

the
OREGON STATER

Volume 25

November-December

Number 2



Rose Bowl

We wish you

A Merry Christmas and A Happy New Year

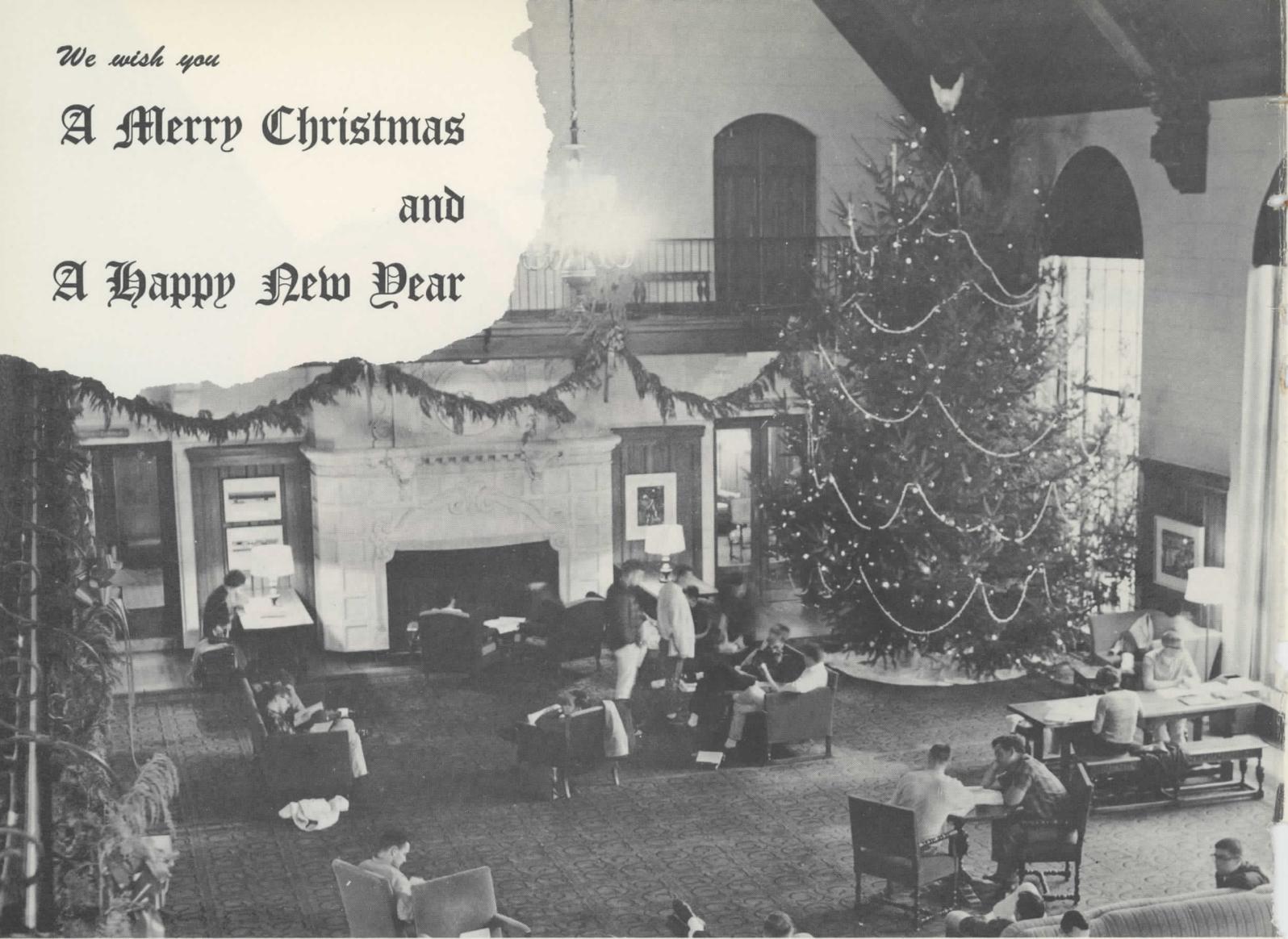


Table of Contents

- 3 News of the campus
- 5 Oregon State: "Home Away From Home"
Rich Hansen, senior in science and editor of the Barometer, gives impressions of OSU.
- 7 Rose Bowl Comes to OSU
A picture display of Oregon State's march to the Jan. 1, 1965 Rose Bowl classic.
- 12 Rose Bowl TV Program
Rosters and probable starting lineups for Oregon State-Michigan Rose Bowl game.
- 14 Outstanding Teachers
Rad Dewey, junior in Humanities, writes about 1963-64 teaching awards.
- 17 1964-65 Beaver Basketball
Athletic Publicity Director John Eggers reports on OSU basketball.
- 19 Remember When
A glimpse at basketball, as played and reported at the turn of the century.
- 21 Alumni in the news
- 23 News of former classmates
- 27 The 1965 Rose Bowl Beaver Football Team

volume 25

number 2

nov.-dec. 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

Campus

Vejlupek is Queen

An Oregon State coed of Czechoslovakian descent—Judy Vejlupek—was the 1964 Homecoming Queen. She is 20 years old, five feet five inches, weighs 120 pounds and is a dark brunette.

She is the daughter of Mr. and Mrs. Joseph F. Vejlupek of Salem, Oregon.

The senior in elementary school education was crowned OSU Homecoming Queen at the Henry Mancini concert, Friday night.

Miss Vejlupek is another Alpha Chi Omega girl, and was selected queen by vote of the OSU student body. She was one of the court of five contestants. The court included Sharon Ertz, Salem; Janet Hall, Newport; Paula Pahkala, Clatskanie; and Mary Lou Loomis, Purcellville, Va.

Tailflappers Regroup

The Oregon State Tailflappers have again become officially active. They were approved by Student Life Committee early in October.

Tailflappers have been, traditionally, junior and senior men who dressed in white shirts and orange and black Tailflapper hats and sat in a special section at OSU athletic events. They have contributed to the spirit of athletic contests with skits and spontaneous yells in unison.

For the past two years, Tailflappers have not been in existence as such, having been disbanded. The Tailflapper section at games has been filled with all male students wearing white shirts who desired to sit there. There has been no central organization under this scheme.

The activities that ruined the Tailflapper organization in the past will not be a part of the 1964-65 edition, according to Dick Robertson, president. Instead, emphasis is going to be placed on short skits and yells that conform to general good taste, with a sarcastic overtone at times, but excluding all rash and undesirable elements, Robertson stressed.

Zeran Honored

Dr. Franklin R. Zeran, dean of the School of Education, recently received the Air Force ROTC outstanding service award.

The plaque and a letter from Brigadier General William C. Lindley, commandant of Air Force ROTC with headquarters at Maxwell AFB, Alabama, was presented to Dean Zeran in recognition of his voluntary contributions and outstanding service to the Air Force and its ROTC program.

Dean Zeran rendered meritorious service to the USAF from June 1962 to June 1964, by voluntarily and consistently supporting the educational mission and public affairs program of the Air Force ROTC detachment at OSU.

The citation said that from the national level of education, during the period of World War II to his present position, he has consistently supported the educational mission of the United States Air Force both in word and deed.

His leadership and ability materially assisted in solving many academic problems involving the Air Force ROTC program. His

contributions were of major benefit to the cadet corp and the mission of the Air Force ROTC.

OSU Honors Three

Oregon State presented its first Distinguished Service Awards Oct. 29 to Dr. Linus Pauling, M. Lowell Edwards, and Ernest H. Wiegand.

The awards will go annually to persons who have made outstanding contributions to society, President James H. Jensen said.

Pauling, only person to ever receive two individual, unshared Nobel Prizes, is a 1922 OSU honor graduate in chemical engineering. He received the Nobel Prize in chemistry in 1954 and the Nobel Prize for Peace in 1962. Pauling has been awarded honorary degrees from 12 universities around the world for his scientific work, with the first of the 12 coming from Oregon State in 1933.

Edwards, a 1924 electrical engineering graduate, is an inventor and manufacturer. He developed artificial heart valves that opened up an entire new era in heart surgery and holds 63 patents in the fields of aircraft, pulp and paper, and medicine. He now heads his own research and manufacturing firm in Santa Ana, Calif.

Wiegand started and headed the OSU Department of Food Science and Technology for 33 years before his retirement from the faculty in 1952. He has been the leader in the development and promotion of new food processes—such as maraschino cherries—that have added millions of dollars of continuing wealth to Oregon's and the nation's agricultural economy.

The presentations were made at Charter Day Convocation marking the start of OSU's 97th year as the state's oldest public institution of higher learning.

Student Shortage

American agriculture may have surpluses of some crops right now but it also has a shortage—the fewer-than-needed number of students taking agriculture in U. S. universities.

Wilbur Cooney, associate dean of agriculture at Oregon State University, emphasizes that career opportunities in agriculture were never better, though of a different nature than a quarter-century ago.

The number of workers on the farm is going down but the number of jobs in agricultural-related industries continues to climb with new developments in food processing, marketing, chemicals, research, etc.

"Agribusiness" provides gainful employment for approximately 37 percent of the total labor force of the United States. This includes all persons employed in various facets of farm-related business—processing and marketing of crops, sales, farm machinery and supplies, finance, and farm service.

"Year after year, industries associated with agriculture have expressed disappointment in the number of graduates available for employment," Cooney said.

"Food industries, in particular, have stepped up their campaign to attract more outstanding young people through extensive scholarship and information programs. But the demand for trained workers exceeds the supply in almost every agricultural field."

The OSU School of Agriculture had serious drop-offs in enrollment in 1959 and 1960 but has registered small increases in

student numbers most years since then. The 851 total in agriculture this year, however, is still only about 100 more than in 1954—when there were only half as many students enrolled at OSU as now.

"Lack of appreciation by the public of the many excellent opportunities for agricultural graduates is one of the major disappointments to agricultural leaders and educators across the country."

Television Students

Approximately 5,000 Oregon State students will be watching television this school year as part of their class work.

They'll be enrolled in philosophy, psychology, biology, writing and hygiene classes that will be taught by TV. Most of the classes will be shown on the OSU closed-circuit television system that carries the telecasts only into four specially-equipped classrooms. Some will be carried over KOAC-TV, Channels 7 and 10.

A special film has been prepared also for showing on the closed circuit TV system to give new freshmen a quick but thorough orientation on use of library facilities. Freshmen viewed it during the first week of classes as a help in their college studies.

The TV courses have proved popular with many OSU students since they were first introduced on an experimental basis in 1957, according to Harold Livingston, speech professor who is chairman of the campus TV committee. That year, 100 students took a chemistry class by TV. Since then, the TV class numbers have climbed steadily to the 4,256 figure of last fall.

If students have serious objections to taking the work by TV, they may enroll in sections of the courses taught in traditional fashion.

Livingston sees TV as a tremendous tool for education. Some 266 U. S. colleges and universities now have closed circuit television networks, and so do 78 medical and dental schools and 98 elementary and secondary schools.

OSU helped pioneer TV courses and has done considerable research on most effective use of tele-courses. Studies show that students who take the courses by TV score as well on tests at the end of the term as do students who have taken the course in usual classroom fashion.

Controlled Hunting

Oregon State's 11,500-acre McDonald Forest, located 10 miles north of Corvallis, is proving invaluable for student education and in guiding deer management policies for the forest and similar controlled deer hunting areas.

During the last 11 years, McDonald Forest has served as an outdoor laboratory for nearly 400 students in OSU's Department of Fisheries and Wildlife and in the School of Forestry.

The area was first opened to controlled either-sex deer hunting for the public in 1953. During the 11-year period, McDonald Forest has provided Oregon deer hunters with over 23,000 man days of recreation and 3,276 deer.

This year the forest again opened to hunting on four weekends ending Nov. 15. All hunters were required to check in and out of the area at the checking station located

at the Oregon State Game Commission's regional office at Camp Adair.

From the 11 years of hunting in the McDonald tract, game officials point out several interesting statistics.

When either-sex hunting was first permitted, 23 percent of the harvested deer were bucks while 77 percent were does and fawns. This ratio has changed steadily until last year the harvest was 49 percent bucks and 51 percent does and fawns.

Hunting pressure has increased markedly each year from an initial hunter-day population of 189 in 1953 to 4,749 in 1963. With increased hunting pressure, the number of deer shot by hunters mushroomed from an initial bag of 39 deer in 1953 to 498 in 1963.

Even though the number of deer shot by hunters increased more than 10 times, the hunter success per day of hunting has dropped from 21 percent in 1953 to 10 percent in 1963, a result of the almost 20 times increase in hunting pressure, OSU Fisheries and Wildlife staff members point out.

Largest deer ever brought out of the controlled 11,500 acre hunting area was by Dr. C. E. Bond, professor of fisheries at OSU. His big five-point buck, killed in 1958, weighed 182 pounds dressed.

Several unusual trophies taken from McDonald Forest include a buck with 15 points on one antler side and 11 on the other. Another prime three-point "buck" killed in 1960 by an OSU student turned out to be a doe that appeared normal in every respect except for the unusual antlers.

Business Report

Why did Oregon have the dubious distinction of leading the nation in business failure rates from 1957 through 1962?

That question is answered in the new issue of Oregon State University's "Northwest Business Management" magazine, but the answer is not a simple one and it had to explain a paradox. During the time Oregon was leading the nation in failure rates, it was also doing considerably better economically than the nation as a whole.

Several related reasons for the high business failure rate are pinpointed in an article by Charles L. Sauvie, economist and research director for Planning and Development, Oregon Department of Commerce.

Although failure rates in the lumber industry have been high in recent years, they do not explain fully why Oregon has been leading the country in business failure rates, Sauvie emphasized.

His research shows that businesses failing in Oregon were considerably smaller in size than the U. S. average, were younger on the average, and that a bigger portion of the business failures in Oregon was attributable to inexperienced management. The third factor is related to the other two, Sauvie explained, since good management is hard to find for new and small businesses.

More than half of the business failures in Oregon are attributable in part to managerial inexperience, he noted.

The fact that Oregon has a higher percentage of small businesses in its business population than the nation as a whole must be considered. So must the fact that Oregon is an economically-expanding state with relatively more new businesses started each year than for the nation as a whole.

States with the high failure rates are those with a high rate of business activity, and in addition to Oregon include, California, New York, Florida and Arizona.

A breakdown of the 373 business failures in Oregon in 1962 shows 40 were lumber and lumber products concerns; 18 were in wholesale trade businesses; 185 in retail trade; 65 in construction; and 50 in commercial service—passenger and freight transportation, repair service, hotels, etc.

Lumber and lumber products failures accounted for 10.7 percent of Oregon's total in 1962, Sauvie said. The U. S. average for lumber and lumber products concerns the same year was 2.4 percent. However, Oregon also has proportionately about five times as many lumber businesses.

Outside of the lumber area, Oregon had markedly more than its share of failures in retail food stores, the automotive group, eating and drinking places, passenger and freight transportation, and building subcontractors.

"These industry groups have several things in common," Sauvie wrote. "A person can get started in them with a comparatively small investment. They can be entered on a small scale and credit is quite readily granted through time purchases of fixtures and equipment. Furthermore, a person can go into these businesses—or thinks he can—without experience in these lines."

What it adds up to is this, Sauvie comments, relatively more new businesses are being formed in Oregon than in the nation as a whole. People are encouraged to start businesses in Oregon because of the favorable economic conditions and, in some instances, by their desire to move to Oregon.

If a business is to fail, it is most likely to do so in the early years of its operation, he said. Poor and inexperienced management, the failure to study markets and to obtain adequate financial backing before launching a new business are important causes of failure of young businesses. Those that do survive the early, trying years—the first six—have a better chance of continuing success in Oregon than in the nation as a whole, Sauvie reported.

He cautions those considering a business venture to analyze carefully the facts before entering into a new business or purchasing an existing business. It is, practically speaking, impossible to get too much information on a proposed business venture, he stressed.

Christmas Shopping

Christmas is a time of joy and giving, but it is also a time of heavy expense for many families as budgets are stretched to provide gifts, large family dinners, and the other activities which are part of the holiday season.

However, some careful thought and planning can make things easier on the pocketbook and help make the Christmas spirit last by reducing concern about the family bills, points out Mrs. Alberta Johnston, OSU extension home management specialist in family economics.

Planning in advance means making a Christmas list, placing limits on how much you can spend, and having some definite ideas about the gifts you want to buy.

Gifts are an important part of the average family's budget, whether we realize it or not.

Most families spend between three and five percent of their income on presents, largely concentrated around Christmas.

A frequently heard phrase this time of year is "charge it" as consumers use convenient charge accounts to buy the goods they want. She warns however that the buyer should remember he is obligating himself for future payment.

To avoid bigger bills than you intended, keep a running total of how much you are charging. If you are paying for the goods over a period of several months, credit charges must be figured as part of the cost of the gift.

Starting your Christmas shopping early is an excellent way to save money. The early bird has time to do comparison shopping and find the store which gives the best value for the least money. Last-minute shoppers have a tendency to take the first thing they see, regardless of cost or value.

This year, merchants expect one of the biggest Christmas seasons ever and prices will run a little higher, primarily because of an ungrading in merchandise quality.

Although Mrs. Johnston advises shopping early, she does have a kind word for the last minute shopper who can sometimes find the right gift at a reduced price the night before Christmas. Although you might find a bargain, you also run the risk of not being able to get what you want when you wait.

The "best" Christmas shopper is one who plans and buys periodically throughout the year, thus spreading the cost over several months and avoiding a last minute financial drain.

Many start the day after Christmas and take advantage of post-holiday sales on such items as greeting cards and wrapping paper. The shopper who spreads the cost of Christmas over several months is also in a position to take advantage of other sales as they occur during the year or to make larger purchases with less financial strain.

Ag Agent Awards

Three Oregon State University Extension agents have received national educational awards based on demonstrations of professional competence in extension education, according to Gene Lear, associate director of the Oregon Cooperative Extension Service.

Gray Thompson, 4-H agent in Umatilla County, was named to receive the 1964 Pfizer Award for county agricultural agents. Only one of the \$3,000 awards is granted each year, to an outstanding county extension agent chosen from extension staffs throughout the nation. Another Oregon extension agent, Louis Gross, Yamhill County, won the Pfizer award two years ago.

Constance Ann Meyer, Linn County 4-H extension agent, was awarded one of six National 4-H Fellowships, amounting to \$3,000, which go to agents from throughout the United States, who are doing an outstanding job with 4-H club work.

John K. Frizzell, extension agent in Wasco County, has qualified for a fellowship to the National Agricultural Extension Center for Advanced Study at the University of Wisconsin. The fellowships are normally reserved for extension workers serving in administration or training positions. However, fellowships are occasionally awarded to county extension agents who show exceptional merit.

from an undergraduate

Oregon State: "Home Away From Home"

What is Oregon State? In a word: home. The sprawling campus, abustle with activity, noise and excitement during a morning break or calm and restful in the late afternoons, seems to be so many things but above all, to me, it's home.

Several years ago, when still a freshman, Oregon State was only a "thing," a strange, almost wonderful but always frightening thing. It was a thing not to love and remember but to return to for studies with masses of unrecognizable faces, smelly chemicals and rainy days.

Now, a few years older and a lot more sentimental, OSU is a shrine, a way of life, a home to return to. I like the quad with its green grass, its small carefully trimmed hedges and wide open spaces. I like the Memorial Union, its proud dome, Carillion bells and friendly open doors.

I like the people, smiling faces on the street, quick "hello's" between classes, friendly chats in the commons and genuine friends all over.

Oregon State has a beautiful campus. I like its buildings—historic and stately Benton Hall on the east and Kidder Hall on the west. I like the modern, shiny new structures—Physics-Chemistry to the north and Wm. Jasper Kerr library to the south.

Trees are very much a part of the OSU profile. The tall Douglas firs on lower campus set off the birch, the oak and the maples that offer seasonal shade in the summer, colored atmosphere in the autumn and barren skeletons in the winter. I love the trees as they are; I miss the trees that were lost in "the storm."

Oregon State puts on a new face every season and I like every one. In the fall it's full of new energy, fresh from a three month rest and fired with enthusiasm. It's usually warm and even sunny although the mornings are cold and sometimes frosty. The afternoons are long and pleasant, filled with intramural football games and long bicycle rides.

Winter is rainy, even snowy at times, but seldom dreary if one is truly young at heart. The rain is not what you'd call a driving, cold rain but more of a constant or intermittent drizzle—Oregon mist or liquid sunshine. Umbrellas, unheard of in high school, are really "in." They pop up everywhere.

If winter is the shortest term then spring has to be called the most fun. Sun porches are the thing in the afternoons; bermudas are "it" on campus. Studies forgotten, many flock to the beaches. The trees and shrubs, so drab just a few months before, break out in fragrant blossom. The campus is seldom prettier, dressed in the colored petticoats of May. And then, least we forget, there is spring love. Ah, love . . .

All this is Oregon State, home of its students, present and past. Not always immediately apparent, the natural and inner beauty of a place must come from understanding. That's home away from home—OSU.

by Rich Hansen, '65

Editor, OSU Daily Barometer





College men in good company

Ask any alumnus who's a Massachusetts Mutual policyholder. (And there are lots of them!) He'll tell you Mass Mutual is outstanding.

It is a company with 113 years of experience, a dynamic record of growth and \$3 billion in assets.

Its policies are unsurpassed in breadth and depth of protection per dollar paid.

And these Mass Mutual policies are tailored to your individual needs by agents who are widely recognized as an elite corps of professionals. (Example: one in every five Mass Mutual agents is a Chartered Life

Underwriter—one of the industry's top achievements. The industry average is one in 21.)

Some of your fellow alumni who are Mass Mutual representatives are listed below.

So, when you deal with Mass Mutual you are in very good company indeed.

**MASSACHUSETTS MUTUAL
LIFE INSURANCE COMPANY**

Springfield, Massachusetts / organized 1851



AMONG WEST COAST COLLEGE ALUMNI ARE THESE 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.

Rose Bowl headquarters for the Oregon State Alumni Association will be at the Holiday Inn on Airport Boulevard at 98th Street in Los Angeles. The New Year's Eve party for OSU alumni and friends will be at the International Airport Hotel, 6211 West Century Boulevard in Los Angeles.

The association has arranged four-day Rose Bowl tours. Flights will originate from Portland and Corvallis with the cost of transportation, four nights' lodging at the Holiday Inn, parade tickets and ground transportation included in the package. The tours will leave Portland December 29, and return January 2. Arrangements can be made through Glove Travel Service, Benton Hotel, Corvallis.

These flights do not provide Rose Bowl game tickets. Order game tickets from Department of Intercollegiate Athletics, Coliseum 103, Oregon State University, Corvallis.



The scoreboard clock for the OSU-Oregon game shows the Beavers 12 seconds away from their Rose Bowl bid.

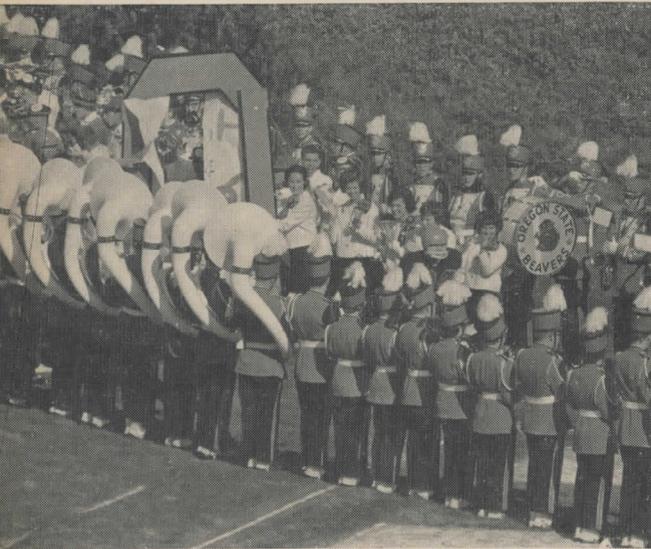
Rose Bowl Comes to OSU



Coach Tommy Prothro talks to OSU studentbody following Beavers' 7-6 win over Oregon Ducks. Students were chanting, "We smell roses."

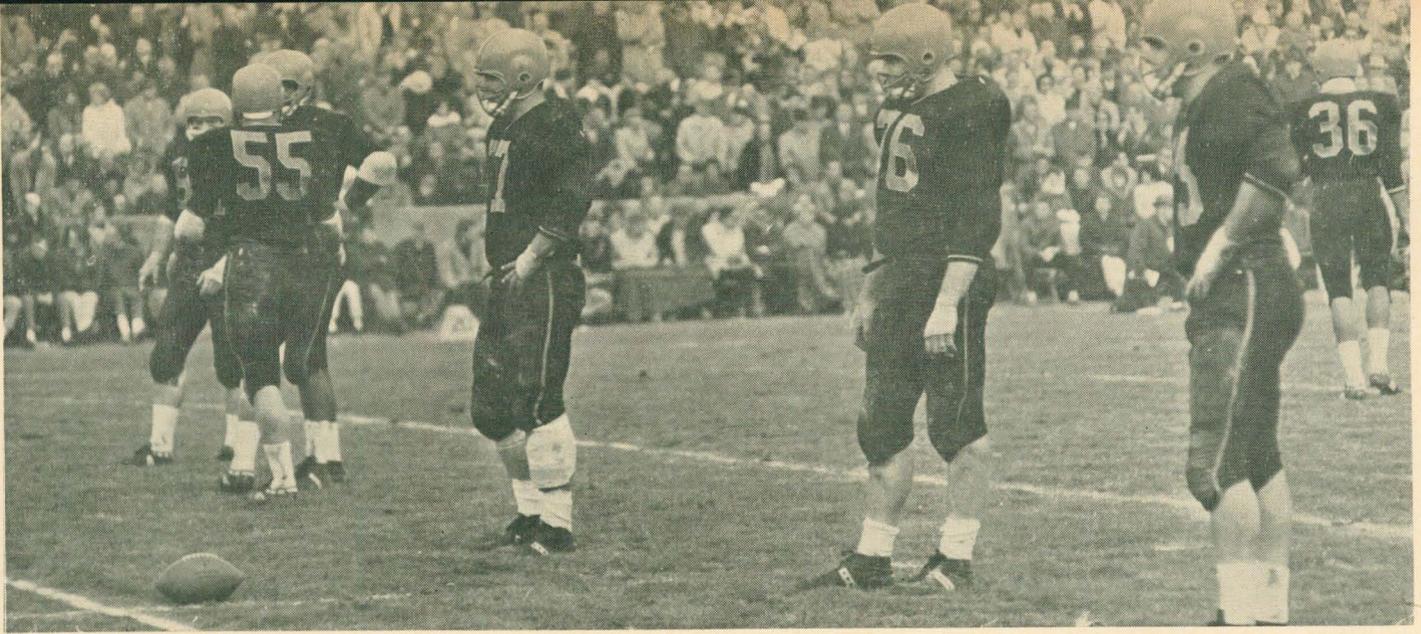
All Photos by Rod Commons, '65

The Beaver 100-piece marching band forms an orange and black passageway to the field for Oregon State's black and orange clad team.



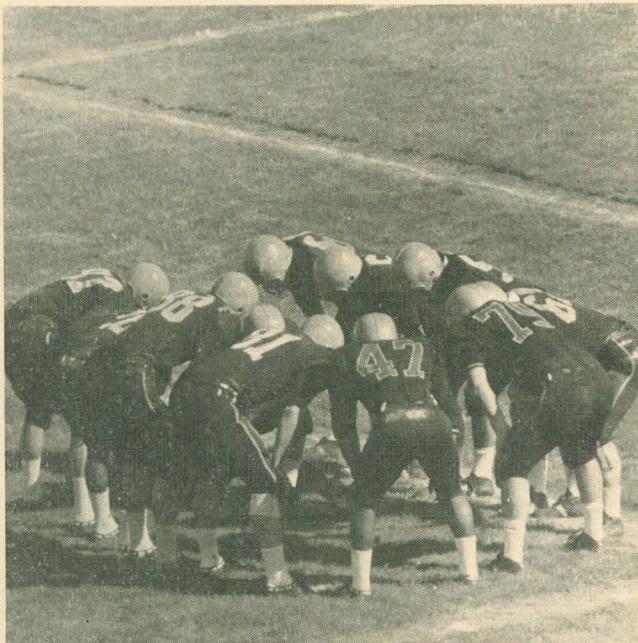
Miss Sharon Lasater, "The Beaver Ambassador," is OSU's drum majorette. The winsome blonde baton twirler is a freshman in Home Economics.



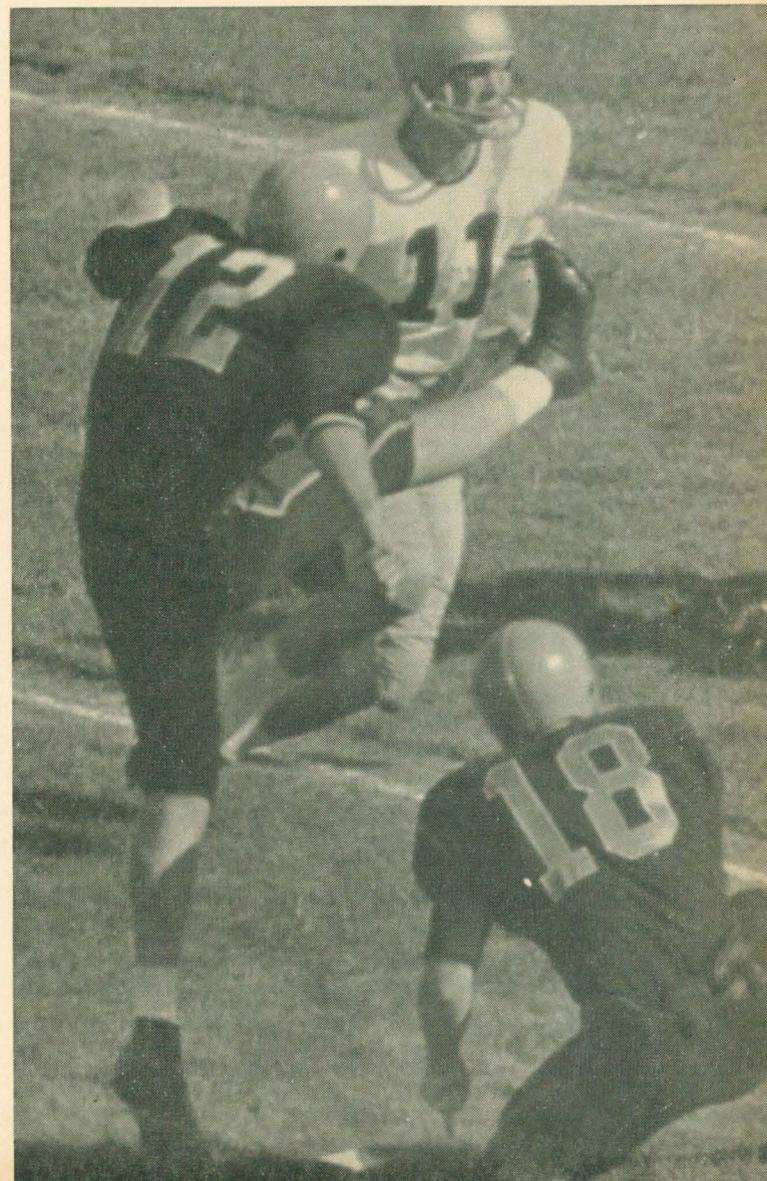


Oregon State's vaunted defensive unit is led by linebacker Jack O'Billovich (55). In the defensive secondary is Jim Smith (36). The defense gave up an average of 257 yards a game.

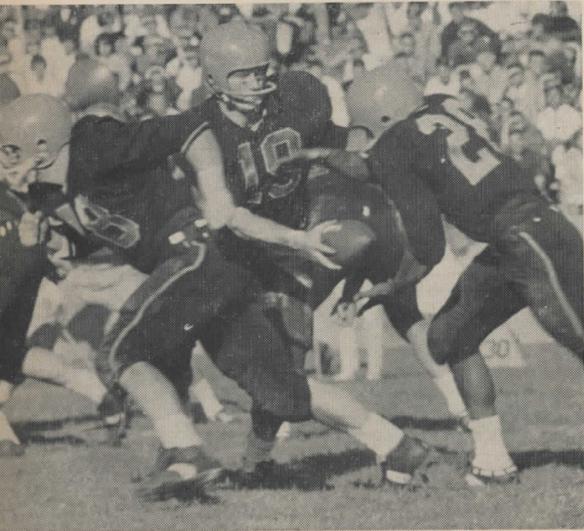
The leading scorer for the Beavers was Placekicker Steve Clark with 40 points. His field goals and PATs were the winning margin in 4 games.



The Beaver offense was led by sophomore quarterback Paul Brothers, who had a total of 1487 yards for the year. The offensive unit averaged 267 yards per game.

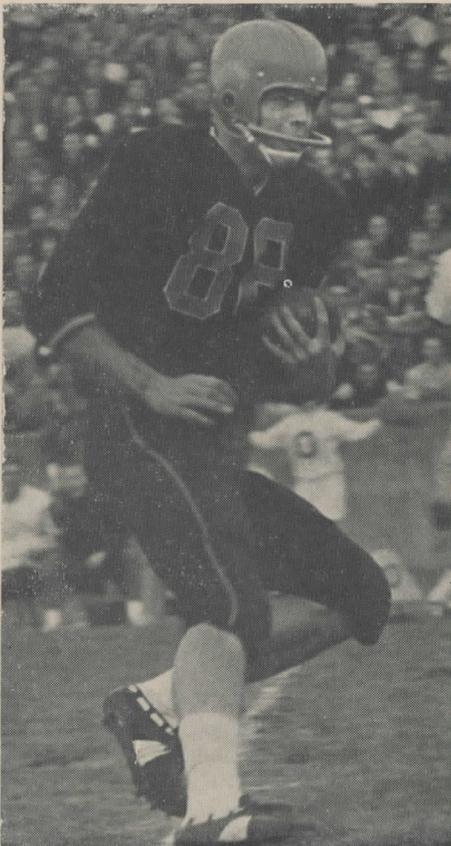


An oft-seen play during this football year was Brothers handing off to Tailback Cliff Watkins. Watkins gained 340 yards rushing for the season.



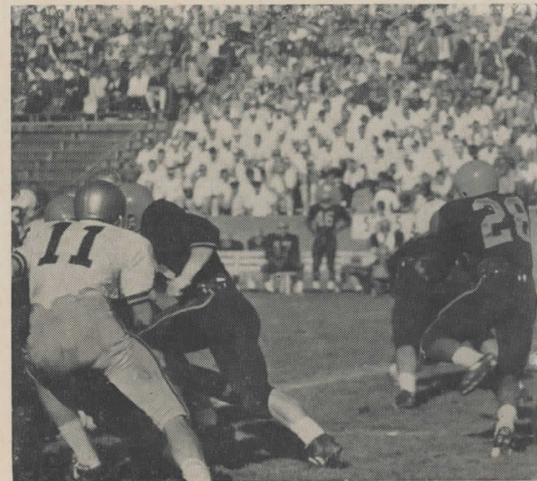
End Mike Sullivan has just hauled in a Brothers pass for a long gainer. Split back Olvin Moreland was the leading pass catcher with 35 for the year.

Brothers threw 144 passes during the season and completed 75. His net yards gained passing was 1036.



Football is often a game of inches. In this picture the referee is right on the spot to place the ball down after a short Beaver gain.

Oregon State's forward wall opens up a big hole for the swift Watkins. This play was made against Idaho.



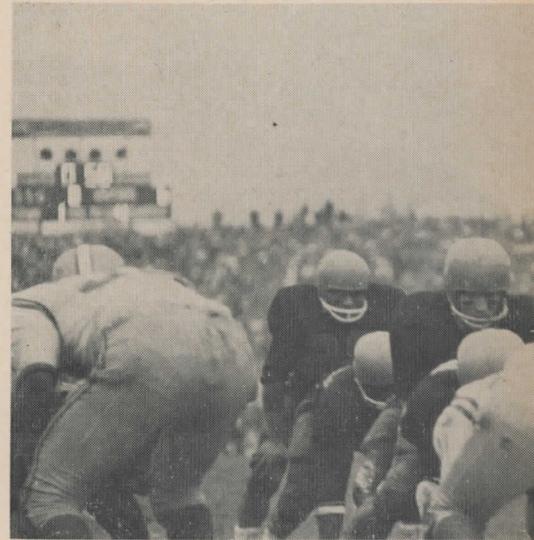


Brothers raises his arms to quiet the crowd in the closing minutes of the OSU-Oregon game.

Clark kicks the winning point-after-touchdown.



Brothers crouches down behind the center just prior to handing off to Washington, who went across for the touchdown.



Fullback Booker Washington is mobbed by his teammates after scoring OSU's tying touchdown against Oregon.



Anticipation on the sidelines. On the playing field, Safetyman Dan Espalin runs back an Oregon field goal attempt to end the game.

Oregon State Beavers

No.	Name	Pos.	Wt.	Ht.	Age	Class
68	AARTS, Ron	LT	206	6-4	20	Jr.
83	*BELL, Thurman	DE	182	6-0	21	Jr.
19	BROTHERS, Paul	QB	181	6-1	19	So.
74	*BRUSVEN, Ken	LT	223	6-3	22	Sr.
66	CARR, George	RT	198	6-2	19	So.
12	**CLARK, Steve	PK	210	6-2	21	Sr.
86	COCCIONE, Tom	TE	175	6-0	19	So.
62	*COLE, Warren	LG	207	6-1	21	Sr.
14	*CROWSTON, Marv	TB	179	6-0	19	Jr.
84	EAST, Al	DE	181	5-10	24	Jr.
27	**ESPALIN, Dan	SAF	173	5-9	21	Sr.
51	FREITAS, Rockne	C	259	6-6	19	So.
85	**FRKETICH, Len	TE	212	6-3	21	Sr.
63	**FUNSTON, Al	RG	179	5-8	21	Sr.
57	GODFREY, Jim	LB	196	6-3	19	So.
76	*GOULD, Dave	LG	215	6-0	21	Jr.
26	GRIM, Bob	SE	176	6-0	19	So.
80	HARTMAN, Greg	DE	178	6-1	19	So.
61	*HEACOCK, Joel	RT	188	6-1	20	Jr.
77	JOHN, Doug	RG	236	6-2	19	So.
52	**KEENEY, Hoyt	C	202	6-2	21	Sr.
79	*KOEPEL, Rich	RT	246	6-4	21	Sr.
44	KUHNS, Russ	LB	200	5-10	19	So.
81	**McDOUGAL, Doug	TE	222	6-4	21	Sr.
87	MILLER, Scott	SE	205	6-4	21	Sr.
35	**MORELAND, Olvin	SB	180	5-10	21	Sr.
67	**NEIL, Jerry	RG	200	6-2	22	Sr.
55	*O'BILLOVICH, Jack	LB	210	6-0	21	Jr.
38	*OSMER, Tim	SB	175	6-1	20	Jr.
48	PIFER, Pete	FB	206	5-10	19	So.
18	**QUEEN, Gordon	QB	185	6-1	21	Sr.
65	ROZARIO, Dennis	LT	204	6-0	19	So.
54	**RUHL, Dick	LB	203	6-1	22	Sr.
34	SCOTT, Lew	SE	159	5-11	20	Jr.
46	*SHAW, Charlie	TB	198	6-0	19	Jr.
37	**SIEG, Dan	DH	175	5-8	21	Sr.
36	SMITH, Jim	DH	167	6-0	20	Jr.
60	*STELLMACHER, Bill	LT	222	6-0	20	Jr.
53	*SUCKLING, Doug	C	206	6-2	22	Sr.
88	SULLIVAN, Mike	TE	207	6-4	20	So.
72	VALLEY, Wayne	LG	238	6-4	20	So.
47	**WASHINGTON, Booker	FB	193	5-10	20	Sr.
28	*WATKINS, Cliff	TB	185	5-10	20	Jr.
75	WILKIN, Jim	RT	220	6-0	19	So.
78	WINTON, Norm	RG	235	6-3	21	Jr.

*Letters won previously

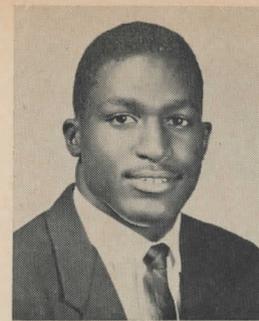
PROBABLE OFFENSIVE LINEUP

No.	Name	Position
26	GRIM, Bob	LE
60	STELLMACHER, Bill	LT
62	COLE, Warren	LG
52	KEENEY, Hoyt	C
63	FUNSTON, Al	RG
79	KOEPEL, Rich	RT
85	FRKETICH, Len	RE
19	BROTHERS, Paul	QB
14	CROWSTON, Marv	RHB
35	MORELAND, Olvin	FHB
47	WASHINGTON, Booker	FB

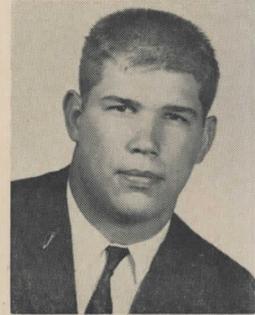
12	Clark, pk
14	Crowston, qb
18	Queen, qb
19	Brothers, qb
26	Grim, se
27	Espalin, saf
28	Watkins, tb
34	Scott, se
35	Moreland, sb
36	Smith, dh
37	Sieg, dh
38	Osmer, sb
44	Kuhns, lb
46	Shaw, tb
47	Washington, fb
48	Pifer, fb
51	Freitas, c
52	Keeney, c
53	Suckling, c
54	Ruhl, lb
55	O'Billovich, lb
57	Godfrey, lb
50	Stellmacher, lt
61	Heacock, lg
62	Cole, lg
63	Funston, rg
65	Rozario, lt
66	Carr, rt
67	Neil, rg
68	Aarts, lt
72	Valley, lg
74	Brusven, lt
75	Wilkin, rt
76	Gould, lg
77	John, rg
78	Winton, rg
79	Koeper, rt
80	Hartman, de
81	McDougal, te
83	Bell, de
84	East, de
85	Frketich, te
87	Miller, se
88	Sullivan, te

PROBABLE DEFENSIVE LINEUP

No.	Name	Position
80	HARTMAN, Greg	LE
65	ROZARIO, Dennis	LT
76	GOULD, Dave	LG
77	JOHN, Doug	RG
66	CARR, George	RT
84	EAST, Al	RE
54	RUHL, Dick	LB
55	O'BILLOVICH, Jack	LB
37	SIEG, Dan	LH
36	SMITH, Jim	RH
27	ESPALIN, Dan	S



Co-Captain
Booker Washing-
ton



UPI All-Coast
Rich Koeper



Co-Captain
Dick Ruhl



NEA All-America
Jack O'Billovich

Michigan Wolverines



Quarterback
Bob Timberlake



End
John Henderson



Halfback
Jim Detwiler

No.	Name	Pos.	Wt.	Ht.	Age	Class
37	*ANTHONY, Melvin	FB	201	6-0	21	Sr.
55	BAILEY, Donald	G	190	5-11	19	So.
15	BASS, Michael	HB	175	6-0	19	So.
77	BUTLER, David	G	215	6-1	21	Sr.
53	*CECCHINI, Thomas	C	195	6-0	20	Jr.
82	*CONLEY, James (Capt.)	E	198	6-3	21	Sr.
31	*DEHLIN, Barry	FB	204	5-11	20	Jr.
48	DETWILER, James	HB	209	6-3	19	So.
26	*EVASHEVSKI, Forest	QB	185	6-0	22	Sr.
80	*FARABEE, Ben	E	205	6-3	21	Sr.
33	FISHER, David	FB	210	5-10	19	So.
64	FLANAGAN, Dennis	G	210	6-2	20	Jr.
29	GABLER, Wallace, III	QB	180	6-2	20	Jr.
65	*HAHN, Richard	G	205	6-0	20	Sr.
74	HAVERSTOCK, Thomas	T	228	6-3	20	Jr.
81	*HENDERSON, John	E	187	6-3	21	Sr.
88	*HOYNE, Jeffrey	E	186	6-1	20	Jr.
68	KEATING, William	G	226	6-2	19	Jr.
30	KEMP, Stanley	E	185	6-1	19	So.
78	KINES, Charles	T	230	6-0	20	Jr.
84	*KIRBY, Craig	E	190	6-2	20	Jr.
83	*LASKEY, William	E	217	6-2	21	Sr.
41	LEE, Louis	HB	190	6-2	19	So.
96	MACK, Thomas	T	220	6-3	20	Jr.
94	*MADER, Gerald	T	220	6-3	21	Sr.
61	*MARCUM, John	G	210	6-0	22	Sr.
63	MIELKE, Robert	G	210	6-1	19	So.
58	*MUIR, William	C	200	6-0	22	Sr.
59	NUNLEY, Frank	C	210	6-2	19	So.
93	PARKHILL, Thomas	E	202	6-2	20	Jr.
51	*PATCHEN, Brian	C	205	5-11	21	Jr.
17	*RINDFUSS, Richard	HB	192	6-0	21	Sr.
43	*ROWSER, John	HB	175	6-0	20	Jr.
76	*RUZICKA, Charles	T	235	6-1	20	Jr.
39	SCHICK, Gary	FB	210	6-2	20	Jr.
70	*SIMKUS, Arnold	T	230	6-4	21	Sr.
86	*SMITH, Stephen	E	230	6-5	20	Jr.
18	SYGAR, Richard	HB	184	5-11	20	So.
28	*TIMBERLAKE, Robert	QB	210	6-4	21	Sr.
49	VOLK, Richard	QB	195	6-3	19	So.
19	WARD, Carl	HB	178	5-9	20	So.
42	*WELLS, Richard	HB	172	5-9	20	Jr.
85	WILHITE, Clayton	E	200	6-4	19	So.
52	WRIGHT, Kenneth	C	215	6-1	20	So.
75	*YEARBY, William	T	228	6-3	20	Jr.

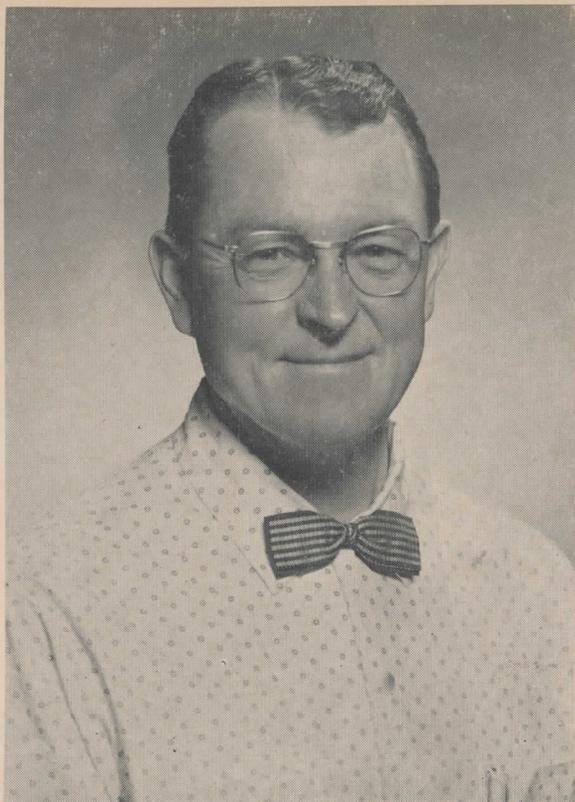
*Letterman

PROBABLE OFFENSIVE LINEUP

No.	Name	Position
86	SMITH, Steve	LE
78	KINES, Charles	LT
77	BUTLER, Dave	LG
51	PATCHEN, Brian	C
61	MARCUM, John	RG
96	MACK, Tom	RT
81	HENDERSON, John	RE
28	TIMBERLAKE, Bob	QB
48	DETWILER, Jim	LH
19	WARD, Carl	RH
37	ANTHONY, Mel	FB
15	Bass, hb	
17	Rindfuss, hb	
18	Sygar, hb	
19	Ward, hb	
24	Clancey, hb	
26	Evashevski, qb	
28	Timberlake, qb	
29	Gabler, qb	
30	Kemp, e	
31	Dehlin, fb	
33	Fisher, fb	
37	Anthony, fb	
39	Schick, fb	
41	Lee, hb	
42	Wells, hb	
48	Detwiler, hb	
49	Volk, qb	
51	Patchen, c	
52	Wright, c	
53	Cecchini, c	
55	Bailey, g	
58	Muir, c	
59	Nunley, c	
61	Marcum, g	
63	Mielke, g	
64	Flanagan, g	
65	Hahn, g	
68	Keating, g	
70	Simkus, t	
74	Haverstock, t	
75	Yearby, t	
76	Ruzicka, t	
77	Butler, g	
78	Kines, t	
80	Farabee, e	
81	Henderson, e	
82	Conley, e	
83	Laskey, e	
84	Kirby, e	
85	Wilhite, e	
86	Smith, e	
88	Hoyne, e	
93	Parkhill, e	
94	Mader, t	
96	Mack, t	

PROBABLE DEFENSIVE LINEUP

No.	Name	Position
82	CONLEY, Jim	LE
76	RUZICKA, Chuck	LT
70	SIMKUS, Arnold	LG
68	KEATING, Bill	RG
75	YEARBY, Bill	RT
83	LASKEY, Bill	RE
53	CECCHINI, Tom	LB
59	NUNLEY, Frank	LB
49	VOLK, Dick	LH
17	RINDFUSS, Dick	RH
18	SYGAR, Dick	S



Darwin Reese

Outstanding

by Rad D

"Instruction differs from outstanding teaching as much as the piano playing of Rubenstein differs from the music of a juke box." With that statement Norborne Berkeley, professor of history and chairman of the Committee on the Advancement of Teaching presented Outstanding Teacher Awards to H. Darwin Reese and Robert F. Doerge.

The awards were presented at the annual Charter Day Convocation held on October 29, 1964.

Friendliness and helpfulness characterize the spirit which Reese, associate professor of chemistry, uses in his approach to students. He is an easy going, talkative man who likes people very much, by his own admission.

Doerge, chairman of the Department of Pharmaceutical Chemistry, is a quiet and more intense man. He approaches his subject and students with the idea that his course presents valuable professional information which he would hope would aid his students in their projected career in pharmacy.

Reese said that he is interested in teaching all of his students some chemistry, but his teaching is not directed at making each one of them a professional chemist. He feels that the learning of the scientific method will be valuable to all students no matter what their field of study is.

Industry has the opportunity to draw off many persons interested in college teaching, according to Doerge, who worked for Smith, Kline and French, a pharmaceutical manufacturing firm in Philadelphia, for six years. Prev-

ious to that time he taught at the University of Texas for five years.

Doerge returned to teaching when he received an offer from Dr. C. O. Wilson, Dean of Pharmacy at Oregon State. He had known Wilson during the years that Doerge had been working on his doctoral degree at the University of Minnesota.

The reasons prompting his return to college teaching were chiefly those of the attractiveness of the profession. Salary isn't everything, he said. With teaching there is a greater freedom of time. Also it is possible to continue study in the entire area of one's field rather than just working in the specialized area of research in industry.

Teaching is the main time consumer for Doerge, with research as a minor sidelight. While working for Smith, Kline and French his full time job was research in tranquilizers.

"Students are scared to death of chemistry courses," Reese commented. Before teaching can start, this fear has to be overcome. This means that a teacher has to make his lectures interesting and easy to follow. During office hours a teacher can devote time to helping students understand the concepts of chemistry. This is highly effective on an individual basis.

Teaching can be implemented, according to Reese, by presentation of outlines of the course. Reese follows an outline in his lectures and also puts it up on the blackboard so that students can follow the subject of the lecture more easily. The use of motion pictures is also an effective aid for demonstrating laboratory principles. According to

g Teachers

ewey, '66



Robert Doerge

Reese, the films that are put out now can put a student right into the middle of an experiment.

Enthusiasm for the subject is another factor which a teacher can use to help students. If a teacher likes his subject so much that the feeling is catching among the students, then a student will learn more.

Reese believes in a good program of course evaluation on the part of students. Usually he will prepare a set of "leading questions" which he will pass out to students. He asks them to list the best and worst things in the course. He also asks for an evaluation of himself as a teacher. Following the general trends reflected in the answers, he can improve both himself and his course.

Teaching for Reese has been a job that he just naturally fitted into. During his high school years he helped his chemistry instructors with their laboratories. During his sophomore year at Brigham Young University, he helped teach labs. Once one of the chemistry professors fell ill and Reese took over the class and made up tests and lectured. By his junior year he was teaching in the laboratory and making up tests.

Having his teaching experience as an undergraduate, as he did, he entered graduate school with three years of experience in college teaching. During the war he was under contract to the Navy Department to teach mathematics, chemistry and engineering subjects in the V-12 program which prepared many men to assume commissions after graduation from a three month officer training course.

Doerge is a contributing author to the "Textbook of Organic Medicinal and Pharmaceutical Chemistry," of which Wilson is one of the authors. This book, used as a standard text in a majority of schools across the country, will be going into its fifth edition in 1966. This is the first award that Doerge has won. He is married and has three sons.

Besides Reese's teaching at the University, he is the superintendent of Sunday School for the Corvallis Ward of the Church of Jesus Christ of the Latterday Saints. He has a tremendous interest in camping and the outdoors which has contributed to his interest in the Boy Scouts. He has been training chairman for the Benton County district for the past 10 years. He has also taught outdoor cooking and camping to several organizations including the Girl Scouts and Camp Fire Girls.

Reese has been adviser to the Blue Key senior service honorary at Oregon State and also an adviser to Alpha Phi Omega, a national college organization for male students interested in scouting. He has also worked with the student conduct committee and the Student Life Committee on campus.

Besides his outside activities, Reese is currently building his own house, doing all of the work himself. He has a wife and two boys and two girls.

It takes outstanding people to be outstanding teachers and Oregon State is honored to be able to bestow these awards with the hope that all of the teaching at Oregon State will be outstanding.



Is it possible that a builder of space simulation equipment has a hand in Becky Hull's ballet lesson?

You'd expect that the leading maker of arc carbons that produce the brilliant light for projecting motion pictures would be called upon to duplicate the sun's rays in space simulation chambers. These chambers are used to test space devices, such as the communications satellites and space vehicles... and even the astronauts themselves.

And it probably wouldn't surprise you to learn that a company that produces half a dozen different types of plastics would also create an anti-static agent as part of the vinyl plastic it developed for phonograph records. This keeps dust from sticking to record surfaces. The sound is improved. The record lasts longer. And Becky Hull's ballet lessons are performed to music that's more faithfully reproduced.

But would space simulation equipment and better materials for phonograph records come from one company? Indeed they would, in the unusual case

of the company known as Union Carbide.

All kinds of seemingly unlikely side-by-side activities turn up at Union Carbide every day. As a leader in metals and alloys, it developed a new, stronger stainless steel, and among the results are better subway cars for New York City. In cryogenics, it manufactures the equipment for a technique in brain surgery based on the use of supercold liquid nitrogen. Its consumer products include "Eveready" brand batteries and "Prestone" brand anti-freeze. And it is one of the world's most diversified private enterprises in the field of atomic energy.

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.

And we have a feeling that Becky Hull's future is just as bright as ours.

**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.

1964-65 Beaver Basketball

Another basketball season is upon us, and almost before we knew it, with football and Rose Bowl talk dominating the sports conversation.

In any event, basketball interest is greater than ever—even though all-America Mel Counts is gone. We were surprised to learn from Ticket Manager Comm Henness that there has been more demand for hoop tickets this winter than ever before. There are more season ticket holders. So what kind of a team will they be watching?

Don't expect miracles of new coach Paul Valenti. Nobody can expect to see the same type team that won 25 games and lost only four last year, for there isn't a Mel Counts around or anything even close. You just don't see many like Mel. And several other good boys are gone, too, including regular guard Frank Peters.

So it has to be classified as a building year. The schedule is mighty tough, too, which adds to the problem. Teams like San Francisco, Cincinnati and UCLA are all rated among the best in the nation, and of course those regular traditional foes are never easy, either.

Oregon State hasn't a "big man" of the Counts stature. The Beavers will be a reasonably quick team, and there should be some good shooting, too. They have one of the two or three best guards on the coast—maybe in the nation—in Jimmy Jarvis. He does just about everything with a basketball that can be done.

Jarvis and another veteran, Rick Whelan, are the likely guard starters, although transfer Ray Carlile from American River (Cal.) JC isn't far behind. He shows a lot of promise. You'll like this Charlie White, too, another junior college man from Monterrey (Cal.) JC. He's 6-4, and jumps like someone much taller. All indications are that he can shoot, too.

Teaming up at forward with White will be either Scott Eaton or Dave Fox. Both were sophomores last year, and Eaton started most of the time. Both are quick, and should be excellent defensive players. Look for them to be much improved.

Jim Kraus, the 6-7 senior, may get the nod at center. He's always been a forward in the past, but as the tallest man of the top candidates, may have to play the post. Chances are the Beavers will play a lot off the high post, instead of in deep. Backing up Kraus is a fast-improving sophomore from Coos Bay, Ed Fredenberg. He's only 6-6, but looks mighty promising.

Other squad members include Terry Dreisewerd (6-5), Larry French (6-6), Jeff Cudworth (6-2), Randy Rothman (6-4) and Maury Stevens (6-8). French and Cudworth are both sophomores up from the Rooks. Gary Allen from Salem, who was expected to play, will sit out the season because of a back ailment.

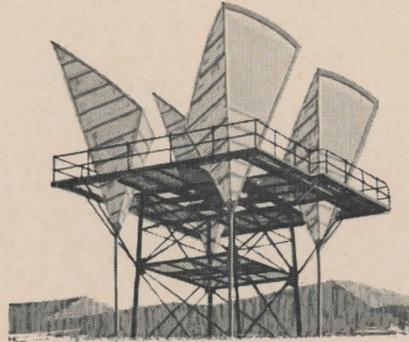
We have the feeling that these kids will play a lot of interesting basketball, win or lose. They'll have some good nights, and possibly some bad ones. Their record might not be what it has been the last several years, but don't discount the possibility that they will beat some people they shouldn't.

You can be sure of this—they will be well-coached, and they'll work at it. Under Paul Valenti, it could be no other way.

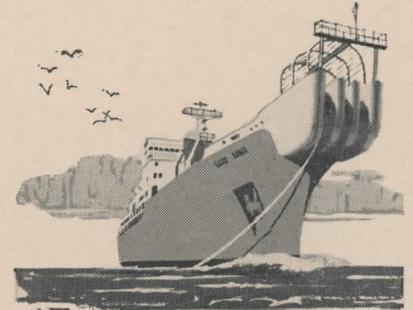
Here are some of the ways we handle your telephone calls today



A buried coaxial cable may carry as many as 9300 phone conversations at the same time.

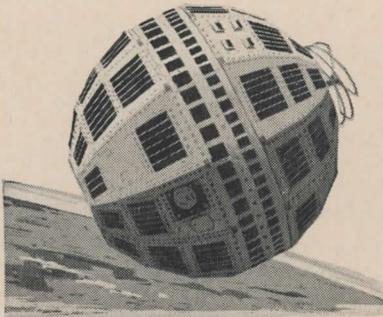


Radio relay systems can handle more than 17,000 simultaneous phone conversations.



Submarine cables whisk your words under-seas as clearly as when you talk across town.

These developments will speed your telephone conversations tomorrow



A worldwide system, pioneered by Telstar® satellites, may speed your calls via space.



Electronic Switching will connect you faster and provide many useful new phone services.



Directly-dialed Collect and Person calls will speed to completion with Operator aid.

And all are planned to meet an expanding nation's need for service

As the population grows and households multiply and business machines devour greater mountains of data, the Bell System must constantly find and develop new com-

munications techniques to stay ahead of new demands. We're working hard to do that today. And we can promise you finer, faster, more versatile services tomorrow.



Bell System

American Telephone & Telegraph Co. and Associated Companies



Remember When ?

... We do! And we'll bet there are other readers who could name the men of Coach Zophar Tharp's 1904 OAC "Arrows" basketball team. Would it help if we pinpointed the mustachioed gentleman as W. O. "Dad" Trine? He was the college's physical director. He did some fine coaching in his day, too.

What, you might ask, is this "Arrows" bit? We're "Beavers, Beavers, fighters through and through."

Yes, we are. But those fellows were an unusual lot, by today's standards. They represented Oregon Agricultural College in the school's extramural basketball play. They did so as champions of intramural playoffs. And you can bet that those playoffs came early enough to allow OAC to field a very representative team.

Let's reflect on an *OAC Barometer* story of January, 1904, to get some insight on varsity basketball as played 60 years ago.

"Basketball men are practicing regularly under the coaching of Zophar Tharp and Prof. Trine. A first team squad has been chosen from the various teams that participated in the College basket-ball tournament last term. The squad is made up of about 15 men. Although most of the time in which the gymnasium (now Mitchell Playhouse on campus) can be had for basket-ball is given to these men, other players should not feel discouraged but continue their practice as much as possible.

"The tournament was easily won by the 'Arrows' as usual."

Let's digress here a moment. Pictured top row, left to right; Tharp, '99, coach, and Trine, trainer.

Next to top row: Floyd "Bush" Davis, '05; Forest Custer Smithson, '07; Henry Salvon, '06.

Next to front row: Earle "Rat" Rinehart, '05; Haman Bilyeu, '08; Carle Rinehart, '04.

Front row: Claude Swann, '07; Theodore "Ted" Garrow, '05.

It might seem strange now, but back then all students, which of course included athletes, were recognized as students, with all rights and privileges, so long as they pursued a course of study. Should a student decide to change from one major to another, he started over again as a freshman—without the new-student-week indoctrination.

To see how this works, suppose a student in Electrical Engineering decided, in his junior year, to change to the School of Mines. If he did this, then he could start anew as a freshman, and a bonafide student with all privileges—athletic, and etc.

Wouldn't it have been nice under this setup if Terry Baker had decided to change to Business and Technology during his senior year? It would have been great. And, Harlan Svare of the Los Angeles Rams could keep his Roman Gabriel until you know who blows you know what.

Take a look at how this worked back when. Bilyeu was a Rook in 1901-02 and again in 1902-03. He became a sophomore in 1903-04 and stayed there through 1904-05. Back again to Rook in 1905-06 and a soph in 1906-07,

and lingered on as a sophomore through 1907-08. And that's the last we have of him.

Swann was a freshman 1901-02, 1902-3; sophomore 1903-04, 1904-05; and senior 1905-06 and 1906-07. He did postgraduate work in 1907-08.

Nollie Reed, the same one who, from 1907 until 1963, held Oregon State's single-game scoring record of 47 points (Mel Counts broke it last year against Louisiana State with a 48-point output) was a freshman 1904-05 and a sophomore in 1905-06, in pharmacy, which was a two-year course. He was listed as a freshman again in 1906, and received a pharmacy certificate in 1907.

Now, some might gasp with horror at the foregoing examples. They shouldn't. The practice was universal, and an acceptable part of that athletic era. But it is kinda humorous, isn't it, to compare now with then?

Back to January, 1904, and our Barometer story.

"Their men are under the average size but they overbalance this handicap by their fast, furious and scientific flying."

Weren't they something else in those days? They learned to play basketball even before they learned how to walk!

"Arrangements have been made for them to take a trip to Roseburg, but since the first team is going to play Salem at the same time. . . ."

How about that? Times haven't changed too much. —For those of you not in the know, Oregon State had scheduled Idaho and Washington State for football on the same Saturday next year.

". . . and will not compete without some of their men. . . ."

We don't blame them. It isn't fair that they should have to compete without some of their men.

". . . it is undecided what will be done."

Athletic Director Slats Gill had the answer to OSU's contemporary problem. Isn't it a shame he re-scheduled Washington State for a later date in football next fall. It would have been exciting to have played the teams on the same Saturday as scheduled, and just change the starting times and places. A football doubleheader for Oregon State! You know how the song goes, "men of iron, their strength will never yield. . . ."

Meanwhile, back to the January, 1904 Barometer.

"Our first game was played with the "ALL STARS" of the Y.M.C.A. of Portland. Regardless of unexplored lands. . . ."

Portland? Don't laugh. Some of our present-day lads are from out of state, too. Tuition will soon take care of this, but that's another story.

". . . our boys were victors by a score of 26 to 16 . . . The team work of the OAC boys was far superior to that of the "ALL STARS." Another characteristic of the game was Swann's goal-throwing from the foul line, making 13 points out of 16 trials. He also made two field goals during each half. The team, therefore, is indebted to him for 21 points out of the 26."

In fact, they were so much indebted to Swann they let him jump from sophomore to senior the very next year, instead of starting over again as a freshman.

"Stokes was always in the game."

He certainly helped by staying in the game. Especially since they only used five players.

". . . His (Stokes') guard was too confident of winning in the early part of the game . . . (he) batted the ball in the basket for Stokes, which he did very cleverly, but gave him all the honor."

We're not sure which him got all the honor, but it was a right friendly gesture on the part of Stokes' guard. It just points up how stiff the competition used to be for the good sportsmanship award.

"Some exceedingly clever work was done by Rinehart and Steiwer, both in passing the ball and in guarding their men."

One final postscript to the game. The referee was Coach Tharp.

Here are some tidbits we gleaned from the Barometer for the 1906-07 basketball season. This was the season that Oregon Agricultural College boasted the "World Champions." At least that was what they were known by hereabouts.

8 Dec. '06: **". . . Swann and Reed are throwing baskets better than ever, while Bilyeu and Rooper are playing a good game at guard. 'Shorty' Foster is playing center in better style than formerly . . . Evendon (as well) as Allen also a star player for Monmouth."**

They were awfully broadminded about letting them play the game. Tough on the players, though. Especially when OAC played Monmouth.

15 Dec. **"Albany meets crushing defeat."**

5 Jan. **"Endless chain of victories."**

12 Jan. **"Tour of Northwest boys returned undefeated after meeting strongest teams . . . At Winlock (Athletic Club) Reed made the second number throwing 22 in the course of the game but allowed his opponent to make one basket, much to his regret."**

Despite whose regret, it's a dirty shame.

19 Jan. **"Still Undefeated."**

26 Jan. **"A bright outlook. Both boys and girls teams have yet first game to lose."**

Just wait until they play each other!

9 Mar. **"Blue Monday. Crescents win 1st game from OAC. World's champions defeated."**

Hope you enjoyed this pass through our early basketball history. They undoubtedly would get this same sort of chuckle at the way we play and report the game were they in a position to see four-score and 20 years ahead.

It is difficult to know for sure if college athletics in general have come a long way since the turn of the century. It should be safe to say that it sure has covered lot of ground.

The 1904 team picture of the "Arrows" was contributed to the OSU Archives by Dr. J. Carle Rinehart of Portland, OAC class of '04. He was a member of the "Arrows" basketball team.

Alumni



Lt. Col. George M. Epperson, '36, recently received the Air Force Commendation Medal for his distinctive accomplishments when he served in the Defense Intelligence Agency in an executive capacity. The citation, presented at Norton AFB, Calif., credited Colonel Epperson with "dynamic leadership, tireless dedication, inventive thinking, and profound knowledge of management techniques."



George Eicher, '40, chief aquatic biologist for Portland General Electric company in Oregon, has been elected president of the American Fisheries Society. The Fisheries Society is international in scope and is the professional society for fisheries scientists. Eicher has served as consultant and adviser for several organizations in this country and Canada, and for the U. S. Department of Health, Education and Welfare.



Charles J. Conlee, '64, has been appointed to the staff of the U. S. Public Health Service's Robert A. Taft Sanitary Engineering Center, Cincinnati. Conlee came to the Center after service with the Los Angeles Department of Water and Power, Alaska Highway Department, and the office of the City Engineer, Fairbanks, Alaska. He holds degrees in civil engineering and mathematics from Oregon State.



Jeffrey A. Harris, '64, is one of 48 Peace Corps volunteers who left for Peru early in October to help establish rural cooperatives. They joined 330 volunteers already working in Peru in community development, university and vocational education, and health programs. Harris played varsity football at OSU in 1961, '62, and '63. He received the football Scholarship-Attitude Award in 1963, and was president of Varsity 'O' in 1963-64.

Dr. J. Harrison (Harry) Belknap, '12, recently returned to Corvallis for a brief visit with friends.

An educator, engineer and governmental advisor, Belknap received his bachelor of science degree in electrical engineering in 1912 and his doctorate in engineering in 1940. He was an instructor and assistant professor in physics and engineering at OSU from 1912 to 1923. He is also a veteran of World War I.

Other experiences include 18 years as an engineer and executive with Westinghouse Electric at Pittsburgh, and five years as civilian graduate dean at the U. S. Air Force Institute of Technology at Dayton, Ohio. He served as a member of the Air Force Academy board, developing the curriculum of the academy before it was opened. He also served two years with the Atomic Energy Commission.

He is retired now and is living in Denver, Colo., where he was appointed as one of seven members of the mayors cabinet.

Richard J. Werner, '17, recently was employed as a field representative of the California Milk Producers' Federation. He will help coordinate the activities of the producer associations.

In 1950 he was elected to head the Milk Industry Foundation with headquarters in Washington, D. C.; and in semi-retirement since 1960, he has served the California Dairy Council as field representative.

In the field of education he served as principal of Esparto high school, Yolo county, California; state supervisor of agricultural education, and president of Hartnell college in Salinas, Calif.

H. T. Hutchinson, '30, was recently elected vice president of Richfield Oil Corps.

He joined the firm as clerk in the Portland office in 1929 and later served as Portland manager. Hutchinson was named general manager of Richfield's marketing department at Los Angeles in July of this year.

D. M. Anderson, '31, assistant general manager of Sunkist Growers, citrus marketing cooperative, will assume duties as general manager, effective Feb. 1, 1965.

A native Californian, Anderson joined Sunkist as a member of the merchandising staff in 1931. He was appointed corporate secretary of Sunkist in 1950 and in 1957 was appointed to his current post.

Dr. Howard L. Cherry, '38, Portland orthopedist who once taught school so he could earn enough money to go to medical school, was named Oregon doctor-citizen of the year at the 90th annual meeting of the Oregon Medical Association in Eugene, Oregon.

Dr. Cherry has been a member of the Portland School Board since 1956. He has been president of the Multnomah County (1961) and Oregon State School Board Associations (1962).

While a senior at OSU, he was named the "most promising teacher" by the Oregon Education Association.

He taught chemistry and physics for two years at Grant high school in Portland to earn enough money to enter University of Oregon Medical School. While teaching he also worked as a taxicab driver and wartime shipyard electrician to help finance the medical schooling.

SILENCER

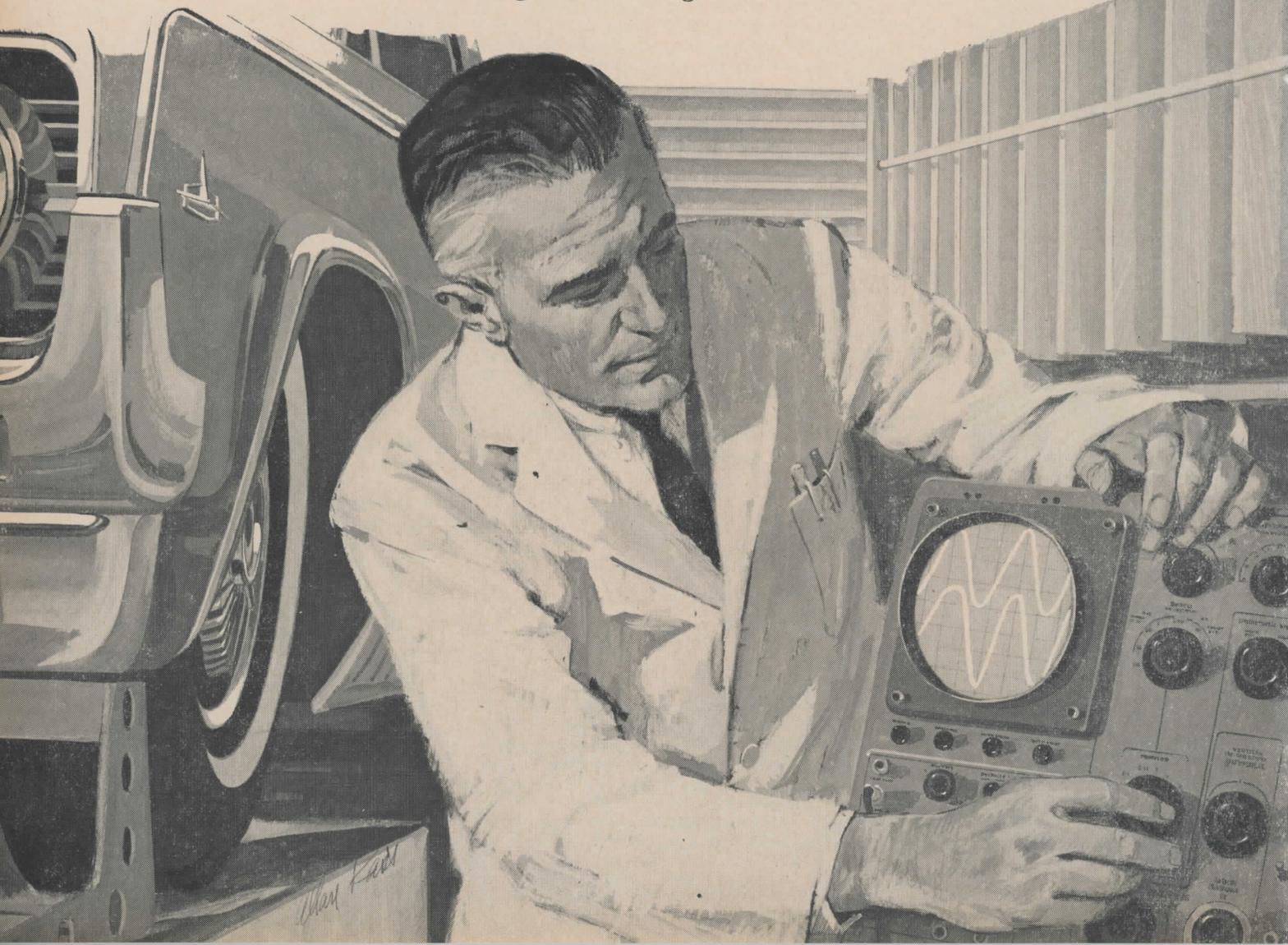
His business is *quiet*. He's a General Motors development engineer and his job is to help see to it that every GM car operates as smoothly and quietly as advanced technology and human skill can reasonably achieve. His work takes him into an anechoic chamber at the Milford Proving Ground where walls made of glass-fiber-wedges up to a yard deep absorb 99 percent of the sound made by a car in operation.

In this room GM cars are "road proved" on a chassis dynamometer under many driving conditions and at varying speeds. Every significant noise, no matter how slight, is studied, charted, evaluated. Object: quiet. This man and others like him never stop striving to reach that goal.

Highly refined laboratory setups like the Milford anechoic rooms contribute vitally to the constant improvement of General Motors cars. But they would be valueless without the knowledge and experience of the men who use them. People, after all, are the key to the continuing excellence of GM products. General Motors owes its position in industry to the dedication and ability of a great many exceptional people.

GENERAL MOTORS IS PEOPLE ...

Making Better Things For You



Class

'06

Leaving Corvallis after 56 years residency is Mrs. Bert Pilkington (**Anna Bleeg**). She is moving to Portland to reside with her sister, Miss Hedwig Bleeg. During her years in Corvallis Mrs. Pilkington owned and operated a nursery and holly farm and was founder and charter member of the Fuchsia Society.

'14

A resident of Cleveland, Ohio, **Rose Mason Jones** returned to the OSU campus this summer for the 50th Class Reunion. She was impressed by the improvements and enjoyed visiting with the other "14ers" who attended the reunion.

'25

Vern McDaniel, superintendent of the State Forestry department's Corvallis nursery, retired September 1, 1964. He developed the original one and one-half acre nursery site while living in a tent with his wife, Mary. The McDaniels will continue to live in Corvallis.

'27

Mrs. Clarence Monroe (**Ellen Matson**) lectured on her Korean experiences at a women's association in Chicago. She and her husband, Dr. Monroe, worked on a volunteer basis in Taegu, Korea during September and October, 1963.

'32

M. E. Knickerbocker and his wife, **Thelma Stone**, '33, are presently living in Shiraz, Iran where Mr. Knickerbocker works as an agricultural advisor with the International Cooperative Administration.

'33

Lt. Col. **Hervey V. Ide** has retired from the Army and is living in Marina, California, where he works as bookkeeper-secretary for the Marina Fire Protection District. The Ide's have four sons and ten grandchildren.

'36

A note from **B. E. "Bernie" Stain** finds him living in San Diego, California, where he is assistant manager at Bond's clothing store. He is looking forward to the Beaver's Rose Bowl trip and plans to be one of the spectators.

'39

John B. Smith, his wife, **Ruth E. Lange**, '39, and daughter, are residents of Juneau, Alaska where Mr. Smith is Assistant Regional Forester with the U. S. Forest Service.

'40

Major Edna Rice retired from the U. S. Air Force in September, 1964, after 22 years service. She is presently living in the Denver area.

Nina Asbahr, now Mrs. Leroy Hassler, was married August 15, 1964, and is still teaching home-making at Bell High School in Buena Park, California.

'43

Mr. and Mrs. Ray D. Walton (**Carolyn J. Smith**, '43), and their six children sailed to Italy in early October, 1964. They will be at home in Vienna, Austria for two years where Mr. Walton will

serve as senior officer in the Division of Nuclear Power and Reactors of the International Atomic Energy Agency.

'48

In July of this year **Robert G. Coleman** was appointed Chief of the Isotope Branch of the U. S. Geological Survey. His wife, **Cathy Hirschberger**, '47, is president of the PTA for the elementary school their youngest son attends. The Colemans have two other sons living with them in their Menlo Park, California home.

Capt. Beatrice E. Thompson is teaching physical therapy at the Medical Field Service School, Fort Sam Houston, Texas. Among her associates in the department is **Jan Riches**, '55.

Larry Bernardi, who has specialized in construction of government installations in various parts of Alaska for the past eight years, now operates his construction firm from offices in Bellingham, Washington.

'49

The John N. Walkers (**Betty Kizer**, '49) recently moved with their five sons into a new home in Vancouver, Washington.

Former associate professor of Food Science and Technology at OSU, **James Dietz**, recently filed articles of incorporation for Food Facts, Inc., of Corvallis. The company will manufacture and develop new products and plans eventually to establish a research center of related food industries.

William E. Banton recently completed a graduate program under the Alfred P. Sloan Fellowship at MIT School of Management where he was awarded a Master of Science degree in Industrial Management. Prior to his studies there, Mr. Banton held a Bachelor and Master of Science degree in Electrical Engineering. He and his wife, **Jessie Elizabeth Ellis** live with their four children in Wayne, New Jersey, where Mr. Banton is employed with Western Electric Co.

'51

Dena Jones Goupil now lives in San Jose, California, with her husband and three children. She no longer teaches school but finds herself busied with Brownies, church and PTA.

'52

Marilyn Jean Sound lives in San Francisco, California, where she is employed as secretary for Jos. Schlitz Brewing Co.

'54

Wendall L. Jones is a Forest Ranger for Detroit District, where he lives with his wife, Jessie, a son and two daughters.

The **Noel G. Conway** family announced the addition of a son, Scott Thomas, on August 30, 1964. He joined two sisters at home. The Conways live in Santa Ana, California, where Mr. Conway is practicing law.

Herbert LaVerne Duncan is present Superintendent of Schools at PeEll, Washington.

'55

Peter E. Johnson is Director of Coating Development at Dymo Industries, Inc., Berkeley, California.

'56

Donald W. Oja, his wife, **Sandra Huntington**, '58, and three daughters are now living in Seattle, where Mr. Oja works as a research engineer in the Minuteman program at Boeing Company.

'57

Mrs. Sheridan Gallagher (**Barbara Joan Duncan**) lives with her husband and daughter in Camas, Washington, where she teaches school.

Daniel D. Bullis was appointed assistant professor at Colorado State University this fall. He recently received his doctorate in animal nutrition from Oklahoma State University.

Captain Gustavus M. Supe, Jr., a pilot assigned to McChord AFB, Washington, is participating in Gold Fire I, an operation evaluating tactical airpower in support of ground forces.

James L. Heilig, Jr. and Susan Carpenter were married November 8, 1964, in Los Angeles. Following a wedding trip to Honolulu, the couple is at home in Manhattan Beach.

'58

Jack Loren Teague is living in Kansas City, Missouri, while working on his doctorate with the aid of a teaching assistantship.

William Y. Fowler, Extension Economist at New Mexico State University, was recently promoted to the rank of full professor.

'59

R. P. Romig is a member of the San Jose State College faculty.

Mr. and Mrs. **James B. Gordon** (**Patricia Nielsen**, '60), just returned from a three year Army duty in Georgia. Jim is working in sales at Esco Steel, while Pat is teaching 6th grade.

Judith Ann Bailey Kintner completed work for a master of science in Food Science and is employed in Research & Development by Rogers Bros. Co., in Idaho Falls.

'60

Beverly Wagner and **Larry Mendenhall** were married September 6, 1964, in Junction City. They are living in Corvallis where Larry is instructing in the Physics Dept.

Dale E. Wynn and Marion L. Egger were married September 4, 1964 in Pasadena. They are now at home in Glendale, where Dale is a Supervising social worker for Los Angeles County Bureau of Public Assistance.

Mary Ellen Atzbaugh and Charles A. Youngquist were married recently and are living in Eugene, Oregon.

Daniel R. Clinton is presently stationed in Nurnberg, Germany as a helicopter pilot with the U. S. Army. He will be returning to OSU next year to continue his studies.

Robert B. Brigden was commissioned as a Lieutenant in the U. S. Navy Medical Corps in June, 1964, after his graduation from the California College of Medicine in Los Angeles, California. He is now serving his internship at the U. S. Naval Hospital in Philadelphia, Pennsylvania, and living with his wife (**Ruth Martinsen**, '58) and two sons in Cherry Hill, New Jersey.

Judith L. Skow and Gary Ernest Holt were married in Eugene on October 18, 1964. She is presently on the staff at the University of Oregon.

A card from **William McLarty** finds him living in Cloverdale, Oregon, and teaching English at Nes-tuca Union High school.

First Lieutenant **Larry D. Massey** is a member of the U. S. Air Force Military Air Transport Service element providing strategic airlift services for exercise Gold Fire I in the Ozark Mountains of Missouri.

'61

Second Lieutenant **Brian L. Williamson** is Administrative Chief for Hospital Clinics, Womack Army Hospital, Fort Bragg, North Carolina. His



New England Life agent Gordon E. Weston, University of Minnesota '49, discusses a personal life insurance proposal with St. Paul masonry contractor, Robert Larson.

Gordon Weston knows the secret word

After ten years of selling veterinary medicines, Gordon Weston had reached an impasse. His sales record was excellent, but there was no chance for advancement. Clearly, it was time to look for another career or settle for what he had.

Gordon decided on life insurance after considering several other fields. "I was convinced," he says, "that this business offered by far the greatest reward if I was willing to work hard to gain it." With a family tradition of New England Life service behind him (his father, Ray Weston, was a New England Life agent for over 30 years), he joined this company in 1962.

In October, Gordon celebrates his second anniversary with New England Life. How's he doing? His production for this period is well over the million dollar mark. He has already earned membership in the New England Life Leaders Association. And he can look

forward to greater rewards for greater achievements—with no ceiling on advancement.

What does he attribute this record to? As he puts it, "There is only one secret word—*work*; there is only one result—*success*."

If this type of career with New England Life interests you, 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.

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

U. OF CAL.

John F. Curtis, C.L.U., '28, Los Angeles
 Arthur C. Keyes, Jr., '47, San Francisco
 Arthur C. Yearin, Jr., '48, Fresno
 Stuart Burt, '49, San Francisco
 James A. Chapman, '52, San Francisco
 David E. Smith, '56, Los Angeles
 Alfred W. Oliver, '62, Oakland
 Julius S. Hauso, San Francisco

STANFORD

Edward Neisser, '26, Los Angeles
 Lucia C. Mitchell, '28, Syracuse
 Thomas W. Cordry, Jr., '33, San Francisco
 Fred R. Miner, '40, Stockton
 Jacob E. Way, Jr., '44, Waukegan
 William W. Davies, C.L.U., '48, Los Angeles
 Joseph F. Monasta, C.L.U., '48, San Jose
 Robert H. Woodward, Jr., '49, Palo Alto
 Jerry D. Franks, '50, San Jose

David C. Englehart, '53, Portland, Ore.
 Ronald P. Tomsic, '55, Oakland
 Earl F. Brown, '55, Los Angeles
 Charles K. Paskerian, Jr., '59, Los Angeles

U. OF OREGON

Carlo A. Apa, '42, Portland
 Roy K. Temple, '44, Pendleton

OREGON STATE

Robert V. Bryant, '56, Portland

wife, Sally is teaching 9th grade Home Economics at the school for military dependents at Fort Bragg.

Robert F. Foster is now completing his studies for a Master's degree in Business Administration at UCLA. He was formerly a member of the Coast Guard Reserve. Last summer he was awarded a fellowship to study international business in Europe under the Journey for Perspective Foundations program.

Miss **Sallee D. Pollock** traveled with her parents to Europe this fall, but plans a November wedding in Santa Monica, California.

Mr. and Mrs. **Paul Budke (Carol Janine Hraba, '59)** are at home in Pilot Rock, Oregon, after completing two years in the Army. Paul is working for United States Gypsum there, while Carol does substitute teaching.

Katherine M. Astala began a two year tour of duty with the American Embassy in Djakarta, Indonesia in September.

Jo Dale Kelley is now teaching the second grade at the Bamberg American Elementary School in Bamberg, Germany.

Karen K. Johnson works at Neuman-Maracus in Dallas, Texas.

Alvin L. Evans is a Plant Engineer with Continental Can Co., Stockton, California.

Sue Harbinsky, former fifth grade teacher at Sunnyvale, California, is now serving in Liberia with the Peace Corps.

Richard Karl Johnson and **Monica Ann Streight** were married this summer in Portland, while **Rodney L. Cummins** and **Theresa Burna** exchanged vows in Cincinnati, Ohio.

A note from **Jack Meredith** finds him working with Douglas Aircraft Co. as an astrodynamist in the field of lunar exploration.

Kenneth J. Bird and his wife, **Penny Signalness, '63**, are at home in Madison, Wisconsin, where he is doing graduate work in geology for his Ph.D. at the University of Wisconsin.

First Lieutenant **Edward H. Fackler** received special recognition from the Air Force for his work in the Air Force missile and space progress this year. He is presently assigned to Headquarters in Los Angeles.

Allan S. Davis and his wife, Nancy, are living in Homer, Alaska, where he is a biologist in the State of Alaska Fish & Game Department.

Dennis Hedges and his wife, **Judith Anne Martin, '64** are at home in Portland where Dennis is assistant manager of Multnomah Athletic Club. His brother, **Robert Hedges, '51**, former assistant manager of the Club, has taken over as manager of Portland Golf Club.

Ralph Hayashi is working on his third year for the Board of Water Supply, Honolulu, as a civil engineer.

Lt. and Mrs. **Ernest A. Harris, Jr. (Shelly Stadheim)** and daughter, Mary Beth, are at home in Monterey, California. Lt. Harris is the only marine officer attending the 47-week Vietnamese course at the Defense Language Institute, West Coast Branch there.

'62

Ray Girod is working as an industrial engineer for C. Brewer and Co. in Hilo, Hawaii.

1st Lieutenant **Ray L. Rider** completed his solo flight in the T-38 Talon jet trainer as a U. S. Air Force pilot trainee at Webb, AFB, Texas. He will receive silver pilot wings upon completion of the year-long ATC flying program. Lt. Rider is married to the former **Susan M. Boenninghausen, '62**.

Kerwin Doughton is owner-manager of the newly opened Hasty House restaurant in Eugene. He and his family live in Springfield.

Mr. and Mrs. **Lowell Erskine Austin (Melinda**

Rickson) and their daughter, Julie, live in Santa Ana, California, where he is a jet pilot with Marine Corps.

David W. Dahl completed active duty with the Navy and is now working for the U. S. Forest service in Estacada, Oregon. His wife, **Cheryl Jones, '64**, is working for the Estacada Grade School District.

Richard L. Kelly received his Master's degree from New York University last June, and is working for Bell Telephone Laboratories in Rockaway, New Jersey.

Robert H. Schmidt was appointed to a temporary teaching post at Oregon College of Education. He will return to OSU to complete his doctorate following his term at OCE.

Myron Harry Nordquist and **Barbara K. Altpeter** were married last year and are presently living in California, where Lt. Nordquist is stationed. Barbara is assistant professor of home economics at San Diego State College.

Second Lieutenant **Raymond C. Lamson** was transferred to Shaw AFB, S. C., following his graduation from the U. S. Air Force communications course; while Second Lieutenant **Roderick D. Martindale**, a SAC KC-135 co-pilot, was reassigned to Grand Forks, North Dakota.

Mr. and Mrs. **William Mayes (Janet Wizner)**, are still living at Bobbahnstrasse 19, Davis, Switzerland where Bill is continuing his research studies in physics at the Swiss Federal Snow and Avalanche Research Institute. An associate of the Mayes is Mr. **Andre Roch**, a famous Swiss climber and Avalanche Defense Expert, who graduated from OSU in the thirties.

Charles Y. Tomita is an engineer with the Space and Information System Division of North American Aviation at Fullerton, California.

Second Lieutenant **David R. Burdick** graduated with honors from the U. S. Air Force maintenance officers course at Chanute AFB, Illinois.

Mrs. **Selma Cochenour** is presently teaching Special Education—mentally retarded, in the White Salmon Valley School system.

Allan H. Doerksen and his wife, **Pamella Myers**, are at home in Corvallis, where Mr. Doerksen is with the Forest Research Center.

Enid "Bambi" Blitz is living in New York City where she is receptionist and "gal Friday" for the advertising firm of Post, Keyes, Gardiner.

Dale E. McKennie was recently appointed sales and service representative for Calaceras Cement Company in northern Oregon and parts of Washington.

Donald E. Hopkins is City Superintendent of Yachats Public Schools and serves as principal of the Yachats Elementary School.

Second Lieutenant **Denny L. May** graduated from the U. S. Air Force weapons systems computer programmers course and was reassigned to ADC unit at McChord AFB, Washington.

Robert S. Levy recently joined the Sarasota, Florida Division of Electro-Mechanical Research, Inc. as an engineer.

Lt. **Billy J. Didier** is a missile combat crew commander for the MGM 13-A weapon system in West Germany.

Recently married were **Joe Moore** and **Barbara Ella Walker, '66** in Portland; **Allan H. Doerksen** and **Pamella Ann Myers, '66**, in Corvallis; **John William Harris** and **Carol Ann Brown** of Portland; and **Lawrence Leon Smith** and **Joanne Lee, '64** of Corvallis.

'63

Wedding bells rang in Corvallis at the marriage of **Sheryl Nichols** to **Loren Damon**; for **Karen Elizabeth Larse** and **Timothy W. Martin**; and for **Lynda Mary Long** and **Charles Amidon**.

They sounded in Portland for **Hugh Miller Sherwood III** and **Valerie Joyce Woodruff**; **Mary Gaylord** and **Donald S. Abinate**; **Linda Anne Weise** and **David Alan Tennant**; and in Armour, S. D. for **Lee Cooper Lyman** and Joan Victoria Waltz.

Darrel R. Purkerson and wife, **Helen A. Suter**, live in Hillsboro where Darrel is a pharmacist and Helen is teaching at McMinnville Senior High.

Wesley E. Harrison, an electrical engineer working in the Minute Man Missile project, is living in Sedalia, Mo., and expects to be there until after Christmas.

Ronald A. Crenshaw was commissioned a second lieutenant in the U. S. Air Force and reassigned to Reese AFB, Texas for pilot training.

Marcia Wright, now Mrs. Ed Seymore, is living in Tacoma, Washington where her husband works for Weyerhaeuser Co.

Beverly S. Butts completed summer session at OSU graduate school where she is working on M.S. in home economics. She is teaching homemaking at Medford Senior High school this year.

Mrs. William Charles Amidon (**Lynda Mary Long**) is teaching at the American School for Boys in Talas, Kaysari, Turkey, where she expects to remain for the next four years.

Second Lieutenant **Brian Williamson** and his wife, **Sally Myers, '61**, have both been assigned jobs at their location in Fort Bragg, N. C. Lt. Williamson is administrative assistant to the chief of hospital clinics at Womack Army hospital, and Mrs. Williamson is the first home economics teacher of the ninth grade in the school on the post.

Mr. and Mrs. **Ronald R. Asta (Merna Schmiedt)** are both students at the University of Arizona graduate school. They make their home in Rio Vista, California.

Airman Third Class **Stephen R. Williamson** recently graduate from the technical training course for U. S. Air Force weapons mechanics at Lowry AFB, Colorado.

Joining the engineering staff of Lawrence Radiation Laboratory in Livermore, California were **Waldo George Magnuson, Jr.** and **William Charles Hess, Jr. Miss Elaine S. Sato** became a member of the chemistry department there.

2nd Lieutenant **James E. Sehorn** was awarded the U. S. Air Force silver pilot wings upon graduation with honors from the Air Training Command flying school at Williams AFB, Arizona. He was reassigned to Luke AFB, Arizona.

Janet Kilbourn is presently working as a residence hall food service manager with the University of California at Berkeley.

James M. Lasher and **Elsie Ann Miller** were married June 6, 1964, and are now living in Alameda, California, where Jim is serving with the U. S. Navy aboard the USS Interpreter. Elsie has a secretarial job at the Kaiser Center in Oakland.

Both **Ronald Asta** and wife, **Merna Schmiedt** are attending the University of Arizona graduate school where he is working for a degree in Civil Engineering, and she, in sociology.

'64

Stephen E. Binney and **Laurelee R. Sykes** were married August 22, 1964, and are living in Berkeley where he is working for a master's degree in Nuclear Engineering, and she teaches at the Berkeley Day Nursery.

W. Martin Bailey lives in Longview, Washington, where he is employed in the credit department of Montgomery Ward and Co.

Elvin E. Cole and **Margaret Ann Williamson** were married after the bride received a masters of arts of general studies from OSU in June, 1964. They are at home in Unity, Oregon.

Also new to the engineering staff at Lawrence

Radiation Laboratory in Livermore are **Stanley Robert Bishop** and **Guy Armantrout**.

James L. Chandler became a member of the Portland General Electric staff as a fish biologist.

Susuma Shisiki is working in Nagoya, Japan as a system engineer for IBM Company.

Margaret Jean Otness and **David Jack Beach** were married in Portland and are at home in Vancouver.

Mrs. Roy Carlson (**Mary Alice French**) is a teacher for Highline Public Schools in Seattle, Washington.

Mrs. Jack C. Gaarder (**Linda Carol**) is a secretary for Master Machine Co. in Corvallis.

James William Oberg is a mechanical engineer for Union Oil Co. in Wilmington, California.

Mrs. Walter G. Thomson (**Kathy Crawford**) lives in California where her husband works for NASA as an engineer.

Recent weddings include that of **David Knight** and **Suzanne Hahn**, '65; **Charon Ann Bauer** and **Robert John Wilhelm, Jr.**; **Richard Astro** and **Betty Ann Lubinski**; **William Hager Clinkinbeard** and **Judith Louise Johnson**; **Kathryn Irene Poling** and **Roger Gladwin Bland**; **Linda Jane Jameson** and **Robert Claire Alton**; **Mary Lou Moore** and **David Edward Montgomery**; **Michael D. Coleman** and **Mary Jean Manley**; **Linda Rose Reab** and **Wesley Shain Heitman**; **Merrie Alice Graves** and **Robert Price Graham**; and **Marilyn Jeanne Thomas** and **Lt. Steven Bruce Kimple**.

Dennis H. Wood was awarded a National Defense Education Act fellowship at the University of Maryland.

Dick Gabriel is employed at the Texaco Refinery at Anacortes, Washington and would like to hear from any Beavers in the area.

Joe N. Hobbs, Jr. is an associate bacteriologist with Eli Lilly and Company in Indiana.

Larry M. Hanson and wife, **Barbara J. Melum**, '61, are living in California where Larry is in the management trainee program with U. S. Steel Co.

Mr. and Mrs. Lawrence L. Smith (**Joanne Lee**) are at home in Portland where Mr. Smith is on the executive training program with Meier and Frank Co.

'65

Tandy Mae Calef and **Robert Frank Brooks** were married in Portland this summer.

Deaths

Helen Lucille Holgate, '95, life-long Corvallis resident died at her home October 30, 1964. She began the school of business at OSU by pioneering the teaching of stenography here. In 1941 she became supervisor of the first clerical exchange, a position which she held until her retirement in 1947. Survivors include one brother, two nieces and one great niece.

Meigs William Bartmess, '04, died at his Ohio home October 11, 1964. Following his retirement from Westinghouse in 1948, he had made his home in Lima, Ohio.

Albert B. Bower, '05, died November 12, 1964 in a Portland hospital. A veteran of the Spanish-American War, Mr. Bower spent most of his life on the West Coast. Survivors include the widow, Georgia, a son and two daughters.

Henry E. "Heinie" Rooper, '07, died October 21, 1964, at The Dalles, Oregon. He was a member of the Pacific Coast Championship Basketball team of OSU in 1906-1907. Survivors are the widow, Sellah, two daughters and one son.

John J. Karstetter, '09, was reported deceased as of May 23, 1964. No further details are known.

Otto Karl Blackaby, '10, a prominent Owyhee County businessman and civic leader, died October 9, 1964, in a Caldwell, Idaho hospital. Mr. Blackaby was proprietor of the Homedale Forwarding Company and Grain Elevator, vice president of the Homedale Bank, and had served as city councilman, county commissioner, and part time mayor. Surviving, in addition to Mrs. Blackaby, are a daughter and one grandchild.

Robert E. Shinn, '14, died suddenly on October 12, 1964. His death followed only a few weeks that of his son, William R. He was a long-time manager of Willamette Cherry Growers Association, and it was under his leadership that the multi-million dollar cherry processing industry was developed. He is survived by the widow, Leonora, and a daughter, Mrs. Bobbe Carson.

Harold Oberdorfer, '16, died on September 4, 1964. No further information is available.

Morris Earl Esselstyn, '20, Pendleton radio TV technician and musician, died November 14, 1964. He was a former commander of the Pendleton American Legion post, and for two years was president of the Pendleton Municipal Band. Survivors are the widow, Lillie, and two brothers.

Harry Ira Nettleton, '21, emeritus associate professor of forestry at OSU, died October 30, 1964. Mr. Nettleton first taught at OSU as an instructor in 1922. In subsequent years he taught at the University of Idaho, and was employed in private business. He returned to the OSU faculty in 1936 and retired in 1962. Besides his widow, Vida, he is survived by four sisters and two brothers.

Prof. **Clifford W. Duncan**, '23, assistant head of the Michigan State University's biochemistry department, died October 25, 1964. After receiving his degree in 1923 from OSU, he entered graduate school at the University of Washington. Following graduation there, he became an organic chemistry instructor at Michigan State in 1929, and remained on the faculty for 33 years. Survivors include the widow, Etta and a sister, Mrs. C. R. Vanderpool.

Elmer T. Colwell, '23, a Portland real estate broker, died November 11, 1964, at the Portland Heart Hospital. Prior to his death, he was a mem-

ber of the Royal Rosarians and the Portland Optimist Club. The widow, Lila and a brother survive him.

Burton R. Adams, '27, died September 28, 1964, of injuries sustained in an automobile accident. He was an Oregon resident for 49 years and chief chemist for Rasmussen Paint Co., Rodda Paint Co., and Portland Paint and Lacquer Co. He also owned a restaurant in Milwaukie for 15 years. Survivors include the widow, Dorothy, one son, a brother and sister.

Wesley Charnock, Mock, '29, died August 24, 1964. He had been Chief Engineer in plants in Cleveland, Ohio and New Jersey for the past 17 years. Previously he was with the U. S. Bureau of Standards in Washington, D. C. The widow, Evelyn Jansen Mock, survives him.

James Harley Sroufe, '31, Canon Beach merchant, died October 4, 1964 in a local hospital. He had lived in Canon Beach with his wife, Margaret, since 1951, operating a grocery there. He is survived by the widow, three sons and his father, all of Cannon Beach.

Mrs. **Grace Margaret Halley**, '35, died at her farm home near Richland, Oregon, following a long illness. Her husband, Ronald, and three sons survive her.

Philip Sanford Williams, '45, died October 6, 1964, in the V. A. Hospital in Los Angeles. He was a private pilot, author of many articles on flying and travel, and employee of several scientific and industrial companies. One of his travel feats which received considerable publicity, was a rubber-raft shooting of the Hell's Canyon Rapids on the Snake River. His life-long interest in flying logged many hours for him, both in his own and in company aircraft. During World War II he served in the U. S. Army Corps as an aviation cadet.

Survivors include his father, John Sanford Williams, a sister and a brother.

Wilma Grace Sanderson, '48, died October 21, 1964, following a heart condition of several years. At the time of her death she was teaching home economics at Gregory Heights School in Portland. Her parents, a brother and a grandmother survive her.

Robert H. Billings, '49, died in Vancouver, Washington, October 9, 1964. He had taught at Covington Junior High school in Vancouver for 15 years. Survivors include the widow, Janet, three sons, a brother and sister.

The death of **Frank Wallace Popenoe**, '51, on September 12, 1964, was reported to the Alumni office by his mother, Mrs. Lucille Popenoe.

Robert G. Tacheron, '51, died in a Vancouver hospital October 17, 1964. He had been a research physicist for the central research division of Crown Zellerbach Co. in Camas the past twelve years. Survivors include his widow, Shirley, two sons and two daughters.

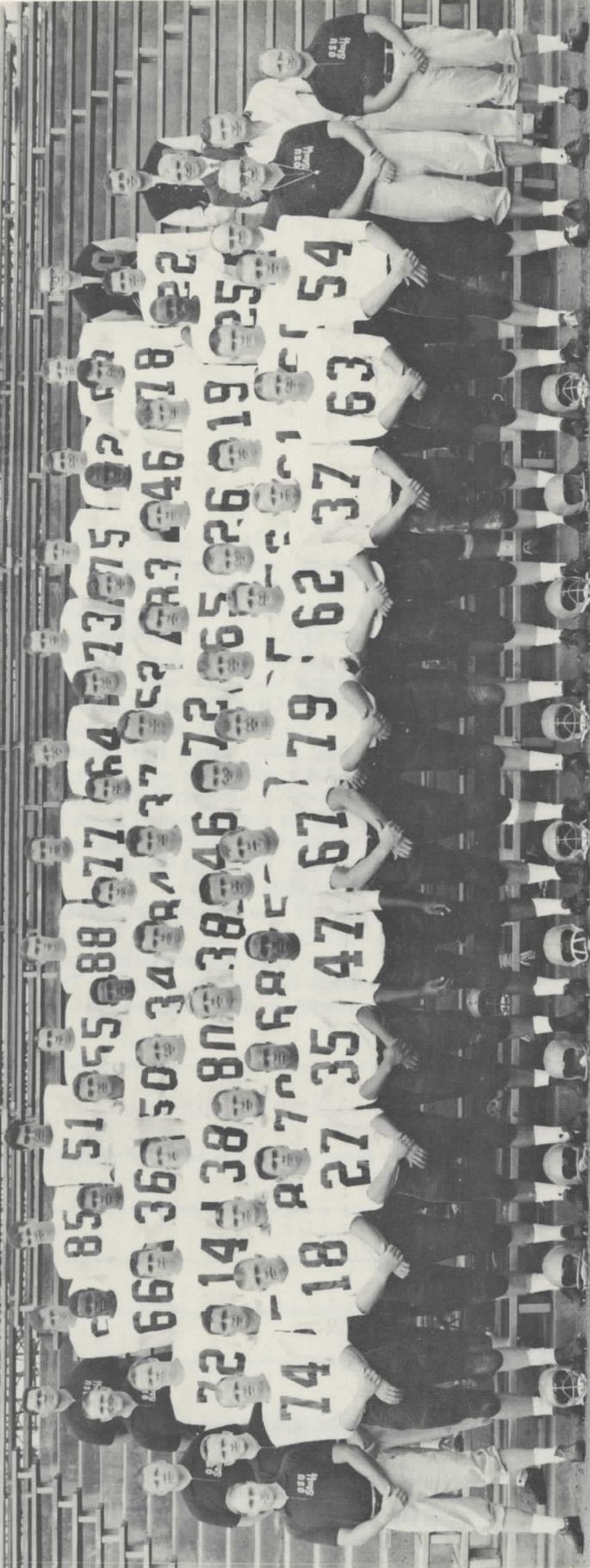
The death of **Richard Louis Allen**, '54, was reported to the Alumni office. No further information is known.

Dan I. Naranche, '57, and his son Michael, 10, were killed in the crash of a private plane October 18, 1964, while on a hunting expedition southwest of Augusta, Montana. The plane was owned by the Naranche and Konda Construction Company of Butte. Mr. Naranche was vice-president of the company.

Besides his widow, Marlene, survivors include two daughters, a son and his parents.

Richard E. Rhoads, '58, was killed August 27, 1964, in an airplane accident in Wichita, Kansas, where he was a test pilot for Cessna.

1965 ROSE BOWL BEAVERS



From top to bottom:
Coaches

Joe Francis
Jerry Long
Ron Siegrist
John Cooper
Bobb McKittrick

From top to bottom:
Mgr. Kirk McKenzie

Sr. Mgr. Fred Anderson
Equip. Mgr. Don Shelley
Dr. John Giffin, Trainer Bill Semon
Coach Tommy Prothro; 1st Asst. Bob Zelinka

(See player numerical roster on page 12)

Our postal costs go up, uP, UP . . . unless

you help us.

Under new postal regulation, it costs the Alumni Association 10 cents just to get back your new forwarding address when you move.

The issue of The Oregon Stater is destroyed by the Post Office, which means we have paid postage to get the magazine sent to you, 10 cents to get your new address, postage to send you a new magazine, PLUS the loss of a copy of the magazine itself.

No matter how small a town you live in, if you move up the street or take a box number instead of a street address, your magazine will NOT be forwarded.

In the case of other general letter mailings from the office, it costs us eight cents to get your new address.

Won't you help by notifying us where your mail should be sent—and please notify us in advance.

Have you missed pages 3-26 of this issue of The Oregon Stater?

. . . If you have, it may be because you have missed sending in your contribution to the OSU Fund for the current year. This November-December issue of The Oregon Stater was mailed to 7500 currently paid-up alumni and life members of the OSU Alumni Association.

Now is the time to jump on the OSU Rose Bowl band wagon and join your fellow classmates in contributing to a greater Oregon State University.

As an active member you receive The Oregon Stater magazine, which keeps you posted on what's new on campus; get ticket applications and seat preference to sports events; get the "News of Oregon State" newsletter; eligible to vote and hold office in the Alumni Association; have available to you the addresses of friends and classmates with whom you may have lost contact. But most important, you are re-aligning yourself with your alma mater.

If you haven't already done so, why not send in your contribution to the OSU FUND for fiscal year 1964-65. Do it today. And be sure to fill out the attached form so that we will know how to use your gift. The amount is up to you. Last year's average contribution was \$11.54.

HOW YOUR CONTRIBUTIONS ARE USED _____

UNRESTRICTED: Of great value since this is the only source of uncommitted funds available to O.S.U. Allows a flexibility that is possible in no other way.

OTHERS: Library, Scholarships, Loan Funds, Visiting Professors, Lecturers, Outstanding Teaching Program, Museum, Liberal Arts Program, Intercollegiate Recreation and Golf Area, Chapel, many others.

HERE IS MY GIFT TO THE GREATER DEVELOPMENT OF OREGON STATE UNIVERSITY.

(If both husband and wife are alumni and this is to be a joint contribution, give both names)

NAME _____ **CLASS** _____

NAME _____ **CLASS** _____

CITY _____ **STATE** _____

AMOUNT OF GIFT _____

PLEASE USE MY GIFT:

Where the need is greatest (unrestricted).

For _____

When you send your gift please include news for publication

Make checks payable to OREGON STATE UNIVERSITY FUND

The Oregon Stater Magazine is sent to all contributors