelson (Florence Peterson) of 10251 N.E. 30th Place, Bellevue, Wash. comes news of a new addition to their family; Melinda Carol arrived in September 1960 to join Nancy, 8, and Tommy, 7.

Florence also wrote that Richard and Gloria (Watson, '47) Segner have a new daughter, Jeanine, who was born October 31. The older Segner children are Janet, 8, and Donald, 9. They also are making Bellevue their home.

New address for James H. Williams is 5800 Earl drive in Lincoln, Neb.

Ted Igl is the branch manager in Eugene for Pacific Yard Service, wholesalers in building materials. He is the father of two, a girl ten years old, and a son who is seven. They live in Eugene at 2307 Monroe.

Joe Copeland is working at the Longview branch of Weyerhaeuser company. His address is P.O. box 116, Castle Rock, Wash.

'48

Donald Nagel has been transferred from Longview, Washington to the LaGrande, Illinois office of International Paper Company as a speciality salesman. The Nagels now have the address of 905 West Hill Grove avenue, box 335, LaGrande.

Mr. and Mrs. Fred Linton were parents of Barbara Ann on March 11. The new baby has a brother, Warren, almost three years old. The Linton family lives in Rupert, Idaho.

"As of March 1 my new assignment for the next two years will be with our embassy in Djakarta, Indonesia. My last assignment was in Phnom Penh, Cambodia," wrote Rae Wheeler. "Please change my address to: American Embassy, Djakarta, Department of State, Washington, 25,, D. C."

Mr. and Mrs. C. Edwin Egan Jr. (Esther Lockren, '41) live in Roslyn, L. I., N. Y. They have a daughter, 14, and a son, 11. Mr. Egan is minister of the Methodist church.

'47

Paul J. Covey is living at 5822 Aspen, N.E. in Albuquerque, New Mexico. He's the agent for the Massachusetts Mutual Life Insurance Co. in Albuquerque's general agency.

Another Oregon Stater on the faculty at Southern Oregon College, Ashland, is Mary J. (Lewis) Christlieb. She has been at SOC since 1957.

Dr. William Cooper, of the Knolls Atomic Power

Laboratory in Schenectady, N. Y., is lecturing in the Union College evening division for the spring semester. He received his masters degree at OSC in 1948 and a Ph.D degree from Purdue University. He has been with the General Electric Company since 1952. Dr. Cooper resides at 1374 Parkwood Boulevard in Schenectady.

'46

Malcolm Woodward, who formerly resided in Payette, Idaho, is now living in Prineville, Ore. and is addressed c/o the Clinic Pharmacy in that city.

Donald E. Lewis is business manager of Southern Oregon College, Ashland. He is also the assistant to the president. Don has been at SOC since 1947.

Mr. and Mrs. Von Lieberman (Jean Welborn) are living in Vancouver, Wash. at 6908 Topeka Lane.

'45

Kenneth Roberts has a new address of 3089 125th N.E., Bellevue, Wash.

Mrs. Frederick Preston (Orleen Koennecke) is living in Huntington, Long Island, N. Y. Her husband is with General Electric Company. They have two sons, eleven and twelve years old.

'43

Oregon's honorary chairman for the March of Dimes Mothers' March, 1961, was Mrs. Lloyd Anderson (Jo Anne Russell) of Corvallis. Jo Anne, who was stricken with paralytic polio in 1955, and Lloyd, '41, operate a farm and chicken ranch north of Corvallis, laundramats (Coin-Co) in Albany, Philomath, and Corvallis, and are the parents of six children. Lloyd is the Benton County assessor, for which office Jo Anne helped him campaign by telephone, campaign "plotting" and by driving boys who delivered door-to-door campaign material in their car—equipped with hand brake and throttle. She uses the car also to make the weekly egg deliveries to their customers, assisted by the children, and the usual mother-chauffeur to 4-H, Cub Scouts, etc. When first stricken with the disease she spent four long months in the hospital, with daily physical therapy following her release. She has undergone two operations and faces two more which may lead to walking without braces. Each will require two to four weeks hospitalization and daily physical therapy thereafter to re-educate the muscles to their new use. The Anderson children are as ambitious as their parents. They all take an active part in farm duties, and have their own 'pet' projects or plans. Joe, 16, aspires for a chemistry or engineering degree from OSU. Karen, 15, an avid horse lover, is busy with her mare "Cocoa" and 4-H Horse Club. Eric, 13, Peter, 9, and Phil, 8, are all "collectors" and Ole, 5, is full-time assistant at home when others are off to school.

Mrs. David Vance, the former Elizabeth Lowry, is now living at 1120 Grant st. in Boise, Idaho. She is the mother of a one-year-old son.

Mrs. Charles Graves (Dorothy Meyers) has moved from Anchorage, Alaska to 9410 MacArthur Blvd., Oakland, Calif.

The new location for Mrs. Joseph Franzoia (Dorothy Valerio) is 1357 41st street, Sacramento.

Nell Keeney Burleson wrote, "Hadn't seen any Oregon Staters in eight years until we ran into Col. Ray Brett, '42, and his wife, Joyce Bridges, '41, at the Randolph air base officers' club last month. When any Oregon Staters are coming through San Antonio or are stationed here, we'd like to hear from them. My sister, Jane Keeney, '46, has just flown to Germany for a third European tour under civil service. We don't know which country yet. Hope to make Homecoming one of these days!" The Burleson's address is 110 Stanford drive in San Antonio.

'42

Herbert A. Ballin Jr. recently was made part owner of the firm of Wheeler, Boyd and Ballin of Portland. Mr. Ballin is one of 50 certified insurance agents in Oregon and is a past president of both the Oregon and Portland Associations of Independent Insurance Agents. Last September he won the coveted Arthur Eppstein award as the state's outstanding property insurance agents. Ballin has been in the insurance business 21 years. He has been a partner of Wheeler and Boyd since 1954.

The new chairman of the DePauw University department of botany and bacteriology is Howard Youse. His appointment to the position will commence in July. He joined the faculty in 1940, received his M.S. degree at OSC in 1942, and his doctorate at Purdue in 1951. In 1959 he was named by DePauw's students as "Best Teacher."



... a hand in things to come

The long chain with no end of wonders

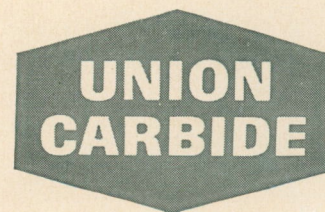
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... a hand
in things to come

'39

Harry Cockrum wrote that he would be visiting campus in April in his capacity as member of the high council of Alpha Zeta. He lives at 522 S. 9th in Bozeman, Mont.

Lt. Col. Charles Bogner was awarded the Army Commendation Medal for meritorious service as an advisor to the Republic of China army from August, 1959 to September, 1960. During that time, as chief of the organization and plans advisory section, the colonel was the principal advisor to the operations, training and civil affairs sections of the Chinese army, and was instrumental in the development of the plan adopted for the defense of the Taiwan and in programming of operational requirements for the Chinese army from 1960 to 1966. Colonel Bogner is an executive officer in the army's Command and General Staff College at Ft. Leavenworth, Kansas.

Address change for Merton Hayman is to 1350 N.W. Division street, Gresham.

'38

Laurence R. Metcalf has been promoted to be chief of the hydraulic design section of the design branch of the Portland U. S. army engineer district. Metcalf has been assistant chief of the section since 1954. He joined the army engineers in 1939 at the Bonneville hydraulic laboratory. He was called to active duty with the army in 1942 and served as a major in Europe. When he returned to the U. S. he came to the Portland district office in the design branch. Metcalf is now a lieutenant colonel in the army reserve.

V. H. Danielson has moved from Colton, Oregon to West Linn, where he lives at 4430 West Cornwall.

'37

Margaret Felthouse Poulsen's husband, Peter, is the national president of the Chiropractic Association. The Pouslens live in Baker.

'35

Boyd Rasmussen, deputy assistant chief, U. S. Forest Service, Washington D. C., has been named regional forester in charge of the Northern Rocky Mountain region, effective March 31. A career forester in the USDA for 25 years, he will make his headquarters in Missoula, Montana, and will have the responsibility for directing the multiple-use management of 16 national forests in Montana, northern Idaho, and western Washington. Mr. and Mrs. Rasmussen, the former Dorothy Umphrey, '37, have resided in the nation's capital since 1959.

'34

Mrs. Forest Stewart (Maxine Paulsen) is now addressed at the Capital Apts., Olympia, Wash.

'33

Tom Culbertson was elected as a director of the OSU Dads' Club at their annual meeting. He lives in Medford at 2615 Hillcrest.

'32

Professor Elliott MacCracken is the chairman of the science-mathematics division at Southern Oregon College, Ashland. He's been at SOC since 1946 with time away to receive a doctor's degree in education from Stanford in 1953.

A new location for Col. C. M. MacGregor—USA Ordinance Depot, Tooele, Utah.

Emile Schanno has also moved recently to 32A Country Club drive in Tacoma, Wash.

Floyd Root, who represented the National Wheat Growers association in Geneva, Switzerland in 1958, is now the president of the Western Wheat Associates. Also holding office in the organization is Richard Baum, '47, who is full-time executive vice-president.

'31

Lionel and Janet (Thompson, '30) Cross make their home at 2839 Cherry in San Jose, Calif. Lionel is the supervisor of agriculture and industrial arts for the San Jose unified school system, and Janet is part-time adult education teacher and housewife.

"Now living at 3207 N.E. 19th in Portland," wrote L. Wade Sims. "Chief of the collections division, Internal Revenue Service for the Portland district. Have a daughter graduating from OSU this year—Judith Ann, and a son who's a sophomore at Grant high school."

Lurton Halderman has the new address of 2593 Cowper street in Palo Alto, Calif.



Col. George A. A. Jones, '32, was one of only 12 teachers selected as outstanding teachers of Science and mathematics in 800 schools in the metropolitan Washington, D. C. area. Col. Jones formerly was ROTC instructor at OSU.

'30

Jim Dejong has moved from Eltopia to 17 N. Newport in Kennewick, Wash.

Arthur Prialux, president of the Keep Oregon Green association, who planned to leave with his wife for a vacation in Honolulu in December, postponed the journey to take the long trip to the hospital for emergency surgery. He was able to return to his home before Christmas and is making a rapid recovery. He still plans to take the Hawaii trip as soon as his health permits.

'28

Mabel Whittenberg Winston is dean of women and registrar at Southern Oregon College in Ashland. She has been at SOC since 1946.

Jack Bowman (Vivian Tohl, '27) has been appointed manager of sales promotion, Hornell Division of AKF Industries, Inc. He will headquarter at the home office in Philadelphia. The family lives at 1209 W. Wynnewood road, Wynnewood, Pa. Prior to his new position, Jack was the Western Regional manager with offices in Los Angeles.

'27

Philip Sowersby, of General Electric Corporation's Chicago staff, is the chairman of the fund raising committee of the Theta Xi fraternity. He has served as vice-president and member of the Grand Lodge for many years.

Dr. Maurice Kinsey is the vice-president in charge of plant operations for TeePak, Inc. in Danville, Ill.

'26

Fred Diwocky has been appointed manager of the Texas City plant of Amoco Chemicals Corp. He has been the assistant to the general manager of manufacturing at the Chicago office for the firm. The Diwockys plan to move to Texas City soon with their daughter, Sandra, 19.

'25

One of the scientists of the team which is credited with bringing the conveniences of the aerosol container and its many uses is Dr. Robert Fulton of Beltsville, Md. His wife is the former Marion Blodgett, '28.

'22

Karl Kellogg has the address of 122 Asahigaoka, Kamakura Yama, Kamakura Shi, Japan.

Mrs. Milton Miller, formerly Dorcas Elliott, '19, wrote that, "Milt has retired from teaching at the University of Denver and we have come 'back home.' We're on a small acreage five miles out of Vancouver and trying hard to get used to the rain once again." Their new address is 2909 N.W. 104th street, Vancouver, Wash.

Another class member whose retirement was announced recently is Neill Hall. He is retiring from Pacific Telephone Northwest following 37 years' service. Since 1948 he has been the senior engineer in the chief engineer's department. Mr. and Mrs. Hall have three grown children and have resided in the University district of Seattle for 32 years. Their home is at 1225 E. 95th street in that city.

'21

Clara Cowgill of Visalia, Calif., was named service chairman for the Tulare county chapter of the American Cancer Society. She has been for 33 years a county home advisor and is widely known for her interest in civic affairs.

'20

Lewis Tuthill, concrete engineer with the division of design and construction of the California state department of water resources, is the new president of the American Concrete Institute.

'18

The announcement of the marriage of C. LaVerne Firestone to Mrs. Ruth Rossiter Leitzel on February 15 in Portland was received in the alumni office. The couple are now at home at 5806 N.W. Fruit Valley road in Vancouver, Wash.

'16

Mrs. Curtis Holt, the former Isabella Downs, lives at 232 Chapel Road, Manhasset, Long Island, N. Y.

Harold Hackett has retired after 39 years in the engineering department of General Electric at Schenectady. The Hacketts have bought a farm with a house built about 1800 and keep extremely busy with it. They've rehabilitated the orchard and fields and have increased the apple and hay production. According to Harold, the only real gain they've realized is a marked improvement in health, a boost in pride of accomplishment and lots of fun.

'07

In March, Cyril Brownell wrote from Laguna Beach, Calif., where he and Florence were wintering, to tell of celebrating their fiftieth anniversary on March 28th. The Brownells plan to return to their home in Umatilla this spring.

William Averill now lives at 14300 S.W. 150th avenue in Tigard.

News From The School of Humanities and Social Sciences

Geography

The geography faculty recently joined forces in publishing a text book of readings for university geography classes. Dr. R. M. Highsmith served as editor, coordinating studies made by Professors J. G. Jensen, O. H. Heintzelman, and R. D. Rudd. The text titled *Case Studies in World Geography* is published by Prentice Hall Company.

Dr. Richard Highsmith, professor of geography, will be visiting professor at his alma mater, Central Washington College of Education during the summer session.

Dr. R. D. Rudd, associate professor of geography, will be visiting staff member for the Earth Science Institute at Northern Michigan College.

The Geography faculty sponsored a conference of teachers on December 10 with Dean Neville Scarfe as the leader. Some 300 teachers participated. Dr. Heintzelman was responsible for the junior level. Dr. W. G. Myatt had

Class Reunions June 2, 3, 1961

1911—Golden Jubilee Reunion of the Class of 1911. It has been 50 years since the Class of 11 received diplomas. Chairman is E. B. Lemon. Events are: Friday dinner in the Memorial Union; Saturday breakfast; Saturday lunch with the Golden Jubilee Association; Memorial service, pictures, and bus tour.

1916—Holding its 45th year reunion is the Class of 1916. E. C. Allworth is local chairman.

1926—Chairmen for the Class of 1926 are C. W. Leihi, class president, and D. Palmer Young, Corvallis. Big event for this 35th year reunion is the Saturday dinner and reception. There will also be a Friday night reception in the Benton hotel.

Golden Jubilee Association—All alumni who have been graduated 50 years or more are members of this Association and are welcomed back to the campus each year. There will be the annual business session and elections at the luncheon in the Memorial Union June 3. Chairmen are John Gallagher, '00, and Clyde Williamson, '08.

charge of the intermediate grades. Dr. Rose Sabaroff of the School of Education was responsible for the primary grades and Dr. James Brooks of Portland State had the senior high school. The proceedings are being published by The Denoyer-Geppert Company of Chicago and will be made available for national distribution.

Music

Ted Mesang, OSU bandmaster, has recently added two publications to his list of musical works. His new "4 and 20" band book and a march, The Great Northwest, have been issued this season by Schmitt-Hall & McCreary, and Southern Music Co. respectively. Mesang is one of only four members of ASCAP living in Oregon.

Professor Iris Gray is on sabbatical leave and is spending the greater part of her year in Vienna, where she is studying at the Academy of Music. Her many letters telling of her experiences in that centuries-old musical center of the continent are read with great interest by her colleagues on the campus.

Featured in the February issue of The Podium, official publication of Kappa Kappa Psi, national band fraternity, is an article by Frank Jonasson, past president of OSU's Theta chapter. The article and three photographs tell of the new band uniforms purchased last year by the department of educational activities.

Speech

Over 400 student speakers and 75 forensic coaches representing 52 colleges and universities from 11 western states and Hawaii, attended the West-

The Department of speech is updating its alumni files to compile a mailing list for the Masque & Dagger Homecoming Coffee Hour, the Masque & Dagger Newsletter, and the annual Masque & Dagger Award Night. Alumni who are members of either organization are asked to send in name, address, membership in what organization, and year of graduation to Prof. D. R. Henry, College Playhouse 205.

ern Speech Association Forensic Tournament on campus in November. Professor A. C. Hingston of Pacific university, coordinator of the tournament, wrote: "I can truthfully say that in my 10 years on the committee, I have never found as gracious a host and as cooperative a school as Oregon State."

At the same time nearly 250 speech and drama professors assembled in Corvallis for the convention of the Western Speech Association. Delegates were special guests of the college production The Seed and the Thorn and a performance by Philip Hanson, Shakespearean actor, reading Kings and Clowns. At the annual banquet, Dr. Earl Wells, chairman of the OSU speech department, was paid a special tribute for his many contributions to the speech field and his pioneer activities in the Western Speech Association. Dr. Robert Oliver, head of the Penn State department of speech, gave the main address. Welcoming speeches were given by President Strand and Dean Ralph Colby.

Professors Harold Livingston and David Grover represented Oregon State at the western Radio-Television conference in Salt Lake City in February. They presented a visual display of the instructional research projects now being carried on by the speech department.

Political Science

Professor Kline Swygard presented a paper, U. S. Economic Policy During the '60's, at the Western Political Science Association meeting at the University of Colorado on March 30.

Architecture

Oregon State University is one of the eight U. S. universities selected to spearhead a new civil defense education program on fallout shelters this year. OSU will conduct a series of workshops on fallout shelter design for architects and engineers of Oregon, Washington, Idaho, Montana, and Alaska.

Three staff members who completed an intensive civil defense seminar recently in Michigan will conduct the workshops. They are Herbert Sinnard, head of the department of architecture, and Thomas McClelland and Gordon Beecroft, civil engineering professors.

English

Seventeen members of the English department staff are teaching extension courses in eight different Oregon communities this spring term. The communities are: Corvallis, Albany, Adair, Newport, Tillamook, Portland, Salem, and Redmond.

From New York Life's yearbook of successful insurance career men!

GUY LUCIANO—an avid sports fan, has coached himself to "stardom" selling insurance!

If anything interests Guy Luciano more than sports, it is "meeting and talking to people." Guy manages to do both admirably. In his spare time he coaches semi-pro baseball and basketball teams. On the job, as a New York Life Agent, he meets hundreds of people—and with notable results.

During the last three years, Guy has qualified for the Company's "Star Club," a select group of leading agents. In the last two years, he has sold over a million dollars worth of life insurance protection. Says he: "Insurance selling is the business for anyone who likes meeting people and a good income!"

As a Nylc Agent, Guy's future success is limited only by his own ambition and industry. Would such a career interest you? . . . or someone you know? If so, write us for information.



GUY LUCIANO
New York Life
representative
in the
Binghamton, N.Y.
General Office

Education: Siena College,
B.S. in Economics, '48

Employment Record: Joined
Nylc in '57. Member, Star
Club, '58, '59, '60.
Binghamton office "Man of
the Year" award, '59, '60.

Previous Employment: Sales-
man, major paper company.

New York Life
Insurance *Nylc* Company

College Relations, Dept. D-20
51 Madison Avenue, New York 10, N.Y.

FROM THE SCHOOL OF HOME ECONOMICS

General Foods Fund, Inc. has announced the awarding of one or two General Foods Fund Fellowships to the School of Home Economics for the academic year 1961-62. Two \$3,000 fellowships will be given for graduate students in the School of Home Economics. An additional \$500 grant for each of the fellowships is given to the School of Home Economics. The students' stipends cover tuition, fees, and subsistence.

The awards may be made for either one-year fellowships to two candidates for master's degrees, or a two-year fellowship to one candidate for a doctor's degree. Awards are to be made to full-time graduate students having an interest in advanced study and definite plans for a professional career. The students may study in any major home economics subject matter area.

This is a part of a \$525,000 grants-in-aid program being advanced by the General Foods Fund, Inc.—a foundation sponsored by General Foods Corporation. The Fund has made education grants of more than \$2,800,000 since 1953.

The members of Miss Joan Patterson's class in Advanced Home Furnishings rung up still another honor in 1960. Kathryn Orme, a graduate student in the School of Home Economics, won third place in the National Lenox

Table-Setting Contest. Her prize included four place settings each of Lenox China, sterling silver and glass. Ann Walsh, also a graduate student, was one of the fifth place winners receiving a Lenox tea cup and saucer as a prize. Home economics students have entered the contest for four years. Each year previously one student received one of the fifth place prizes.

Two members of the staff of the School of Home Economics are on sabbatical leave for one term of the 1960-61 school year. Dr. Florence Petzel, Head of the Department of Clothing, Textiles and Related Arts is on leave for fall term, and Mrs. Marian C. Aikin, assistant professor in the Department of Family Life and Home Administration will be on leave spring term.

During her leave, Dr. Petzel will study at the University of Leeds, England. Many leaders in textile science have come from Leeds. Her plans include study and observation of textile research laboratories, college and university departments of home economics and textiles, plants manufacturing textiles, and collections of textiles in museums and the International Exposition of Decorative Arts, Milan. Dr. Petzel travelled on the Continent during the late summer.

Dr. Beth Bailey McLean, associate professor in the Department of Foods and Nutrition, began an "around-the-

world" trip in June. During the summer and her fall quarter leave of absence, Mrs. McLean visited the British Isles, 12 countries on the Continent, as well as Egypt, India, Thailand, Hong Kong, Formosa, Japan, and Hawaii. She will be in Corvallis again for Christmas.

Mrs. Aikin expects to take advanced work at the University of Oregon in the fields of education and psychology.

Mrs. Katherine Read, Head of the Department of Family Life and Home Administration, will be on a leave of absence winter term, 1961, to do some writing. She is the author of the text, *The Nursery School, A Human Relations Laboratory*.

Miss Phyllis E. Grant, assistant professor in the Clothing, Textiles and Related Arts Department, began a two-year assignment as home economics advisor at the University of Peshawar, Pakistan in January, 1960. She is with the Colorado State University team under auspices of a United States International Cooperation Administration Contract. She writes interestingly of her experiences, one of the most recent being an eventful trip to Kabul, Afghanistan. Miss Grant has joined the Pakistan Federation of University Women and has written for more information about AAUW in this country. Her address is: Colorado State University USOM/P, APO 271, New York, N. Y.

Compounds Studied

An intensive study of mysterious chemical compounds that seem to help some micro-organisms withstand thousands of times as much atomic radiation as a normal human is under way at Oregon State. The three-year project, financed by a \$24,000 grant from the National Institutes of Health, is under the direction of Dr. A. W. Anderson and Dr. Paul Elliker, OSU bacteriologists.

In the study, the researchers hope to isolate and identify certain chemical compounds that seem to make it possible for some bacteria to withstand radiation dosages of over 4 million roentgens—about 10,000 times as much as a normal human. The bacteria the scientists are studying were discovered at the OSU agricultural experiment station four years ago. Research since that time has shown the bacteria are equally resistant to normally-lethal doses of ultra-violet light and x-rays.

Since their discovery, OSU scientists have studied the bacteria's metabolism—the way they chemically use their food—and their physical structure. These studies indicated the bacteria produced chemical compounds in their every day-living processes that hadn't previously been reported as products of normal metabolism in living organisms.

This information led the scientists to believe these unusual chemical compounds may be the key to the bacteria's phenomenal radiation resistance. As

soon as they are able to isolate and analyze these compounds, the scientists plan to carry out tests to see if these compounds can be used to provide improved radiation resistance in higher forms of life.

Promising Technique

Life inside the living cell—growth, division, differentiation, senescence, and death—is being studied now by an OSU



Dr. Jones

botanist and during the coming three years with a new and promising technique for cell research.

The botanist is Dr. Leo Jones, associate professor of botany. He is one of four scientists who developed a "microculture-chamber"

method for the study of living cells of crop plants. With it, cells of various plants are grown in tiny-sealed, glass chambers. As the cells develop under controlled conditions, scientists can observe and photograph their growth and changes through the microscope.

New insight may be gained, for example, into what triggers the specialized functions of cells and whether this can be controlled by man. One big advantage that the new technique has over using fresh sections of cells cut

from a plant is that the latter are in a "state of shock" caused by the recent surgery, and, hence the cells do not grow and react as they do in the microcultures.

The new basic research project at OSU is supported by a \$15,700 grant from the division of biological and medical sciences of the National Science Foundation.

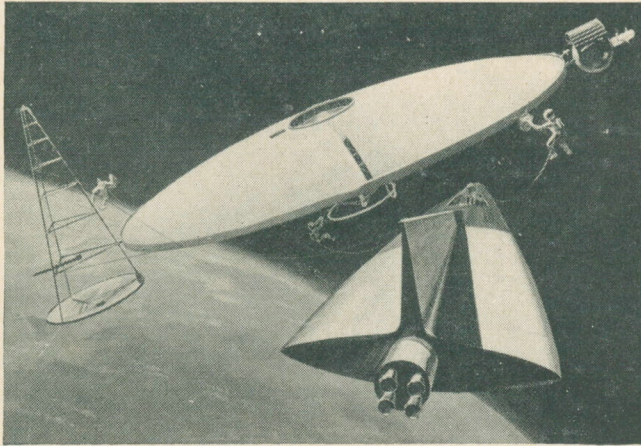
Other Research

• Research in one of OSU's chemical engineering laboratories might provide a boost for some Oregon mining operations. Dr. Robert Meredith, assistant professor of chemical engineering, is looking into the possibility of removing copper and zinc together as a sort of a "brass mine." The removal of the two together—or separately—will be done by an electrochemical process. The ores will be put into solution and the copper and zinc "pulled out" by capitalizing on the charged atom properties of the two elements.

• A new long-range research project on forest fertilizers has been started by OSU to speed tree growth. Dr. C. T. Youngberg, forest soils scientist, points out that fertilizers have helped bring tremendous advances in agriculture and he anticipates they can do the same for forestry.

• OSU's Horner museum recently received several oriental and antique items from the estate of Mrs. Louis Clarke of Portland. Outstanding pieces are two Japanese porcelain vases.

Space-age careers at Boeing



This year, engineering and science alumni will find more challenging and rewarding careers than ever at Boeing. Advanced missile and space-age programs are expanding, and the proportion of engineers and scientists to Boeing's total employment is growing steadily. Boeing programs include the Dyna-Soar boost-glide vehicle, Minuteman solid-propellant ICBM, BOMARC defense missile system, B-52G missile bomber, KC-135 jet tanker-transport, the Boeing 707, 720 and recently announced 727 jetliners, and lunar, orbital and interplanetary systems and advanced research projects. A few of the many immediate openings are listed below:

DEVELOPMENT PROGRAM SUPPORT

SEATTLE AREA

B.S. or higher in AE, CE or ME (with any amount of experience) to perform temperature analysis and conduct studies in gas dynamics, heat transfer, ablation and gas dynamics testing.

STRUCTURAL DYNAMICS

SEATTLE AREA

M.S. or Ph.D. in AE or Engineering Mechanics (with at least two years research and development experience in structural dynamics, including response and stability, dynamic analysis, dynamic analysis methods or servo characteristics) to investigate response characteristics of time-variant and non-linear systems and develop methods of analysis.

MICROWAVE SYSTEMS

WICHITA AREA

M.S. in Electrical Engineering or Ph.D. in Physics. To accomplish basic research in the fields of microwave components and transmission systems. Studies of materials and techniques to improve wave guide systems. Assignments include laboratory and analytical research.

WEAPON SYSTEMS ANALYSIS

SEATTLE AREA

B.S. in AE, EE, ME or Math (with experience in testing, design or development of missile systems or subsystems, including ground support equipment and ground operational equipment) to plan and establish procedures for evaluating the results of Minuteman ICBM weapon system testing, and assist in analyzing data evolved during test programs and prepare reports incorporating this information.

AERODYNAMICS

WICHITA AREA

M.S. or Ph.D. in Aerodynamics. For assignments in development programs involving STOL technology, performance analysis, establishment of preliminary aerodynamic configuration, stability and control predictions, supersonic engine inlet design and testing, and internal aerodynamic investigation. These programs involve preliminary design on aircraft and missile projects.

GAS TURBINE ENGINE DESIGN

SEATTLE AREA

B.S. or M.S. in ME (with 5 to 10 years experience in layout and detailed design of complex mechanical assemblies involving lubrication, thermal stress, inertia stress and assembly tolerances) to perform layout and design work on gas turbine engines and their components.

PACKAGING ENGINEERING

SEATTLE AREA

Engineers with B.S. in ME, CE or EE to design and develop industrial and military packaging for the protection of electronic equipment and missile and aircraft components. Assignments include analyzing, evaluating and testing methods, materials and techniques for the protection of fragile and intricate items.

FACILITIES EQUIPMENT ENGINEERING

SEATTLE AREA

Engineers with B.S. degrees in ME, ChemE or EE, with five years minimum experience, to provide services which include equipment design, specifications, selection and operational reliability. Equipment involved may be manufacturing process and test equipment (e.g., hydraulic functional test equipment) or electronic equipment (e.g., test equipment for air-borne electronic systems.)

CERAMICS

SEATTLE AREA

Ceramicist with Ph.D. degree or equivalent professional background to conceive and conduct investigations of the factors influencing ductility and fracture.

BASE INSTALLATIONS

SEATTLE AREA

B.S. in EE or ME (with 10 years experience in architectural or engineering design, design checking or coordination, drawing delineation or equivalent activity) to review architectural and engineering drawings of guided missile base installations and comment on design, recommending revisions, preparing cost estimates, and engage in Air Force and other outside company contact work.

COMPUTER METHODS

SEATTLE AREA

B.S. in EE, ME or Math (with 0 to 6 years applicable experience) to find new uses for and integrate new electronic digital computing equipment with existing equipment.

ANTENNA SYSTEMS

SEATTLE AREA

M.S. in Electrical Engineering or Ph.D. in Physics. To accomplish basic research in the fields of surface wave antennas or large array antennas for possible air-borne application through use of the IBM 7090 Digital Computer, 231R Pace Analog Computer and other antenna laboratory equipment. Projects include such items as antennas for omnidirectional radiation pattern coverage in both horizontal and vertical polarizations.

QUALITY CONTROL

SEATTLE AREA

B.S. or M.S. in Electrical Engineering, Mechanical Engineering, Physics, Chemistry or Metallurgy. Advanced training in Mathematics/Probability Science helpful. Establish requirements and analyze reliability performance data; correlate performance data and design specifications; design test programs based on statistical parameters; recommend changes to product design and determine the need for changes in manufacturing process.

PLASMA PHYSICS

SEATTLE AREA

Experimental and theoretical physicists with Ph.D. degree in physics for the staff of the Plasma Physics Laboratory, Boeing Scientific Research Laboratories, to conduct studies in the field of basic microwave plasma physics, transport properties of plasmas and quantum plasma physics.

ELECTRONICS AND GUIDANCE SYSTEM DESIGN

SEATTLE AREA

B.S. in EE or ME (with EE or mechanical design experience) to evaluate flight instrument requirements for the Dyna-Soar boost-glide vehicle program, perform avionics component and system engineering, prepare source control drawings or design procurement specifications, perform technical evaluation of vendor proposals, perform design and development monitoring, evaluation and qualification testing, and system avionics integration.

TEST ENGINEER

WICHITA AREA

M.S. in Aeronautical, Electrical or Mechanical Engineering. For test programs covering aerodynamic, electrical, electronic, structural and mechanism projects. Assignments require planning, development monitoring and analysis of tests in laboratories and actual flights.

STRUCTURES & MECHANICAL DESIGN

SEATTLE AREA

B.S. in CE and ME for component and assembly design for transport airplanes in developmental and production phases. Must be capable of contributing creative engineering and original ideas to airplane applications. Requirements in landing gear, controls, air conditioning, hydraulic, and structural systems.

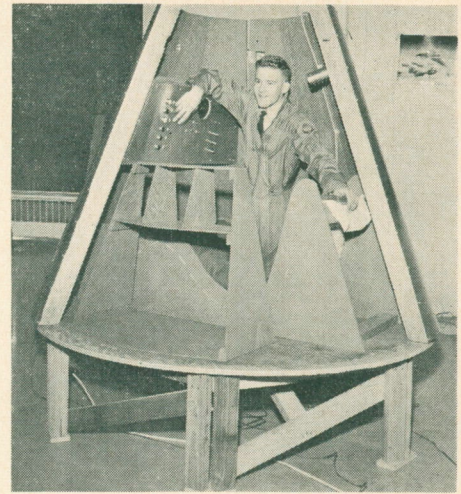
Advantages you'll enjoy at Boeing include up-to-the-minute facilities, unexcelled research equipment, insurance and retirement programs, and a company-paid graduate study program (M.A. and Ph.D.) designed to help you get ahead faster.

For further information write: Mr. John C. Sanders, Boeing Airplane Company, P. O. Box 3822 - UOS, Seattle 24, Washington.

BOEING



OSU spaceman Donald Crum "orbited" for 48 hours in space capsule. His only problem was people. AFROTC junior class took this on as class project.



Two views show inside and outside of student built space capsule. Conditions were made as similar as possible to real space capsule.



OSU Man in Space "Beat" Russian

by Dick Colby, '62

"I felt like a monkey in a cage, but I could have gone another 24 hours in there." These were the words of an OSU student, Donald L. Cram, '63, after he stepped out of a full-scale model of a Mercury space capsule built by Air Force ROTC cadets. Cram had been in the capsule for 48 hours during Dads Weekend at OSU in February.

The "astronaut," from Merced, Calif., was subjected to psychological tests during his stay inside the six by ten foot structure, a project of the AF-ROTC junior class. The tests charted his reactions to the close confinement in conditions made as similar as possible to the real National Aeronautics and Space Administration project which will soon send a man into space and back.

Cram said that people looking in through the small window in the capsule gradually "got to me," but that he felt no other discomfort. A small curtain over the window was finally pulled late in the test by the astronaut.

The junior class cadets were given the project by AFROTC detachment officers as an exercise in project planning and management. Original idea came from Lt. Col. Harold Brazier, as-

sociate professor of air science at OSU. Project advisor was Capt. William Paul, assistant professor of air science.

The astronaut was picked from the sophomore class and came from three finalists for the position of actually remaining inside the capsule from 4 p.m. Friday, February 24, to 4 p.m. Sunday, February 26.

Materials for the capsule's construction were donated by merchants in Corvallis and the Willamette Valley. Monetary donations were also made by the businessmen and the cadet juniors.

Psychological testing equipment, loaned to the cadets by the OSU department of psychology, included galvanic skin response-checking apparatus, respiratory charting devices, and reaction time and manual dexterity equipment. All of these tests were run on the astronaut in the capsule every two hours, and Cram's blood pressure was checked at four-hour intervals.

Food supplies, contained entirely within the capsule during the period, were donated by the department of food and dairy technology at OSU. The staples were "served up" in toothpaste tube-like containers adapted for the test by Dr. E. M. Litwiller, professor of food technology.

Howard Bertsch, '31, has been appointed Administrator of the Farmers Home Administration in Washington, D. C. by President John Kennedy. For the past seven years he has been with the Ford Foundation in Tehran as a consultant to the Government of Iran on rural credit and other rural development programs. Previously, he served for 20 years in Washington, D. C. and Oregon as an official of the Farmers Home Administration and its predecessor agencies.

Mr. Bertsch was born in Corvallis in 1909. He was graduated from Oregon State in agriculture and continued in graduate work at Kansas State. For a number of years he was employed with the Farm Security Administration in Oregon. In 1947 he went to Washington, D. C. and from 1949 to 1954 he was in charge of the national farm ownership and farm housing loan programs.

In 1958 he was awarded "The Order of The Crown" by his Imperial Majesty, Mohammed Reza Pahlavi, and decorated by the Minister of Education, Government of Iran, by order of the Council of Ministers, for service for Iran.

Mr. Bertsch was stricken with a heart attack in early March just after arriving in Washington from Iran. He was confined to the hospital for a short time and was released recently after making a fine recovery.

Vice President

Charles W. Leihy, '26, is vice president of McGraw-Hill Company of California with headquarters in San Francisco. The Oregon State alumnus was graduated in 1926 in electrical engineering after an active campus activity record. He was president of the senior class and Delta Kappa fraternity. Mr. Leihy was active on the Beaver yearbook and the Orange Owl, a member of the student council, National Collegiate Players, a captain in the ROTC, and was a member of several honorary societies.



After graduation he joined the General Electric Company in Schenectady, N. Y. and Seattle. In 1930 he joined McGraw-Hill Company of California as engineering editor of *Electrical West*. In 1937 Mr. Leihy went to Chicago where he operated as publisher of *Electric Light and Power and Electrical Dealer*. In 1940 he entered the military service and was graduated from Command and General Staff school in 1942 and rose to the rank of Colonel in Operations Division of the War Department General Staff.

After the war Mr. Leihy returned to

Chicago to resume his publishing activities until 1955 when he returned to California as editor of *Electrical West*. In 1958 he became publisher of *Electrical West* and in 1959 became publisher and editor of *Western Architect and Engineer*.

Mr. Brodie, as president of the 1926 senior class, is helping to organize the 1926 class 35th year reunion to be held on the Oregon State University campus June 2-3.

First Citizen



Mullen (left) congratulates Williamson

Clyde Williamson, '08, past president of the Alumni Association and presently a member of the board of directors, was honored in February as Albany's First Citizen. Mr. Williamson was revealed as First Citizen by 1959 First Citizen winner, Floyd Mullen, '28, who is also a member of the OSU Alumni Association board of directors.

Mr. Williamson's Albany community activities show why the Oregon State alumnus was selected First Citizen. He was a banker for 50 years in Albany and during that time was president of both the Oregon Bankers Association and the Independent Bankers of Oregon. He was the county's state senator in 1933 and is past president of the Chamber of Commerce and the Albany Kiwanis Club.

He was a founder of the Willamette Valley Project that promotes construction of flood control dams in the valley. He is a member of the board of directors of the Children's Farm Home, the Methodist church and the Albany General Hospital.

New Appointment

William A. Alexander, '41, of Porterville, Calif. has been appointed to the California water rights board for a four year term. The water rights board conducts investigations, holds hearings and makes decisions on rights to use water in California. The position pays an annual salary of \$18,191.

The Oregon State alumnus is 45 years old and received his civil engineering degree in 1941. From 1946 to 1950 he was employed as hydraulics engineer for the federal bureau of reclamation in Visalia and Fresno. In 1950 he was made chief engineer of the Lower Tule River Irrigation District and chief engineer of the Pixley Irrigation District in 1958.

Robert A. Prusinski, '47, has been promoted to the position of manager of operations for the Trans-Arabian Pipe Line Company, Beirut, Lebanon. He will have charge of the company's operations in four countries—Saudi Arabia, Jordan, Syria, and Lebanon.

The Oregon State alumnus started in the oil industry with the company in 1947 as an engineer. He spent considerable time on the pipeline during construction. He also served in the Beirut headquarters as senior engineer and acting chief field engineer. In 1955, Mr. Prusinski was appointed assistant general superintendent with headquarters at Turaif and in 1956 he became general superintendent at Saudi Arabia.

Another Oregon Stater, Jim Grimes, '48, is the company's superintendent of transportation in Saudi Arabia.

Stater Retires

Charles McCollum, '18, retired December 31 after almost 40 years with The National Supply Company. He was

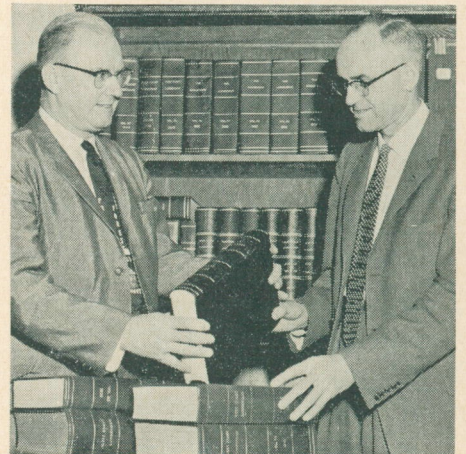


area sales manager for the Middle and Far East areas for the export division of the company. The Oregon State graduate started at the Torrance, Calif. plant in 1920. He was transferred to Toledo, Ohio in 1921; Shreveport, La., in 1922; and Houston, Texas, in 1923. Mr.

McCollum was appointed district manager at Houston in 1934, sales manager at Tulsa, Okla., in 1935, and division manager at Houston in 1937.

During World War II, Mr. McCollum served with the Petroleum Administration for War. He returned to National Supply as district manager at Houston in 1944. He was appointed division sales engineer at Wort Worth in 1947 and manager of the San Francisco office in 1948. Transferred to the export headquarters, New York City, in 1952, he became an area sales manager in 1955. Until 1958, his territory included Europe and Africa, as well as the Middle and Far East.

Mr. McCollum is a member of the OSC Alumni Association. His address is 212 E. 48th street, New York 17.



Albert Arnst, '31, (left) recently presented 43 bound sets of *The Lumberman* magazine to School of Forestry. Dean McCulloch received magazines.



Norman
Rockwell

Dad is home from a busy day . . . spent mostly in helping other Dads. Showed one father how to be certain there will be money for college when his kids need it. Helped another man make sure his wife will have an income as long as she lives. Guided another in planning a worry-free retirement. Worked with another father in making sure his son will inherit his business. Important, satisfying work.

He's a Massachusetts Mutual man. Like the doctor and lawyer, he fits his services to each

client's needs. And, like these professional men, he brings to his work thorough training, discretion, understanding — and a readiness to put in extra hours when it will help.

Somehow he finds time to be a good citizen, too. Glad to do his share of the community work that makes his town a fine place to raise a family.

He's got to be good — to be good enough for Massachusetts Mutual. And he's at your service.

MASSACHUSETTS MUTUAL *Life Insurance Company*

SPRINGFIELD, MASSACHUSETTS • ORGANIZED 1851

Some of the West Coast Group alumni in Massachusetts Mutual Service:

U. OF CAL.

- John F. Curtis, '28, Los Angeles
- Harry E. Schultze, '49, San Francisco
- Philip J. Marcus, '55, Oakland
- David E. Smith, '56, Los Angeles
- Ronald B. Bucknam, '60, Oakland
- Julius S. Hauso, San Francisco

U. C. L. A.

- Robert L. Woods, C.L.U., '33, Los Angeles
- Burton R. Poore, '42, Bridgeport
- Lloyd G. Hild, C.L.U., '47, Los Angeles
- Donald M. Tippett, C.L.U., '47, Los Angeles

Tommy B. Hoffman, '50,

- Panorama City
- Harold F. Schwabenland, '50, Los Angeles
- Donald A. Stephens, C.L.U., '51, Albuquerque
- Robert H. Meyer, C.L.U., '53, Santa Monica
- Norman Berg, '54, Los Angeles
- James D. Hughes, '54, Los Angeles

OREGON STATE

- Paul J. Covey, '47, Albuquerque
- Clarke W. Cabbage, '57, Portland, Ore.
- Robert A. Berlik, '57, Portland, Ore.

STANFORD

- Edward Neisser, '26, Los Angeles
- Lucia C. Mitchell, '28, Syracuse
- Thomas W. Cordry, Jr., '33, San Francisco
- Fred R. Miner, '40, Stockton
- Jacob E. Way, '44, Waukegan
- William W. Davies, '48, Los Angeles
- Joseph F. Monasta, '48, San Jose
- Robert H. Woodward, Jr., '49, Palo Alto
- David C. Englehart, '53, Portland, Ore.

U. OF OREGON

- Carlo A. Ada, '42, Portland
- Hjalmer J. Erickson, Jr., '49, San Diego
- Jack E. Young, '54, Honolulu