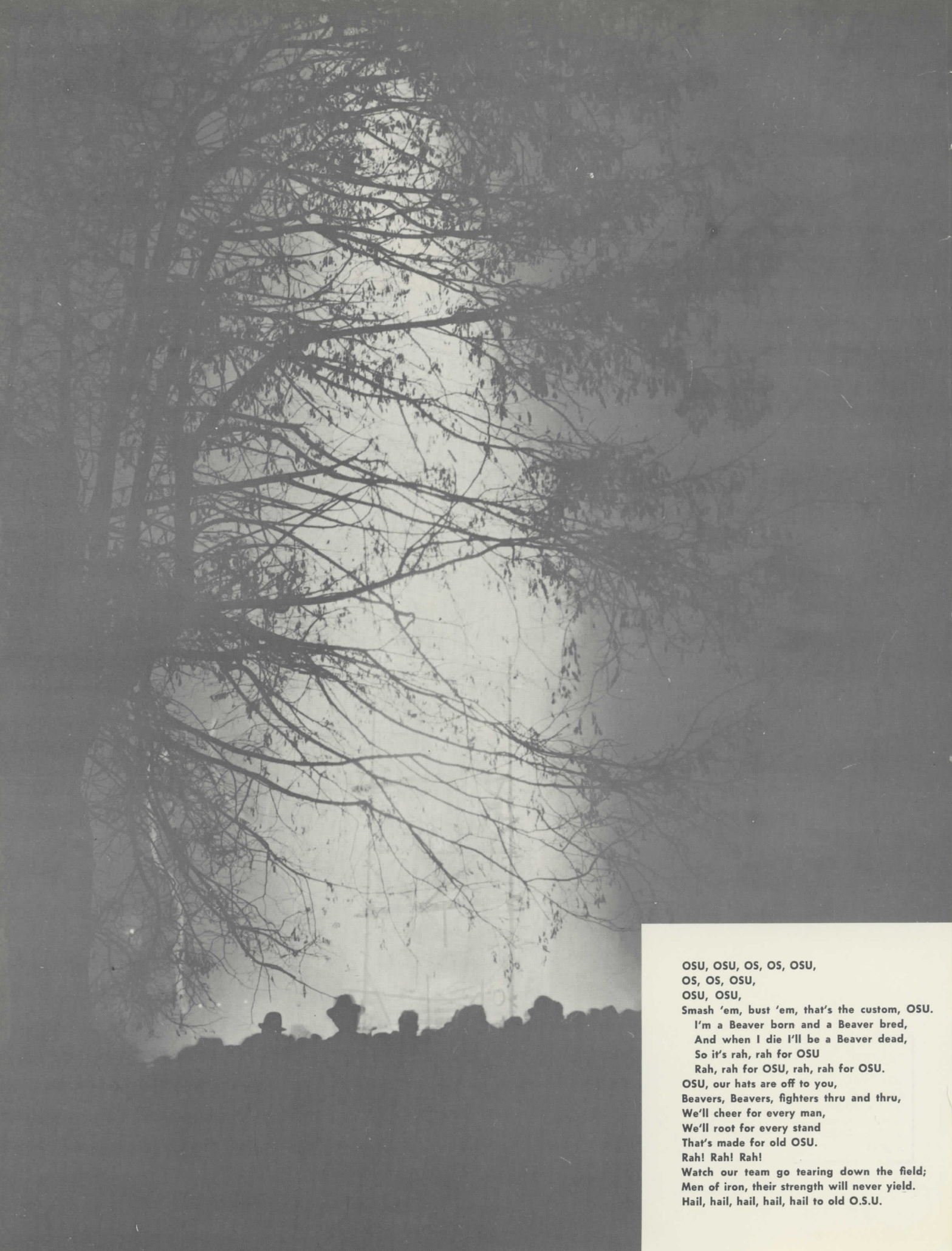


the
OREGON
STATIAN

Volume 26
Number 1
September-October
1964

Angus Bowmer at OSU---page 8





OSU, OSU, OS, OS, OSU,
OS, OS, OSU,
OSU, OSU,

Smash 'em, bust 'em, that's the custom, OSU.

I'm a Beaver born and a Beaver bred,
And when I die I'll be a Beaver dead,
So it's rah, rah for OSU

Rah, rah for OSU, rah, rah for OSU.

OSU, our hats are off to you,
Beavers, Beavers, fighters thru and thru,
We'll cheer for every man,
We'll root for every stand
That's made for old OSU.

Rah! Rah! Rah!

Watch our team go tearing down the field;
Men of iron, their strength will never yield.
Hail, hail, hail, hail, hail to old O.S.U.

Table of Contents

- 4 News of the campus
- 8 **Bowmer's Shakespeare Comes to OSU**
 Angus L. Bowmer, founder and producing director of the Oregon Shakespearean Festival, will teach fall term at OSU.
- 10 **Seventeen Proud Keene Years**
 R. S. "Spec" Keene retires after serving the school as athletic director, coach, student and ambassador.
- 13 **What Kind of Publicity?**
 Have you ever felt that Oregon State University isn't getting its share of publicity?
- 14 **OSU's Long Range Development Plan**
 How the Oregon State campus will appear in the future is shown on a 2-page map.
- 16 **A Different Look at Football**
 Coach Tommy Prothro writes of football and football players as he sees them.
- 17 **Beaver Football**
 Athletic Publicity Director John Eggers reports on football at OSU.
- 18 **Alumni in the news**
- 21 **News of former classmates**

volume 25 number 1 sept.-oct. 1964

the oregon stater is published September-October, November-December, January, February-March, April, Summer (August), by the Alumni Association, 104 Memorial Union, Corvallis. Entered as second-class matter at the Corvallis Post Office October 1, 1940, under Act of March 2, 1879. Subscription price is \$4.50 a year.

Chuck Wenstrom, editor

editorial:

An Oregon State Look At An Oregon Goal

The following appeared on the front page of the *OSU Daily Barometer* of October 8. The figures since that time have been updated to give final enrollment figures, which show the same trend. The article was written by Alice Pitney, '66, feature editor of the *Barometer*.

Fall term enrollment at the University of Oregon edged ahead of Oregon State University for the first time since 1933.

Figures show the U. of O. is 114 students ahead of OSU's 10,531. Registration ended Friday, October 9.

Perhaps OSU must admit to being smaller in terms of enrollment figures than her sister school to the south, but a closer examination and breakdown of these numbers reveals some very interesting facts. The final total registration figures do not tell the complete story.

A breakdown of totals for each school show an obvious difference in terms of classes;

	OSU	U. of O.
Freshmen	2737	2575
Sophomores ..	2456	2749
Juniors	1872	1523
Seniors	2042	1476
Graduates	352	2214
Special	72	108

The biggest difference occurs in the numbers of students enrolled in the graduate schools. The U. of O. has 748 more grads. Why this tremendous difference?

An examination of the graduate admission requirements of both schools seems to point to the answer.

Last year OSU raised the grade point average requirement for admission to grad school to a 2.75 gpa. Those students with less than a 2.75 can appeal to the Graduate Admission Committee for consideration. OSU admitted 842 students into the graduate program and denied admission to 747 this fall.

At the U. of O. anyone with a Bachelor's Degree may be admitted into the so-called "class 5" section of the graduate program. After taking no more than 15 hours of graduate work, the student must take a departmental examination before being formally admitted to "class 6" or actual graduate studies. A 2.50 gpa is required for admittance into "class 6."

With graduate requirements substantially lower at the University and if the present enrollment trend continues, OSU may never again lead in total enrollment figures.

But should OSU sacrifice academic requirements just to become the largest state university in Oregon?

Another cause for the U. of O. passing OSU in enrollment this fall is in the large number of part-time students (those registered for 7 or less credits), OSU had 219 last fall while the U. of O. boasted 1,104 such students.

The metropolitan community surrounding the University naturally would encourage part-time students and the curriculum (liberal arts) attracts housewives and those persons wishing to "better" themselves intellectually. Engineering, forestry, and agriculture are not nearly so conducive to part-time students at OSU.

But if only those students taking at least 15 hours per term (called full-time equivalent—FTE—students, by which money is allocated to the schools) are counted in the total enrollment figures, a very interesting fact is revealed.

	U. of O.	OSU
Head count....	9982	10,427
FTE	9395	10,467

These are last fall's figures. (The difference between OSU's 10,427 and 10,467 shows that OSU students, on the average, register for above 15 hours each term and for which Oregon State is allocated the additional funds.)

In the admission of foreign students to both universities, another discrepancy occurs.

Foreign students at the U. of O. are admitted through the Director of Admissions. This one person has the sole responsibility for deciding entrance. Foreign students at OSU must be considered by an undergraduate committee before admittance.

It is curious indeed to note that in areas where the State Board of Higher Education governs the requirements of state universities, OSU has a higher enrollment; where the individual schools set their own standards, the U. of O. has more students.

Also in compiling this report and in gathering the statistics, the Registrar's office at OSU had available information on *yesterdays* (Oct. 7) enrollment figures and breakdowns, while the university with the largest enrollment had figures available only from Saturday (Oct. 3). Why the difference?

Campus

Yaquina Commissioned

One exciting era in ocean research off Oregon ended recently when the research vessel, Acona, was transferred to University of Alaska. Another began Sept. 28 with commissioning in Portland of the new ocean ship, Yaquina.

The Yaquina is five times larger than the Acona and will make it possible for Oregon State to further expand its oceanography research.

But the Acona made a tremendous contribution in its three years of service. The 80-foot vessel was out in all kinds of weather on its fact-finding cruises, and played a key role in providing the first detailed information about the ocean off Oregon.

The Acona, commissioned in May 1961, was out on the ocean 197 days last year as the Oregon State scientists worked on some 30 different but related research projects involving ocean currents, sea water chemistry, inventories of plant and animal life, tracing of radioactive elements and organisms, pollution problems in coastal estuaries, ocean floor life, and the earth's crust under the ocean.

It was built with a \$250,000 grant from the Office of Naval Research, which picked OSU in 1959 as one of 10 schools in the nation to conduct a vast 10-year program of research in waters surrounding the United States.

The Yaquina will have much greater all-weather capacity and range of operation; its 30,000-foot winches will extend down into the ocean depths nearly twice as far as those on the Acona; it has space for 20 scientists compared to 8 on the Acona; and it has bigger and better research equipment and more specialized laboratories for different types of studies.

The Yaquina was built during World War II at a cost of \$1,200,000 as an aircraft maintenance and supply ship. It has been in "moth balls" since the war and was converted into an ocean research vessel this summer in a Portland shipyard at a cost of about \$770,000.

Funds for the conversion came from the National Science Foundation.

New Honors Program

An honors program was started this fall by the School of Humanities and Social Sciences to "enrich educational opportunities for the more able student and to recognize scholarly achievement."

Under the honors program, students take special courses and reading programs, enroll in honors sections in some departments, and are allowed to move into advanced courses more rapidly.

To qualify, students must have demonstrated their ability to do superior work in English, mathematics, history and languages. Sophomores who made outstanding records last year are being invited to apply for the honors program, along with some selected juniors and seniors.

Entering freshmen may apply on the basis of outstanding high school records or outstanding scores on college placement

tests. Students will be expected to maintain a B average to remain in the program.

At graduation, students will receive diplomas that indicate completion of the special honors program.

Five departments have honors sections this fall. They include economics, English, history, modern languages, and political science. Other departments are expected to add honors sections in the coming years.

The Humanities and Social Sciences honors program has many of the same features as the highly-successful honors program started five years ago by the OSU School of Science. Some aspects of the two programs will operate on a joint basis.

Pharmacy Expands

Pharmacy school facilities will be vastly improved this coming year, bringing them up to date with courses of study that have been used as a pattern on a nation-wide basis.

The facilities improvement program include addition of a new wing that will be almost as large as the present building, according to Dr. Charles O. Wilson, pharmacy dean. Remodeling of the 40-year-old present building also is planned. Total cost of the project will be \$690,000.

The OSU Pharmacy School is the second largest west of the Mississippi and tenth in the U. S. in enrollment. It was one of the first three in America to require five years of work for a pharmacy degree—a requirement now in effect at all U. S. pharmacy schools.

About half of the 1300 practicing pharmacists in Oregon today are OSU graduates. This year, about 400 are expected to be enrolled in pharmacy including about 50 women.

Halls Renamed

New names and changes have been approved for four Oregon State buildings.

The student health service building will be named the *Erna Plageman Infirmary* in memory of the former assistant director who helped plan the original building in 1936 and who worked there until her death last January.

The old library building will be named *Kidder Hall* in memory of Ida Kidder, former librarian, who helped plan the structure and who was on the OSU staff from 1908 to 1920.

The former Kidder Hall—home of the art and modern languages department—will have its name changed to *Fairbanks Hall* after J. Leo Fairbanks, OSU art department head from 1923 until his death in 1946.

The Mines Building will now be known as *Batcheller Hall* in memory of James H. Batcheller, professor of mining engineering. He was on the staff from 1928 until his death in 1946.

Teaching Careers

A total of 324 June graduates are on the other end of the classroom—teachers instead of students.

Of the 324, 221 are teaching in Oregon and 103 in other states. Most of the 103 are in adjoining states—particularly California—but some are teaching in Alaska, Hawaii, Georgia, Washington D. C. and other distant sections of the country.

The report on teaching plans of the 1964

graduates was prepared by Mrs. Kathryn H. Smith, director of teacher placement.

In addition to helping place June graduates in their first teaching positions, her office also assists graduates of other years to find new and better jobs in teaching and school administration.

All told, the OSU teacher placement office assisted 976 persons this year, 9 percent more than a year ago. School superintendents from across the country come to the OSU campus for interviews with prospective teachers.

Department Renamed

The Department of Fish and Game Management has been re-named the Department of Fisheries and Wildlife.

OSU President James Jensen, in recommending the change, said the new name more properly describes the nature of the mission of the department. Training and research programs extend beyond the limitations imposed by the word "management."

Dr. Thomas Scott, head of the department, noted that the term "wildlife" includes all living things that are neither human nor domesticated. "Fisheries" has been added to the new title because of the major importance of fishery resources in the department's work.

Along with the name change, Dr. Scott said renovation of present department facilities is underway because of the great increase in student enrollment and expanding research needs.

Since 1960, undergraduate student enrollment (272 last year) has increased by about 25 percent and graduate enrollment, 35, has nearly tripled. The department is the largest enrollment-wise in the School of Agriculture and is one of the largest in the nation.

OSU Riding Pavilion

A gift of \$500 intended to serve as the spark for a fund-raising campaign to construct a \$130,000 riding pavilion and horse barn at Oregon State University has been presented to the OSU Foundation.

Dr. James H. Jensen, OSU president, received the gift on behalf of the OSU Foundation from Claudia Stoner of Santa Maria, Calif., senior in business and technology and 1964 president of the OSU Riding Club.

Each February the OSU Riding Club sponsors a light horse show. A portion of last year's profits made up the \$500 donation. The club is composed of students who are registered in the equitation classes.

There is now more than \$1,000 in the riding pavilion fund. A \$500 gift for the same purpose was raised a number of years ago by students in animal husbandry.

According to Dr. J. C. Miller, head of the OSU Department of Animal Science, the light horse program at OSU has grown "like Topsy." Simultaneously, the university has grown until expansion of the physical plant has almost completely absorbed the land formerly used for pasture by horses.

The obsolete horse barn is now surrounded by green houses and other new developments. With the run-down condition of the present horse barn, it would be impossible to save the green houses with their valuable research materials should the barn catch fire.

The proposed \$130,000 structure would

include a 150 x 200 foot arena, a 38 box-stall horse barn and a feed storage area.

New Activity Center

A new activity center is now being used by student organizations following remodeling this summer in the Memorial Union. It is the campus center for student affairs.

The new center is in the area formerly occupied by the art galleries at the east end of the ground floor of the Memorial Union.

It includes student body offices, Memorial Union student president office, offices of other student organizations, and the offices of the M.U. manager of student activities, Irwin Harris, and program consultant and social adviser, Mrs. Mary Ruth Fechtig. Mrs. Fechtig replaced Mrs. Tracy Johnson who retired this summer.

Mrs. Fechtig is a graduate of Southern Illinois University and earned her B.A. and Masters degree in the college of Higher Education, majoring in guidance and counseling. She was formerly employed in the OSU Counseling Center and served the past year as counselor with the Benton County Juvenile department.

The new center is under the administration of the Memorial Union Board of Directors. Scheduling of all student events will be maintained in the center, plus all services related to student activities and organizations.

Art exhibits will now be displayed in the main concourse and main lounge, according to George Stevens, M.U. director.

Student Financing

About one out of every three students at Oregon State is totally self-supported, according to surveys made by the registrar's office.

Approximately 70 percent of the men students report they are at least 50 percent self-supporting and about 30 percent of the women.

Student financial aids are provided by the University in the form of employment help, loan and scholarship programs.

Last year, the employment office found part-time jobs for 1,030 men and 780 women students. Their total earnings were estimated at \$108,000.

About 800 scholarships will be given this coming year to OSU students, the largest number in history.

4-Eyed Fish Found

A four-eyed, deep-sea fish that is considered the most remarkable ever found has been reported by an Oregon State University biological oceanographer, Dr. William G. Percy.

The fish has two eyes on each side of its head. The large main eyes are directed upward and ahead. The secondary eyes are protrusions from the main eyes and point downward and slightly to the rear. Percy believes the accessory eyes may be useful to the fish in detecting luminescent prey or predators beneath.

The 19-inch fish, largest fish of this species reported in the scientific literature, was collected in April 1962 during a nighttime trawl off the OSU research vessel, Acona. Percy is in charge of a university research project on ecology and migrations of deep-sea life in the ocean off Oregon.

He waited until now to report the finding awaiting a complete examination of the fish and verification that it was truly four-eyed.

Percy consulted with Dr. S. L. Meyer of the University of Oregon Medical School Ophthalmology Department. Their microscopic studies showed that the protrusions were indeed eyes complete with their own retina and lens. Some so-called four-eyed fish reported in the past have only one lens with two separate eye pupils.

The fish is a rare species occurring in the North Pacific Ocean. It was first reported and named in 1958.

Percy is not certain on the depth at which the fish was taken because it was collected in an open net pulled behind the boat at depths that range down to 1,000 meters. It is likely, he believes, that this fish, like many other deep-sea animals, stays several hundred meters deep in the water during the day and comes to the surface at night.

Dr. Ole Munk of the Institute of Comparative Anatomy, Copenhagen, Denmark, independently made the same discovery with a small fish about the same time as the OSU four-eyed fish was collected. After contacting Percy, it was decided that Munk and Dr. Meyer will be co-authors with Percy on the paper, now being prepared for publication, that reports the findings.

Ed. Hall 'Facelifting'

No, it's not a black day for education. It's just education in the black.

At first it looked like an ordinary cleaning job. Sandblasting equipment sent powdered rock roaring against the side of the 62-year-old building. And Education Hall took on a gleaming new hue.

Then it happened. One side at a time, the building turned jet black. But it didn't last long. Before one could name the many teachers that once trooped her halls, the building was returned to its natural clean sandstone color.

What actually happened was too much moisture permeating into the structure causing serious wall movement, which in turn resulted in interior damage.

At first it was difficult to determine the exact cause. So Richard Adams, director of the Physical Plant at the University, and

architects from the Portland firm of Bear, McNeil, Schneider, Bloodworth & Hawes were called into the case. More advice was needed and it came in the person of Consulting Engineer Stan Carlson, also of Portland. And if that wasn't enough help, count the services of Pittsburgh Testing Laboratories in Eugene, where samples of the building stones were sent for testing.

They all arrived at the same conclusion. The 18-inch thick stone walls were gathering water in the outer 6 inches to the extent of causing irregular expansion of the stone.

To correct the situation the walls were sand-blasted and then sealed with a special



black, plastic-based paint that, at first, shocked the uninformed observer.

The final two coats of paint returned the building to its original color. Everything was back to normal when a new group of future teachers returned to campus this fall.

800 On Scholarships

Approximately 800 students are attending Oregon State this fall on scholarships. These scholarships recognize scholastic achievement for the most part, but some study grants are for students who otherwise could not attend college.

The study grants range in value from \$50 to \$1,000 and are sponsored by numerous individuals, industries, organizations, student groups, and by state and federal government.

Venison Care Listed

Is the venison on your dinner table this fall the mouth-watering, taste-tempting treat it should be?

The eating quality of deer meat is in direct proportion to the care given the carcass immediately after the deer is shot, points out Andrew Landforce, extension wildlife management specialist at Oregon State.

The quicker the meat is cooled the better, according to Landforce. You should skin the deer as soon as circumstances permit. Ideally, the deer should be field dressed and immediately taken to camp, home or to the cold storage plant to be skinned. Landforce says this is the cleanest way to handle the meat.

However, if you can't get your deer into camp or home right away, there are several things you can do to insure good quality venison. In Western Oregon, where trees are plentiful, dress your deer, hang it in a tree, and skin it at once. Split the carcass in half, but leave the neck vertebrae connected to balance the halves while hanging.

It is best to let the carcass hang until the meat is no longer sticky. Dry meat is easier to keep clean. If the meat is hung over night, the cold will cause a glaze to form over it, which helps keep the carcass clean.

If you can't find a tree to hang the deer in, you may skin it out while it is lying on the ground, says Landforce. Use the hide and meat sacks to keep the meat clean while skinning. After the skin is off, quarter the carcass and put the pieces in individual meat sacks. If you can't get the meat back to camp right away to hang it up, lay it on poles or rocks on the ground, to allow for air circulation to cool the carcass more quickly.

As soon as you reach your destination, hang the meat in a cool, dry place. The cold storage locker provides an ideal place for cooling and aging meat, but a lot of good venison has been hung in cool garages or other storage places.

It is always best to let the meat hang and thoroughly cool before moving it. When a glaze forms over the meat, it can be kept cleaner and handling is much easier.

Deer will eventually cool out when hung with the hide on. This is not recommended, but if circumstances make it impractical to skin the deer out immediately, by all means hang it and let it cool as quickly as possible.

Faculty

Dr. William E. Sandine, associate professor of dairy microbiology, was honored recently by the American Dairy Science Association for his outstanding contributions in cheese research.

Dr. Sandine was named as winner of the 1964 Pfizer Paul-Lewis Award pertaining to cheese research. He received a plaque and \$1,000 at the ceremony at University of Arizona at Tucson.

The award is made annually to recognize outstanding accomplishments and to encourage research in chemistry, biochemistry, bacteriology and engineering pertaining to the cheese industry.

Dr. E. A. Day, professor of food science and technology, has been named winner of the 1964 American Chemical Society Award in the Chemistry of Milk.

The ACS award of \$1,000 and a gold medal recognizes and encourages outstanding research achievements in the chemistry of milk and is sponsored by The Borden Company Foundation, Inc., New York.

This is the second \$1,000 national award the 35-year-old OSU professor has received this year for outstanding research achievements in the food field. In May, Day was picked as the top young scientist working in some area of food research by the Institute of Food Technologists.

Dr. Leo W. Parks, 33-year-old microbiologist who is gaining wide attention for his work on microbial metabolism and genetics, has been named winner of the 1964 Basic Research Award of the Oregon State University Agricultural Experiment Station.

The \$200 award and plaque are given to encourage outstanding work in basic research. Selection of Parks for the 1964 award was announced by F. E. Price, dean and director of agriculture, on recommendation of the Agricultural Experiment Station basic research committee.

Dr. James E. Oldfield, professor of animal science, has been named winner of the annual OSU research award sponsored by Sigma Xi, national research honorary.

The award is given each year to a staff member who has made significant research contributions. Oldfield was cited for his work in animal nutrition and deficiency diseases in animals.

His findings and publications on mink and swine nutrition and on white muscle disease and nutrition in livestock have attracted wide attention.

Irwin Harris '41, at the end of his 20th season as varsity tennis coach, announced his retirement last spring. **Don Megale '53**, 32-year-old associate professor of physical education, was named as his replacement.

Increased responsibilities as manager of the new Student Activity Center in the Memorial Union resulted in his decision to drop the tennis coaching post, Harris said.

His net teams won 154 matches while losing 53. His squads hold a big edge over every northern division rival except Washington. His record against arch-rival Oregon is 30-7.

Harris took his teams to the NCAA national tournament five times and the 1962 club tied for 13th in the nation at Stanford.

Megale, who during his college days at OSU was coached by Harris, is a native of Coos Bay, Oregon. He was basketball and tennis coach at Klamath Falls high school. In 1958 his Pelicans won the state championships in both basketball and tennis.

Megale has been on the OSU staff since 1959.

Thomas Onsdorff, another of the "pioneers" on the Oregon State faculty, recently joined the ranks of the "emeritus" at retirement age 65.

Onsdorff, a member of the Department of Food Science and Technology staff, was working on the campus before organization of the department. It grew out of the Department of Horticulture.

Today, the OSU Food Science and Technology Department is not only one of the oldest in the U. S. but one of the largest and most highly-regarded. Onsdorff has combined teaching and research assignments over the years.

Mrs. Irene Butts, recently retired teacher from the OSU English staff, has been teaching Corvallis youngsters authentic folk dances every Saturday for the past 12 years.

Mrs. Butts moved to Claremont, Calif., and to say farewell her students, many of them now grown, gathered for a potluck dinner and dancing on the green at Avery park.

A large purse filled with gasoline money for "a return trip to Corvallis" was presented to her by the 90 persons present. Then, each boy and girl presented her with a handmade farewell card.

Robert L. Phillips, associate professor of speech, has been appointed director of the OSU Summer School. The appointment was effective with the start of the new school year.

Phillips succeeds **Franklin R. Zeran**, dean of education, as head of the rapidly-growing summer program. Dr. Zeran has been in charge of summer school since 1949 in addition to his duties as dean of education.

In the new assignment, Phillips will devote half-time to summer school planning during the regular academic year and full-time during the summer. He will continue half-time on the speech department faculty during fall, winter and spring terms.

Dr. Richard M. Highsmith, Jr. has been named acting chairman of the Department of Natural Resources and geography programs for 1964-65 school year.

He replaced **Dr. J. Granville Jensen** who will be on sabbatical leave.

Highsmith has been a member of the OSU staff since January, 1947 and has become internationally known for his books and contributions to geography journals.

Rodney K. Waldron, associate librarian, has been named first vice president and president-elect of the Pacific Northwest Library association. He will become president of the 800-member association in 1965.

The association is composed of librarians at colleges and universities and school and public libraries in Oregon, Washington, Idaho, Montana and British Columbia.



You get 'Blue Chip' service with 'Blue Chip' insurance

...and it's low in net cost, too

Maybe you've noticed him—a man in your community sporting a blue chip. That blue chip in his lapel is more than mere decoration. It distinguishes the agent of Connecticut Mutual...a life insurance *career* man, trained to give you wise guidance and the most for your money in family protection, personal retirement programs, business insurance, pension and profit-sharing plans.

Another Blue Chip plus: he represents a 118-year-old company whose record of higher dividends has meant *lower net cost* for its policyholders.

Discuss your life insurance with the man with the CML Blue Chip. He'll give you nothing less than Blue Chip service!

THE Connecticut Mutual Life
INSURANCE COMPANY • HARTFORD AND 300 CITIES FROM COAST TO COAST

Your fellow alumni now with CML

Dave C. Baum	'42	La Grande, Ore
James B. Keith	'30	Santa Barbara, Calif.
Ted O. Miller	'59	Portland, Ore.
Jack W. Thurber	'61	Portland, Ore.
M. Edwin Woodcock, Jr.	'40	Portland, Ore.

by H. E. Childs
Professor of English



During the Fall term of 1964 Dr. Angus L. Bowmer will be Visiting Professor of Drama at OSU. He will direct a production of Shakespeare's *Hamlet* December 1 to 5 and conduct a seminar in the methods of producing Shakespeare.

Bowmer, as many Oregonians know by now, is the Professor of Drama at Southern Oregon College who has attained nation-wide fame as Founder and Producing Director of the Oregon Shakespearean Festival at Ashland, the oldest Shakespearean festival in the western hemisphere. His activities in Corvallis will constitute the University's recognition of the 400th anniversary of the birth of William Shakespeare.

Not even elderly citizens of Corvallis can remember an event similar to Bowmer's visit. Corvallis is changing its appearance, perhaps more rapidly than any other town in Oregon. The new outer look is caused primarily by the profound inner changes taking place in the University. Better informed writers can tell Oregon State readers just how the University's new buildings make the University look different. Professor Bowmer's visit is evidence of the new spirit within OSU.

It is evidence of the efforts of President Jensen, Dr. E. S. Volkart, Dean of Faculty, Dr. Gordon W. Gilkey, Dean of Humanities and Social Science, and other high officials to recognize the liberal arts at Oregon State University and to increase the attention paid to them. Future historians of the University may consider these efforts to be among the most profound changes in its first century of service and thus the early 1960's to be some of its most significant years. Other staff members have cooperated in the specific plan to bring Dr. Bowmer to OSU. Among them should be listed Drs. H. B. Nelson and John W. Keltner, chairmen of English and Speech, and Professors D. Palmer Young and Everett Cortright of the Department of Speech.

With Dr. Bowmer's consent, the dwellers in these high echelons have decided to open up both the production of *Hamlet* and the seminar to all citizens as well as to OSU students. Dr. Bowmer will thus be the center of a cooperative venture whose purpose will be to obtain pleasure and knowledge from honoring William Shakespeare. During the summer certain members of the flourishing Corvallis Readers' Theater and other citizens were worriedly taking thought: should they try out for *Hamlet*, and if so, for what roles? The results should be interesting, and the actors, students and townspeople, will probably play to packed houses.

Angus L. Bowmer comes to Corvallis with many years of experience in producing, directing, and acting in Shakespeare as well as in other drama. The publicity sheet of the Shakespearean Festival mentions 101 productions of all 37 plays of the canon. In these Bowmer has directed 12 plays in 34 productions, and he has played 31 roles in 37 separate stagings. As an actor he is perhaps best known for his Shylock, having played the part ten times—the tenth during the season of 1964—nine of the performances at Ashland. During 1964 he also directed the Festival's *King Lear*. Mr. Bowmer's Shylock is a happy me-

Bowmer's Shakespeare Comes to OSU

dium. He avoids both the sentimental character made notable by Henry Irving in the 19th century and also the vicious Jew who would bring charges of anti-Semitic prejudice. It is difficult to imagine so genial a person as Mr. Bowmer creating anything but a genial, pleasant, but fundamentally serious Shylock.

During recent years Professor Bowmer's honors have come thick and fast. He is a member of the National Shakespeare Anniversary Committee and of the Committee for the National University Theater Festival. He is a life member of the International Institute of Arts and Letters. The University of Oregon has honored him with its Distinguished Service Award, and in 1964 he received the Edith Knight Hill Award for distinguished service to Oregon. During 1959 he held a Ford Foundation Fellowship for study abroad. He has twice appeared as guest artist and lecturer at Portland State College, playing both Shylock and Sir Toby Belch. He is an honorary Doctor of Fine Arts of the University of Portland.

Professor Bowmer began his career at the University of Washington, where he acted in *Love's Labour's Lost* under the direction of B. Iden Payne, then as now one of the great Shakespearean directors. One of Bowmer's best stories is his account of arriving at Southern Oregon College during the depression and finding that he had to teach English composition as well as Drama. Perhaps it was as a refugee from theme-grading that he caught a

glimpse of the walls of the old Chautauqua building in Ashland that reminded him of pictures of Shakespeare's Globe Theater. Thus came the vision of producing Shakespeare in the Elizabethan style, the first performance of the Festival in 1935, and all the subsequent development.

Now in 1964, the anniversary year, the Festival celebrated the 400th year in its own 24th season with its longest run of 58 performances plus a preliminary season of 12 performances at Stanford University. The theater, the third of Bowmer's Elizabethan theaters on the same spot of ground, is probably the largest and best equipped Elizabethan theater in the world. (The great professional festivals in the eastern United States and Canada do not perform in Elizabethan theaters, nor is even the theater in Stratford-upon-Avon an Elizabethan theater.)

It all began as a gleam in Bowmer's pleasant blue eyes. Its success has depended, only on his abilities as actor and producer, but also on his genial capacity for liking human beings and getting them to work together—a great quality in itself when you remember the often difficult temperament of theater people.

Corvallis friends will be especially pleased to entertain Mrs. Bowmer as well as her distinguished husband. Officially listed on the Festival rolls as Secretary to the Producing Director, she is also his gracious, patient, and untiring assistant in all other ways.





Seventeen Proud Keene Years

On September 19, 1964, Roy S. "Spec" Keene listened to a radio broadcast of an Oregon State Beaver football game for the first time in 17 years. The game, with Northwestern in Evanston, Illinois, started a new football season, a new academic year, and a new athletic era at Oregon State.

Spec Keene retired as Oregon State's athletic director July 1. He held the position since March 1, 1947.

His leadership at Oregon State was a brilliant one. Under his directorship Gill Coliseum for basketball, Parker Stadium for football and Bell Field for track moved from a big dream to reality. The Coliseum seats 10,200; the Stadium holds 28,000, with plans being discussed for an addition of 7,000 sideline seats.

And it was a "stable reign." In 17 years he hired only two football coaches, Kip Taylor and Tommy Prothro, and two track coaches, Hal Moe and Sam Bell.

Spec has often said, "My endeavor is to see the athletic department and its program compare favorably with the caliber of other educational aims and schools at Oregon State." That he has been successful goes without saying.

"I've taken pride in the fine staff I've had, and that includes office personnel as well as coaches. I don't know whether I've been lucky or not, but we've sure had an enthusiastic bunch."

There have been trying times, too. To Spec, the breakup of the old Pacific Coast Conference was a big disappointment.

"The most trying thing to me was the readjustment to being an athletic independent. However, it turned out very satisfactory in the end. Oregon and Oregon State proved you could survive as an independent."

Spec was first attracted to Oregon State as a student in 1916. He earned his degree in animal husbandry in 1921, following 19-months of World War I duty with the 41st Infantry Division in Contres, France. Before he departed the Corvallis campus, he not only served as student body president, but formed the committee which put in motion plans for the Memorial Union.

That Memorial Union resulted, as surely as did Parker Stadium and Gill Coliseum, is part of the legacy Keene left Oregon State in concrete, bricks and steel girders.

The legacy he leaves OSU and state athletics is not nearly as easy to see or define, but they are there and just as satisfying.

Keene and athletics formed a natural partnership at

old Salem High School. Before he graduated in 1915, he had earned 13 letters—four in football as an end, four in basketball as a center, four in baseball as a pitcher-shortstop, and one in track as a sprinter.

He had one other keepsake from his prep days, the nick-name "Spec."

"Leon (Doc) Barrick, now living in Salem, gave me that," Keene recalled. "It happened one day when I was playing shortstop and he was at first base. He told me my throws looked like "specks" coming at him. Isn't that a heck of a way to get a nickname?"

His high school accomplishments attracted more than local interest. Pittsburgh, for instance, was interested in his athletic services, but Keene and a Salem High teammate, Billy Reinhart, chose Missouri Wesleyan at Cameron, Missouri.

That's the same Billy Reinhart who later played and coached basketball at Oregon and recently completed his 22nd year as the George Washington cage boss. Reinhart's cousin, Bill Pixlee was the football and basketball coach at Missouri Wesleyan, and both stayed with him during this first year of college.

"Today, the college doesn't even exist," Keene mused. "It consolidated with Baker, Kan., University."

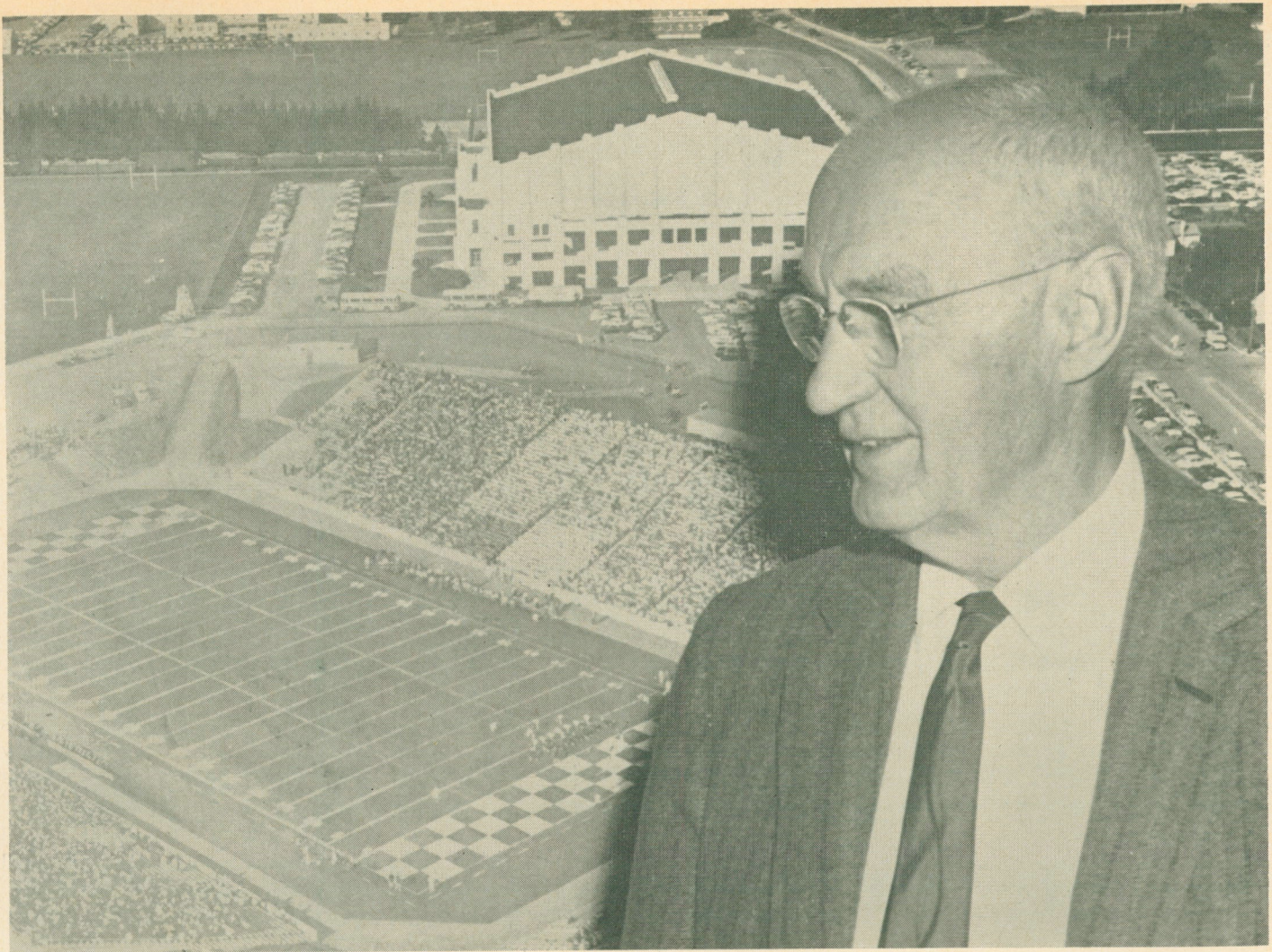
One year in the Midwest was enough for both Reinhart and Keene. They returned to Oregon, "separated at the Old Oregon Electric stop at Gray," with Reinhart heading to Eugene and Keene to Corvallis.

A year later, Spec, Reinhart and Slats Gill's brother, Whit, joined the National Guard in Salem, and it wasn't until the spring of 1919 that Keene returned to college. He lettered three years in baseball as a pitcher, but skipped basketball and football because he had sights on a pro diamond career.

"It didn't take me long to learn that I would get no place in baseball," Keene explained. "I had hurt my arm when I fell from a troop train in France, and it never came back."

The degree in animal husbandry pointed toward possible careers as a county agent, government service or "I even thought of a cattle ranch." Fortunately, Corvallis High needed a combination football-basketball-baseball coach and a head man for physical education. Keene was the choice.

"I guess I went into coaching because I liked athletics and working with growing kids," he remembered. "I've



often wondered what would have happened had I accepted job opportunities in the Redwood City or Oakland school systems.”

It wasn't long before Oregon State beckoned the first time. He had the opportunity to become freshman coach, but before making a final decision, Spec consulted with his future wife, Marie, whom he'd met at school. At the time, she was teaching in Everett, Wash., and she counseled him to take the OSU position. He eventually served as assistant to Paul Schissler with the varsity gridgers.

In the spring of 1926, Keene made his next and most successful coaching move to Willamette University in his hometown, Salem. He coached football, basketball and baseball the first two years and served as athletic director and head of the PE department.

It took World War II to end that stay which lasted from 1926 until 1942. In that span, the Bearcats won 10 football titles in 17 years, and in his final season, WU captured the league grid, basketball and baseball titles.

And while at Willamette he was selected as an associate member of Blue Key, senior men's honor fraternity that became active at Oregon State after his graduation. He was the faculty representative of Blue Key at Willamette.

Keene was at Pearl Harbor on Dec. 7, 1941 with the Willamette football team, and a year later was in the Navy—a lieutenant commander in charge of physical fitness

program for the 12th Naval District (California, Nevada, Utah, Colorado).

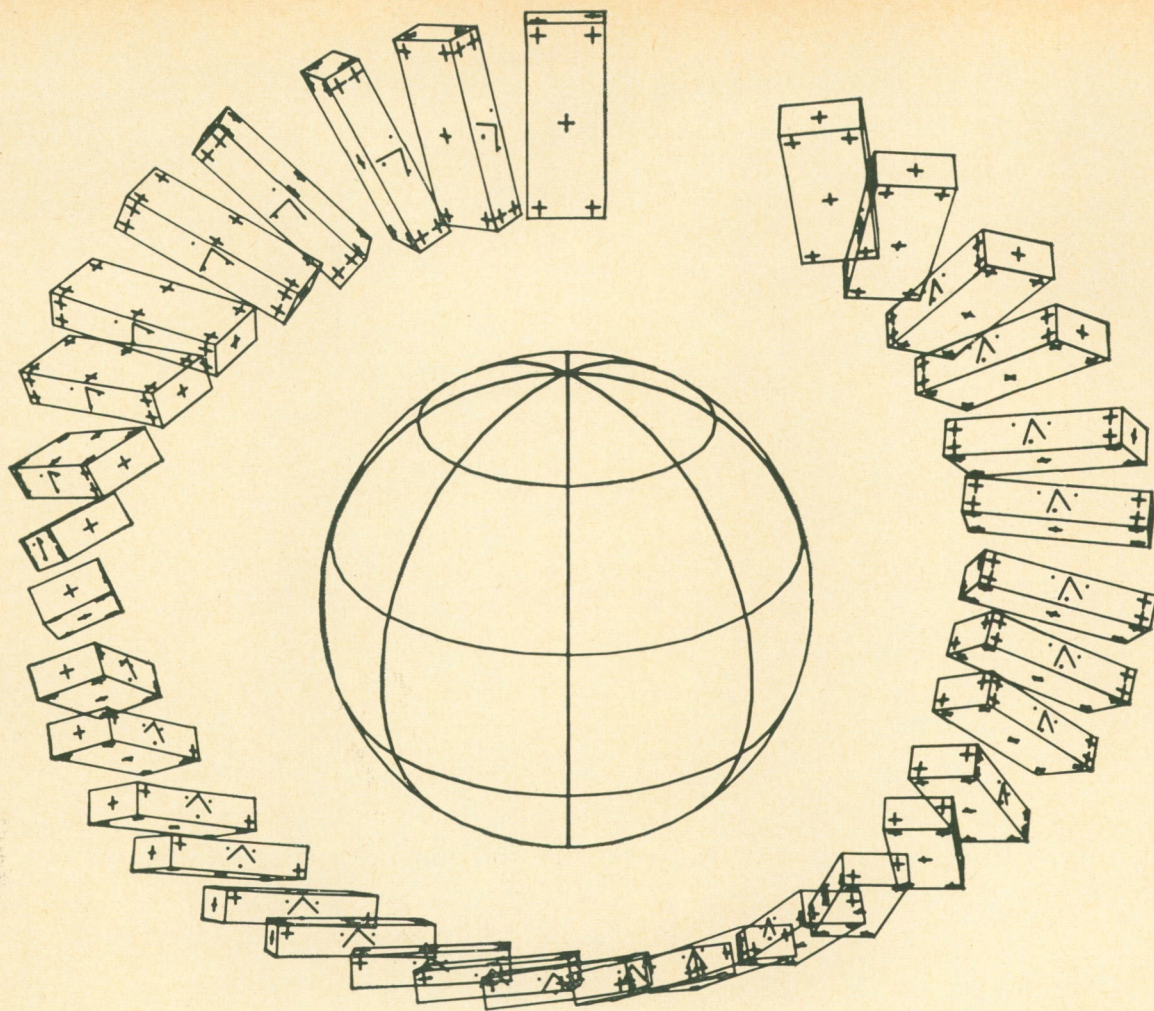
He labeled this a “great experience for my athletic director duties at Oregon State,” but he didn't assume the latter chore immediately. After World War II, he went into the sporting goods business in Salem, and recalled with a chuckle, “Maybe I should have stayed with it. I'd have made more money.”

Keene made his final move in the spring of 1947 and Oregon State did the seeking. He was named Percy Locey's successor as athletic director and arrived on campus in time to make accommodations for Slats Gill's NCAA regional-bound basketball team.

His 17 years at Oregon State were a repeat of what had gone before—success.

His accomplishments in and around athletics are not only told in his coaching and AD records. He has served as chairman of the state board of parole and probation; chairman of the Salem City playground committee; chairman of the American Legion boxing commission; chairman of American Legion baseball; on the NCAA Executive Committee for five years; a member of the NCAA television committee for a half dozen years. And the list seems to go on endlessly.

There are no buildings on the OSU campus named for Spec Keene. His has been a role of deeds; to his department, to his institution, to his alma mater. And when Spec says he would do it all again, Oregon State can be proud they had him the first time around.



Picture of a satellite in orbit—as drawn by a computer

The domino-shaped box in the drawing above represents a communications satellite orbiting the earth.

The various angles and positions of the box show the relative positions of the satellite during one orbit.

The drawing was made, not by a man, but by a computer at Bell Telephone Laboratories to help scientists visualize how the satellite would behave.

What the computer did is called *simulation*. Working from data given it, the computer calculated, or simulated, the satellite's position at various instants and produced the

picture on microfilm. The picture told us what we needed to know.

We use such simulation a great deal to save time and hold down costs in developing and testing new products and services.

Computers help us plan coast-to-coast transmission systems, new switching logic, and data systems. They also help us study problems relating to telephone usage at given times of the day or year.

Not all of our simulation is done on computers. Often we can simulate by other means.

We test new kinds of undersea telephone cables in buried, brine-

filled steel pipes that duplicate the pressures and temperatures of the ocean's bottom at various depths.

Ingenious equipment in one of our laboratories sends test telephone pulses racing around an electronic ring that simulates a 6000-mile circuit containing 5300 repeaters to boost voice volume.

Many additional examples of simulation could be cited. Often they help us spend our time and money more efficiently in developing new services and improving present ones—in making sure that America continues to enjoy the world's finest telephone service at the fairest possible prices.



Bell Telephone System

Serving you

The following article appeared in *The Pennsylvania Gazette*, alumni magazine published by The General Alumni Society of the University of Pennsylvania. It is reprinted there through the courtesy of the magazine's editor, Robert M. Rhodes, and the Pennsylvania Alumni Society.

HAVE you ever felt like the graduates described in the following paragraph? "Graduates of all American colleges and universities seem to share the delusion that the accomplishments of their own particular Alma Mater are insufficiently celebrated in the public prints. This unfortunate state of affairs is commonly ascribed, either or both, to (a) a conspiracy on the part of editors and publishers to suppress all legitimate news of Whoozis while opening their columns lavishly to the merest tripe about lesser foundations; or to (b) the complete absence of any understanding of the subtle arts of publicity and public relations on the part of anybody connected with their own institution."

This is a quotation from an article by a well-known Cornell alumni secretary, Romeyn Berry, who continued:

"The Cornell alumnus on his return to Ithaca is pretty apt to start with 'publicity' or to get to it by the third round. We're always sympathetic with the visitor's views, but we'd be even more impressed if we did not know from actual experience that identical views were being expressed at the moment, and with equal sincerity, at Princeton, Palo Alto, Hanover, New Haven, Charlottesville, and points south.

"Nothing that your reporter could say or do, we know, would serve to assuage the bitterness that weighs down the hearts of our alumni over these matters. But, skipping lightly over the question of whether a surging, self-respecting university is helped or hindered by press notices, or their absence, let's run over again some of the points that bear upon this troublesome question.

"The most recent occasion we recall upon which Cornell made the first page of every newspaper in America was when the sophomores employed chlorine gas in their efforts to break up the freshman banquet and failed to do anything more than to kill a very competent colored cook. The bullfight of 1905 was widely celebrated, and the development of an odorless cabbage at the east end of the campus a few years ago did not escape the notice of our alert news-gathering agencies. These incidents indicate clearly, I think, that Cornell is quite capable of achieving publicity any time it does something, or says something, or is something that is news.

"There you have, perhaps, the source of our confusion; our failure to distinguish between publicity and news. A good football team doesn't need a press agent, and the most astute public relations counsel can do nothing for a lousy one. The American railroads spend millions for limited, inside space on which to call attention to the importance of their service to the nation, and then get two columns, free, and on the front page, every

time Number 8 piles up across the right-of-way.

"Geographical factors cannot be ignored in the evaluation of news. An Ithaca story worth a column in the *Syracuse Post-Standard* might be completely ignored by the *San Francisco Chronicle*, be dismissed with a single sentence in the *Detroit Free Press*. Conversely, for Stanford or the University of Michigan to rate a column in the *Post-Standard* it would be necessary for the professor of fine arts to shoot the dean of women in the chapel.

"Institutions of higher learning which ache to get their names in the paper more frequently, in order to smooth down the Alumni Association of Walla Walla, Wash., are just wasting their time, we'd say, in mailing out mimeographed copy, buttering editors, and buying drinks for reporters. To achieve that lofty aim, yo've got to *do* something, or *be* something, or *say* something, that's news.

"Nor is there anything in the air of Ithaca itself which tends to stifle all sense of news values. I think that if a university were to seek the advice of the most astute public relations counsel on how to do something that was news, he might tell it the story of the upstart college which, beginning life in an abandoned sanitarium with an unknown resident faculty and no alumni association whatever, made itself front-page news overnight by daring to assert new ideas, by blazing new trails through the deadwood of established customs in higher education, by proclaiming its freedom from conventional controls, and thereby drew unto itself the delighted association of a galaxy of front-page scholars, front-page writers, and front-page scientists."

This article actually appeared in the *Cornell Alumni News* in 1945, but what it says is just as true today as it was then. I have heard the same complaints about Pennsylvania's "lack of publicity," one not too many days ago.

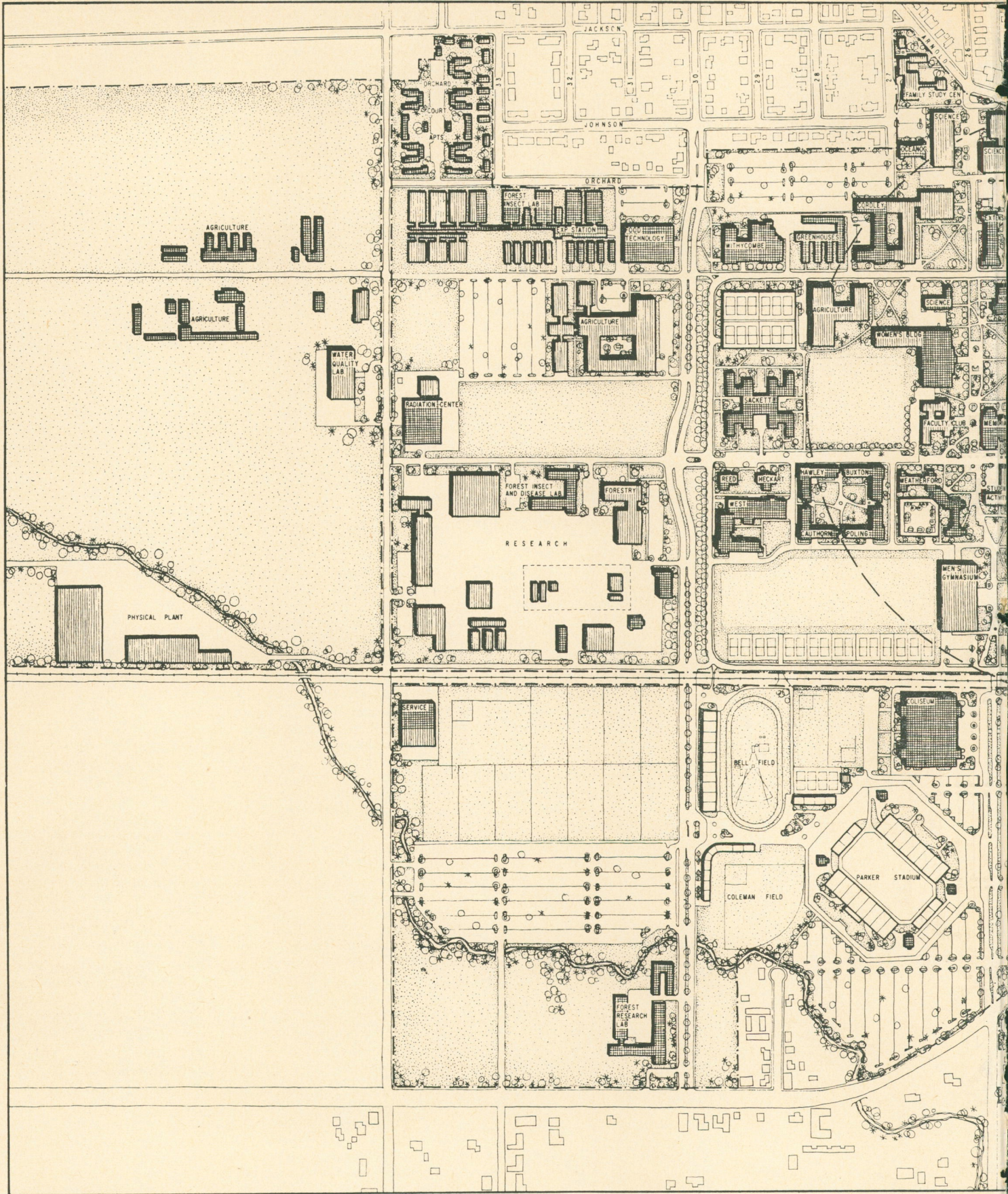
This complaint came at a time the University was being featured in three national magazines. During April, *Life* had four pages, including three pages in color, on the Museum's project at Tikal, Guatemala. *Look*, in its May 21 issue, devoted seven pages to Pennsylvania's Rhodes Scholar-basketball captain, John Wideman. *Fortune*, in its May issue, has an article and photo essay on changing trends in college architecture. Included in the pictures is a color photo of Louis Kahn's Richards Medical Research Building; in the text, Kahn is referred to as the first American architect to become "world famous by working on college building."

This is the kind of "good" publicity any university hopes for, but the kind that comes only from doing something, being something, or saying something.

It's more to be desired than the kind referred to some year ago by the irate alumnus who called in to complain about the immense publicity given to a riot at Princeton. This publicity, he said, proved his long-held feeling that Penn's publicity stunk. Anyone knows, he went on, that Penn's Rowbottoms are bigger and better than any similar activity at Princeton; this just proved that Princeton's public relations staff were much more skilled in exploiting their riots.

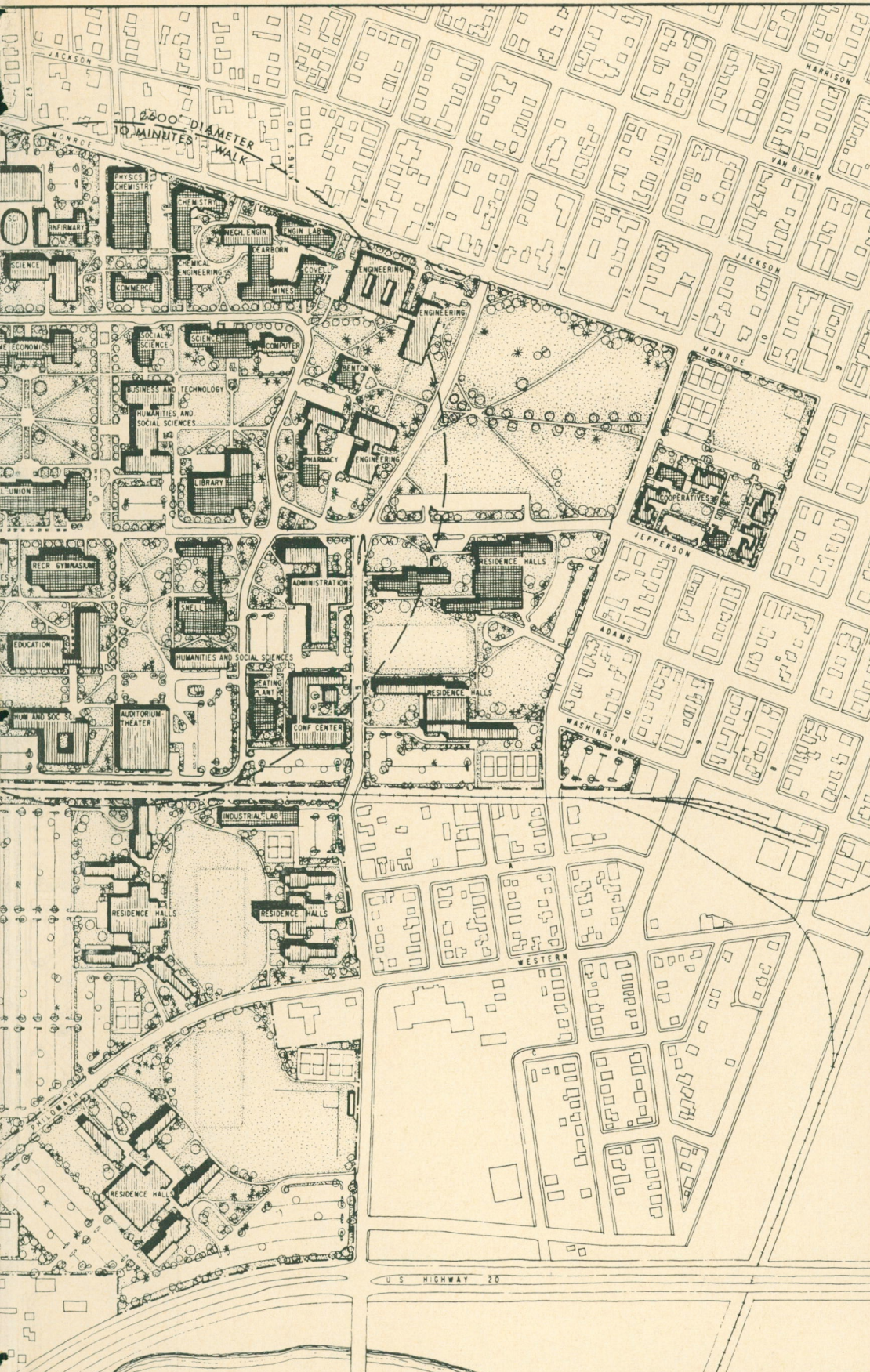
What Kind of Publicity?

LONG RANGE DEVELOPMENT



OREGON STATE UNIVERSITY

DEVELOPMENT PLAN

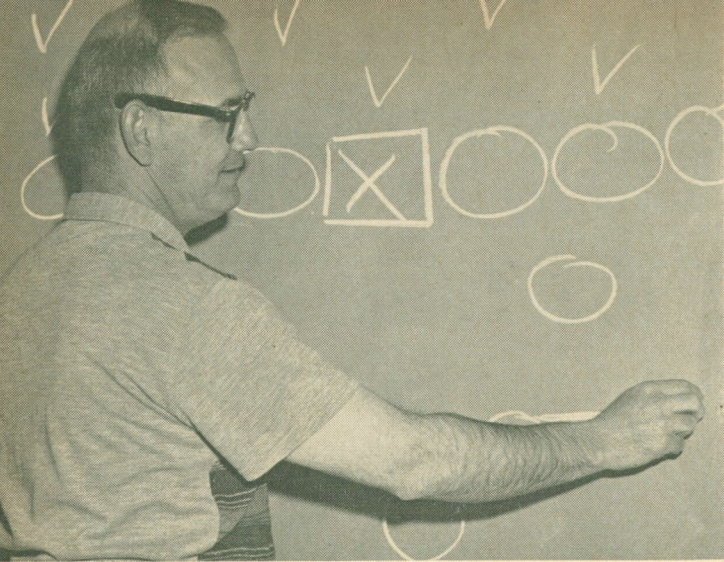


This is the core area map of OSU campus as it would appear in the future. Existing buildings show cross hatches, proposed ones have vertical lines. The general area is enclosed by Monroe street at top, Southern Pacific Railroad on the bottom. The Mall left and 11th street on the right.

OSU's proposed facilities would be adequate for 18,000 students. Addition of more housing and parking areas could handle 25,000 without additional academic structures.

The plan calls for eventual construction of 3.1 million square feet of buildings in addition to the 4.1 million now available.

JUNE 1964



The following editorial was written last summer and originally appeared in the *Corvallis Gazette-Times*. It is reprinted here through the courtesy of the newspaper's editor, Bob Ingalls.

In a short time about 10,000 young men receiving approximately \$10 million in scholarships will start practicing football across the United States.

On almost every campus where this is happening the entire money for these scholarships the young men raise themselves with gate receipts; plus another \$20 to \$30 million to pay salaries of their coaches, athletic directors, secretaries, etc., and buy their equipment, medical attention, transportation, etc.

Thus, none of this scholarship money is taken from other deserving students. If the football scholarship were nonexistent, the money for the scholarships would be nonexistent. Actually, on many campuses, there is money left over to support other parts of the sports program.

If it does nothing else, we can see that football each year furnishes \$10 million toward educating future citizens, about 90 percent of whom come from poor homes and would not otherwise go to college.

What kind of young men are these football players who are receiving this education? In answering this, I must refer only to boys I have coached at Oregon State, UCLA, Vanderbilt and Western Kentucky.

1. For some reason, it seems important to me to know if they are amateurs. By the AAU and NCAA philosophy (that a boy who breaks even is an amateur, a person who makes a profit is a professional) all of our football players have been amateurs.

By the old English philosophy (if you furnish a boy a jersey he is a professional) all have been professionals. However, in old England they wanted no one other than the sons of lords and earls in amateur athletics.

2. What kind of academic students are they? Of course there are all kinds, but they tend to be average. Although I do not have statistics, I am sure a smaller percentage of them are at the top of the grade point curve than the per-

centage of the student body. A major reason probably is their extreme interest in an extracurricular activity—football. On the other hand, the percentage of football players who flunk out or drop out is less than one-half the percentage of the student body who do. The percentage who graduate is twice the percentage of the student body who graduate. A major reason, at least in their early immature years of college, is their intense desire to stay eligible to continue football.

3. What is their behavior in college? I feel they tend to have more prank and misdemeanor problems than the average student. I think this is because they are mostly extroverts in vibrant health. While these traits at a later age often manifest themselves in leadership, at this age they tend toward minor problems. This is likely to become abusive on a poorly disciplined squad. On the other hand, our football players to date have never been involved in a major behavior problem such as murder, larceny, sex perversion, grave digging, bombing, communist cells, etc. I think this is because they learn self and group discipline from football and tend not to be maladjusted.

4. What kind of citizens do they turn out to be? Although surveys in this field are quite incomplete, all that have been made are almost unbelievably favorable toward college football. In my personal experience, I have coached over 500 college players and have kept up with or frequently hear of almost all of them. Although none has yet passed 40 years of age, three of them are mayors, two doctors, two dentists, about 25 engineers, and many businessmen, teachers and coaches. I do not know of one who has been in jail or on welfare. Economically, I believe one of our graduates in his first year out of our football program probably earned more money than any other graduate of any department of any school at which I have coached earned in his first year after graduation.

Unfortunately, the public cannot be excited by events in the classroom but can be by football games. Thus, by keeping the interest of alumni and friends, and by attracting public attention to the college, the football team acts for the college in much the way national advertising does for an industry.

Without getting into detail, a few things that participants learn in addition to individual and group discipline, in a well-run football program are:

Mediocracy will not succeed, only excellence; attaining excellence is not easy or quick, you must "pay the price" to attain it. It cannot be wished for but must be worked for MENTALLY and PHYSICALLY. ALMOST right fails. When all seems lost perseverance will often bring a successful result. Either panic or despondency will insure a disastrous outcome.

When the result hangs in the balance, the one willing to call upon something extra when physically or mentally exhausted will prevail. An unsuccessful endeavor is an unhappy one; a successful endeavor a happy one. But successful or not, you will make mistakes and you must learn from them and correct them in order to closer approach perfection in your endeavor.

A Different Look at Football

by Tommy Prothro
OSU Football Coach

Beaver Football

by John Eggers

Sports Publicity Director

As this was written, Oregon Staters everywhere were hailing the Beavers' great upset football victory over the Washington Huskies at Portland. We don't know when an OSU win brought so much acclaim—even from University of Oregon rooters! This rivalry with Washington may never match the OSU-Oregon affair, nor reach the same intensive pitch, but it's the next best thing, believe us.

Tommy Prothro has moulded together quite a football team, just as he privately told friends he would before the season began. In fact, Tommy was the most optimistic coach of any in the Pacific Athletic Conference when the "Skywriters" made their annual tour in September. One California scribe wrote: "It was indeed refreshing to talk to an optimistic coach (for a change), but we feel sorry for the poor guy—Oregon State won't have much of a football team, we fear." Unquote.

As usual, Prothro has fooled 'em all. The Beavers started off at Evanston by dropping a tight 7-3 verdict to Northwestern from the Big Ten conference. It was a game that could have gone either way, and in missing a first down by inches on the Northwestern two yard line, victory was thwarted.

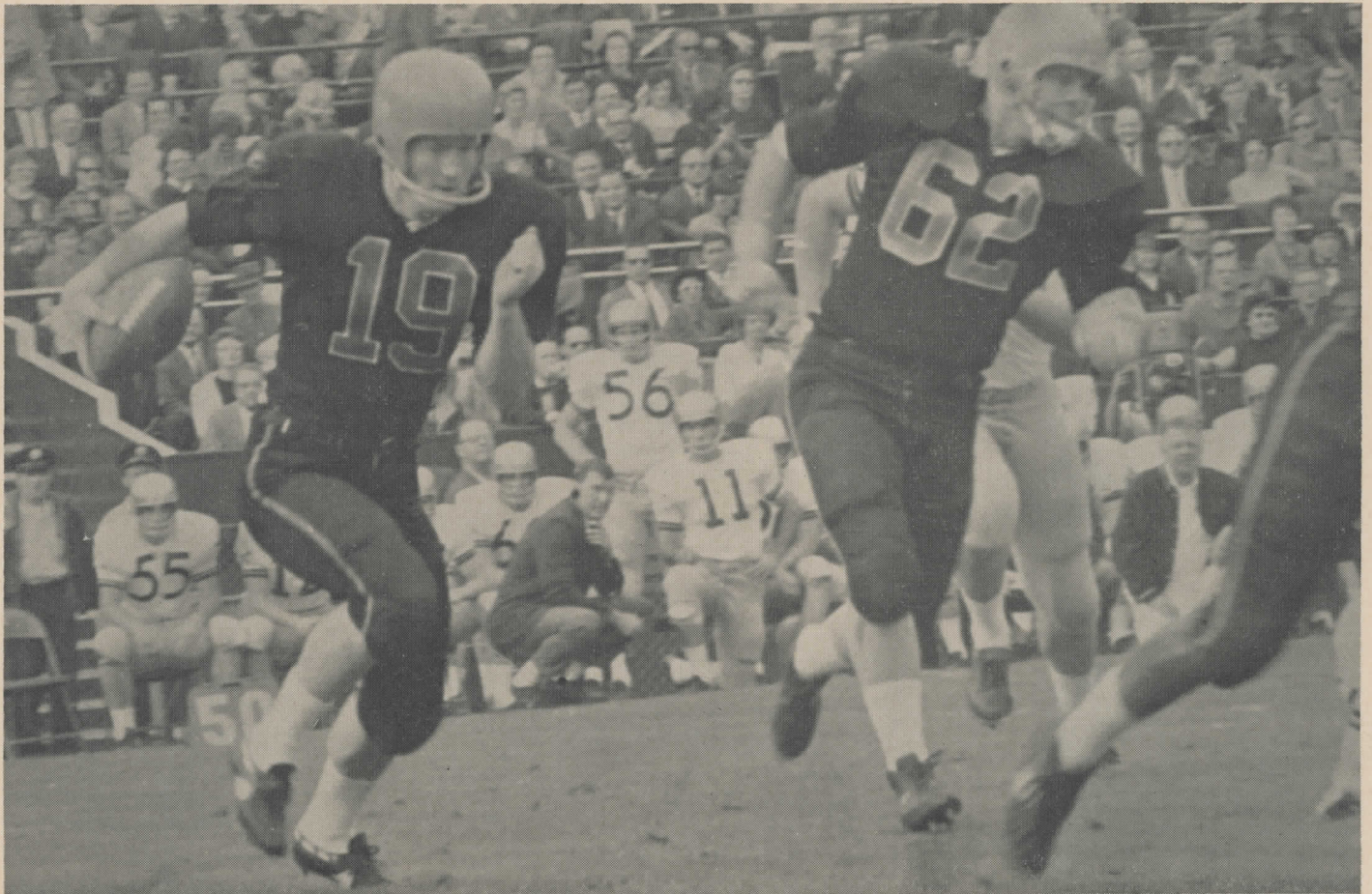
Oregon State then won road games at Colorado and Baylor—both of them hard-fought battles. And as you all know, the big one came over Washington by a 9-7 count. The Beavers were just getting ready to play a strong Idaho club as this was written, after Idaho had almost beaten Oregon.

A strong defense has been the keynote of this OSU team. It may be one of the best Prothro has ever coached. The offense at times has looked good, but on other occasions has sputtered. The potential is certainly there. Charlie Shaw, Cliff Watkins and Booker Washington all have good speed, as does pass-snagging Olvin Moreland at split back. And the offensive line is big enough.

We have a hunch that this defense will cause all future Beaver opponents trouble, for Oregon State is strong right where it helps the most—right down the middle. The inside defensive linemen, most of them sophomores, are big and tough, and few teams anywhere have better linebackers than Jack (Mad Dog) O'Billovich and Dick Ruhl. We doubt if any have as good. The defensive halfbacks, Dan Sieg and Jim Smith, have shown a lot of poise, and Danny Espalin is having a great season at safety.

Last, and far from least, Paul Brothers has come along magnificently as starting quarterback. When you consider he's only a sophomore, and had only one pass intercepted in four games, his record is near incredible. A fine runner, Brothers gets a little better every week, and his passing has exceeded early expectation of his coach. Paul seems to be able to move the team, and his mates have a lot of confidence in him.

This may not be a great Oregon State football team, but you can bet its a good one. Any opponent that beats the Beavers will have earned it the hard way.



Alumni



Mrs. Matthew J. Quinn (right), former **Jeanne Perkins, '43**, receives a certificate for participation in McCall Magazine's Congress on Better Housing at Cape Coral, Florida. Mrs. Quinn assisted Mrs. Mary Davis Gillies, Senior editor of **McCall's** and several noted architects in designing the ideal home for southeastern U. S. The house embodying the recommendations obtained at the Better Housing Congress will be built at Cape Coral by Gulf American Land Corporation. Mrs. Quinn is home economics teacher at Fort Meyers, Florida junior high school.



Donald R. Walker, '49, has been named distribution manager for Omark Industries, Inc. new Bonded Products division. He was formerly sales promotion manager for the firm. He will be responsible for national sales and distribution of construction fastening equipment, such as powder actuated tools and concrete expansion anchors. Walker has been with Omark Industries since 1957. He will be headquartered in Portland, Oregon.



Archie Bradshaw, '50, has been appointed president of the State Center Junior College at Fresno, California. He will be leading a 192-member faculty through its first year as a part of the separate junior college district. Born in Yorkshire, England, Bradshaw received an honorary degree of Doctor of Laws from Edinburgh University of Scotland. He was a college Dean at Fresno City College for fourteen years before becoming President of State Center Junior College. He is author of "Orientation for College Freshmen," "Leadership and Morale," and co-author of "College Business Law."



Major Gerald L. Pierce, '51, has assumed the post of Chief of the Pharmacy, Walter Reed General Hospital. He received a B.S. in Pharmacy and Pharmacology at Oregon State and entered military service in 1953. He became Chief of the Pharmacy Service at Madigan General Hospital in Tacoma, Wash. in 1956, and was assigned similar duties in Frankfurt, Germany in 1960. Major Pierce was assigned head of the Pharmacy Service at Womack Army Hospital, Fort Bragg, N. Car., prior to his appointment at the Washington installation.



Miss Roberta Alworth, '59, has been promoted to a supervisor of stewardess service for United Air Lines at Seattle, Wash. She taught school in California for one year prior to becoming a stewardess for United in 1960. Miss Alworth was based in Seattle until 1962 when she transferred to the Stewardess Training Center in Chicago as instructor, a position she held until her new assignment. She is the daughter of Mr. and Mrs. R. E. Alworth of Boise, Ida.

Eric Englund, '18, recently received the Distinguished Service Award, highest award to be given by the U. S. Department of Agriculture.

A former editor of the Barometer, Englund graduated from Oregon State in absentia, while with the armed forces in Europe during World War I. He received a degree in Agriculture.

In 1919 Englund earned a bachelor of arts degree in Liberal Arts from University of Oregon. A masters degree was awarded him from University of Wisconsin in Agricultural Economics in 1920, and he received a Ph.D. from Harvard in 1927.

He has taught at Kansas State University and University of Chicago. While at Chicago he followed a course in History of Great Religions, and did research in Taxation of Agricultural Lands.

Englund has worked in various agricultural capacities with the Federal government. Much of this time was spent in the foreign service.

Carl S. Kleinau, '21, chief engineer, Pacific Telephone, San Diego, retired recently from a distinguished telephone career and began a new career.

Kleinau brings a wealth of engineering skill and technical ability to his new duties representing The First National Bank of San Diego in coordinating design and construction of the bank's new 24-story office building.

During World War II he worked at the Pentagon, Washington, D. C., planning defense equipment to control fighter aircraft. Kleinau's war time contributions brought him the Legion of Merit medal.

Vernon P. Jenkins, '26, has recently been promoted to Northwest Regional vice-president of Foster and Kleiser outdoor advertising company.

He went to work for Foster and Kleiser in 1926 and has served in sales and management in Portland, Oakland and San Francisco prior to his transfer to Seattle.

Vernon was student body president and a member of Pi Kappa Alpha while at Oregon State. He and his wife (**Lenora Speidel, '28**) have a daughter, Alice Jo, who is a graduate of University of Oregon.

Lindley F. Bothwell, '26, is the coach of five yell leaders at University of Southern California. The five students lead cheering sections at all USC sports events starting in the fall.

Bothwell, now a rancher and a hobby collector of old automobiles, was yell king at Oregon State and was the originator of card stunts on the OSU campus. He introduced card stunts into the USC rooting section in 1921.

Harry S. Baker, '27, president of the Producers Cotton Oil Company, was awarded a citation for excellence for "his lucid and straightforward president's letter in the 1963 annual report of his company." He is a resident of Fresno, Calif.

The citation was presented by W. H. Depperman, a nationally recognized public relations consultant, and publisher and editor of Practical Public Relations of Chappaqua, N. Y.

The report also won the Fresno Advertising Club's award for excellence.

George L. Crookham, Jr., '29, was recently named one of three recipients of College of Idaho's Distinguished Alumni Service Awards for 1964.

The awards recognize achievements by C of I graduates or former students, through citizenship, contributions to the community, state or nation, humanitarian services and contributions to society.

Crookham entered the College of Idaho in 1925 and then transferred to Oregon State, where he received his bachelor's degree.

Known for his interest in Idaho Reclamation, Crookham has been chairman of the public relations committee of the National Reclamation Association, vice president of the National Rivers and Harbors Congress, Idaho director of the Inland Empire Waterways Association and Idaho member of the Columbia Interstate Compact Commission.

Howard Bertsch, '31, received the United States Department of Agriculture's Distinguished Service Award—its highest citation—announced Representative Edith Green from Washington, D. C.

Only seven other USDA men this year have received this nationwide recognition.

Bertsch, Farmers Home Administration national administrator, received the high award for his dynamic leadership in redoubling the impact of the nation's supervised rural credit program and sharply increasing USDA's attack on rural poverty. The Farmers Home Administration is a nationwide agency devoted to strengthening family farms and rural communities.

George H. Gallaway, '32, has been appointed president of Crown Zellerbach International. He succeeds retiring G. J. Ticoulat, division head since 1959.

Among positions held during his 30-year-plus career with Crown Zellerbach, Gallaway managed facilities at Lebanon, Oregon and at Camas, Wash.

William E. Quirk, '37, vice president and general manager of Pacific Telephone in San Diego, Calif., participated in the first cross-country Picturephone call. It was a "first" in personal communications, perhaps equal only to Alexander Graham Bell's invention of the telephone.

The coast-to-coast call between Disneyland, Calif., and the New York World's Fair heralded the opening of the Fair and the unveiling of this unique communications service.

As he chatted with his son at Disneyland, Quirk became the first person to use this unique service West-to-East and East-to-West.

Dr. Leland G. Cole, '42, has been appointed a member of the Advisory Panel of the Select Committee on U. S. Government Research.

The Advisory Panel will assist the Congressional Committee on the documentation, dissemination and use of research and development results from all U. S. Federal departments and agencies.

Dr. Cole is vice president for research and engineering and a member of the Board of Directors of the Whittaker Corporation which is headquartered in Los Angeles. He is the only member of the eleven-man panel from the Pacific Coast.

Lt. Col. Ross F. Swall, '45, was presented the First Oak Leaf Cluster to the

Army Commendation Medal during his retirement ceremony held earlier this year in the Office of the Army Surgeon General.

The decoration was for the last four years of the Colonel's more than 26 year's service with the Army Medical Service.

During this period, Col. Swall first served as Assistant Operations Officer in Europe, and later as Chief of the Organization and Material Allowances Branch.

"In each of these responsible positions," the citation reads, "Col. Swall demonstrated keen foresight, well-calculated planning and comprehensive understanding of the Army Medical Service."

Ronald D. Brown, '49, has been appointed manager of power equipment in engineering products for Allis-Chalmers International, headquartered in Milwaukee, Wisc.

Brown joined Allis-Chalmers in 1949 as a member of the graduate training course for engineers. Since 1959 he has been the sales representative for engineering products of Allis-Chalmers International in the company's Washington, D. C. office.

He received a B.S. degree at OSU in electrical engineering. He was awarded a master of science degree in business administration from George Washington University.

John P. Egan, '53, was recently assigned to work as a construction engineer with the Arabian American Oil Company in Saudi Arabia. The company is a subsidiary of Standard Oil.

Egan was with the Corps of Engineers in Oregon. In Arabia he will concentrate on architectural and oil handling facility construction.

He is living in Dhahran, a company town several miles inland from the Persian Gulf, with his wife and three sons, ages seven, five, and five months.

This is the second trip to Saudi Arabia for the Egan's. From 1952 to 1957 Egan was employed by the Arabian American Oil Company as a field project engineer in Dhahran. He supervised the construction of schools, recreational facilities, homes and other buildings.

Charles N. Skeans, '59, has been awarded a fellowship at the University of Maryland in a program to train executives for the Future Farmers of America organization. He is one of four vocational agriculture teachers in the country to receive the award for 1964-65.

The training program consists of graduate study in agricultural education and youth development at University of Maryland, plus practical experience in the national F.F.A. office in Washington, D. C.

Skeans has been active in the Oregon F.F.A. organization, including service on the State Advisory Council and as a district F.F.A. adviser.

Ira M. Stauss, '43, has been promoted to assistant vice president of Citizens Bank of Corvallis. He had been serving as assistant cashier.

Stauss is in charge of agricultural and real estate loans for the bank and is in charge of these departments.

A graduate of the School of Agriculture, Stauss formerly was employed by the Commercial Bank of Oregon and the U. S. National Bank of Oregon as an agricultural field representative.



New England Life agent Norm Masters (Michigan State, '56) discusses a Key Man insurance proposal with Nelson Mulligan (center) and son Patrick. The senior Mr. Mulligan is owner of the world's largest Mercury dealership.

Norm Masters took six months off for football, yet sold \$1,000,000 of life insurance last year.



Professional football's long season means a short selling season for Norm Masters. Six months of the year, he plays tackle for the Green Bay Packers. But how Norm sells during the other six months! Between January and July of 1963, for example, he sold \$1,000,000 of New England Life insurance—more than the average agent sells in a year.

How does he do it? Norm can tell you it's not easy, even with an athletic reputation to help open doors. This is a career that demands a high order of competence. You are, after all, dealing with the financial security of families and businesses. The training and support of a good company is absolutely essential.

Norm can testify to the unusual advantages of working with New England Life. He lives and works where he wants to; he knows his company will never ask him to move. He is his own boss, setting his own

hours, fixing his own goals. His current sales keep paying off, year after year. As the insurance he writes is renewed, his commissions are renewed, too. After seven years with New England Life, Norm's annual commissions on old sales amount to almost as much as his commissions on new business.

Perhaps you would like to investigate a career with New England Life. There's an easy first step to take. Send for our free Personality-Aptitude Analyzer. It's a simple exercise you can take on your own in about ten minutes. Then return it to us and we'll mail you the results. (This is a bona fide analysis and many men find they cannot qualify.) It could be well worth ten minutes of your time.

Write to New England Life, Dept. AL, 501 Boylston Street, Boston, Massachusetts 02117.

NEW ENGLAND LIFE

NEW ENGLAND MUTUAL LIFE INSURANCE COMPANY: ALL FORMS OF INDIVIDUAL AND GROUP LIFE INSURANCE, ANNUITIES AND PENSIONS, GROUP HEALTH COVERAGES.

THESE WEST COAST COLLEGE ALUMNI ARE NEW ENGLAND LIFE REPRESENTATIVES: OREGON STATE: Robert L. Parkinson, '23, Oakland, Calif.; Worth B. Babbitt, CLU, '32, Los Angeles; Thomas R. Van Etten, '52, Spokane; Ralph L. Carroll, '57, Portland; CALIFORNIA: Andrew Z. Meyer, CLU, '23, Los Angeles; DeWitt B. Mott, CLU, '24, Los Angeles; Millard A. Samuel, CLU, '25, Portland, Ore.; Frank E. Senn, '28, Portland, Ore.; Arthur F. Renning, CLU, '31, Fresno; James W. Uren, CLU, '34, Oakland; William P. Gring, '36, Santa Barbara; Edward F. Russell, '38, Los Angeles; Melvin P. Gundlach, '41, Los Angeles; William J. Commerford, CLU, '47, Berkeley; Francis S. Russell, '49, San Francisco; Wallace L. Yun, '49, Sacramento; Frederick M. Killam, '50, Hartford; E. Samuel Lubratich, '50, Fresno; Howard F. Neal, CLU, '51, Los Angeles; Alexander L. Pappas, CLU, '53, Berkeley; Matthew, E. Hazeltine, '55, Palo Alto; STANFORD: D. Kenneth Elliott, '26, Los Angeles; William Eugene Hays, CLU, General Agent, '26, Boston; Rupert M. Adams, CLU, '29, Los Angeles; Patterson D. Nowell, '40, Pasadena; Jack A. Martinelli, CLU, Agency Manager, '48, San Francisco; Robert R. Teall, CLU, '48, Jacksonville; Earle L. Patten, CLU, Agency Manager, '49, Fresno; W. David Phillips, '49 Fresno; Robert D. Childs, CLU, '50, Santa Ana; Melvin P. Gundlach, '50, Los Angeles; Joseph F. Pickering, CLU, '50, San Francisco; Garnet R. Best, '51, Oakland; Dan E. Harris, '51, Los Angeles; David G. Hoffman, '51, San Jose; Joseph M. Chez, CLU, '53, Sacramento; William E. Choate, CLU, '53, Los Angeles; John C. Kern, '55, San Francisco; Hidemi Fumino, '56, San Jose; Robert C. Higbee, '58, San Jose.

Class

'19

Mrs. **June K. Messenger** is now living in Mill City where she is relaxing and enjoying her retirement.

'21

Robert B. Taylor has retired from Pendleton wheat farming and is now working as a volunteer in the Presbyterian Mission Program among the Papago Indians at Sells, Arizona.

'23

Ernel E. Stearns retired last year after 26 years continuous employment with The Pacific Power and Light Company.

'24

Dr. **Harold M. Scott**, the recent winner of the 26th annual Borden Award of the Poultry Science Association, is professor of animal science at the University of Illinois. He and his wife, **Elizabeth Hill**, '22, have lived in Illinois since 1947, during which time Dr. Scott has authored many scientific articles in the field of poultry nutrition.

Portland attorney and lumberman, **Elmer E. Goudy**, was elected recently as a director of the U. S. National Bank of Oregon.

Loy L. Strong celebrated his 40th year of service with Pacific Northwest Bell in Seattle, Washington. He and his wife, Clara, have lived in Seattle for thirty-eight years where Mr. Strong is active in civic and youth organizations.

'25

Mr. and Mrs. **D. A. Pfeiffer**, (**Bernice Lyman**, '25) are enjoying retirement after thirty-seven years at Sonoma Valley where Mr. Pfeiffer served as teacher, vice-principal and principal at the high school.

Oliver Jessup is manager of the Construction Equipment Division of Air Mac, Inc.

'26

Ray L. Zobel will retire in November from the Plant Engineering Department of Ford Motor Company where he has served for some twenty-five years.

Paul N. Dean recently retired from the General Electric Company, Louisville, Kentucky, where he had been employed for the last 38 years.

Arthur G. Maki is presently living in Ridgefield, Washington.

'28

Don and Thealie Barnes left Ethiopia and Burma early this spring for a visit with their grandchildren in Germany. They would like to hear from any Oregon Staters and can be reached through the American Embassy in Rangoon.

'28

Kenneth T. Case, Army Engineer Economic Studies Chief, is currently participating in a flood control study in Taipei, Taiwan.

'30

Walter E. Simmonds, his wife, Catherine, daughter Diane and two grandchildren are living in Frankfurt, Germany, where Mr. Simmonds is an electrical engineer with Hqs. European Security Region. They would like to hear from any OSU alumni who might be in the area.

Don M. Platt is presently Plant Engineer with Boise Cascade Co. at St. Helens, where he lives with his wife, Geraldine and their son, Steve.

Warren G. Cook is now Supervisory Naval Architect at Puget Sound Naval Shipyard, Bremerton, Washington.

'31

Lloyd T. Dunn is Employee Development Officer with the U. S. Navy and stationed at Subic Bay, Republic of the Philippines.

'32

William S. Klein is working at KHJ-TV on Mount Wilson in the Los Angeles area.

'33

Rowland Rose was elected president of the Consulting Engineers of Oregon last spring.

Irene and **Kenneth Donelson** co-authored a book entitled, "When You Need a Lawyer." It will be published by Doubleday & Company this year.

'35

Dean L. Condon makes his home in San Francisco since his retirement from the Army. He is presently employed with the Public Works Division, Navy Supply Center in Oakland.

'36

Colonel Raymond W. de Lancey is now Deputy Division Engineer of the Ohio River Division, U. S. Army Engineers. A transfer to France is expected where he will head the 32d Engineer Group at Verdun.

'38

A letter from Mrs. George P. (**Mignon E. Wall**) Newton finds them living in Bolivia where she teaches piano to ten pupils and tutors one girl in English. She and her husband are studying both French and Spanish.

'39

Mr. and Mrs. **Harold L. Bennett** (**Annie Holmes**, '41), are living in Huntsville, Alabama, where Mr. Bennett was transferred by The Boeing Company to assist on the Saturn Project.

Mrs. **Lynn Gallagher** (**Frances Stiles**) opened a new real estate brokerage office in Corvallis, where husband, Lynn works for the OSU Housing Department. The couple have two sons.

'41

Lloyd G. Magill was appointed manager of process engineering at Sun Oil Company, Philadelphia, where he lives with his wife, Elizabeth and their two children.

Marty Lemon of Corvallis was named distributor for Nehi Beverages and Royal Crown products in Benton and southern Linn counties. He is married and has two children.

'43

John C. Briggs recently accepted an appointment as Professor of Zoology at the University of South Florida in Tampa. He was formerly with the University of Texas.

Gordon Green, president and general manager of distributorship for diesel engine division of General Motors Corporation, opened a new office in Swan Island this summer.

'45

The doctor of philosophy degree was conferred on **Robert J. Arenz**, S. J. of Tucson, Arizona

from the California Institute of Technology this year.

'49

William E. Banton recently graduated from MIT under the Alfred P. Sloan Fellowship program. He was the fourteenth WE executive to complete the year-long studies in industrial management there.

Mrs. William M. Rattray (**Margaret L. Tate**) lives with her husband in Terra Linda Oaks, California, and is presently Dean of Students at Terra Linda High School.

Captain **Jack G. Allison** graduated with honors from the U. S. Air Force Command and Staff College at the Air University, Maxwell AFB, Alabama in June.

Mr. and Mrs. **Robert Lee** and children returned to the U. S. from Obihiro, Japan, where they had served as missionaries since 1959. Mr. Lee is now in graduate school studying religion at Harvard University.

'50

Major **William Robert Porter** is serving with the U. S. Air Force at Shreveport, Louisiana. He is married and has five children.

Robert Raymond Gohrke is Chief Social Worker at Camp White, Oregon.

Wistar M. Adair, Jr. is Area Engineer with the U. S. Department of Agriculture and resides with his wife and three children in Baker, Oregon.

Major **Dale E. Downing** his wife, **Betty Lou Vogelwohl**, '47, and their five children returned from the Philippine Islands and are now stationed at Maxwell AFB, Alabama.

Captain **Don Carter** was appointed to the brigade staff of the Second Brigade, 162nd Infantry, U. S. National Guard with headquarters in Salem. Captain Carter now makes his home in Corvallis where he is principal at Jefferson elementary school.

Jack Ray Osburn is a civil engineer with the U. S. Army Corps of Engineers in California. He is married and has four children. Brother, **Burrell Dean Osburn**, '49 is a county extension agent of Ferry County, Washington. He is married and has three children.

Dr. and Mrs. **Ralph L. Larsen** (**Betty Garner**, '49) are living in Cincinnati with their four children. After receiving his Ph.D. in Engineering from Harvard University, Dr. Larsen is now Engineer Colonel with the U. S. Public Health Service.

Mr. and Mrs. **Eldon Karpela** completed a years stay in Albuquerque, New Mexico where Mr. Karpela studied under a National Science Foundation Grant. Following a summer of commercial fishing in Alaska, the Karpelas will be at home in Astoria, Oregon.

Air Force Major **Gould L. Cline, Jr.** graduated in June from the University of Colorado with an M.S. degree in aeronautical engineering. Major Cline and his wife, Joan are living at McClellan AFB, California, where he serves with the Logistics Command.

'51

Lcdr. **David W. De Cook** took command of the Guppy submarine Quillback in Key West, Florida last spring. The Cooks and their three children are residents of Key West.

Lcdrs. **Robert P. Mack** and **Jay Davis** will also take command of conventional submarines later this year.

John E. (Jack) Ricketts, his wife and three sons are now residents of Portland where Mr. Ricketts serves as sales manager with Zellerbach Paper Company.



Is it possible that a leading maker of jet engine turbine blades had a hand in giving Pat Deegan a fresh sandwich today that was made last night?

It's perfectly logical to assume that the nation's leading producer of alloying metals like chromium, manganese, tungsten, and vanadium could become an expert on their use in new forms of steel. One result is the development of a new kind of stronger stainless steel.

Nor would it be surprising that the nation's pioneer and leading producer of plastic raw materials would be selling plastic food bags with a new kind of fold-lock top that locks in freshness. They're called "Glad" Bags, and they keep Pat Deegan's lunch fresh even though it was packed the night before.

But you'd have every reason to doubt that two such unlike activities could come from the same company. Provided you didn't know about Union Carbide.

In fact, you'll come across lots of diversifi-

cations at Union Carbide. It's one of the world's largest producers of chemicals, and it makes ingredients for textiles, paint, and urethane foam for cushioning. It is one of the most diversified private enterprises in the field of atomic energy. As a world authority in super-cold fluids, it produces tons of liquefied hydrogen, oxygen, and nitrogen for fueling space vehicles. It's a leader in carbon products and makes exhaust nozzle liners for rockets, brushes for electric motors, and electrodes for electric arc furnaces. And its consumer products include world-leading "Prestone" anti-freeze.

In fact, few other corporations are so deeply involved in so many different skills and activities that will affect the technical and production capabilities of our next century.

The next century starts with Pat Deegan's lunch.

**UNION
CARBIDE**

UNION CARBIDE CORPORATION, 270 PARK AVENUE, NEW YORK, N. Y. 10017. IN CANADA: UNION CARBIDE CANADA LIMITED, TORONTO
Divisions: Carbon Products, Chemicals, Consumer Products, Food Products, International, Linde, Metals, Nuclear, Olefins, Ore, Plastics, Silicones and Stellite

'52

Paul E. Brockmeier lives with his wife, Suzanne, and son in Bogalusa, Louisiana where he is accounting supervisor with Crown Zellerbach Corporation. The Brockmeiers are active in civic and church groups and serve on the board of directors of the local YMCA.

Ronald W. Kelleher was appointed economic and industrial development manager in Oregon by Pacific Northwest Bell, and has moved from New York to Portland, Oregon.

Major **Milton K. Campbell** graduated from the associate course at the U. S. Army Command and General Staff College, Fort Leavenworth, Kansas, and was reassigned to the Southern European Task Force in Italy. Captain **George G. Beveridge** completed the U. S. Air Force Command Staff College course at the Air University, Maxwell AFB, Alabama.

Mrs. Donald R. Loftis (**Patricia Diane Miller**) is a ticket sales agent for United Air Lines in Portland. She had previously lived in Hawaii and San Francisco.

Mr. and Mrs. **Henry Downing (Priscilla Ruth Irwin, '50)** and their three children are Portland residents. Mr. Downing works as Hospital Pharmacist at Providence Hospital and Mrs. Downing teaches a class through the Portland Community College for women.

'54

Richard H. Armony works with the Internal Revenue Service in Portland, Oregon.

Jack Smith and wife, **Nancy Beal Smith, '54**, are living in Anchorage, Alaska, where they report they suffered little damage from the earthquake. Also living in the area are the **Roy Stigums, '54**, and the **Gene Brown's, '60**.

Warren Kan and wife, **Irene Cooley Kan, '58** live in Salem where Warren works with Oregon Fruit Products as Cost Accountant and Irene is a homemaker. They have one daughter, Pamela.

Captain **R. G. Archibald**, after a year of executive education at Sperry Gyroscope Co. and Republic Aviation, is now flying F-106's for Air Defense Command at Loring AFB, Maine.

The **Peter W. Malhuish's**, (Jane Connell) and their three children are at home in Beaverton, Oregon where Pete is manager of contract administration with Tektronix Co.

Paul D. Fillinger, his wife, **Glenda L. Cotton** and their three children moved to San Francisco last year where Paul took his present position as accountant executive with the Wyman Advertising Company.

'55

The **Milton Schultz** family is at home in Longview, Washington where they were transferred by Weyerhaeuser Company. They were formerly in Cottage Grove.

Captain **Warren E. Norman** is serving with the Tactical Air Command's 32nd Fighter Wing at George AFB, California; while **Captain C. Keith Sime**, after having received his Master of Science degree from the U. S. Naval Postgraduate school in California, is serving at Cherry Point, North Carolina. The Sime's have four children.

'56

Henry J. Gagnon owns Flanders Pharmacy in Portland, and is in joint ownership with **Ralph Myers, '49**, of Flanders Northwest Pharmacy.

Hal F. Broughton and Sally Marie Drinker were married in Portland last spring. They are living in California where Hal attends the University of California, working towards his masters degree in business.

A note from the **Gerrald Church** family finds them moving from Chicago to Mexico City where Mr. Church will be production manager for Kraft's Latin American operations.

James Linebaugh and wife, **Lorraine Burrill, '59**, have welcomed a daughter, Layne Leimoni. The Linebaugh's live in Kaunakakai, Molokai, Hawaii.

Dean L. Shumway, Associate Professor in Fish and Game at OSU, has extended an invitation to any old friends who happen to come to town, to visit the Shumway family.

Priscilla Horning, recipient of a General Foods Fellowship, will continue graduate work at OSU at the doctoral level during the 1964-65 year—in the area of family economics and management.

George E. Polvi, career life underwriter for the New York Life Insurance Company in Dallas, Texas, qualified this year for membership in two of the underwriters "top clubs."

'57

The **George H. Schmidt** family including wife, **Patricia Schutz, '52** and five children, are residents of San Leandro California where George works for Pacific Gas & Electric Co. Co-workers in the company include **Gerald Parsons, '61**, and **Jim Robinette, '59**.

Charles V. Hill, District Forest Ranger in Gila National Forest, New Mexico, writes that he was married early this spring. The bride, Tina, is a native of New Mexico.

Everett Lofgren and wife, **Barbara Stinnette** live with their two sons on the Port Hill Indian Agency where Everett is the Assistant Range Manager.

Robert R. Lee was named field supervisor of casualty-fire lines at The Travelers Insurance Company's Southwest agency office in Inglewood.

Captain **Bruce M. Parker** is presently enrolled in the school of Aeronautical Engineering at the University of Southern California. Captain Parker is participating in a year of study through the provisions of the air Force Institute of Technology, and will be reassigned following his graduation.

Mr. and Mrs. **Lyle L. Read (Joyce Jensen, 58)** are at home in Canby where Lyle is in the insurance business and Joyce teaches piano and organ and substitutes in school. Lyle was selected as outstanding Jr. Citizen last year.

John C. Narver will complete his Ph.D. studies at the University of California this year and has accepted an appointment as assistant professor of marketing in the Faculty of Commerce at the University of British Columbia. His wife and two children will accompany him.

'58

Captain **Alvin R. Theiss** is serving with the U. S. Air Force TAC unit at Aviano AFB, Italy, on a temporary duty assignment.

Frederic M. Hammann is an industrial engineer for the Hyster Co. in Portland.

1st Lieutenant **Robert G. Elmer** graduated from the training course for U. S. Air Force communications officers at Keesler AFB, Mississippi and was assigned to McClellan AFB, California.

Virgil Lewis Choate, vocation agriculture instructor at The Dalles High School, and Carolyn Elizabeth Carr were married in July. The couple is at home in The Dalles.

Carole M. Kennedy is teaching girl's physical education and health at Crater High School in Central Point, Oregon.

Dr. **Arthur G. Maki, Jr.** is a physicist employed in the Infrared Spectroscopy Section of the Atomic Physics Division at the National Bureau of Standards, U. S. Department of Commerce. A bachelor, Dr. Maki lives at Arlington, Virginia.

'59

Mrs. Dwaine Cruser (**Gerry Herron**) accompanied her husband, Dr. Cruser, Captain, USAF, to Chambley, France this summer. They expect to be there for three years.

John J. O'Keeffe is an engineer with Boeing on Minuteman Project, Wing V.

Keith A. Leppaluoto lives with his wife and son in Portland, where he works for the Internal Revenue Service. Co-workers include **Robert D. Burns, '61** and **Richard H. Armony, '54**.

The **John Welchs' (Mary Kathleen Craig)** announced the birth of their second daughter, Melissa Jane, from Heidelberg, Germany, where Lt. Welch is stationed with the U. S. Army.

Janet Mercer became the bride of Robert Yol-land last June in Portland. The couple are at home in Sacramento.

Harley B. Blankenship was appointed pension representative in San Francisco for Pacific Mutual Life Insurance Company. He and his wife, **Diana S. Demun, '60**, now live at 475 Warren Drive, San Francisco.

Timothy O. Sullivan is doing mathematical research for General Electric Co., in Santa Barbara, California.

Chester H. Morrell and wife, **Marsha McGuire, '60** are at home in Gilroy, California, where Chester is practicing dentistry.

Lt. James L. Beam is a naval aviator in Brunswick, Maine. The Beams have four children, two of which are twins.

Edwin J. Vargas is in business with his father in retail sales of agricultural supplies in Modesto, California, where he lives with his wife and four children.

Harley J. Smith, after having received his master's degree in business administration at the University of California, is now associated with Norman Meyer Realty, Inc., in Belmont.

Captain **Leslie W. Inman**, a McChord AFB doctor, recently assisted in a rescue mission in the mountains east of Seattle. He rode a helicopter to the airplane crash scene and gave aid to the survivors. His wife is the former **Carol Shaw, '58**.

'60

Jerry Myers, after working as a personnel trainee for Pacific Gas and Electric Company in San Francisco, was transferred to Sacramento as a personnel assistant. The Myers' first child arrived last spring.

The **Al Leggett** family including wife, **Mary, Schultz, '59**, and daughter, Beth, live in Oakland. Al is working at Leggett Insurance in Berkeley, and was recently elected vice-president of the Berkeley Junior Chamber of Commerce.

Mits Tamura was recently married to Muriel Armstrong in Oakland, where both work for IBM.

Floyd A. Snyder is working for the government in Germany.

William L. Mehlhoff is a teacher in Roseburg after spending two years with the Peace Corps in The Philippines.

Lt. James Chappelle is a staff ECM officer with JUSMAG in Bangkok, Thailand.

Ed Gilbert, his wife, Mike, and son are living in Sacramento where Ed is employed as Supervisor of Industrial Engineering at the Sacramento Army Depot.

Norman Parkhurst is presently serving with the U. S. Air Force at Oklahoma, where he instructs both in the classroom and on the flight line. The Parkhursts' have one child and expect their second in November.

Airman Third Class **Larry A. Knudson** graduated with honors from the technical training course for U. S. Air Force supply specialists at Amarillo

FOREMAN

Meet a front-line member of GM's management team . . . the on-the-job manager who makes things go in a General Motors plant. In his job, he is a man of many talents.

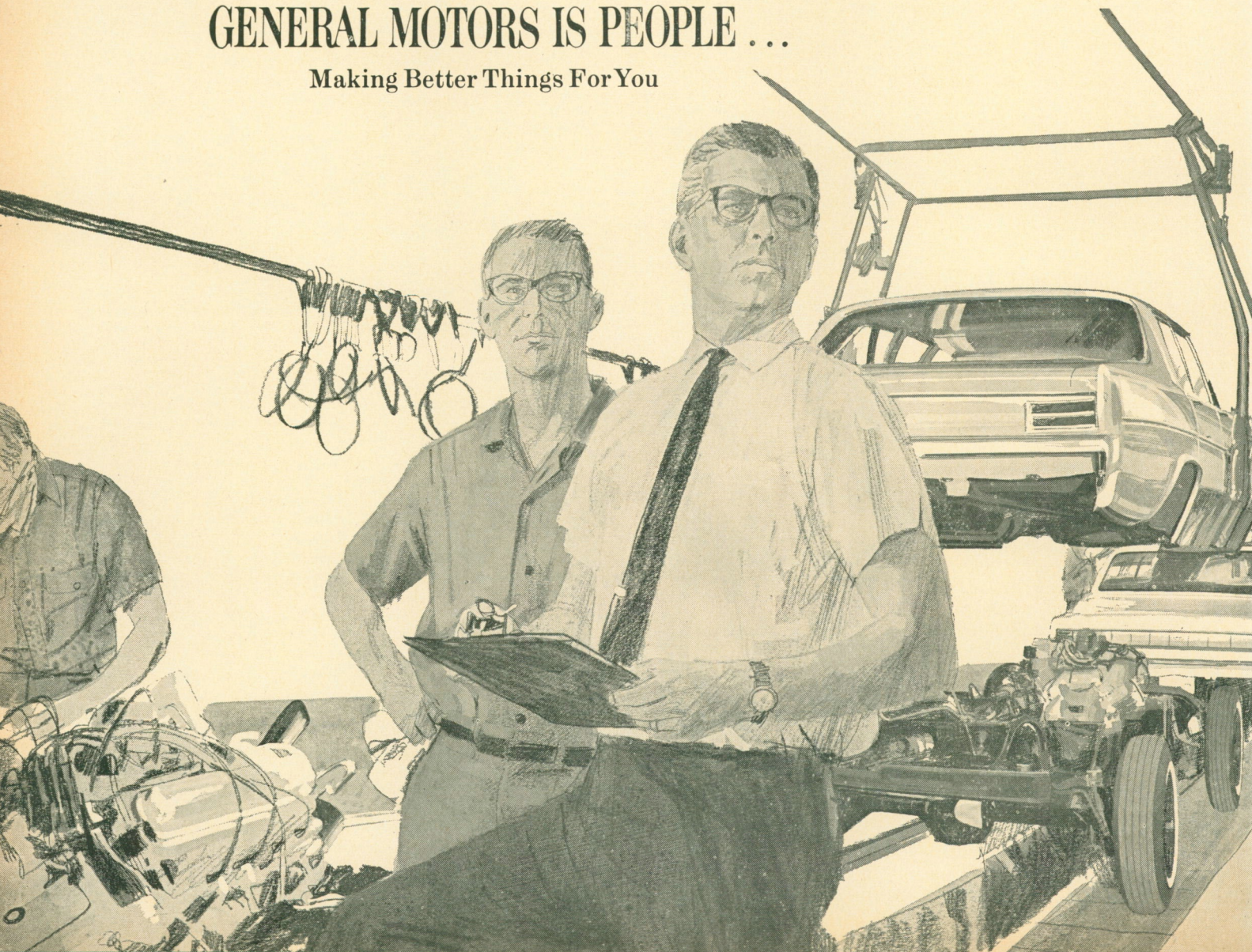
He interprets blueprints, sketches, orders, ideas . . . and he puts them into action. He trains workers and places them in jobs they are best qualified for. And he is responsible for the performance and safety of his men, as well as for the quality of their work.

There are 16,000 foremen in GM . . . a great many of them up from the ranks of the men they supervise. Their knowledge, experience and judgment are essential to General Motors progress.

People—able, dedicated people—are GM's greatest asset . . . and none is more important than the foreman, a capable, experienced member of the General Motors management team.

GENERAL MOTORS IS PEOPLE . . .

Making Better Things For You



AFB, Texas. He was assigned to his Idaho Air National Guard unit at Boise.

George S. Uchida is serving at Cape Kennedy, Florida as a mechanical systems engineer on the Titan III C launch program. His wife, Una, is with him.

Brent Alherton and **Judy Johnson Alherton**, '61, moved to Charleston, S. C. where Brent is continuing with aeronautics in field training at the Naval base there.

Mr. and Mrs. **J. Stephen Schaub** (**Diane Porter**) are at home in San Bernadino, California, where Steve is serving as an intern at San Bernadino County hospital. The Schaub's have one child.

The **Paul Menke's** (**Barbara Ronald**, '61) are in Delaware where Paul continues as a pilot for MATS on the C-124. Stationed at the base earlier in the year were **Bob Ronald**, '62, and **John Ball**, '62. The base commander, **Col Lloyd Humphreys** was a Beaver in the class of '35.

Helen F. Varian and **Bernie E. Davis** were married last summer in Portland and are presently at home in Albany.

Carole S. McFarland was married in San Francisco last fall. Her husband is regional sales manager of American Photocopy Equipment Company in California.

J. David Adams is now a tooling engineer for Boeing on Nasa Saturn V booster rocket in New Orleans.

The **James Thomson** (**Gail Dinwiddee**, '61) family, including one daughter, are living in Concord, California, where Jim is working for Wells Fargo Bank.

'61

Mrs. James B. Proebstel (**Anne R. Campbell**) moved to Los Alamos, New Mexico in July, where Jim works for the Los Alamos Scientific Laboratory.

Kathryn Lengfield and **William H. Cooksley**, Jr. were married recently and are at home in Vancouver, Washington.

David Clifford Bushnell and **Linda Lee Colonna** were married in California and are now living in Chicago where David is completing his Ph.D. at Northwestern University.

Raul A. Vernal is taking his internship at St. Vincent's Hospital in New York, and expects to take a residency in neurological surgery in another state.

Michael Griggs, former all American rifleman from OSU, had an article published in the July **American Rifleman** entitled, "Shooting International Running Deer."

Richard Alan Seideman, Klamath Falls, graduated from the Willamette University College of Law in June. His wife is the former **Sharron McConnell**, '61.

Tom Walters, his wife, **Meredith Thomson Walters**, and son, **Rusty**, live in Woodland Hills, where Tom works at the Woodland Hills Pharmacy.

1st Lt. and Mrs. **Ernie Harris** (**Shelly Stadheim**, '61) are at home at 718 Vernon Drive, Jacksonville, North Carolina, where Ernie is with the 2nd Bridge Co. Force Troops F.M. Flant at Camp Lejeune. They have one daughter, **Mary Beth**.

M. Michael Meheen graduated from the Hastings College of the Law, University of California in San Francisco in June. His wife, **Arlene Ellis**, '61 will be awarded her M.A. in Education at the end of the summer. They will be travelling to Europe in the Fall.

Mary Brillhart writes that she has completed her third year of teaching in the Salem School System. She will direct the Oregon Trail Council of Camp Fire Girls out of Pendleton this summer.

Nancy E. Ewart, now Mrs. L. David Montague, is

teaching the second grade in Redwood City, California.

Katherine P. Ford Durant is a resident of Salem, Oregon where she is a housewife and mother. The Durant's have one child, **Katherine Jean**.

Fran Ralston will complete a Master of Science in Child Development at Iowa State University this summer. In September she will become an Instructor on the staff of the University.

Darryl Curtis Ray lives with his wife and two children in Grants Pass, where he is a Forest Practice Officer with the Oregon State Forestry Department.

Karl Anderson, a Health Educator with the City of Portland, lives with his wife and child in Portland.

Gary M. Buford, a Civil Engineer with Stevens & Thompson, Inc. of Portland, was recently married to **Betty Lou Anderson**.

'62

James Sandeno, his wife, **Joan M. McMorris**, and daughter, **Robin**, became Washington residents in May. They moved to their Tacoma home when Jim began working as Plant Pathologist in the Agriculture Chemicals Division of Pennsalt.

Philip R. Tramontano is Loan Representative with the Alison Company, Whittier, California, where he serves as loan consultant for insurance companies.

William F. Daniel is Farm Management Supervisor with the U. S. Department of Agriculture in Ontario, Oregon.

Fred Van Jepmond, now with the City Planning Office in Tacoma, recently attended a symposium at OSU. He was formerly at Providence, Rhode Island.

Ronald Rex Dueltgen is working towards his doctorate in chemistry at the University of Michigan at Ann Arbor.

A June graduate of the U. S. Naval Academy at Anapolis, **Michael A. Farmer** is presently attending Nuclear Power School at Mare Island, California.

Jim Youde and his wife, **Judy Atwood**, '62, are living in Madison, Wisconsin where Jim is working for his doctorate in Agricultural Economics at the University of Wisconsin. Judy is teaching in the business department at LaFollette High School.

Captain and Mrs. **Wendell Hull** (**Ann Louise Harry**, '62), are living at Maxwell AFB, in Montgomery, Alabama.

Ed Robinson, formerly an intern teacher under the Ford Foundation's Oregon Plan, will return to the OSU campus this fall for graduate studies.

Alisa Evelyn McEachran is Assistant Professor in the School of Home Economics at the University of British Columbia, Canada.

Laura Andreatta, now Mrs. Ron Caselli, is a teacher in Monterey, California.

Lt. jg **Gil Baker** has been assigned to the USS Hancock and will make his first West Pacific cruise as a Naval aviator this fall.

'63

David A. Russell is with the Internal Revenue Office in Sacramento, California.

Marilyn S. Arnett is working as assistant to Librarian and curator of art at George Washington University in Washington, D. C.

Recreational Therapist, **Nan L. Johnson** is employed at the State Hospital at Napa, California.

Dennis L. Miller recently completed the U. S. Army course of instruction at Officer Candidate School, Fort Benning, Georgia. He was commissioned and is now stationed in Korea.

Sports announcer **Richard Good**, formerly with radio station KLOO in Corvallis, has been called

into military service. He will serve with the Army at Redstone, Alabama.

Keith Long sailed with his wife, **Peggy Rasmussen**, '61, to Yokosuka, Japan this spring, on the USS General Mann. Mr. Long was commissioned by the Naval Officer Candidate School and will serve in communications at Yokosuka.

Ens. and Mrs. **Bruce Douglas** (**Kathleen Kennedy**, '63), are living in Seattle, where Bruce is assigned to a guided missile destroyer that is under construction there, and Kathleen works for the Seattle Times. Following completion of the ship, they will be home ported in Hawaii.

David D. Willey and **Linda C. McClure** were married last year and are presently living at Colorado Springs, where David is serving as a medical officer at Nearby Fort Carson.

Bob Ballenger and **Sue Gill** were married last winter and are now in Eugene where Bob is employed with Bohemia Lumber Co., and Sue teaches at Roosevelt Junior High School.

Jerry J. Dick, a graduate student at Brown University, plans to enter Church Divinity School of the Pacific, Berkeley, California this fall in preparation for the clergy.

Bill "Beetle" Baily writes that he is in the Public Health Service stationed at Savannah, Georgia, and would like to contact any Beavers in the area.

Linda Davis, a graduate student at Wellesley College, is spending the summer in New Orleans at Tulane University. She is anxious to hear from any neighboring alums.

Mr. and Mrs. **Jess C. Kauffman** (**Lois M. Emmert**, '63), are living in Canada where Jess heads the Business Education Dept. of the Northern Alberta Institute of Technology, and Lois is in charge of the Home Economics Department in the Britannia Junior High School.

Paul Gladstone Willetts received a degree from the American Institute for Foreign Trade in Phoenix, Arizona this year. He is employed by Firestone Tire and Rubber Company.

'64

Mr. **James C. Hill** recently joined the staff of the Electronic Engineering Department of the University of California Lawrence Radiation Laboratory in Livermore, California.

Deaths

Aubert A. Leavens, '00, died December 31, 1963. No details are known.

Ralph F. Harder, '01, was reported deceased to the Alumni Office. No details are available.

Edward Benjamin "Dad" Beaty, '03, the first life member of the Alumni Association, died September 3, 1964. A retired mathematics professor from the OSU faculty, Mr. Beaty was fondly known to thousands of students, staff and townspeople as "Dad."

He was active in many community activities including Masonic Lodge and Corvallis A.F. & A.M. Lodge. Survivors include his wife, **Mabel**, one daughter and one son.

John Maxfield Graham, '05, retired postmaster and Kings Valley resident for many years died in a Corvallis hospital September 16, 1964. He was a resident of Kings Valley from 1918 until 1953, when he retired from the position of postmaster and moved to Corvallis. His wife, a son and a daughter survive him.

Nollie Frank Reed, '07, died August 5, 1964. No details are known.

Mrs. M. G. Andresen (**Bertha Estella Watrous, '07**), was reported deceased by her sister. No further information is available.

Robert M. Kerr, '09, died August 29, 1964, at his home in Rexburg, Idaho. His wife, Annie, three sons and one daughter survive him.

Max Adams McCall, '10, retired assistant chief of the former Bureau of Plant Industry of the U. S. Department of Agriculture, died June 22, 1964, while on a pleasure trip to Europe. An agronomy major, Mr. McCall was a frequent visitor to the OSU Department of Farm Crops while in his position with the USDA in Washington, D. C. His wife survives him.

F. Ross Brown, '10, died July 17, 1964, following a brief illness. A former county extension agent, he owned and operated the Brown Auto Company at Albany prior to his retirement in 1955. Since his retirement, Mr. Brown traveled widely for the National Wildlife Federation and served as its western president and vice-president. Survivors include his widow, Ella, two sons and two daughters.

Russel H. Fleser, '10, former chief engineer with The Texas Company in Los Angeles, California, died March 1, 1964. No further information is known.

Ralph H. Hawley, '10, died September 25, 1964, at Powers, Oregon, where he had lived for the past twenty-three years. He was a life member of the Disabled American Veterans, having served with the U. S. Army during World War I, and was engaged in a timber and mining business in Benton County.

Survivors include his widow, Elizabeth, a son, two daughters, six grandchildren and six great grandchildren.

Gertrude Frances Nolan, '11, retired business woman and native of Corvallis, died September 27, 1964. She had been in business management in Corvallis for a number of years prior to her retirement in 1952. A member of St. Mary's Altar Society, she was also active in civic and business groups in the community. A sister-in-law and one cousin survive her.

William D. Haskell, '11, died July 21, 1964. Prior to his death Mr. Haskell had been a member of the teaching staff at Benson Polytechnic High School in Portland. His wife, Elsie, two daughters and two grandchildren survive him.

Elmer "Snap" McManus, '12, a prominent La Grande druggist died August 31, 1964. He had served in his profession for 52 years, and was also active in the city's musical life, serving as solo trumpet player in the La Grande Municipal band. Survivors are his widow, June, three sons and a daughter.

Benjamin A. Eddy, '14, died September 18, 1964, in Santa Rosa, California, where he had lived since 1950. A former engineer with the U. S. Corps of Engineers, Mr. Eddy retired in 1954. His widow, Gladys, two sons and two daughters survive him.

Inez V. Bozorth, '15, died in a Portland convalescent home September 26, 1964. A daughter of Astoria pioneers, Miss Bozorth had been with the University of Michigan for thirty years prior to her retirement in 1954. She was a life member of the Alumni Association, the Delta Delta Delta sorority and other civic and social groups.

Surviving are two sisters.

Ethel Allen, '16, died at her home in Salem, Oregon, August 6, 1964. She was a life member

of the Alumni Association and had worked in the college library and college editors office until her retirement in 1955. One brother, J. Davis Allen, survives her.

John Emery Gillmore, '19, died July 1, 1964 in Seattle. No further details are known.

Florence Holmes Gerke, '20, garden editor of the Oregon Journal for many years and internationally recognized landscape architect, died August 22, 1964, following a long illness. A member of a newspaper family, Mrs. Gerke was club and society editor for the old Telegram before coming to the Journal. Her husband, Walter and a daughter survive her.

Craig C. Condit, '22, died September 27, 1964, at Forest Grove. He was a businessman and civic leader there, having been a member of the Chamber of Commerce, American Legion, the Gale Grange, Kiwanis Club, and other groups.

Survivors include the widow, Eva, four children and eight grandchildren.

Esmond Glossop, '23, died August 28, 1964. No further information is known.

Fern Stow Butcher, '24, died July 10, 1964, following an illness of several years. Further details are unavailable.

Franklin E. Gilkey, '25, long time service station operator and insurance associate in Newport, died July 14, 1964 in a Portland hospital. He was a member of several fraternal and civic organizations in Newport, and leaves as survivors his widow, two daughters and five grandchildren.

C. Marshall Dawes, '26, died in a Corvallis hospital September 6, 1964. Mr. Dawes was engaged in building construction in the Corvallis area and was an enthusiastic supporter of the OSU sports program. Besides his wife, he is survived by two brothers.

Park Edward Coleman, '28, former Portland Beaver and Philadelphia Athletics outfielder, died at Oregon City, August 5, 1964, following a three-month's illness. Mr. Coleman was a brother of OSU baseball coach Ralph Coleman.

Arthur Lincoln Ewell, '28, died September 4, 1964 at his home in Yakima. He had spent most of his business life in Seattle and was associated with Angelus Mobile Homes in Portland. Survivors include his wife, Thema, and two sons.

Pacific Coast lumber executive, **Robert E. Dant, '29**, died at San Francisco, October 1, 1964. A specialist in the steamship business, he adopted many advanced designs for mariner freighters, and extended his interest to yachts, including his 92 foot "Gallant Lady."

Among his survivors are a son, his mother and two brothers.

Harold E. Meacham, '30, of Waldport, died September 22, 1964. A former employee of the Pepsi Cola Bottling Co., Mr. Meacham had been retired since 1958. Besides his wife he is survived by one son, one daughter and two grandchildren.

Wilbur A. Moore, '31, died September 17, 1964 in a Seattle hospital. A veteran of World War I, Mr. Moore had spent 25 years in the Portland office of Shell Oil Co. Survivors include his widow, Elaine, a stepson and two brothers.

Rollin Ausben Deck, '31, was reportedly deceased in May, 1964. No further details are known.

Sim E. Jarvi, '32, supervisor of Angeles National Forest died while hiking the Mt. Waterman Trail July 7, 1964. He was respected and known for pioneering forestry methods in Southern California, and is survived by his widow, three sons and a daughter.

Eldon Edward Ball, '33, supervisor of Sequoia National Forest died July 22, 1964 after a lengthy illness. He had been with the U. S. Forest Service since 1935. He leaves his wife, Kay, and a son.

Kenneth O. Watkins, '34, life-long miner, died July 25, 1964, at a local hospital near his Philomath home. His wife and one son survive him.

Marjorie L. Daue, '34, died on Kwajalein Island in the Marshall Islands two months after her arrival with her husband who was on a defense department assignment. Besides her husband, two sons remain.

Harry Montague Field, '35, one of Oregon State's "11 Iron Men" of football, and former pro ball player, died on his native island of Maui, T. H., May 23, 1964. At the time of his death he was serving as State Senator at Large representing the islands. His wife had died in 1961, so only five sisters remain.

Adolph Daniel Schmidt, Jr., '35, former brewmaster of Olympia Brewing Company, died in July, 1964.

Col. Harold W. (Tub) Brown, '37, died August 12, 1964 while vacationing in Newport. A native of Corvallis, he entered military service in March, 1942, and served during World War II and in Korea as an infantry officer. Survivors include his widow and a daughter.

Ormiston L. Tennis, '37, land agent for the state of California, died August 27, 1964.

Robert Paul Sasser, '38, Bonneville Power Administration employee, died July 15, 1964. A resident of Portland, Mr. Sasser was active in youth work and served on committees for the YMCA and Boy Scouts. His wife, Mary, and two sons remain.

Martin E. Kranick, '40, holder of the Air Force Distinguished Flying Cross, Air Medal and 3 Oak Leaf Clusters, died March 13, 1963. Remaining members of his family include his widow, Vivian, and two sons.

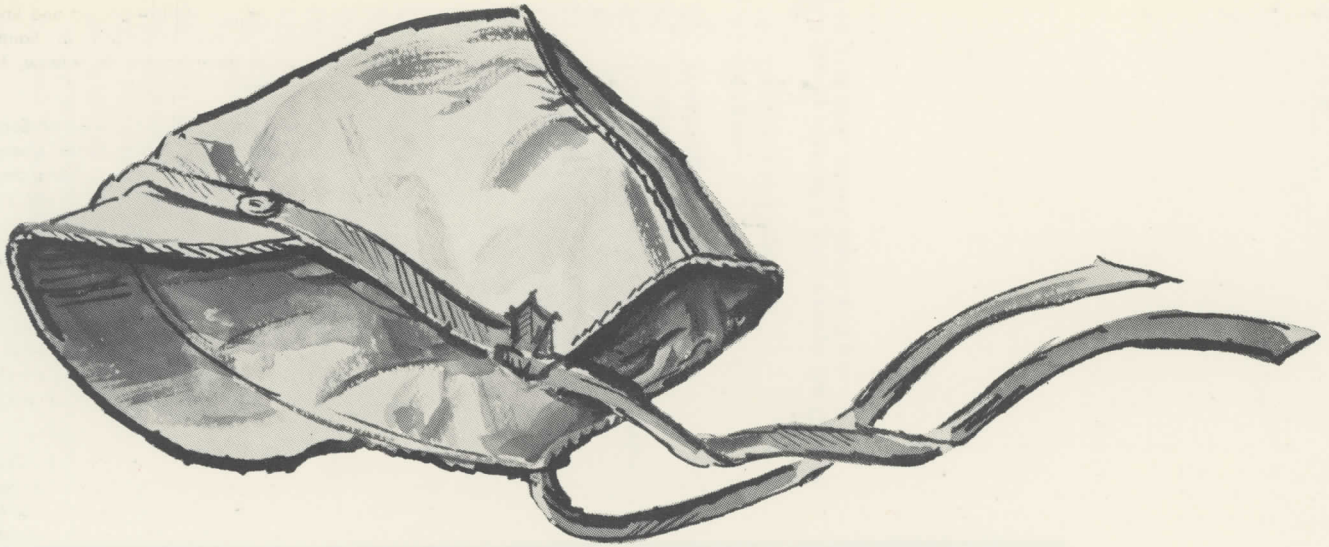
Carl Parker Gies, '41, well-known Salem and Independence lawyer and a distinguished World War II flyer, died July 2, 1964. He had been ill for two months prior to his death, and was confined to a Portland hospital. His widow, Loeta, three daughters and one son survive him.

William Robert Shinn, '47, general manager of the Willamette Cherry Growers, chairman of the Governor's Import-Export Committee and the Oregon Cooperative Council, died September 14, 1964, in a Salem hospital. Survivors include the widow, Mariam, and three children.

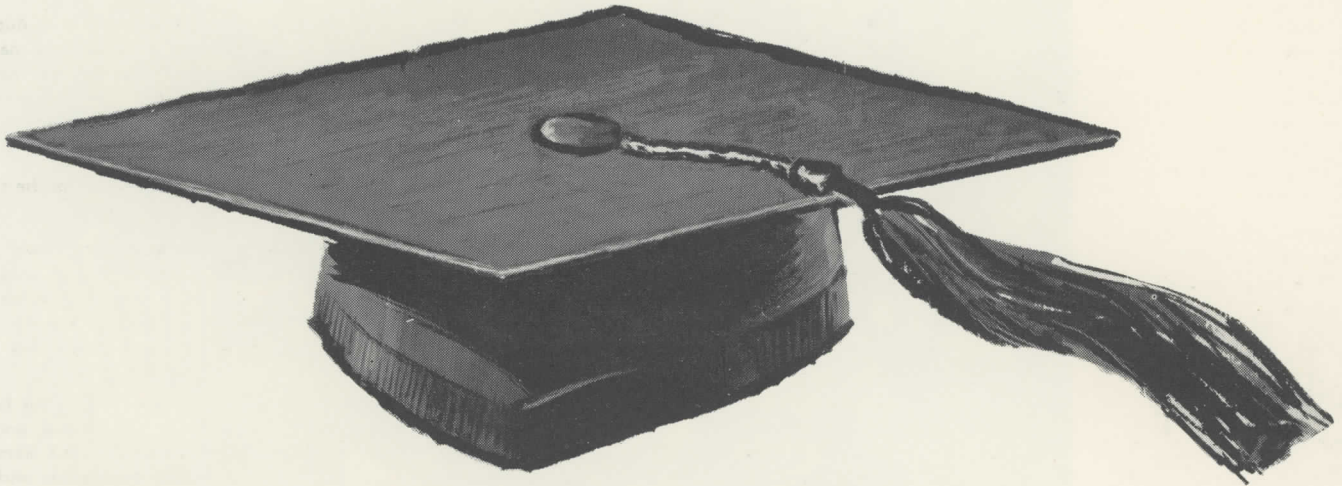
The death of **William Arthur Bahr, '51**, in August, 1964, was reported by his wife. No details are known.

Charles B. Jansson, '55, was a drowning victim in the Columbia River August 29, 1964. A native of Stockholm, Sweden, Mr. Jansson was employed as a civil engineer with the U. S. Corps of Engineers at the time of his death. His wife, a son and a daughter survive him.

Neal J. Kelleher, '62, died from injuries suffered in an automobile crash July 21, 1964. He was an accountant with Freightliner, Inc. at the time of his death.



LEADERS ARE BORN



THEN MADE

In our complex world, the "born leader" isn't enough.

He needs *training* so he will possess the knowledge, technical skill, and the culture and vision that distinguish the leader from the rank-and-file.

These assets are, for the most part, the product of higher education. In fact America must count on college-trained leaders to hold our position in many areas . . . in science and invention, in business, trade, and jobs, in our living standard and moral influence.

But there are danger signs. Higher education is in

trouble—some colleges face shortages. The big test is just ahead when applicants at colleges will double. To maintain our world lead, we must maintain our colleges—with enough classrooms, laboratory facilities and competent teachers.

College is America's best friend. Support the college of your choice.

If you want a clearer picture of how the college situation affects all of us, write for a free booklet to: **HIGHER EDUCATION, Box 36, Times Square Station, New York 36, N.Y.**



Published as a public service in cooperation with
The Advertising Council and The Council for Financial Aid to Education.



1964-65 Basketball Schedule

Dec. 1	San Francisco
5	Washington
9	Arizona State
19	Stanford (at Portland)
23	Cincinnati (at Cincinnati)
26-30	Far West Classic (at Portland)
Jan. 8	Southern California
9	UCLA
15	Washington (at Seattle)
16	Washington State (at Pullman)
18	Idaho (at Moscow)
29	Oregon (at Eugene)
30	Oregon*
Feb. 5	California
6	Stanford
9	Hawaii
12	Stanford (at Stanford)
13	California (at Berkeley)
19	UCLA (at Los Angeles)
20	Southern California (at Los Angeles)
26	Washington State
27	Washington
Mar. 5	Oregon
6	Oregon (at Eugene)

* All games start at 8 p.m., except the Oregon game on Jan. 30th, which starts at 3 p.m.



Placekicker Steve Clark kicks winning field goal against University of Washington. (Final Score: OSU 9- UW 7)