

the
OREGON STATER

February-March, 1966





the OREGON STATER

VOLUME 26

FEBRUARY-MARCH

NUMBER 4

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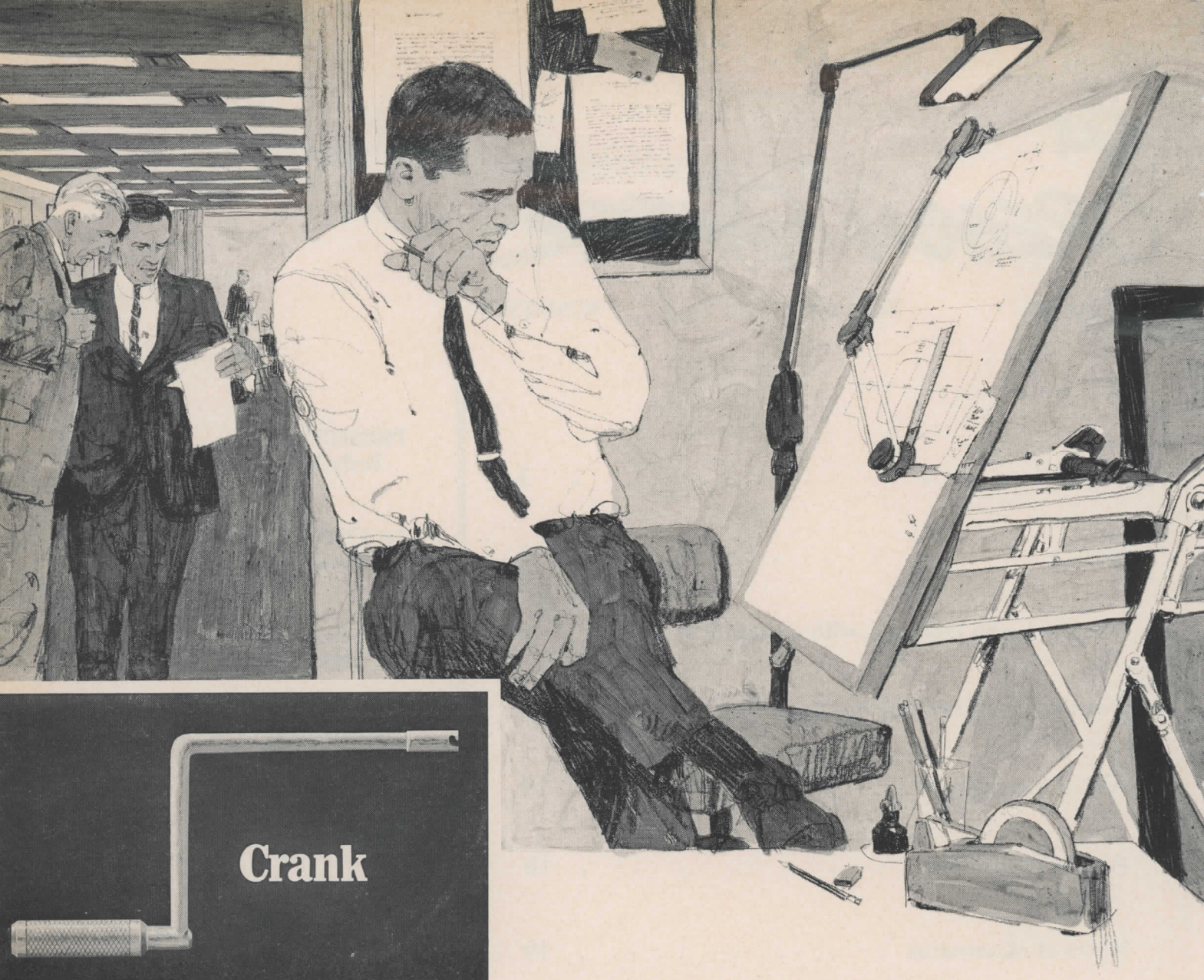
SECRETARIES

Mrs. Charmayne Klett

Mrs. Lucky Mueller

Pictured on the inside front cover, smiling their approval of Oregon State's winning the AAWU basketball championship, are Coach Paul Valenti's wife Fran, and daughters Vicki and JoAnn. (See basketball story starting on page 6)). *Photos by Bill Reasons.*

The Oregon Stater is published September-October, November-December, January, February-March, April, Summer (August), by the OSU Alumni Association, 104 Memorial Union, Corvallis, Oregon 97331. Entered as second-class matter at the Corvallis, Oregon Post Office October 1, 1940, under Act of March 2, 1879. Subscription price is \$4.50 a year. **Chuck Wenstrom, Editor.**



Self-Starters

It took a human self-starter to eliminate the crank. General Motors engineers have been inspired by that example ever since. They have kept to the trail laid down by a genius named Charles F. Kettering.

Back in 1910, the experts told Mr. Kettering that a practical electric starter for automobile engines was an impossibility. It took him six months to develop one. His self-starter eventually eliminated the dangerous hand-crank, revolutionizing motoring and putting women in the driver's seat. His record of scientific achievement in the decades that followed is without parallel.

And like this remarkable man's most famous invention, today's GM engineer is a self-starter—one who doesn't wait to be asked, who seeks out the tough problems and sets out to solve them.

They're a vital group, these men of science who follow the Kettering flame—restless, curious and devoted to the idea that nothing is so good it can't be improved. Their collective contribution to GM's progress over the years is beyond measure.

General Motors Is People...making better things for you

*Oregon State University Foundation
and the OSU Fund*

On page 12 there begins an article that explains the purpose of the Oregon State University Foundation and its search for private gifts for the University, as described by James W. Dunn, development officer.

We thought that while publishing the article, "Not the Ordinary, but the Superior," we also should differentiate between two gift programs of the University; the Oregon State University Foundation and the OSU Fund. The latter is the annual giving program of the OSU Alumni Association.

The Foundation is a tax-exempt, non-profit organization incorporated to further the educational activities of Oregon State University. It is interested in substantial one-time gifts which provide the principal that in turn supports a program through the gifts' own "annual giving" in the form of interest on the principal.

On the other hand, the OSU Alumni Association's broad objectives are to promote interests in and ideals of Oregon State, to stimulate and encourage loyalty in graduates and former students, and to develop a sense of responsibility for continued progress in educational programs of the University.

To attain the Association's objectives, an active organization is required. And, active organizations do not function without financial support. The Alumni Association gets its outside support through the OSU Fund.

Contributions to the Fund are used to maintain alumni records; to provide for publication and distribution of the *News of Oregon State University* and *The Oregon Stater* magazine; and to finance and organize class reunions, Homecoming, nation-wide gatherings, and other alumni activities and functions.

During the past several years the OSU Alumni Association, through the OSU Fund, was able to contribute over \$20,000 to the Foundation for student scholarships and loan funds, outstanding teaching awards for faculty excellence, and for other University-needed programs where state funds are not available. This amount was over and above that needed to underwrite the special and traditional services provided by the Alumni Association for all former students of Oregon State.

Which is right for you?



If your hearing is normal, the telephone handset on the left is for you. It's what you use now.

But if hearing is a problem, the one on the right may be a help.

It's a transistorized handset for the hard of hearing that has been developed by engineers at Bell Telephone Laboratories.

The small, thumb-operated knob lets the hearer adjust the volume of the caller's voice as on a radio, making it as loud as desired. The handset fits inconspicuously on any phone base, in any color. It's one of a number of telephone aids for the handicapped.

For the speechless, there is an electronic artificial larynx, also developed at Bell Laboratories. This provides a steady tone in the throat cavity which can be modulated into words by shaping mouth and lips.

Several thousand bedfast children around the country keep in touch with classroom work from home or hospital via two-way Bell System amplified telephone circuits.

For the blind, there are switchboards that operate by touch. Other devices for other impairments are being worked on.

Some of this equipment looks like the regular thing—some doesn't.

But the point of it all is to give the handicapped service that's as close to the regular as we can make it.

If you'd like more information about any of these helpful special services, just call a Bell System Business Office, or ask a telephone man.



Bell System

American Telephone & Telegraph
and Associated Companies

1915 Football Squad

Thanks for the November-December issue of *The Oregon Stater*, which just arrived.

The picture of the 1915 OAC football squad 50-year reunion brought back fond memories. Although I was not on the squad I did know all the men personally and enjoy seeing them in picture.

Mrs. Walton (Gladys Rodgers) and I both enjoy *The Oregon Stater* and hungrily look for news of old grads. We were both in the class of 1917 and hope we may be able to go to the 50-year reunion. Who knows?

F. W. Walton, '17

I was very much interested in the picture and write-up pertaining to the famous 1915 OAC football team (in the November-December *Oregon Stater*). As I was a 3rd year student in the Law School at Ann Arbor, Michigan, when this famous game was played, I thought the alumni might be interested in knowing more about it from an eye witness.

About ten days before the game between University of Michigan and Michigan State, I received a telegram from Dr. Stewart, coach of Oregon State, requesting me to have the game between Michigan and Michigan State scouted and make a report to him. I accordingly, secured the services of my classmate, Mr. McHale, who was the center on the Michigan team. He agreed to help as he would be on the sidelines that day from injuries received previously. He came to my room and worked out a set of twelve cards, as he felt Michigan State would not use more than 12 different plays. On the date of the game he had me seated in the center of the stands on the west side so I would have a good view of the plays. He was on the sidelines with the Michigan team.

Of course, we Michigan folks were very much humiliated when we were beaten by Michigan State. The next evening, McHale and I got together and we sketched out the twelve different plays Michigan State had used.

The following Friday morning I skipped my classes at the Law School and entrained for Lansing, Michigan. On the train I met Attorney Horace Kerr of Detroit. I believe he was a nephew or close relative of President Kerr of Oregon State. He was quite elated when I told him of my mission. At Lansing we hurried from our hotel to the big railroad car in which the Oregon State team was quartered. Dr. Stewart admitted us. He was quite pleased with the set of cards, then introduced us to the team. As we left, he proceeded to hold a blackboard talk on the different plays. I might add that Dr. Stewart was also a great basketball coach and he trained the boys on the forward pass.

The next day Mr. Kerr and I were seated

among about 50 rooters of Oregon State. During part of the first quarter it seemed as though neither side could gain much by line rushing. Shortly, Dr. Stewart gave the signal to begin using the forward pass; and from then on the Oregon State team took complete charge of the game. As I recall, the score was more than 20 to 0. Anyhow, we Oregon State rooters were all quite hilarious with the results. Many came with their pennants and orange and black hats.

I remember reading an item from one of the Chicago papers before the game quoting Coach Stagg of Chicago that the Michigan Staters would swamp the Oregon Aggies. How mistaken he was.

As a sequel to this game, the next Monday morning the Secretary of the Law School called me to his office to receive a reprimand, etc., for skipping my classes the previous Friday. He said this was serious, but I soon explained my reasons in detail. He then eased up by saying that under the circumstances since the Oregon Staters had beaten Michigan State so badly, he would remit any punishment of my skipping classes.

I had never before seen the poem by Grantland Rice. It certainly summed up the situation for OAC.

I am not in the State Senate any longer as my term expired and I did not run again. I am busy again practicing law. I hope, if all things are equal, to be able to attend the next reunion of the Class of 1912 in 1967.

Walter E. Morris, '12

(Ed. Note: Mr. Morris was a state senator from the 37th district of the State of Pennsylvania.)

More on Viet Nam

Please find enclosed contribution for my wife (Beverly J. Wagner, '60) and I for 1965-66.

Congratulations on latest issue (November-December) *Oregon Stater*! It helps set the record straight on Viet Nam.

Larry Mendenhall, '60

Enclosed find check for my contribution for 1966.

Before getting too enthused over the popular support of President Johnson's adventure in Viet Nam, let's remember the mass support of Hitler, and the results thereof.

Leslie Davis, '24

How Many Voices?

So, Dr. Hovland's Charter Day address was considered so important that it was necessary to make doubly sure that no one missed it! First, it was mailed out in booklet form. That wasn't enough—it was printed in *The Oregon Stater*!

Listing Jesus Christ along with various historical and contemporary mortals probably offended many devout Christians who read the following sentence on p. 12 of your January, 1966 issue: "We need more men like Socrates, Jesus, Galileo, Martin Luther King, Voltaire and Tom Paine if man ever is to grow up."

Does OSU's chairman of the Department

of Philosophy and Religion intend to equate those famous mortals with Jesus, whom Christians worship as perfect? Perhaps he intended to say something different. If so, we hope that lectures are more carefully phrased than his Charter Day Address.

Dr. Hovland also states: "I am convinced that students (let us say alumni, also) can be trusted, ultimately, to discriminate between true and false, but only if they have ample opportunities for comparison. . . ."

Quoting from an article in the *South Carolina News and Courier News*, May 21, 1965: "We are mindful of many a conversation about academic freedom and the right of students to know the other side. What other side? The other side of fact is falsehood. The other side of freedom is slavery. The other side of loyalty is treason."

In the fall issue of the *Oregon Stater* there were four articles by four different faculty members against the War in Vietnam—bringing comfort to the enemy. In the next issue one lonely voice (not faculty) was raised in support of the American position. Will you do at least that well to present a Christian view among the "many voices"? Does the campus have a Gospel minister on the staff to present the Christian view?

Edith Allman (Mrs. D. I.)
Corvallis

Beaver Antecedents Errors

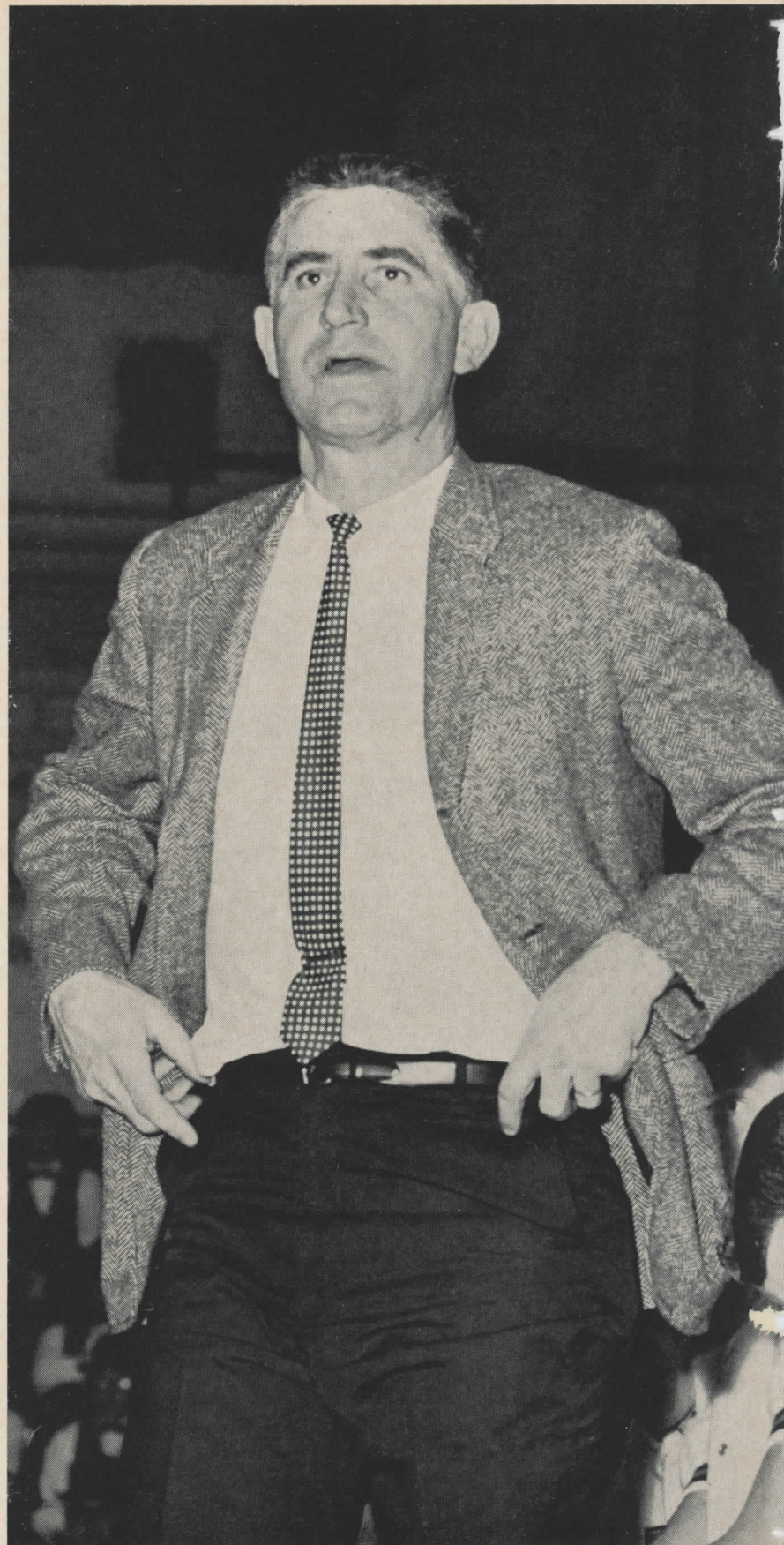
It seems curious that in your article "Beavers Born and Bred" in the January, 1966 issue of *The Oregon Stater* you should refer to the Class of 1871 as the first graduating class. The Fifth Annual Catalogue of Corvallis College (1869-70) lists four members in the Senior Class in 1870: James K. P. Currin, Charles J. Mulkey, Robert M. Veatch, and Alice E. Biddle. All of these except Mulkey graduated in June, 1870 and became our first graduating class. Hugh McNary Finley did not receive his A.B. degree until 1871 and hence was a member of the second graduating class.

There are other errors in your article. Corvallis College was founded in 1857. The significant change that occurred in 1865, when Rev. William A. Finley became president, was that the college-level study was added. The name was not changed until 1873 when the Eighth Annual Catalogue was issued under the imprint of "Corvallis State Agricultural College." It carried this title until 1877, when it became "State Agricultural College." In 1880, it went back to the name "Corvallis College," which continued until 1886 when the name "Corvallis and Oregon State Agricultural College" was adopted. In later years there were a number of variations of this title until "Oregon Agricultural College" became standard.

We should take pride in the fact that our first graduating class in 1870—two men and one woman—is probably the first from a state-assisted institution in the Pacific Northwest. The University of Washington did not graduate its first class—one woman—until 1876. The University of Oregon graduated its first class in 1878. At Oregon State, classes in an unbroken sequence have received degrees each year since 1870. This year's class will be the 97th.

J. Kenneth Munford, '34
Director
OSU Office of Publications

**Discipline
and
Defense
with a capital V**



Sportswriters have written it up as "the old dribble derby," "the roundball game," "the bounceball sport." And they've called it a game of speed, endurance and accuracy; a shooting man's game, a non-contact sport. They even have referred to it, these writers of sports, as a game of basketball. At Oregon State the name of the game is discipline.

Howie Dallmar, coach at Stanford University, put it most revealingly when he said of this year's Oregon State basketball team, "Perhaps Paul has an even more disciplined team than those Slats Gill coached."

Paul Valenti might not agree. Discipline has been Oregon State basketball for years; 36 years before Paul, to be exact, when Beaver basketball was personified by Amory Tingle "Slats" Gill.

Paul was Slats' protege. He came to Corvallis as a basketball player in 1938 and, but for Navy service during World War II, was a player or an assistant to Slats until he became head coach in 1964 when Slats became athletic director.

"There's no question about it, we play similar to what Slats would do," Paul says. "But, we have some different ideas, too."

Maybe Dallmar was right. For an idea, take a Slats Gill steak, add some Paul Valenti seasoning, and with the same meat there is a new flavor. But, it wasn't as if Paul had nothing to start with. He had a tradition going for him. An Oregon State tradition.

"Discipline is something we work on all the time," Paul says. "The Freshmen get it and have to adjust to it the first time they turn out. We develop it constantly in practice, we talk about it, and the players talk about it among themselves. It's part of their training, the same as dribbling, shooting and handling the ball. It's a tradition that has been developed over the years, the same as other traditions are fostered and appreciated on the campus.

"Discipline is part of our organization. The players know what is expected of them at all times—on or off the court. They're constantly reminded during the season that they have two obligations to Oregon State University: following through on their academic responsibilities, and playing basketball. And it takes a lot of concentration and determination to play both games right.

"This discipline is an educational thing. Doggone, it sure has helped me, and I know it has helped other players who have gone out to all walks of life. The discipline we require is the same as that needed to get ahead in education, or business or industry."

Jimmy Anderson, Paul's assistant, describes his fiery boss as the sincerest, most down-to-earth person he has ever met.

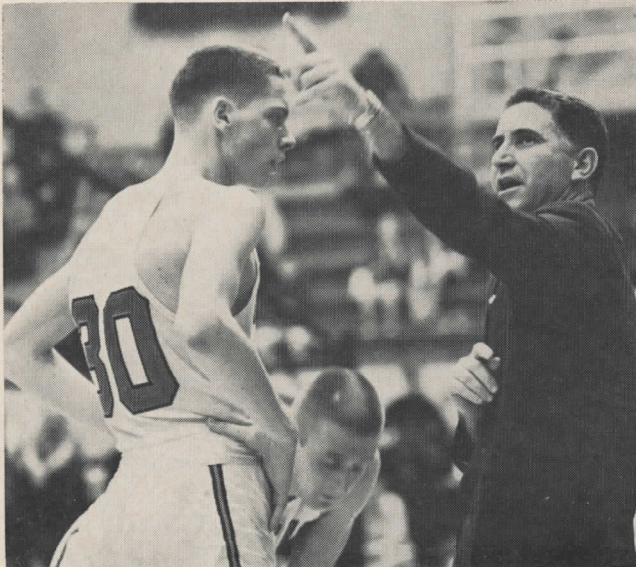
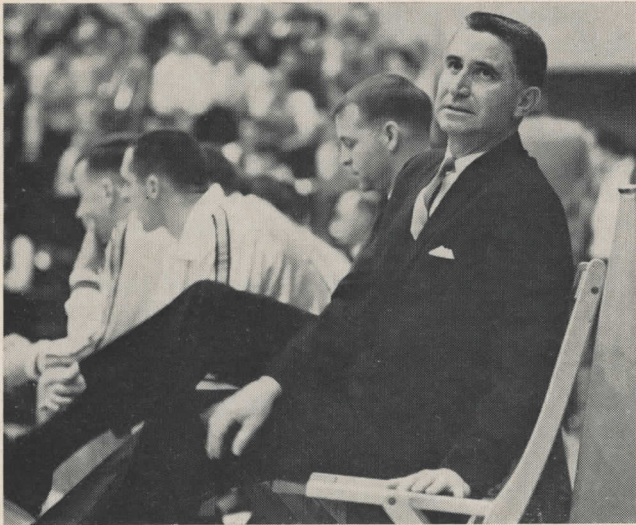
"He is so dedicated to basketball and his players that it, well, it just plain inspires you. And, no bones about it, he lets you know where you stand with him—good or bad. I guess his greatest quality would have to be his sincerity."

The best way to picture Paul Valenti is to evaluate the way his team responds to him. And, keep in mind, he is no Melvin Milquetoast when dealing with his players or the game. He stomps, and he hollers and gestures his instruction to the team during a game. At times he even plays his own unique game of musical chairs, bouncing from one end of the "bench" to the other. Some have likened him to a Marine D.I. on Parris Island.

How does this affect the players?

It inspires them, Jimmy says matter-of-factly. "They know he is in the game with them. They know how badly he wants them to get the job done, for themselves. And they work, hard, at following his every instruction.

"Paul looks out more for the players than they do for themselves. And he sincerely appreciates



what each player does. There are not many bosses around that thank you for doing a job you're supposed to do, are there?"

If discipline is Oregon State's game, then defense has to be its staunchest ally. At this writing the Beavers were the top defensive team in the nation, allowing less than 54 points per game.

There have been sportswriters who have used these descriptions for Oregon State's team: "slow-motion Beavers," "put 'em to sleep offense," "unexciting and stingy basketball." Well, Oregon State fans, as well as players, appreciate Oregon State's style of play. They think these sportswriters are dead wrong. Just as wrong as if they described a 1-0 baseball game as unimaginative, dull, stingy.

But, Paul isn't a dyed-in-the-wool ball-control coach. "The kind of game you play depends a lot on the type of players you have. The abilities of the players we have this year dictated that we go to a deliberate, defensive-type game."

Howie Dallmar thinks the same way. "I don't blame Paul for a deliberate attack, either. It wasn't too many years ago I used the same tactic, because I didn't have much size."

Paul believes that defense is one of the two most competitive parts of the game; that and backboard rebound play. "We try to build pride in our defensive play. The boys enjoy it and work hard at it. You know, it takes a lot of concentration and competitiveness to play good defense. We spend a lot of time on it in practice."

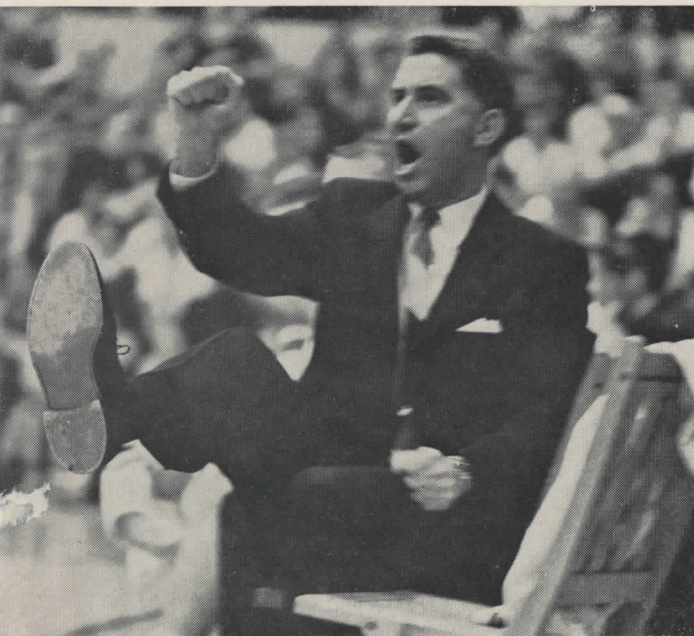
How a team plays a deliberate offense depends a great deal on the game situation; score, defenses, time factor, personnel on the opposing team. Paul pointed out that even with his disciplined offense, he likes to let each boy play with individuality and as much freedom as possible—let them make a lot of their own offensive moves. "The less stereotyped we are the better," was the way Paul put it. This way the opposition doesn't know what to expect.

"We keep working the ball around looking for the good shot. We never try to do anything our opponents would like us to do. For instance, if they're staying in close to the basket taking our good shot away from us, we'll work the ball outside and make them come out to us. Of course, the game situation dictates this. If we're behind and hitting well from outside, we'll probably shoot from out there. But, doggone, if we are ahead we're not going to throw the ball up there, gambling for a basket as if we were behind! That's what our opponents want us to do."

How effective this deliberate offense has been is again best described by Dallmar. "You can't concentrate on any one Oregon State player. All five starters can hurt you, and you never know which one it will be."

When asked about the accomplishments of this year's team, Paul admitted he was surprised. "It has to be a tribute to the fellas. What a tremendous job they have done; and the sacrifices they have made! You know, they must get along great together as individuals to have done what they have as a team."

"A lot of credit has to go to our fans and students, too. They know the history and tradition of



Oregon State basketball, and what their responsibilities and obligations are to get the job done right."

Slats Gill said that he was as surprised as were all other Oregon State fans at the tremendous job the team did this year. "As a player, Paul indicated the tremendous competitiveness he is showing now. He displayed his loyalty to the team and to Oregon State University as a player, as an assistant and now as head coach. His loyalty and appreciation of people was an indication of his future capabilities. The great job he is doing doesn't surprise me a bit."

And back to Paul, who has had such great success in his two years as head coach, "Heck, we haven't got all the answers. We've just got to keep working hard, concentrate on what we're doing and do the best job we can."

Is that discipline for everyday living, Coach?
You bet it is.



Not the Ordinary, but the Superior

Jim Dunn, OSU Development Officer, talks about tax deductions and exemptions as incentives to the kind of giving that will help fill University needs not provided for by state funds

"Yes!! It is necessary for public universities to seek private gifts. That is, if maintaining a state university means more than just getting by," so stated James W. Dunn, Oregon State University Development Officer.

"Private gifts will permit Oregon State University to bridge the gap between 'the good' and 'the superior.' Being a state educational institution, OSU is not basically concerned with survival. Though it receives less than 40% of its total operating funds from state appropriations, it can be reasonably assumed that the university will survive as long as the state survives and can do a moderately acceptable job indefinitely with the support it normally receives."

However, the administration has pointed out that an ordinarily good program will not now suffice. The challenge of satisfying vastly increased enrollment demands and providing for a quality of education not generally attained heretofore is before the university—and is expected to continue. The goal, which in effect becomes the minimum requirement, is not the ordinary but the superior and it is the application of private gifts that can make this difference.

To aid Oregon State University in its search for private gifts, the OSU Development Office has recently initiated a new Educational Gifts Program. Directed by Mr. Dunn, the program emphasizes the importance of individual and family financial planning and explains how gifts can be made to Oregon State University within the framework of an up-to-date financial plan at a considerable tax discount. A gift may not reduce a person's income or the value of his property to the degree that he now believes. In fact, it is indeed possible that a gift to OSU may actually increase spendable income.

Congress has so drawn the tax law that the generous are rewarded. The rewards come in the form of special tax deductions and exemptions which actually lower the taxes donors or their estates would otherwise have to pay.

Mr. Dunn points out that the Educational Gifts Program is basically one of service. It is designed to bring to the attention of OSU alumni and non-alumni friends the reasons why financial planning is important and why established plans must be regularly reviewed to keep current with prevailing conditions. The program also cautions that people who plan to make substantial gifts to the University must necessarily consider how such a gift will affect his own and his family's financial position. "We want to help them determine this. The last thing Oregon State University would want would be a gift that might possibly jeopardize the financial well being of any individual or any family."

A recent analysis of the estates of some three thousand individuals showed that if these persons had passed on with unrevised financial estate plans, their beneficiaries would have lost millions of dollars. Further study indicates that about eight out of every ten estate plans are out of date. To be more specific: A financial analysis made a short time ago of an estate of \$160,000, owned by a married man, showed that if he had been unfortunate enough to pass on with his old will in effect, the property he owned would have sustained *an avoidable loss* of over \$19,000. Had the gentleman been worth \$200,000, the loss could have been *more than \$26,000*.

Gift and estate planning has many advantages, with personal satisfaction ranking alongside tax advantage at the top of the list. Federal tax law provides that practically all gifts to education can now be deducted to the extent of 30 percent of the donor's adjusted gross income. Formerly the limitation on most gifts was 20 percent of income.

"Furthermore," Mr. Dunn said, "under the tax law enacted in 1964, it is no longer necessary to keep charitable gifts within the current year's deduction limitations. Gifts in excess of 30 percent of income can now be carried over and deducted during the five succeeding years."

But, Mr. Dunn is realistic. He admits and even stresses that a gift to Oregon State University, or

to any charitable institution for that matter, will always cost someone something. There are no tax gimmicks or magic factors involved here. "However, we have helped many persons do some important family financial replanning in connection with the possibility of a substantial gift to us. Often this replanning has such positive effects as increasing a persons spendable income during life and also increasing the value of what they leave for their family's future welfare."

An example is the case of Mr. A, an alumnus, who took the following action after a review of his financial situation. Mr. A owned growth securities acquired many years ago. He created an irrevocable living trust and deposited these securities in it. The trustee is a bank, with full control over the investing of the funds of the trust. Mr. A receives all the income of the trust for life, then Mrs. A receives the income for her life. When the survivor dies the trust ends and principal goes to the University.

As a result of this action, Mr. A is entitled to claim an income tax deduction for a contribution in the year he deposited the securities in the trust. The amount of the deduction is computed from government tables, based on two lives being involved. An interesting feature of Mr. A's plan is the possible freedom from capital gains tax on sale, by the trustee, of the original growth securities (to obtain diversification, for example, or a higher current yield). As for estate tax, the trust would be wholly or largely free of tax at Mr. A's death and there will be no tax at Mrs. A's death. And the University will eventually receive a significant sum to help meet the challenges before it.

Mr. Dunn points out, too, that federal taxes make an educational gift larger, in a way.

"If, for example, you give \$1,000 to OSU and you are in the 40 percent income tax bracket, you

will get back about \$400 as a reduction in your tax. OSU receives \$1,000, but only \$600 of this really comes from you. The other \$400 comes from the federal government."

Gifts to Oregon State University may be made either by will or during life. Gifts made by will save estate tax and gifts made during life save income tax and estate tax, too. Thus, it is apparent that from a tax standpoint, a gift during life is likely to be more advantageous than a gift by will.

However, the tax rewards, alone, cannot move anyone to give to the University. They are not the starting point of a gift. The aim, to help Oregon State University or to help young people further their education comes first. It is only when this aim exists that the favorable tax treatment becomes interesting.

Mr. Dunn acknowledged that the gift opportunities at Oregon State University are as numerous and varied as the activities of the University itself. It is conceivable that an opportunity for giving exists within the field of interest of every prospective donor. He went on to point out that private gifts will enable OSU to recognize and reward outstanding faculty achievement, enabling the university to remain competitive. Private gifts will provide for library enrichment that is attainable in no other way. Private gifts will provide for student encouragement and assistance. In short, private gifts will season the academic atmosphere and help make it conducive to top instruction and research effort.

"It is our desire," cited Mr. Dunn, "to bring the benefits of the Educational Gifts Program to the attention of our alumni and non-alumni friends so that they may better enjoy the rewards of good financial planning and learn how they may be able to assist Oregon State University in the process."

Estate planning, Mr. Dunn carefully explains, is not solely for the benefit of millionaires. "Persons with estates of \$60,000 or more can benefit, too; and every person should draw up a formal will, the size of his estate notwithstanding."

Federal estate taxes, generally payable within 15 months of death, apply if an individual's estate is valued at more than \$60,000—and the taxes are high enough to cause concern. For example, the federal tax on a taxable estate of \$200,000 is \$32,700. The bigger the estate, of course, the higher the tax—and the property may be taxed again and again as each beneficiary dies.

Mr. Dunn pointed out that there is a general misconception as to what is included in one's estate for federal estate tax purposes. "Everything you own is subject to the estate tax—your home, your securities, your bank accounts, and your life insurance is also taxable. So is your jointly owned property, your business, and some employee death benefits. If this totals \$60,000 or more, an individual is subject to federal estate taxes."

Mr. Dunn is a 1951 graduate of OSU and obtained a master's degree from New York University. He recently completed a training program in the technique and principles of a financial planning approach to educational gifts' consideration. As a part of his duties, Mr. Dunn will explain how intelligent financial planning can permit an individual to make a substantial gift to OSU without impairing his capacity to fulfill family obligations. He emphasizes, however, that final action should only be taken in collaboration with the donor's own attorney. Persons desiring additional information should contact Oregon State University Development Office, Commerce Hall, Corvallis, Oregon 97331.

COMPARATIVE TAXES FOR A MARRIED COUPLE
(Showing Effects of Estate Planning)

Value of Estate Before Deducting \$60,000 Exemption	Tax in an Unplanned Estate	Tax in a Planned Estate	Tax With a 10% Gift to Education
\$ 200,000	\$ 36,060	\$ 9,600	\$ 6,400
300,000	75,230	35,800	27,400
400,000	116,736	65,400	53,400
500,000	158,936	95,400	80,400
700,000	245,725	157,000	135,200
1,000,000	383,195	253,000	221,000

About the campus

Oregon's Volunteer Army

A human-interest story of Oregon's volunteer army of 100 years ago, including its woes with Indians and its worries over possible uprising from secessionists in the state, has been published by the Oregon State University Press.

The new book is entitled "A Webfoot Volunteer, The Diary of William M. Hilleary, 1864-66." It gives new insight into how the Civil War touched Oregon at a time when settlers were spreading across the state and Indians were troublesome in Eastern Oregon.

Hilleary was a corporal in Company F, First Oregon Infantry. He joined up in Albany on the day before Christmas 1864 and served until July, 1866.

During those months, he served at Camp Russell, where the State Fairgrounds now stand in Salem; at Fort Hoskins in Kings Valley; at Camp Colfax (near Irondale) and Camp McDowell (near Ukiah) in Eastern Oregon; at Fort Vancouver and Fort Walla Walla in Washington; and at Camp Lyon and Fort Boise in Idaho Territory.

The regiment to which Hilleary belonged seldom saw service that appeals to the patriotic spirit of men, the book notes, but its very presence added stability to government and safety to settlers and wagon trains.

Editors of the new book are Herbert B. Nelson and Preston E. Onstad, English professors. The book was published in cooperation with the Oregon Historical Society, which has the century-old diaries.

"Even though its battlefields lay far across the continent, the Civil War between the federal government of the United States and its seceding southern states posed two threats to the people of Oregon," Nelson and Onstad point out.

"Withdrawal of U. S. Army regulars for more active fighting in the southeastern parts of the country left the settlements without sufficient protection from the depredations of marauding Indians. Threat also existed that southern sympathizers might seize the government of this young state and turn it against the federal government or set up a separate republic," they said in the introduction.

The voluntary army was pressed into service to man the posts left by the regular army troops. A \$150 bounty was offered as an inducement for volunteers.

During his first year, Hilleary estimated that he walked and rode some 1,500 miles, helping to protect settlers and freight wagons and to keep supply roads open to isolated areas.

Rewards were few but hardships were plentiful. Acting as clerk of his unit, Hilleary laboriously copied the various orders and documents. Sand sometimes whistled over the rock he used as a desk and he related

how the ink in his pen sometimes froze in winter weather.

Food and clothing were never plentiful either. On Feb. 27, 1865, he wrote: "the supper might be considered a 'square' meal. Sure enough. For it consisted of a piece of bread only 2 inches cube with water in abundance."

The unit spent long hours guarding lonely outposts "nobody wanted to attack," he noted.

Secessionists posed a danger in Oregon during Civil War days, the book makes clear. There were a considerable number of pro-slavery citizens in Oregon at the outbreak of the Civil War and the number was apparently increasing. Some of them were in favor of establishing slavery in Oregon; some of them hoped to create a Pacific republic; some of them, probably a majority, opposed the immigration of any but members of the white race, the editors say. Lincoln carried Oregon by only 270 votes in 1860 (of 14,700 votes cast) and 1,431 in 1864.

Hilleary came to Oregon as an educated young man looking for new opportunities. He was 24 when he enlisted in Company F and his diary was written, not for history, but for his girl friend who later became his wife.

Company F, 1st Oregon Infantry, was mustered out of service on July 20, 1866. When Hilleary returned to civilian life, he went back to teaching school in Linn and Marion Counties. His salary was \$4 for each student enrolled.

In 1868, Hilleary bought a farm about a mile south of Turner, and later became State Master of the Oregon Grange. He also served as a member of the Board of Regents for Oregon State College—now University—for four years. He died in 1917.

Copies of the 240-page book sell for \$6. They may be ordered by writing the OSU Press.

Horace Greeley Letters

Two letters, handwritten by Horace Greeley, have been donated to Horner Museum on the Oregon State campus by T. J. Starker of Corvallis.

Greeley, founder and first editor of New York Tribune, wrote the letters to Mr. C. S. Ostrander, great-grandfather of the late Mrs. T. M. Starker. The letters were written on New York Tribune stationery and are dated Feb. 22, 1871, and Feb. 26, 1871.

The letters concern the formation of a colony which later became Greeley, Colorado.

Because of Greeley's poor penmanship, it is difficult to understand the letter's contents. The letters have been mounted in the museum with a brief history of them and a typed transcription of their contents.

Farms Getting Larger

Farms are becoming larger, more efficient and fewer. This has been the trend for sometime, but just what this means was recently underscored by U. S. Department of Agriculture reports.

For instance, in 1963, 44 percent of all farms accounted for 91 percent of cash receipts from sales and 80 percent of the realized net farm income in the United States.

That year 1.5 million farms had sales of \$5,000 or more. They sold \$35 billion worth of products and received a net farm income of \$10 billion.

In all, 3.5 million farms were counted in the U.S. with total cash receipts of \$38.5 billion and realized net income of \$12.5 billion.

According to a USDA Economic Research Service survey of farms by classes, there are now nearly a fifth more farms in the "above \$10,000" classification than in 1959. These farms made up 27 percent of the total and accounted for 78 percent of the cash receipts and 61 percent of the realized net income.

Farms in this class have been increasing in number since 1959 and account for a growing proportion of the receipts and income.

Playing Business Games

"Playing games" is becoming a popular pastime for boards of directors and managers of agricultural business firms nowadays.

While this may sound like a waste of time for businessmen, the "games" are actually helping managers and directors learn how to keep their firms in the black through more profitable decision making.

Application of computerized business game exercises to the teaching of subject matter to officers of agricultural firms is being pioneered by the Cooperative Extension Service at OSU.

Working under a contract from the Federal Extension Service, extension economists have adopted several "games" which enable businessmen to make two to four-year operating decisions for a mythical firm during a two-day workshop.

The latest game is designed to help management learn more about the use of various information sources in planning future operations, and is used to teach the subject matter in their latest manual, "Developing Planning Information for Agricultural Marketing Firms."

Depending on the soundness of their decisions, the mythical firm makes or loses money. The executives are organized into planning teams for each game, since many decisions affecting the operations of actual firms are made by boards of directors or committees.

The program was developed by Economists Leon Garoian and the late Arnold Haseley.

Garoian says that the game exercise method is preferable to conventional classroom instruction for teaching certain business methods, since the games allow businessmen to actually function in situations that are very similar to the situations they encounter in actual day-to-day operation of their own businesses. Decision-making methods learned through the games can later be applied to actual business situations.

H-Bomb 'Antidote'

A medicine that might enable humans to survive substantial amounts of radiation from an atom or hydrogen bomb explosion is being developed by scientists at Oregon State.

If successful, it could save many lives among those not hurt by the blast or fire of a nuclear explosion, but exposed to radioactive rays created by the blast.

Fallout from nuclear explosions contains lethal Roentgens, a measure of radiation. An exposure of 800 Roentgens is considered fatal for humans and mice.

In laboratory experiments at OSU, mice have shown a 60 to 70 percent survival rate when exposed to 800 Roentgens, and 100 percent survival when exposed to 500 Roentgens of radiation.

The research, which has been going on for about a decade, is being directed by Dr. Arthus Anderson of the Department of Microbiology.

He said within 10 years it may be possible to protect people from exposures up to 3,000 Roentgens—nearly four times what is presently considered a lethal dose. Irreparable nerve damage occurs above the 3,000-Roentgen level, he said.

Anderson is working with a strain of microorganisms discovered at OSU in 1954 which is highly resistant to radiation.

Before the 1954 discovery, scientists believed massive doses of radiation were fatal to all organisms. Anderson said bacteria from the strain have survived exposures of up to 5 million Roentgens of radiation.

No Toot Like Old Toot

Oregon State's students, faculty and staff, and even Corvallis townspeople for that matter, noticed something completely out of the ordinary for a few days in January.—The absence of the familiar blast from the OSU campus whistle at 10 minutes before and on the hour!

That's right. No blast. No whistle, even. The steam whistle was stolen sometime over the weekend of January 15 and 16 from atop the OSU heating plant roof. Tied to the whistle's standard was a shield-like cardboard on which was printed, "The Ducks Struck."

"Yes, it took some ingenuity to remove the whistle," reported Loren J. Frickey, chief engineer at the heating plant. "It would take several husky fellows to twist it off its threaded collar and then the whistle had to either be thrown to the ground or lowered by rope."

Frickey added with a grin that most OSU officials feel the missing item is here on campus, not in Eugene Duck territory.

Now, getting a replacement is another story. First off, one was secured from a Liberty ship in Portland where it was being scrapped. This whistle weighed out and measured in at \$225, and had a deeper tone than the old one.

Then, before you could whistle the "Alma Mater," up popped another whistle, a 75-

pounder gaily colored in red and white. Was it a gesture by the masked marauder, or the dynamic duo? No one knows.

An anonymous caller told an employee of the Physical Plant that he had a steam whistle to donate to Oregon State. It was later left at the Memorial Union.

Well, now there is a pause in the story. The new whistle was installed and began hourly operation, replacing a ship's whistle bought to replace the other whistle, which is still lost.

Did you lose a whistle? Do you have a friend who lost a whistle?

Would you like to buy a whistle? Do you have a friend who would like to buy a whistle?

Water Re-use Study

A research laboratory that will be the center for a \$100,000 study on water re-use possibilities will be started soon at Oregon State University.

"It is hoped that this facility will become part of a regional center at OSU for the study of water use problems," said Project Director Frederick J. Burgess. He is professor of civil engineering.

Reprocessing of waste water for re-use may be a solution to water shortage problems facing many areas of the country. The \$100,000 grant for the research came from the U. S. Public Health Service.

"Reclamation of industrial and domestic waste water is possible with present knowledge, even though many basic problems remain to be solved," Burgess said.

What is now required is applied engineering research to put existing knowledge to work.

OSU sanitary engineers working on the three-year water study will examine the economic and engineering feasibility of water re-use techniques.

Cyclotron to Expand

When it comes to cyclotrons, nuclear physicists are like car owners. They'd like to trade their old model for a new one.

Or if they can't trade, at least modify, as the Low Energy Physics Group is doing at Oregon State University.

In the first important changes to the university's 8-year-old atom-smasher, the physicists are expanding the facility to allow studies of low energy interactions between sub-atomic particles.

The expansion will involve nearly \$90,000 during this year and 1966 to cover modifications allowing the OSU cyclotron to handle higher energies, up to 30 million electron volts. The higher energies are required for the planned sub-atomic studies.

Modifications to follow, in 1967-68, will expand the associated electronics of the facility. The addition will involve some \$70,000 and will ease the problems involved in particle detection and counting.

Completion of the modifications in 1968 should give OSU a one-half million dollar facility which will be very much more ver-

satile than the original, according to Dr. Larry Schechter, OSU physicist.

Funds for the four-year expansion are to come from the Atomic Energy Commission, \$31,000 this year and a total of \$116,000 during the expansion to follow; state funds will amount to \$43,500, and \$8,000 has been received from an anonymous donor.

'Full-Year' Summer Work

Summer term plans announced recently by Oregon State call for many 8-week classes but 31 of the most frequently-taken full-year sequence courses will be offered on a concentrated 11-week basis.

In addition, 40 special workshops and short courses, ranging in length from one to six weeks, are planned in the various schools, according to Robert L. Phillips, summer term director.

The summer term schedule will permit regular students to push ahead toward their degree goal; will let public school teachers do advanced study and still finish in time to return to their jobs in the early fall; and will provide a wide offering for high school graduates who choose to start college and try their academic wings during the summer.

The "full-year" sequences are completed in the 11-week term by having students spend nearly full-time on one subject.

All of the schools on campus will offer summer courses, with the most extensive offerings in the Schools of Humanities and Social Sciences, Science, and Education.

New Forestry Program

A major barrier confronting the forest industry today is the difficulty of attracting capable young people to the future job opportunities of the industry, according to Tony Van Vliet, associate professor of forest products at Oregon State.

One way to meet this problem is to establish a "work and learn" college scholarship program where students may work during the summer months with the company sponsoring the scholarship.

The modern company today must communicate its future plans as well as its current triumphs. Communications should not only be extended to the elementary, junior high and senior high school student, but also to the type of college student an employer wants to hire.

The "work and learn" plan has been tried successfully by the Willamette Valley Lumber Co. with the main objective of perpetuating good management. Students are required to be enrolled in one of the state universities or colleges and majoring in forest products or wood science, forest engineering, forest management, engineering, or business administration.

During the scholarship program, the company has an opportunity to carefully screen future employees and the student has a chance to look over the company. When a student is permanently hired after graduation, much less time is required to orient

him and to make him an effective part of management, Van Vliet said.

The working scholarship program may be adjusted to small plants where one man is integrated into the company every other year and to the larger plants where new employees are hired every year.

Cost of a scholarship program is small when compared to results, Van Vliet said. Six men in the "future management mill" for one year will cost less than the price of one-half month's glue supply for an average plywood plant. Even if 50 percent of the students are lost along the way, the price is reasonable.

Willamette Valley Lumber Co. found that the maximum cost each year would be just over \$4,000 to carry two students in each of the sophomore, junior and senior classes.

Undersea River Valley

An undersea "river valley" twice as long as the Willamette Valley is presenting a challenge to Oregon State oceanographers investigating its origin and function.

Called the Cascadia Channel, the "valley" stretches 400 miles beneath the Pacific from Vancouver Island to a point off Oregon's Cape Blanco. The channel then turns westward and passes through a range of undersea mountains to end on the Tufts Abyssal Plain, 13,000 feet beneath the ocean's surface.

The Cascadia Channel serves as an avenue for the dispersal of shallow water coastal sediments, and is thought to be a major factor in the creation of plains on the ocean floor.

Oceanographer's don't yet know how the channel originated or what its role is in the formation of undersea features, but Dr. LaVerne D. Kulm is now investigating these problems under a two-year, \$35,000 National Science Foundation grant.

According to Kulm, submarine canyons link the Cascadia Channel and the ocean floor with shallow water areas off Oregon and Washington. Sediments deposited on the continental slope and shelf are transported through these canyons to the Cascadia Channel.

The sediments are then re-deposited many hundreds of miles to sea and have been found at 13,000-foot depths on the Pacific floor.

Study of the characteristics of these sediments may provide clues to the development of the sea floor off Oregon, and to the origin of the Cascadia Channel.

OSU X-Ray Training

It used to be that x-rays were used mostly by doctors and dentists to check out broken bones and troublesome teeth.

Today, x-rays have hundreds of new uses in science, engineering, and medical technology, says Dr. Dale Trout, director of the new x-ray training program at Oregon State University.

X-rays have become an important research

and production tool in science and industry. During World War II, x-rays were used extensively to detect defects in light-weight metals used for combat planes and tanks. Now, its use for quality control in industry is common place.

Developments in electronics following the war revolutionized x-rays and added tremendously to their potential. New x-ray systems that permit picture taking of vital organs have helped to bring modern miracles in heart and brain surgery, for example. X-rays are used extensively also for identification of chemical elements and compounds.

With all the advances, there remains one serious problem in the field of x-rays. That's a shortage of trained workers.

With this in mind, the U. S. Public Health Service has provided funds for Oregon State to set up the first x-ray teaching and training program for scientists and engineers. It is expected to serve as a model for others throughout the nation.

The program is designed to help satisfy the great demand for physicists, engineers, biologists, and other scientists who have a knowledge of x-ray equipment and the possibilities for x-ray application.

A master of science degree program in radiological health was added to the OSU Graduate School offerings three years ago. It is one of only 35 such programs in radiological health in the United States. Seven graduate students are now enrolled in the program which includes courses in Radiation Dosimetry, Radiological Physics and Biophysics.

Courses in X-ray Machines, X-ray Measurements and X-ray Applications (covering medical, dental, industrial and research areas) are open to undergraduates.

Space-Age Engineering

A newly-approved Oregon State program in engineering surveying will provide graduate training in a subject which is rapidly adopting sophisticated techniques provided by the space age.

Students in the new master's degree program will study such space-age innovations as the use of satellites in determining the shape of the earth. A course in space surveying will deal with field astronomy, celestial mechanics and the use and reduction of data from earth satellites.

A graduate course in electronics surveying will deal with the theory and use of complex electronic measuring devices developed since the 1950's and now used frequently in surveying.

Fish for 'Guinea Pigs'

Scientists in Oregon State University's Food Toxicology and Nutrition Laboratory are doing a lot of fishing these days, but it's not because they're running out of things to do.

The reason is that rainbow trout are replacing white mice and guinea pigs as research animals, and now for the first time,

OSU researchers have begun breeding their own stock.

Prof. Russell Sinnhuber, who is in charge of the Food Science and Technology's Seafood Section and the Laboratory, has about 50 female trout for breeding purposes.

Prof. J. H. Wales and Dr. Don J. Lee, with the assistance of biologists Theodore Will and H. J. Hukari, are spawning the mature fish and reducing the chance of disease being introduced from bringing in eggs from the outside.

Trout are ideal for certain types of research because they are highly sensitive to many toxic materials which may be found in food and water.

Sinnhuber said that studies are being conducted on toxic materials which might be accidentally introduced or added to foods during processing or spoilage.

For example, aflatoxin, a chemical produced by a certain type mold, may be found in moldy grains. This substance is toxic and will produce liver cancer in trout. Research on the effects of feeding rancid and heated fats represents another phase of this work, which is supported by the National Institutes of Health.

The trout are fed the suspected foods in a special purified ration prepared by Dr. Lee, and then are carefully watched for ill effects such as signs of toxicity or formation of tumors. One reason the trout is suited for this type of research is that it can undergo surgery with few ill effects. The fish is given an anesthetic, placed on a sloped, V-shaped table with its head under water, and cut open for inspection.

After examination of the liver or other organs, the fish is given a dash of penicillin, sutured, and turned loose with little more than a slight stomach-ache. If pathology is indicated, tissue sections are then taken and prepared by laboratory technician, Mrs. Leonard Hunter, for later diagnosis by Professor Wales.

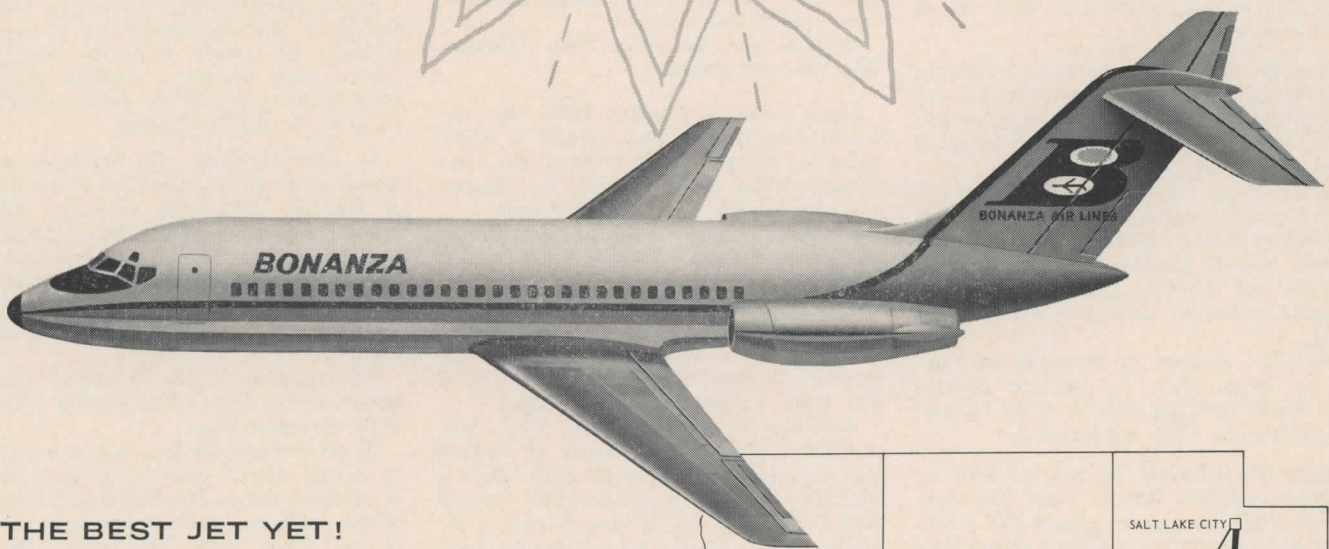
Another trait which helps researchers is the fact that the trout's metabolism can be raised or lowered by changing the temperature of the water. And trout can go without food for long periods of time—weeks or months—in contrast to rats or mice used in experimental work.

In addition, since each female produces from 1,000 to 2,000 eggs, there is a large group of trout with the same genetic makeup. This makes for fewer variables in a research project.

The trout are bred at the laboratory by hand-stripping the eggs from the female. The fingerlings are raised in ordinary well water, which is pumped constantly to the tanks. Sinnhuber said there were some problems at first with the trout suffering from the high nitrogen content of the water, but this was solved by simply adding a home-made aerated nozzle and jetting the water into the tank.

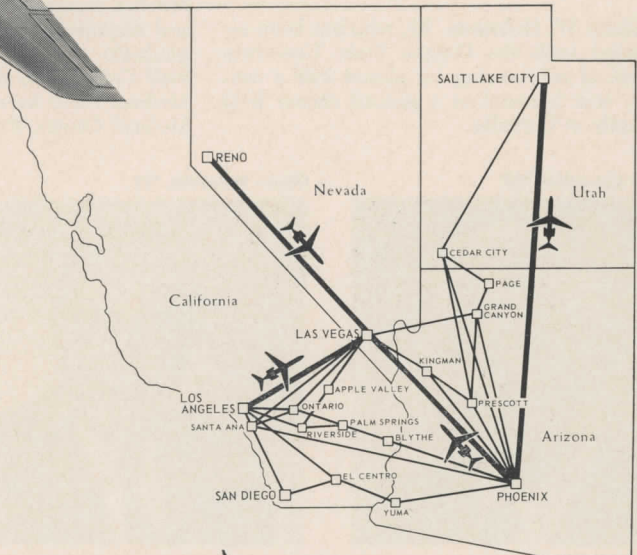
The laboratory has also supplied trout to other departments for research studies on effects of pesticides and other contaminants on game fish.

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Alumni in the news

Grant (Doc) Swan, '22, longtime Oregon State track and field coach, served as Honorary Referee for the Sixth Annual Oregon Indoor Invitational Track meet held Jan. 29 at Portland's Memorial Coliseum.

Swan, who has been a member of the OSU faculty for 40 years, served as Beaver track coach for 17 years, from 1934 to 1951, when he resigned to resume full-time duties in the department of physical education where he still serves as an associate professor.

As a collegiate miler at Oregon State, he was never defeated in collegiate mile competition. He was three times a Pacific Coast conference mile champion, winning in 1919, 1920 and 1922. It was during his senior year that he set a school mile record of 4 minutes 16.4 seconds which stood for 38 years. He set the standard in 1921 and it stood until 1959.

Fred D. Crowther, '27, former president of Western Company of North America and a long-time General Electric Company executive, was named Director of Corporate Planning for The Mead Corporation.

In the newly created post, Crowther will guide Mead's organizational planning and will help coordinate business planning among Mead's several product groups, including printing and business papers, paperboard, shipping containers, packaging and technical papers.

Crowther majored in electrical engineering at Oregon State. In his new position with Mead, his office will be in the Corporation's Dayton, Ohio headquarters.

Glenn W. Holcomb, '31, who has been associated with the Oregon State University school of engineering for almost half a century, was honored at a special dinner held recently in Corvallis.

The "Holcomb Dinner" was in recognition of the OSU professor's 46 years of outstanding contributions to the profession, engineering education, and the Oregon community. Holcomb just retired as chairman of the department of civil engineering. He came to OSU in 1920 from the University of Michigan, and got an M.S. in engineering from Oregon State in 1931.

Holcomb has been chairman of the Intercollegiate Athletic Board and Region VIII vice president, National College Athletic Association. He also served on the Corvallis City Council and has been active in the Corvallis Rotary Club.

Donald P. Eckman, '36, has been promoted from vice president and trust officer to vice president and senior trust officer at The Bank of California's Portland office. Eckman has been with the bank for nearly 30 years, and an officer since 1950.

Widely active in trust banking, Eckman is a member and past president of the Trust Companies Association of Oregon, has served as program committee chairman of the Oregon Bankers Association's trust division, and holds memberships in the Oregon Estate Planning Council and Oregon Life Insurance and Trust Council.

He also is a member of the investment committee of the OSU Alumni Association Board of Directors.

Eckman and his wife, **Doris (Conger, '36)**, have two children.

Major Louis C. Mueller, MSC, '48, who has held every rank from private to major, including warrant officer, received the Army Commendation Medal recently for meritorious service performed at his last post.

At that time, 1962-65, he was Intelligence Officer for the 131st Medical Detachment and later Chief of Plans Branch of the 9th Hospital Center in Germany. He is now with the Long Range Plans & Concepts Section, Plans Branch, Plans Division, Directorate of Plans, Supply and Operations of the Army Surgeon General's Office.

A native of Klamath Falls, Ore., Maj. Mueller received a B.A. degree in business and engineering from Oregon State. He is a graduate of the Command and General Staff College and the Advance Course at the Medical Field Service School, Brooke Army Medical Center, Fort Sam Houston, Tex.

Robert E. Soden, '50, Deputy District Engineer of the Detroit District, U.S. Army Corps of Engineers, was promoted from Major to Lieutenant Colonel in December. He came to Detroit, Mich. from Seoul, South Korea, where he was assigned as a construction advisor to the Director of Installations for the Republic of Korea Army.

Colonel Soden attended grade and high school in Seattle, Wash., and graduated from Oregon State with a B.S. in civil engineering.

During World War II, Colonel Soden served in the Signal Corps in Alaska for two years and in Europe for six months. He spent 13 months with an Engineer Combat Battalion in the Korean War.

Bill Austin, '50, was named new coach of the Pittsburgh Steelers football team, pegged as the "have-nots" of the National Football League for the past 33 years.

The last of some 50 applicants to be interviewed for the post, Austin agreed to a three-year contract.

The owner of the Steelers said a recommendation by Vince Lombardi, coach of the champion Green Bay Packers, was an influential factor in the selection of Austin. Austin had been the Packers' line coach for five seasons before he joined the Los Angeles Rams in 1965.

Austin played college football for Oregon State from 1946-48, starting as a 16-year-old freshman. He moved on to the New York Giants where he was a standout guard in 1949-50 and 1953-57. He spent six years as a line coach with the Packers.

Lt. Gwil O. Evans, '61, has been named winner of the Aerospace Power Study Award at the Air University's Squadron Officer School, Maxwell Air Force Base, Ala. Evans was honored at graduation ceremonies in December for having written the outstanding overall study on aerospace. The study is similar in scope and quality to a master's thesis.

Those participating in the school were selected on the basis of leadership potential in the aerospace force.

Evans received his B.S. degree from OSU in general science and then an M.A. degree in communications from Stanford University. While at Oregon State, he served as editor of the "OSU Daily Barometer." He entered service in 1962.

Fred Crowther, '27



Glenn Holcomb, '31



Don Eckman, '36



Robert Soden, '50



News of classmates

'40

Ron Blundell has joined the organization of Sun-set Packing Company of Oregon as a vice-president and manager of the Salem, Oregon, division. He and his wife (**Elinor Botsford, '42**) are still operating the Blundell Kanning Kitchen, a jam and berry syrup gift box business in Salem.

'41

William H. Huggins was the recipient of the 1966 award given annually by the Institute of Electrical and Electronic Engineers Education Society. He is a Professor of Electrical Engineering at John Hopkins University in Baltimore, Maryland.

Lt. Col. **Theodore M. Velde** resides with his family in Northfield, Minnesota, where he is Professor of Aerospace studies at St. Olaf College. His son, Tryg, graduated from high school in 1965 and was honored as valedictorian and outstanding high school athlete.

'42

Sheldon R. Barry is the owner-manager of Snelling and Snelling Personnel Service in Portland, Oregon. He lives in Lake Oswego with his family and has a daughter who is a freshman at OSU.

Mr. and Mrs. **James A. Peterson (Ginger Carl, '44)** are living in Portland, Oregon where he owns the West Slope Pharmacy, Variety, and Hobby Shop. They are the parents of three daughters.

'43

Recently transferred from Eugene to Medford was **James C. Williams** who is now supervising construction foreman for Pacific Northwest Bell.

Leo E. Chaffin is now living in Salem, Oregon where he is employed as assistant manager of Portland General Electric Company.

Virgil P. Barth was recently appointed to the Senior Research Staff as a senior physicist in the Systems Sciences research area at Stanford Research Institute. He lives in Menlo Park, California.

'48

Gerald R. Cox is living in Burlingame, California, where he is an engineer with a plumbing and heating business.

Mr. and Mrs. **Art Lewis (Joanne Wells, '58)** live in Albany, Oregon, where Art is President of the First Federal Savings and Loan of Willamette Valley. He was recently elected President of the Oregon Savings and Loan League.

'49

Duane M. Downing has been transferred to Walla Walla, Washington, where he will be Chief of the Operations Division for the Walla Walla Army Engineer District. He was formerly in Hermiston, Oregon, as Chief of McNary Operations.

Major **Robert B. Parker** has been graduated at Sheppard AFB, Texas, from the course for U. S.

Air Force missile launch officers. He and his wife (**Betty Restelli, '48**) have moved to Vandenberg AFB, California, where he has been assigned for duty.

'50

Dr. **Stanley N. Wilkes** notified the alumni office that he is now an assistant professor in the Department of Biology, East Carolina College, Greenville, North Carolina. He was at Oregon State University.

Chief chemist in the Quality Control Laboratory of Campbell Soup Company is **Charles H. Messenger**. He lives with his wife and son in Camden, New Jersey.

Charles R. Sheffield lives in Portland, Oregon, where he is Appraiser Supervisor in the Multnomah County Assessors Office.

Mohamed M. Oloufa, Professor in the College of Agriculture at Cairo University in Egypt, writes that he enjoys receiving occasional copies of the Barometer and Oregon Stater from friends in Corvallis.

Dr. **Ralph I. Larsen** has been promoted to Assistant Chief of the 50-man Field Studies Branch of the U. S. Public Health Service, Division of Air Pollution. He and his wife (**Betty Garner, '59**) have four children.

After seven years in the Aero Space Division of Boeing Aircraft, **William N. Pollock** was recently transferred to the Airplane Division "Commercial Service" Department. He lives with his wife and five children at Federal Way, Washington.

Lawrence G. Ervin is living in Seattle, Washington, where he is an engineer at Boeing Aircraft Company.

'51

Mr. and Mrs. **Robert J. Schmid (Eunice Ruth Lang)** have moved to Washington, D. C. where he has been transferred to Lockheed's Polaris Missile Liaison office. They formerly lived in Sunnyvale, California.

Mr. and Mrs. **Richard G. Holcomb (Jo Ford, '52)** are living in St. Francisville, Louisiana where he is office manager of the St. Francisville Paper Company division of Crown Zellerbach.

From Norfolk, Virginia comes the news that U.S. Air Force Major **Harry L. Gronewald** has been graduated from the Armed Forces Staff College. He was selected by USAF headquarters to attend the advanced Department of Defense school.

Major **Benjamin E. Dooley**, USAF, has been transferred to Keesler AFB in Beloxi, Mississippi. He recently received a MS degree in Clinical Dentistry from Marquette University School of Dentistry.

Allen M. Urben is a pharmacist living in Salem, Oregon. He is married and has two sons.

'52

LeRoy McCloskey and his wife **Ida (Fox), '53**, are now living at Avenal, Calif. after putting in eight years in Venezuela, Alaska and Colombia. He is with the Standard Oil Company of California.

Mr. and Mrs. **Russell A. Wilmot (Kathie M. Hartley, '54)** are living in Redlands, California where he is at TRW Systems (formerly Space Technology Laboratories). In November, 1965, he joined a six-man team in the Advanced Strategic Weapons System office.

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Mr. and Mrs. **Ralph L. Cheek (Janet M. Lekas)** and their three children have moved to Tokyo, Japan, where he has been transferred by Kaiser Aluminum and Chemical Corporation.

Ralph V. Bain lives with his family in Redlands, California. He is with the Aerospace Corporation in San Bernardino.

Mrs. Kenneth Murphy (**Dorothy Caspar**) has moved to Lake Oswego, Oregon from Portsmouth, Virginia. Her husband, a Lt. Cdr. in the USCGR is now stationed in Portland as the Executive Officer.

'53

After his retirement from the Port of Portland last year, **Alfred Biles** moved to Davis, California to be near his daughter and her family.

Irvin W. Hunting is employed by Ampex Corporation in Redwood City, California where he was recently promoted to Manager of Pricing and Profitability Analysis. He and his wife (**Loeta A. Moore**) live in Oakland.

Richard F. Burdon has moved to American Falls, Idaho after spending two years in the Congo, Africa, in the Congo Polytechnic Institute program of agricultural development. He and his wife enjoyed a tour of Europe before returning to the United States.

Employed as a bridge design engineer for the Western District Bureau of Public Roads in San Francisco, California is **Clarence N. Daniels**.

'54

Capt. **Edward H. Johnson** is stationed in Fort Worth, Texas. He is working in the Production Division of the Air Force Plant Representative Office at General Dynamics.

'55

Mrs. Kenneth Sikes (**Sally Ann McCoy**) is living in Japan with her husband and three daughters. Her husband is in his first year of a three-year tour of duty with the U. S. Navy.

Terry Robinson is the Director of Robinson's English School in Caracas, Venezuela. He also is partner in a small factory which manufactures quilts, mattresses, and pillows for the local market.

Loren E. Piper is a stockbroker with Sutro & Company in Berkeley, California. He and his wife have two sons.

Sales Manager of Oregon for the American Book Company (textbooks) is **Maurice (Bud) Deler**. He is married and has four children.

Dr. **Wallace C. Hodge** has a dental practice in Portland, Oregon, where he lives with his wife and three children.

Working as an engineer for Beaver State Contractors is **James R. Erickson**, who lives in Eugene, Oregon.

'56

Mrs. **Bruce W. Klunder (Joanne Lehman)** is now working with Inner-City Parrish in Cleveland, Ohio. Her brother **Mel Lehman, '57**, is district agent for The Prudential Life Insurance Co. in Milwaukee, Oregon.

Stan Huber graduated from the University of Oregon Medical School in June, 1965, and is currently doing his internship at San Bernardino County Hospital in San Bernardino, California.

He and his wife (**Terry Fugitt, '58**) will be leaving there in June, 1966, when he enters the Air Force for two years.

Dr. and Mrs. **David W. Narver (Barbara Horne, '57)** have moved to Nanaimo, B. C. where he has taken a position with the Fisheries Research Board of Canada and will be engaged in salmon research. He received his Ph.D. degree in Fisheries from the University of Washington in January.

The **Arlen Borgen** family (**Pat Marquis, '61**) is now living in Salem, Oregon where Arlen is an instructor of engineering at Salem Technical Vocational Community College.

Capt. **Donald A. Rigg**, USAF, has entered the Air University's Squadron Officer School at Maxwell AFB, Alabama. He was previously assigned as an instructor pilot at Randolph AFB, Texas.

'57

Now teaching the second grade in San Bruno, California, is **Sharon Zirbel**. She spent last summer in Hawaii.

Eugene B. Veek will soon be reporting for duty at Pearl Harbor, Hawaii, after completing two years as Intelligence Analyst at the Defense Intelligence Agency in Washington, D. C. He and his wife (**Marygrace Harger, '58**) have four daughters.

Stanley Pereira has been temporarily assigned to the Pan American Petroleum Corporation branch in Tulsa, Oklahoma. After six or eight months, he will return to Houston, Texas where he is permanently assigned to the Texas Gulf Coast Division.

William R. Johnston has resigned his position with the University of California and joined Westlands Water District as their Drainage Specialist. He and his family live in Fresno, California.

Mr. and Mrs. **Richard Hilsenkopf (Karolyn Willie)** have moved to San Mateo, California, where Dick is working for the Ammonia Division of Shell Chemical Company.

A plant supervisor for Standard Oil Company is **Norm D. Allworth**. He and his wife have two boys.

Richard H. Crain was married on November 27, 1965 to the former Jerri V. Karres from Rock Hill, South Carolina. They are living in Marina Del Rey, California where he is a sales engineer with the Memorex Corporation.

Married in San Francisco last August were **Dwight Sorenson** and the former Fay Doyle. They are now living in Palo Alto, California.

'58

John Fullerton writes that he is a federal employee with the Social Security office in Portland, Oregon.

Mr. and Mrs. **John R. (Dick) Velthoen (Linda Serrurier, '61)** are living in Thousand Oaks, California, where Dick is an Administrative Assistant for the City Planner. He is also attending USC working on a Master's degree in Public Administration.

For the past seven years **Sherman Rutherford** has been working for Varian Associates, an electronics company, in Palo Alto, California. In the spring of 1966 he will be traveling to Europe where he will assume the responsibilities of General Manager of a Varian manufacturing plant in Torino, Italy.

Mr. and Mrs. **Orville L. Rasmussen (Charlotte Woods, '57)** are now living in Corvallis, Oregon. He is working for Cornell, Howland, Hayes, & Merryfield in the Architectural Engineering Department.

Gerald F. McGowan was married on June 19, 1965 to the former Carol Ann King of Waco, Texas. They are living in Littleton, Colorado, where he is employed by the Martin Company, engaged in the development of flight control systems.

Don E. May is the Managing Pharmacist of two professional pharmacies in the Medical Arts Building in Tacoma, Washington. He lives in Gig Harbor, Washington with his wife and three children.

Lt. **Richard A. Frederick**, USN, is now in Jacksonville, Florida, where he has been assigned to the Fleet Air Wing Eleven as Staff Intelligence Officer. He recently completed the six-month course in Air Intelligence at Lowry AFB in Denver, Colorado.

Dr. and Mrs. **Craig H. Davis (Carolyn Garrard, '58)** are living in South Pasadena, California where he is engaged in research at the California Institute of Technology. He received his Ph.D. from the University of Washington in June, 1965.

After completing his doctorate in economics at the University of Paris (Sorbonne) in the fall of 1965, **Charles W. Dunn** became associated with McKinsey & Company, management consultants, in New York City.

Capt. and Mrs. **John Terpstra (Janet Meyers, '60)** are stationed in Stillwater, Oklahoma, with the U.S. Army Engineers. He has been working on his master's degree in engineering at Oklahoma State University while there.

Capt. **Carl E. Mohr** is serving a tour of duty with the U. S. Army in Alaska. He and his wife, **Jody Campbell, '59**, have two children.

Senior salesman for Carmichael Oldsmobile in Beaverton, Oregon, is **Glen R. Lee**. He recently returned from an 11-day cruise on the S. S. Lurline to Hawaii where he served as assistant photographer aboard ship.

Capt. and Mrs. **Dave Barnhart (Nancy McFarland, '59)** and son are living in Hatboro, Pennsylvania. Dave is teaching U. S. Army ROTC at La Salle College in Philadelphia.

'59

Ralph Williams lives in Fontana, California, where he was recently appointed District Television Teacher by the Fontana Unified School District.

Gilbert D. Walsh resides with his family in Sweet Home Oregon. He is Purchasing Agent for Paul Hardeman, Inc., the company that is building the Green Peter Dam.

Living in Modesto, California is **Edwin J. Vargas**. On November 1, 1965, he and his wife became parents of their fifth child, a baby girl named Michelle Anne.

Warren G. Randle is employed by Univac Division of the Sperry Rand Corporation. He is presently working on a computer system contract for the U. S. Navy in Norfolk, Virginia.

Serving as a medical officer in the U. S. Navy attached to the 2nd Marine Division at Camp Lejeune in North Carolina is Dr. **George H. Rice**.

Dr. and Mrs. **Frank Lang (Suzanne DeArmond, '60)** are living in Walla Walla, Washington, where

Frank is Assistant Professor of Botany at Whitman College. He recently received his Ph.D. from the University of British Columbia.

Raymond Kaser received his Ph.D. from the University of Arizona in May, 1965, and is presently an Assistant Professor in the Aerospace and Mechanical Engineering Department at Oklahoma University.

Mr. and Mrs. **Charles "Ted" Hinds (Ellen Strand)** announce the birth of their second child, a daughter, born last June. Ted has recently become the principal of the Alleghany Elementary School in the Coos Bay, Oregon, school district.

Roy R. Cotton, is living in Seattle, Washington, where he has been transferred to the Turbine Division of Boeing Aircraft Company.

Living in Warren, Pennsylvania, is **Jerry G. Austin**, who is head of the Budget & Finance Section for Alleghany National Forest, United States Forest Service.

Dr. **Lawrence D. Durst** was recently wed in Roseburg, Oregon, to the former Maxine Ellen Johnson, a graduate of Linfield College.

A Christmas round-robin letter sent to 1959 members of the Mortar Board revealed this news—Mrs. Raymond Colahan (**Sharon Ansley**) is living in Springfield, Oregon, where her husband teaches at Thurston High School—Mrs. James Handorf (**Nancie Owens**) has enjoyed many short trips throughout Europe while her husband has been teaching at Kaiserlautern American High School in Germany—Mrs. Michael Healy (**Mary Zeran**) lives in Kirkland, Washington with her husband and two children—Mrs. John Carskadon (**Mary O'Connor**) of Corvallis, Oregon, recently welcomed her second child, a son—Living in Oakland, California is Mrs. Stanley Kilstrom (**Rita Young**)—Mrs. Verne Church (**Marilyn Ogden**) and her family have been busy getting settled in a new home in Portland, Oregon—Mrs. Howard Coker (**Marjory George**) of Vermillion, South Dakota, is completing work for her Master's degree—Mrs. William Richard Hopkins, Jr. (**Marilyn Kurtz**) and her husband have recently built a new home in Dublin, California—**Karen Polenske** is completing work for a Ph.D. in Cambridge, Massachusetts, and recently co-authored an article that appeared in **The Review of Economics and Statistics**—Teaching the third grade in Conger School in Klamath Falls, Oregon, is **Karen Porter**—Mrs. Stanley Dodd (**Mary Alice Kessi**) and her husband of Albany, Oregon recently announced the birth of their second child, a son—Mrs. Arthur Biggs (**Pat Nyman**) has moved to Federal Way, Washington, where her husband has taken a job as house counsel for an insurance company.

'60

Larry C. Walker recently completed Flight Engineer training with United Air Lines and has been assigned to O'Hare Airport in Chicago. He and his wife (**Judy Martin**, '61) live in Lake Zurich, Illinois.

Mrs. Joseph Vaitkunas (**Vicki Van Vliet**) is living in Edmonton, Alberta, Canada. Her husband graduated in architecture recently from the University of Manitoba, and Vicki is working part-time for the Edmonton Recreation Department as a playschool teacher.

Mrs. Ed Vail (**Doreen Westin**) is living in Cor-

ona del Mar, California, where she is teaching at Orange Coast College and her husband has a law practice.

Stationed at Vance AFB in Enid, Oklahoma is Capt. **Norman P. Parkhurst**. He recently completed Squadron Officer's School in Montgomery, Alabama.

Capt. **Lloyd F. Silva** and his family are living in Wiesbaden, Germany, where he is assigned to HQ. USAF. He works primarily in munitions throughout the European area.

Capt. **Walter T. Tomihiro**, presently assigned to the First Infantry Division G2 in Viet Nam, recently renewed acquaintance with Lt. Col. Williford, who was an ROTC Instructor at OSU from 1959-61.

After living in New Jersey for two years, **Sally Ostrander** is now living in Portland, Oregon, where she is a secretary for the Bonneville Power Administration.

Mr. and Mrs. **Paul Menke (Barbara Ronald, '61)** have moved from Dover, Delaware to Olympia, Washington, where Paul is a C-124 Aircraft Commander at McChord AFB.

William G. Lindquist and his family recently moved to Portland, Oregon, where he has founded the building contracting firm of Lindquist Construction.

Clifford G. LaMear lives with his wife and two daughters on the island of Guam. He is a civilian employee of the U. S. Navy.

Jack H. Hutton was recently married to the former Marilyn Springer. They live in Bandon, Oregon, where he teaches at Langlois Elementary School.

Living in Eugene, Oregon are Mr. and Mrs. **Stuart L. Cato (Judy Clark, '62)**. Stuart is an engineer with Pacific Northwest Bell Telephone Company.

Mr. and Mrs. **Van G. Decker (Annabelle Edwards)** live in Prineville, Oregon, where he is in the executive training program with the First National Bank of Oregon. They will soon be traveling to Ft. Lee, Virginia, when Van begins two years of active duty with the U. S. Army.

Teaching physical education at Santa Clara High School in Santa Clara, California is **Dolores I. Price**.

'61

Mr. and Mrs. **C. Tom Walters (Meredith Thompson)** and son, Russell, reside in Canoga Park, California. Tom is a pharmacist in Walters' Woodland Hills Pharmacy.

Donald P. Smith became a registered Professional Civil Engineer in 1965 as well as the father of a 10 lb. 2 oz. son.

Mr. and Mrs. **James Kenyon (Linda Streamer)** and son, Todd, are living in Modesto, California, where Jim is teaching high school English.

A sales engineer for the Davis Material Handling Company is **Bruce G. Davis**, who lives in San Gabriel, California.

Dr. **William R. Lee**, with his wife (**Janice Poland**) and three children, is serving his two-year military obligation with the U. S. Public Health Service on the Fort Belknap Indian Reservation near Harlem, Montana.

Now permanently settled in The Dalles, Oregon, are Mr. and Mrs. **Jerry Davis (Peggy Healy, '62)**.

The former **Mary Ann Nordstrom** was married to Paul Patrick Manning of Morganfield, Ken-

tucky on June 19, 1965. They are living in Rowland Heights, California where he works for Day & Night Manufacturing Company.

John R. Joelson is living in Eugene, Oregon, where he is enrolled in the Graduate School at the University of Oregon.

Jim Fleming is working as a mechanical design engineer on nuclear radiation measuring instruments for the Hewlett-Packard Company in Palo Alto, California.

Stuart Fors lives in Salem, Oregon, where he is teaching at McNary High School.

Dr. **John Whitelaw** is interning at Letterman General Hospital at the Presidio in San Francisco, California while with the U. S. Army. His wife (**Carol Keema**) is teaching high school.

After three years in Germany, 1st Lt. **Leo Holland** is now stationed at Ft. Belvoir, Virginia.

Allan D. Polvi is working for the United States Forest Service in Helena, Montana.

Robert G. Bailey is living in McMinnville, Oregon, where he is a C.P.A. with the firm of Peat, Marwick, Mitchell, & Company.

William R. Gordon lives with his wife and child in Portland, Oregon. He is working for the Bonneville Power Company.

Jim Grinnell is temporarily living in LaFayette, Indiana, while attending Purdue University. He plans to receive his M.S. in Industrial Administration in August of 1966.

'62

Mrs. C. D. Ott (**Sylvia J. Wilcox**) lives in Honolulu, Hawaii, where she is an assistant to the Director of Personnel at Kaiser Hospital.

First Lieutenant **Clayton N. Smith**, USAF, has entered the Air University's Squadron Officer School at Maxwell AFB, Alabama, for 14 weeks of instruction.

Assistant County Supervisor for the U.S.D.A. Farmers Home Administration in Roseburg, Oregon, is **Harvey Rose**.

David W. Robare is in Seattle, Washington, working on his Ph.D. in Chemical Oceanography and teaching at the University of Washington. His wife, **Judy Brandt**, teaches physical education at Lincoln High School in Seattle.

First Lieutenant **Myron Nordquist** has been serving with the Third Marine Division in South Viet Nam since early in 1965. His wife, **Barbara Altpeter**, is an Assistant Professor of Home Economics at San Diego State College in California.

Dr. and Mrs. **Terry Lowry (Sharon Ransom)** are living in San Bernardino, California, where Terry is interning at San Bernardino County Charity Hospital. He graduated from the University of Oregon Medical School in June, 1965.

Cheering for the Beavers when the football team played in Syracuse, New York, in November were Mr. and Mrs. **Lynn S. Hill (Sue Peterson, '63)**. They are living there while Lynn is taking General Electric's Manufacturing Training Program.

C. Ann Donaldson is attending the Columbia University School of Social Work in New York. She will soon be working at the Brooklyn State Hospital, New York State Department of Mental Hygiene.

Capt. **William R. Myers** is serving as an advisor for the Vietnamese Ranger Battalion.

Joseph J. Holmberg is a Recreation Resource Specialist in the Project Development Division of

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the Bureau of Reclamation in Sacramento, California.

Lt. and Mrs. **Michael E. Mulligan (Judith Womack, '64)** are living in Amarillo, Texas, where he is stationed with the U. S. Air Force.

While **Richard A. Good** is serving with the U. S. Army in Viet Nam, his wife (**Linda Carlson**) and daughter are living in Los Gatos, California.

Mrs. Boyd R. Myers (**Susanne M. Sasaki**) is employed by Pacific Northwest Bell Telephone in Portland and resides in Sherwood, Oregon.

Lt. **Maurice Banning** has been awarded the Air Medal, the nation's ninth-highest decoration, while serving as a Marine helicopter pilot in Viet Nam.

'63

Mrs. J. A. MacDonald (**Linda F. Davis**) is living in Austin, Texas, where she is a research assistant at the University of Texas.

Lt. **David Wiley**, with his wife (**Linda McClure**), and daughter, Sara, is now stationed at Fort Richardson, Alaska. He is assigned to Headquarters Company, 172nd Infantry Brigade (M), serving as Administrative Officer of the military dispensary.

Francis Maina sends greetings to all his OSU friends from Washington, D. C., where he has been attending the seminar at the Economic Development Institute of the World Bank.

Naval Lt. Jg. **James M. Lasher** and his wife (**Elsie A. Miller**) have moved to San Diego, California, where Jim is attached to the Communications Staff of the Command Naval Air Forces Pacific.

Coast Guard Lt. Jg. **Frank C. Hametner** participated in the rescue of 469 survivors of the SS Yarmouth Castle while serving at the Coast Guard Air Station in Miami, Florida.

Mr. and Mrs. **John L. Davis (Phoebe Clemons)** are living in Tiller, Oregon, where he is with the U. S. Forest Service.

Living in Edmonton, Alberta, Canada is **Clark A. Reed**, where he teaches business at the North Alberta Institute of Technology.

Mr. and Mrs. **Larry Hirons (Sharon Lay)** live in Portland, Oregon, where Larry is a fourth-year medical student at the University of Oregon Medical School. They spent last summer touring Europe.

First Lieutenant **William B. Barnett** got his wings at Fort Rucker, Alabama, in June of 1965 and is now an instructor at the flight school there.

Mrs. W. H. H. Cranmer (**Carol G. Panzer**) lives in London, England. She has been traveling and studying art in Europe while her husband is doing research and writing.

Mr. Rowan Haven (**Jean M. Suttle**) is living in Fairbanks, Alaska, where she is a teacher.

Living in Washington, D. C. is Mrs. John Cullcott (**Barbara Wallace**) where she is editorial advisor for Vocational Industrial Clubs of America, a new national youth group for students in trade and industrial education. She was formerly assistant editor of the **American Vocational Journal**.

Stationed at the U. S. Marine Corps Base in San Diego, California, is 1st Lt. **Steve Flynn**. He is in charge of the Special Training Branch, which is aimed at "saving men with marginal disorders" that crop up during training.

'64

George Suter recently completed pilot training in Arizona and now stationed at Vance AFB in Oklahoma as an instructor pilot.

Living now in New York City is **Frederick F. Scheidt**. He is stationed at the U. S. Army Main Recruiting Station as a Personnel Psychologist in AFES (Armed Forces Entrance and Examining Station), Department of Mental Testing.

David W. Schaad has returned to the United States after spending nine months in Formosa, China. He was with the International Farm Youth Exchange representing the Oregon Extension Service 4-H Club Program.

Mrs. Marvin Rueck (**Mary Lou Jameson**) lives in Dallas, Oregon, where she teaches second grade and her husband teaches physical education in the junior high school.

Mr. and Mrs. **Bert E. Loughmiller (Kaye Bailey)** were married January 2, 1965. Bert is working toward his MBA at the University of Oregon, and Kaye teaches the fourth grade in Junction City, Oregon.

Jim Leonard was awarded a Ford Motor Company Advanced Education Fellowship and is now attending the University of Michigan at Ann Arbor, Michigan. He is working for a Master of Science degree in Mechanical Engineering.

Living in San Jose, Costa Rica, are Dr. and Mrs. **Arne Landsberg (Johanna Dobrot, '62)** who are working for the Peace Corps. Arne is helping design the new Chemical Engineering Department at the University of Costa Rica, and Johanna is teaching in the Organic Section of the Chemistry Department.

Joan Hartley has moved to Elk Grove Village, Illinois. She is an instructor at the United Air Lines Stewardess Training Center in Chicago.

Mr. and Mrs. **Dale H. Grimes (Mary Ann Hamnett, '65)** are living in West Lafayette, Indiana, while Dale attends Purdue University as part of his training with Bell Telephone Laboratories.

Paul E. Day is in New Delhi, India, where he will be working for the Peace Corps on a poultry project for the next two years.

Mr. and Mrs. **Jack Bull (Joan Gibson, '63)** are living in Dallas, Oregon. Jack is a pharmacist at Four Corners Pharmacy in Salem, and Joan teaches homemaking at Dallas Junior High School.

W. Martin Bailey lives in Roseburg, Oregon, with his wife and four children. He recently assumed the duties of Credit Manager of Montgomery Ward & Co. there.

Dr. **Jerome S. Blank**, a research chemist, has joined the Research Center staff at the Pittsburgh Plate Glass Company's Chemical Division plant at Corpus Christi, Texas.

'65

Carol Lewis is now at Michigan State University in East Lansing, Michigan, on a teaching fellowship. She is teaching French and working on her Master's in comparative literature.

Married in December were Mr. and Mrs. Hugh Harding Webb (**Robie Carol Barnett**). The couple is living in Corvallis, Oregon, where both are attending Oregon State University.

Now living in San Leandro, California, are Mr. and Mrs. **James Willis (Dorothy Hudlow)** where Jim has joined the State of California Highway Department. He is working on the Bay Area

Rapid Transit Study as a Statistical Methods Analyst I.

Gary R. Polvi lives in Dayton, Oregon, and works for the Oregon State Highway Department in the bridge department.

Second Lt. **George E. Ising, Jr.** recently completed an ordnance officer basic course at the Army Ordnance Center and School at the Aberdeen Proving Ground in Maryland.

Teaching English and Speech in the high school at Mount Vernon, Washington is **Donna C. Fowler**.

Mary Poucher is Society and Women's Page Editor of the Corvallis Gazette Times in Corvallis, Oregon.

Living in Corvallis, Oregon since their recent marriage are Mr. and Mrs. **Thomson Shepherd Martin (Constance Gay Kolberg)**. They are both working for their master's degree at Oregon State.

Dan W. Easley is living in Springfield, Missouri where he teaches at Missouri State College.

Jonathan Paul Dey is serving with the Peace Corps in Nigeria, Africa. He is teaching science at the James Welch Grammar School.

Kenneth Robert Anderson, Jr. lives at Coos Bay, Oregon, where he is Personnel Assistant of the Weyerhaeuser Company branch office.

Emily Ruth Dusenberry is living in Mountain View, California, and teaches the third grade at Sunnysvale, California.

A pharmacist at Pay Less Drug Store in Pendleton, Oregon, is **Charles Francis Beickel**.

Living in Petersburg, Alaska, is **Wayne Elwyn Taylor**, a teacher in the Petersburg school system.

Patricia Ann Farr is teaching the third grade in Vancouver, Washington.

Wayne H. Andreen is living in West Lafayette, Indiana, while studying for a master's degree at Purdue University.

Working in Portland, Oregon, for the Department of Health is **Russell W. Swanson**.

Kay Arline Geiger is a kindergarten teacher in Fairfield, California.

William Howard Sisson is attending the University of Michigan at Ann Arbor, Michigan, under the sponsorship of Bell Telephone Laboratories. He is working toward a Master's Degree in electrical engineering.

Ens. **Jerome A. Peschka, Jr.** is serving aboard the USS McCaffery (DD860) while in the U. S. Navy.

Miss Patricia Batchelder was recently awarded the first place in her sorority's 12th annual Leadership Award contest. The award was presented her because of outstanding leadership qualities put forth at OSU.

2d Lt. **Claude F. Hough** has entered U. S. Air Force pilot training at Webb AFB, Texas.

Mr. and Mrs. **Kenneth M. Humbert** completed ten weeks of training at the University of Hawaii as Peace Corps Volunteers, and are now on a two year assignment in Malaysia.

Franklin Lynn Eves is an underwriter trainee with SAFECO Insurance Co., Seattle, Washington, and will be transferred to Portland, Oregon January 1, 1966. His wife is the former **Jean Speckman, '66**.

Lance W. Pape was commissioned an Ensign September 7, 1965, in the Environmental Science Services Administration, U. S. Department of Commerce. He is now serving aboard the ship Pioneer, based at Oakland, California.

Deaths

Ernest Hinrichs, '04, died at his home in Hood River, Oregon on December 20, 1965. He was a lifetime resident of the Hood River area and was a retired mining engineer. Mr. Hinrichs was a member of the Masonic Lodge, Shriners, and Scottish Rite. Survivors include a daughter, brother, and three sisters.

John Waldo Finn, '08, passed away December 27, 1965, at a hospital in McMinnville, Oregon. He was a farmer in the McCoy area where he lived most of his life. During World War I he served as a Captain in the U. S. Army. Mr. Finn was a life member of Elks Lodge in Salem, a 45-year member of the American Legion, a member of the Old 3rd Oregon Veterans Association, and a member of Kappa Sigma. Surviving him are his widow, Pearl, two sons, five daughters, fourteen grandchildren and ten great-grandchildren.

Ford Alger Hand, '12, died of a heart attack November 19, 1965. He was a graduate of the School of Pharmacy and had been identified with that profession all his life. Mr. Hand had been associated with several drug stores in the Eugene, Oregon area. Survivors include his widow, Opal.

Lloyd Harry Magill, '12, passed away in a Bend, Oregon hospital on December 16, 1965. Mr. Magill was a pioneer mid-Oregon pharmacist and a resident of Bend for more than 50 years. In 1962 he was honored by pharmacists of Oregon, friends and neighbors at a recognition dinner. He was also among those honored at the golden jubilee reunion of OSC pharmacists in Corvallis that same year. An ardent sportsman, Mr. Magill was long associated with the Bend Trap Club. Survivors include a daughter and granddaughter in addition to his widow. A son preceded him in death.

Ernest Herman Lafky, '15, died of a heart attack in a Stayton, Oregon hospital October 17, 1965. He had operated a large bean ranch at Stayton for many years. While at Oregon State, Mr. Lafky was a distance runner for the track team. Surviving him are his widow, Elsie, a son, daughter and four grandchildren.

Helen Best Anderson, '15, died on November 29, 1965, at her home in La Jolla, California, after a long illness. She was a pioneer in the profession of dietetics and helped to establish both the standards and ethics of this profession. Miss Anderson was an early member of the American Dietetic Association, and was a founder and past president of both the California Dietetic Association and its San Diego Section. She was chief dietician at the Scripps Metabolic Clinic in La Jolla for 23 years until her retirement.

Theodore Alfred Ellestad, '15, for many years a teacher and Superintendent of Schools in Coalinga, California, passed away on January 17, 1966. Mr. Ellestad was a former director and vice president of the Coalinga Chamber of Commerce, member of the Coalinga American Legion and of the Veterans of World War I, and was an elder of the First Presbyterian Church of Coalinga for 40 years. He served in the Army Air Force during World War I. Surviving him are his wife, Marie, a daughter, two sons, and six grandchildren.

George Edwin Dunn, '17, for many years a farmer in Ashland, Oregon, died September 18, 1965. No other information was available.

David Marshall, '17, died June 26, 1964 in Los Angeles, California, according to word received from his daughter-in-law, Mrs. Lea Marshall.

James M. Luebke, '19, passed away in Mountain View, California on January 5, 1966. He and all four of his brothers were graduates of Oregon State. Mr. Luebke taught high school in Portland, Oregon, and also served as principal of the high school in Bonanza, Oregon early in his career. He later operated stores both in Centralia, Washington, and Forest Grove, Oregon, until his retirement. Surviving him are his wife, Elsie, a son, **Robert Luebke, '53**, a daughter, **Mrs. John Pavkovich, '55**, and three brothers.

Bruce Chesley Bean, '22, died in Seattle, Washington October 8, 1965. For many years he was President of the Bruce C. Bean Association of Insurance Brokers. Mr. Bean was the former National Grand President of Phi Sigma Kappa.

George W. Croisan, '22, who had his own insurance agency in Salem, Oregon for 40 years, died November 27, 1965 at his home there. He had been a lifetime resident of Salem. Mr. Croisan was a member of Kappa Sigma fraternity. Survivors include his wife, **Esther (Busch) '22**, a son, and a daughter, **Mariann Croisan Allen, '50**.

Edward Carlyle Eikelman, '25, passed away October 23, 1965, in San Jose, California. He served as a deputy sheriff for many years in San Bernardino, California, and was a member of Phi Gamma Delta fraternity.

Earl B. Hout, '26, died at the family home in Corvallis, Oregon January 16, 1966 following an illness of several months. He had been a lifetime resident of Corvallis, and for the past ten years had been the Corvallis area representative for the Oregon State Motor Association. Surviving him are his wife, **Lucile (Foster), '25**, his mother, a daughter, and two grandchildren.

Carl L. Walker, '29, a mechanical engineer, died February 2, 1966 at his home in Portland, Oregon. A native of Coburg, Mr. Walker was employed by the E. V. Prentiss Company. He belonged to the Oregon Chapter of ASHRAE and the Tau Kappa Epsilon fraternity. Among his survivors are his widow, Mary, a daughter and two grandchildren.

Harold Robert Maltby, '31, was fatally injured in a fall when a rotted plank broke with him while he was crossing an abandoned bridge January 10, 1966. He had been a resident of Alsea, Oregon most of his life, and was a dairy farmer there at the time of his death. Mr. Maltby was a member of the Alsea IOOF lodge. Survivors include his wife, Irene, brothers, Lyle Maltby and **Wilbur Maltby, '47**, a sister, and one grandchild.

Robert Boyd Miller, '35, passed away January 10, 1966 in Santa Monica, California. In September, 1965, Mr. Miller retired from his position as soil conservation engineer with the Navy's Pacific Division, Bureau of Yards and Docks, in Honolulu, Hawaii. He had worked for 30 years for the federal government. Immediate survivors include his wife, Anne, a daughter, Mrs. R. H. Betts of Malibu, California, and a son, Graydon, at the University of Washington in Seattle.

John Gordon Hood, '35, died suddenly from a heart attack January 21, 1966, while addressing members of the Agricultural Stabilization of Con-

servation Service in Eugene, Oregon. He was assistant director of the OSU Extension Service and made his home in Corvallis, Oregon. He came to the Corvallis campus in 1951 to serve as a member of the extension supervisory staff and was appointed assistant director in 1962. Mr. Hood was a member of the Harbor Lodge AF & AM in Astoria, Corvallis Elks, Olney Grange in Clatsop County, and several agricultural honorary fraternities. He is survived by his widow, Brenda, two brothers, and a sister.

George Edward Whitman, '38, passed away August 2, 1965. He was a druggist in Malin, Oregon. No other information was available.

John D. Graham, '41, died in a Salem, Oregon hospital following a short illness on January 21, 1966. Born in Kings Valley, he later lived in Corvallis until he moved to Salem in 1942. Mr. Graham was a member of the Elks Lodge of Corvallis. His survivors include his wife, **Grace (Burch) '40**, a daughter, and a son.

Donna Jean Ackley Wilson, '46, died in a hospital in Medford, Oregon, January 20, 1966. She was a member of Alpha Chi Omega, chapter CP of P.E.O., the Junior Service League and the Parent-Teachers Association. Mrs. Wilson was also president of the Rogue Valley Alumni Club and a charter member of Westminster Presbyterian Church in Medford. Besides the widower, H. Dewey Wilson, she is survived by three children and her parents.

Leonard King Lauderback, '46, president of the Scenic Fruit Company in Gresham, Oregon, died January 12, 1966. He had been a member of Multnomah Grange No. 71 and of Pleasant Home Methodist Church. Survivors include his wife, Audrey, three children, and his parents all of Gresham.

Commander Carl B. Austin, '48, U. S. Naval Air Force, was killed December 2, 1965 in Viet Nam. He was commanding officer of Fighter Squadron 114, flying off the Kitty Hawk, when his plane was shot down. Among his survivors are his widow, **Peggy (Raines) '48**, and a brother, **William L. Austin, '50**.

Paul Truman McClellan, Jr., '53, has been reported killed in action in Viet Nam. He was a pilot in the U. S. Air Force stationed at Bien Hoa Air Base in Saigon. He was formerly from West Stayton, Oregon.

Jack R. Hipperson, '58, died in a Portland, Oregon hospital on December 27, 1965. For the past seven years he had been employed by Linfield Research Institute and Field Emission Corporation in McMinnville, Oregon, as a project engineer in research and development. He was a member of the Institute of Electrical Engineers and of the First Baptist Church in McMinnville. Survivors include his wife, Nina, his parents, a brother, **Donald Hipperson, '60**, and grandparents.

Lt. Robert Warren Grahl, '59, U. S. Navy, and his wife were both killed in an automobile accident on December 31, 1965. No other information was available.

Lt. Jg. John E. Furrow, '64, U. S. Naval Air Force, was killed January 7, 1966 when his T2A Buckeye jet trainer crashed shortly after taking off from McCain Field at the Meridian, Mississippi Naval Auxiliary Air Station. Surviving him is his wife, **Betsy (Barnum), '66**.



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1st OSU Alumni Seminar: "Frontiers of Knowledge"

Registration and Dinner
Sunday, June 26, 4:00-6:00 p.m.

Monday
June 27

Tuesday
June 28

Wednesday
June 29

Thursday
June 30

7:00- 8:00 Breakfast

Breakfast

Breakfast

Breakfast

Frontiers of Science

Dr. Donald G. Humphrey

8:30-10:00

Science as
Foresight

The Biological
Future of Man

The Scientific use of
Resources for the
Future

Bus to Newport

Frontiers of Literature

Dr. James W. Groshong

10:30-12:00

The Idea of the
Novel

A *Forewell to Arms*:
Story of a marriage

*The Power and the
Glory*: The whiskey
priest

What About the
Marine Sciences?

12:30- 1:30

Lunch

Lunch

Lunch

Lunch in Marine
Science Center

Frontiers of Social Science

Dr. Charles B. Friday

1:45- 3:15

Liberalism and
Conservatism in the
20th Century

The Emerging
Nations and the
Cold War

The Social Response
to Automation

A Look at
Oceanography

Arrive back at
Corvallis, 5 p.m.

6:15- 7:30

Dinner

Dinner

Banquet

7:30- 9:00

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