

# Professor Delineates Science . . .

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 able our graduates to hold their own with the graduates of other institutions and preferably of the best institutions. This is an expensive business both in faculty time and in materials and equipment. We are sometimes told that Oregon, a poor state, cannot afford it.

**MY PERSONAL** view is that we cannot afford to do less. The wealth of this state in the years to come will have to be counted not in terms of fertile fields or forests but in trained minds of top quality in all areas, and especially in science.

Our third major task, intimately bound up with the others, is research. The experience of a millennium of university history is that teaching without research is sterile. Moreover, there is only one place in our society where the conditions for basic research are all present together, the universities.

At the University of Oregon the growth of research in the past decade is especially remarkable. Ten years ago research was regarded as a fringe activity of the staff and there were neither space nor funds to support it. My own research, for example, was done in those days in a crowded corner of a dark office in the basement of Deady Hall before it was remodeled. We made a great advance when in 1953 we moved into the present building with excellent research facilities and, at the time, adequate space. The present additions to the building except for the large lecture room in the south wing will all be research space and will fill the space when we move in.

**IN FEBRUARY** of this year we had in the departments of biology, physics, and chemistry, research and graduate training projects supported by funds from outside the university budgeted at \$1,365,226. Most of this money comes from the federal government. About one-fourth of it is specifically for training of teachers and graduate students. The rest is for research as such. Research has become big business at Oregon. We hope it will become even bigger.

As research grows, so does the quality of our faculty. Recent additions of outstanding scholars include Terrell Hill and Richard Noyes, Virgil Boekelheide and John Schellman in chemistry; Aaron Novick, Frank Stahl, George Streisinger in molecular biology; Edward Novitski in biology; and coming next year, Donald O. Wells in nuclear physics and J. C. Kemp in solid state physics.

**TWO** research institutes, the Institute of Molecular Biology and the Institute of Theoretical Science have been set up. The Institute of Molecular Biology has already begun operation and has attracted international attention. Their work is concentrated on one of the most fundamental aspects of life, the machinery by which the heredity information contained in the genetic material of the cell directs activity in the cell, telling it what to do and how to do it. This is also related to Dr. Novitski's work in the Biology

Department where he has recently initiated a study of new approaches to biochemical genetics and is making a search for genes in fruit flies which will influence biochemical events.

Dr. Cohen's studies of the sensory mechanisms of crabs have attracted great interest as constituting a new and fundamental approach to the problem of the mechanisms by which the information reaching the sense organs is coded and transmitted to the central nervous system to provide a basis for action. Equally exciting and interesting things are going on in chemistry and in physics and we anticipate that the Institute of Theoretical Science which will begin its operations next year will become a center for work in theoretical physics, chemistry, and possibly biology.

I think that we are at a beginning era of development in Oregon, in which our science departments will take their places with the best in the world, if the people of Oregon continue to support us. Science departments of this caliber will in the long run bring back to Oregon an enormous return, both material and spiritual, on the small investment which is required for their support.

## Letters . . .

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 hundreds of years from now, digging out this campus. They would say, "We see, the air was used by the upper classes to travel in these flying things. These big, wide things with the lines are for those four-wheeled things of the middle classes. These hard paths were used by the serf classes who went by foot. These funny two-wheeled things must have belonged to the proletariat, but how did they get from the big, wide things to the hard paths?" Gentlemen, let us not leave these noble scientists in doubt. Consider the future. Consider posterity. Consider your own well-being and peace of mind. Gentlemen, give us bicycle ramps.

**BICYCLE RIDERS UNITE. YOU HAVE NOTHING TO LOSE BUT THE BUMPS. The Bicyclists.**

## Students to Give Music Recital

A student joint recital will be given at 4 p.m. in the School of Music auditorium, Sunday, April 23.

Carole Stewart will be soprano soloist, accompanied at the piano by Mildred Thomas. Barbara Passman will play the organ.

The music will be by Bach, Mozart, Puccini, and Hindemith.

## Legal Fraternity Initiates Members

Phi Alpha Delta legal fraternity will hold its annual initiation Saturday, April 22, at the Lane County Court Chambers at 4 p.m., announced David Hunter, Justice of the local chapter.

Seven law students and Speaker of the House of Oregon Legislature Robert B. Duncan, will be initiated at that time. A banquet will follow at the Eugene Hotel with Justice Gordon Sloan of the Oregon Supreme Court speaking on the "The Role

of the Young Attorney in the Young Community."

Law students to be initiated are Robert Ackerman, Fred Robinson, Sam Goodwin, Ernie Bergstrom, Jan Carpenter, Michell Karamin, and Larry Houchen.

## Long Senate Meeting . . .

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 came at the end of the meeting. Newly appointed chairman John Socolofsky, who had been dozing in the back of the room, awakened to present a charter which he has described as "defining the relations of the ASUO and Greater Oregon."

**THE CHARTER** as presented was amended on a motion by Bill Vertrees to give the Senate greater control in the selection of the chairman. His amendments also give or disapprove the organization's programs.

**DOUG GREER** moved that the Senate reconsider its decision of the last meeting to approve the Student Union Board's proposal to hold a jazz festival in February. The event was suggested by Colleen Nelson of the board as a yearly event.

Speaking in favor of withdrawing approval, Tom Herman, junior class president, said that he feels one reason why the junior prom lost \$1500 to \$1800 was because jazz artist Shelly Manne and Joanne Sommers were booked for the concert.

**BUD SNODGRASS** suggested that the Senate not act to withdraw approval until it had heard from representatives of the SU Board. Schell said that representatives of the board had been invited to the meeting but had failed to attend.

After Greer's motion passed, Sue Taylor successfully moved that next year's Senate investigate the issue further.

**STEVE SCHELL** requested ap-

proval for an ASUO budget of nearly \$7,000 for 1961-62, an increase of about \$3,000 over this year's budget.

Primary reason for the increase was the addition of five new ASUO salaries, for the vice-president, research assistant, assistant ASUO secretary, Greater Oregon special events director, and Greater Oregon contact director.

**A MOTION** by Steve Hintz that the ASUO discontinue its annual banquet, which costs \$300, was defeated.

The budget passed as Schell presented it, following deletion of \$400 for an ASUO handbook. Schell said that he "sees our chances as somewhat favorable" for receiving approval from the Budget Board for the budget.

## Job Opportunities

April 21: Beaverton Public Schools will interview students majoring in biology, physics, math, French, boys' PE and girls PE and metalwood shop. Job locations to be Beaverton.

April 21: The Quaker Oats Company will interview students with a BS in Business Administration or Liberal Arts for sales training. Job location to be on the West Coast.

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 Joey and his Pals  
 RITA HEY WORTH  
 FRANK SINATRA  
 KIM NOVAK  
 Pal Joey  
 TECHNICOLOR  
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 S.U. Ballroom Admission 40c

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 11th & Alder  
**STARTS TONITE!**  
 Open 7:30 - Show 8:00

For the first time on the screen a performance by

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 of Moliere's classic satire

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 LE BOURGEOIS GENTILHOMME  
 With English Subtitles

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 HERE COME THE SUNDOWNERS!  
 They're fun people, fervent people. They have a tremendous urge to keep breathing

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THE SUNDOWNERS  
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**BURT LANCASTER**  
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 Technicolor

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 Now Playing!!  
 Best Picture of the Year!  
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 Butterflies have wings of white  
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 Dairy Queens have no wings at all  
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