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## Portland State Perspective; April 1972

Portland State University

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# Portland State perspective

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Dr. Frank Terraglio, director of Portland State's air pollution training program, shows Donna Mikulic, Applied Science secretary, what happens to a white filter when Portland air is continuously passed through it for 24 hours. It turns black. On ground is clean filter mounted on another high volume air sampler and ready for another pollution test. Sampling site is on Science I roof.

## Most Night Students in Pursuit of Degrees

A winter term survey of night students at Portland State shows that only about 17 per cent are attending classes for "traditional continuing education reasons" while some 80 per cent are pursuing degrees or seeking qualification for enrollment in a degree program.

"Traditional continuing education" reasons are defined as those which provide general education or meet personal interest needs of adults, provide refresher courses required for professional maintenance or advancement, or provide job retraining for adults.

The winter term survey was based on 1,834 questionnaires, representing 515 students enrolled in night-time PSU sections and 1,319 in sections offered in cooperation with the Portland Center for Continuing Education.

The report shows that the small proportion of night students taking classes for "traditional continuing education reasons" at PSU represents an enrollment trend. A 1966 study of PC (Division of Continuing Education) classes at Portland State found that 35 per cent of the students had

a continuing education reason, compared to the 17 per cent in 1972.

The 187-page report of the winter term survey was released at *Perspective* press-time.

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## INSIDE

**BARGAIN DAYS** - Viking Club members launch campaign to improve athletic program, announce all-family, all-sports ticket sales drive with reduced rates to PSU home games and matches, Page 9.

**SUMMER TERM** - There's something planned for practically everyone this summer at PSU. For a preview, turn to Page 4.

**BIKE SAFETY** - A family tragedy spurs new efforts at bicycle safety. Page 2.

## Applied Science Tackles Air Pollution

The Northwest is not included in a population forecast predicting that by the year 2000 nine out of ten Americans will live in four urban sprawls - the Atlantic Seaboard, the shores of the Great Lakes, the Florida Peninsula and the California Coast.

Nonetheless, indices of air pollution - one of the scourges of urbanization - already are commonplace in Northwest weather reports. A white filter mounted at a sampling site turns black after Portland air flows through it for 24 hours.

Portland State became deeply involved in the problems of air pollution in September, 1967, when Dr. Frank Terraglio, an associate professor of Applied Science, received a \$24,380 grant from the National Center for Air Pollution Control. The grant was to establish an undergraduate air conservation program at Portland State.

The five-year, renewable grant has provided about \$140,000 to the University and has covered equipment and supplies, instructional salary, and stipends for undergraduate students who have spent ten weeks during the summers as employees of the Columbia-Willamette Air Pollution Authority and the State of Oregon Environmental Quality Department.

The employment of undergraduates - at \$60 a week - makes the federally sponsored program unique at Portland State.

"The students are under the complete control of the Agency and they work as employees of the Agency, not as observers," Terraglio explained. "They are assigned to short-term projects and investigations as directed by the agencies."

"Their work ends as permanent in-put into the agency, and the agencies use the program as a recruiting tool in hiring students who have completed their university work. And the government has projected a critical need for trained personnel in governmental air control agencies until at least the middle of the 1980s."

Last summer, for example, Jack Payne, a PSU senior in Applied Science, dealt primarily with automotive pollution while working for the Authority and participating in a carbon monoxide study of Portland. He assembled data on the traffic density of the downtown core area and the trends of carbon monoxide levels. The Authority's official report, "1971-1985, A Report on the Air Quality," gives credit to Payne for his work.

In addition to working on specific projects, the undergraduates also are invited to participate in unusual activities of the Agency, such as court cases and board hearings. The federal grant, in addition, makes it possible for the students to attend the annual professional meeting of the Pacific Northwest International Section, Air Pol-

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# DEATH PROMPTS DESIGN OF BIKE REFLECTOR

The death of 13-year-old Mark Wimber while riding his bicycle last December has prompted a statewide bicycle reflector campaign sponsored by the ASPSU Committee to Promote Bicycle Safety and the student Urban Affairs Council's class, "Public Policies Bikeway Planning."

After the child's death, his father, Larry Wimber, member of PSU's student senate and campaign coordinator, and his grandfather, M. J. Thompson, Prineville's Chief of Police, began work to design an improved safety reflector for bicycles.

The result is a red metallic, three-sided reflector that reflects light from both sides and back of the bicycle for a minimum of 800 feet at night, said Wimber.

The small, round reflectors now installed on all bikes when they are manufactured do not reflect headlights because they are too low on the rear fender, explained Wimber. When a bicycle rider goes through an intersection a car driver has difficulty seeing him at night because there are no reflectors on the sides of the bike.

The new reflector, attached to the back of the bike seat, fits any model and size of bicycle and provides greater reflection than present reflectors, said Wimber.

While Thompson is working with the Oregon Police Chiefs Association to get the reflectors adopted on a state level, Wimber has gone to ASPSU President Teri Anderson to see what PSU's student government could do with the idea.

The Committee to Promote Bicycle Safety has been formed and money has been raised to produce the reflectors. Since the committee was formed donations have come from businesses, service clubs and private individuals to pay for 5,000 reflectors.

The efforts of the PSU groups have been supported by Governor Tom McCall, City Commissioner Neil Goldschmidt, Tri-County Sheriffs, Multnomah County Commissioners, Portland Traffic Safety Commission and the Traffic Safety Education Department of the Portland Police Bureau.

Distribution of the reflectors is expected to begin this spring at Columbia View School and

other Reynolds' District Schools, where Mark Wimber was a student. Saturday workshops will be held at PSU where members of the bike class will distribute the reflectors and review basic safety rules with bike riders.

The reflectors will be sold for \$3 each and will include a license number that will be registered with the Portland Police. The numbers will help insure identification of lost or stolen bikes, said Wimber.

After the initial distribution at Columbia View and PSU the reflectors will be available in the Portland Public Schools, at Vinton's Shoe Store in the Gateway Shopping Center, N.E. 102nd and Halsey, Baza'r in Beaverton and the Farm Store at Montgomery Wards on N.W. Vaughan St.

Members of the bike class, "Public Policies Bikeway Planning," are working on safety legislation that will be proposed to the 1973 session of the Oregon state legislature. The PSU committee and bike class hope to have the reflectors distributed throughout the state before the 1973 legislative session, Mrs. Anderson said.

## Night Students Tend To Work in City

(Continued from Page 1)

Meanwhile, here are some of the highlights:

There is very little difference in the characteristics of the students enrolled in night classes offered under PSU auspices and those enrolled in night classes offered in cooperation with the Portland Center for Continuing Education. Most of the differences disappear when an account is made of the fact that the PSU offerings contain a much higher percentage of upper division and graduate classes and PC offerings contain a much higher proportion of lower division classes.

The survey noted there is a great deal of ambiguity among students as to their official admission status.

About 75 per cent of the night students are employed, and live in the City of Portland.

From a checklist of 15 reasons that might have been considered in the student's decision to take a night class, only six reasons were checked by more than 10 per cent of the respondents:

1. Work during day and can take only classes at night (46 per cent).
2. Prefer to have a class that meets one time a week instead of a class that meets several times a week (23 per cent).
3. Desired the course, and it was offered only at night (21 per cent).
4. Wanted to take a class from a specific instructor (15 per cent).
5. Couldn't get into a day section of this course, so had to take night section (15 per cent).
6. Work part-time during the day and cannot get all of the classes during the day (13 per cent).

Night students also were asked how many night classes they would like to take if they had a choice. About 18 per cent would prefer not to take any and 31 per cent preferred to take only one. About 40 per cent preferred two or three.

Some 65 per cent of the respondents said they would like to see more evening classes added, with more indicating a desire for more upper division rather than graduate classes. About 15 per cent wanted more afternoon sections and 18 per cent more morning classes.

Of those only taking night classes, about 78 per cent indicated they would like more evening sections added, compared to 51.5 per cent of those taking both day and night classes. Of those taking both day and night classes, 48 per cent wanted more morning or afternoon sections.



These bicycles show increased size and bike seat placement (not fenders) of new safety reflectors designed by M.J. Thompson (right), chief of police in Prineville, to provide greater reflectivity at greater distances both day and night. The reflectors are being distributed by student government (ASPSU), headed by Teri Anderson (left), and Larry Wimber, coordinator of ASPSU's Bicycle Committee.

# Man's Influence on Environment Subject of Many Claims, Fears

By CARL BACHHUBER

"An ice age is coming because of the backscattering of sunlight by man-made smokes," says one environmentalist.

"We are going to have hotter weather because of the 'greenhouse effect,'" says another.

"We will run out of oxygen," says a prominent biologist.

Today there is a bewildering array of claims and counterclaims as to what effect man's activities have on the environment. Such concern is not new. My father told me long ago that putting hydroelectric dams on the Wisconsin river caused apprehension among many farmers. This apprehension seemed thoroughly justified when the installation of the dams was followed by a record drought in the 1930s. "It puts too much electricity in the air" was the then accepted explanation. History is replete with other examples.

Many fears, such as the fear of running out of oxygen, can be dismissed with quick, easy, quantitative arguments. To prove or disprove many other claims will require lots of hard work. It was my privilege to spend my sabbatical year (1970-71) at the National Center for Atmospheric Research (NCAR) in Boulder, Colo., where important work is being done to understand the atmosphere.

NCAR, funded by the National Science Foundation, has its main lab (about 500 people) in the mountain park just outside the city of Boulder. I am by no means competent to describe all or even most of the activities there. A few that I would like to mention are:

First, their study over an extended period of time of water vapor in the stratosphere, which, hopefully, will provide important facts which will settle much of the controversy concerning the effects of the supersonic transport. These measurements are very difficult because the amount of water vapor is so small.

Secondly, their modeling of global atmospheric circulation which requires a great deal of time on very large computers. The model is able to predict a lot of the features of the atmosphere, but an important shortcoming which the scientists were discussing was that a description of the earth's cloud cover had to be inserted into the model. The next stage of sophistication would be to have the model generate the description of the cloud cover. The more sophisticated model might be able to predict instabilities such as if (say) man's

activities would cause a change in cloud cover which (say) in turn would cause a further change in cloud cover, in a vicious circle.

Finally, I would like to say a few words about the cloud physics project in which I worked. The group, headed by Dr. Doyno Sartor, was testing out the just completed "rain shaft," a vertical wind tunnel in which they could levitate water droplets of sizes down to that of small cloud droplets by controlling the air flow. Precision equipment controls the temperature and humidity of the air, so that water droplets may grow and interact under controlled conditions. This group also had an instrumented glider, which could sit nearly motionless in a wave cloud and there collect samples and take pictures through a microscope-camera of the cloud droplets.

My own work was to check another man's very difficult fluid dynamic theory, as to how cloud droplets can interact. I was able to verify that the theory correctly determined the drag forces when the inertia of the fluid was very small.

I am continuing this work at Portland State and my not yet published measurements show there is a need for a better theory which includes the effect of fluid inertia. Dr. Tsu-hui Liu of our department is working on such a theory, but it is very difficult. It will be many weeks before we can hope to compare her theory with my measurements. In order to understand how it can rain, it is necessary to understand how little droplets can collide and coalesce into larger droplets. We are checking only part of this problem. Nevertheless, we feel that this work will provide an important link in eventually complete understanding of normal rain. Understanding normal rain will be an important link in understanding climatology.

This work is certainly a lot less glamorous than making sweeping conclusions about the effect of man's activities on the environment.

In any case, such conclusions are premature. True, many of the prophets, (perhaps half) will prove right — the earth will get either hotter or colder.



*the spheres have greater horizontal separation than at the start.*

Dr. Carl Bachhuber, the author, is an assistant professor of physics. He studied at the National Center for Atmospheric Research while on a recent sabbatical. One of his primary interests is atmospheric electricity, motivated partially by his concern about the consequences of present civilization on the environment. "Air to a little water droplet," he says, "is like viscous oil to a ball bearing."

The photo of Dr. Bachhuber was made by Richard Bruce Walton.

*The photo accompanying this article is a multiple exposure of two unequal spheres falling through viscous oil. An exposure was made every second. Every sixth exposure is more intense. The larger sphere passes the smaller sphere twenty seconds (or images) from the first (top). The center of gravity of the spheres does not fall in a straight line. At the end (bottom) bearing.*



TOMAS SVOBODA

## Svoboda Premiere Played in Toronto

Tomas Svoboda, assistant professor of music at Portland State, flew to Toronto March 20 to hear the premiere performance of his "Reflections for Orchestra" played by the 120-piece Toronto Symphony.

The 33-year-old Svoboda spent some two-and-a-half years completing the major work. He finished the original score in 1968 for his masters degree at the University of Southern California. He spent the next two years writing the 60 parts called for in the score.

Reared in Czechoslovakia, Svoboda knew Karel Ancerl, conductor of the Toronto orchestra, when Ancerl was conductor of the Czechoslovakian Philharmonic Orchestra.

The young composer has had a number of his 50 compositions for orchestra, piano, organ and chamber ensembles performed by the Prague Symphony Orchestra and by chamber groups throughout Czechoslovakia and the United States.

Also an accomplished pianist, organist and percussionist, Svoboda made many concert and television appearances in Los Angeles and San Francisco between 1965, when he came to this country, and 1969. He gave a Portland concert last May.

Svoboda now is busy writing 23 parts for an original score he has composed. It will have its premiere performance at the Peter Britt Music Festival in Jacksonville Aug. 11-26.

## Many Study Air Pollution

(Continued from Page 1)

lution Control Association, where papers are presented. This fall's meeting will be held in Eugene.

While a total of 30 credit hours in air pollution control are required of students enrolled in the program, the non-science student who would like to know more about the problem may take a course entitled "Introduction to Air Conservation." Most of the majors, said Terraglio, combine their air pollution control courses with other science disciplines such as biology, chemistry or physics.

The air pollution labs are housed on the fourth floor of Portland State's new Science II building. On the roof of nearby Science I is one of the region's air sampling sites, and from there one can see and inhale, along with the filter, the air over downtown Portland.

# SUMMER BY THE PARK BLOCKS

Portland State's summer term, consisting of more than 700 courses, is designed for practically everyone — and in some cases, like the Haystack Rock program at Cannon Beach, for everyone in a family.

There is no extra fee for out-of-state residents during summer term and offerings on the downtown campus by the Park Blocks are open to:

- High school graduates who would like to enroll as freshmen and get an early start on their university careers. Some special programs, like the Jazz Band Clinic, are open to high school students.

- Oregon high school graduates whose grade point average fell below the minimum 2.25 required for University admission. If the student completes nine University credit hours with a minimum of 2.00, he will be eligible to apply for fall term admission.

- Transfers from other institutions, who may continue their work at the University at any level, graduate or undergraduate, or simply resume an education which might have been interrupted.

- Teachers and other professionals who seek enrichment in their chosen fields.

- Non-matriculated adults who would like to take a University course or two during the summer.

Registration is June 19 for the majority of the 700 regular academic year course offerings sched-

The first special program begins June 12; the final one on campus, on Aug. 21.

Complete information about classes and special programs may be obtained by calling or writing for a summer term catalogue. Call the Summer Term Office (229-4081) or write Summer Term

issues facing the State. Workshops will investigate how people can become more effective in influencing legislation.

Jack Taylor, associate professor of marketing, will lead a "Consumer Protection Workshop" from July 3-14. It will be a study of consumer

Summer Term Director Charles White reports an extra summer term service has been designed for everyone "interested in recycling the stacks of reading material that keep piling up at home and office."

The answer is a self-run, free reading program. Its other objectives are to shorten study time by faster reading; improve grades through better understanding, and to make college work more enjoyable.

Day and evening instructional sessions will be offered each week between June 19 and August 11. The course offers no credit and no grade. And it's free.



Office, Portland State University, P.O. Box 751, Portland, Ore., 97207. Catalogues also may be picked up at the registrar's office in the lobby of Neuberger Hall (formerly South Park Hall).

Most of the regular academic year course offerings also are available during the summer term. Here's a glimpse of some of the "extras" in store for summer term students at Portland State.

## ART

Tony Laws, founder-director of London's Silver Workshop Ltd., will be on campus Aug. 14-25 to teach a seminar in advanced metalsmithing. An art department favorite two summers ago, Law will demonstrate and focus on hand production of metal objects, including flatware and hollowware as well as sterling silver.

## CURRENT EVENTS

"Communication Problems in State Government," will be the topic of an Aug. 14-18 seminar to be taught by Ted Grove, associate professor of speech. Emphasis will be on the most important

protection laws, programs and trends at the local, state and national level.

Dr. Helen Edmonds, an American delegate to the United Nations and a State Department resource person, will be back on campus this summer after several successful sessions at PSU. She will conduct a seminar, "Learning About the United Nations," from Aug. 7-18.

## DANCE

Percival Borde, whose "Talking Drums" program captivated PSU and Portland Public School audiences in January, 1971, will bring West African dance to the campus this summer. A specialist on the cultural heritage of the peoples of Africa and the Caribbean, Borde has his own New York company of dancers and musicians. He will offer beginning, intermediate and advanced techniques in West African dance from June 12 to July 1, with credit offered either in physical education or Black Studies.

## FOLKLORE

A new, six-week Summer Folklore Institute from June 26 to Aug. 4 offers credit either in

used during the conventional eight-week session, June 20-August 11, or the eleven-week session, June 20-Sept. 1.

A number of these regular courses are offered in three, three-and-a-half week periods scheduled to run June 20-July 14; July 17-Aug. 9, and Aug. 10-Sept. 1. Many are sequence courses, and a student may take all three of them and complete a year's academic work, or take any one or two necessary to complete a year's program.

The large number of graduate programs and professional workshops make summer term especially attractive to teachers and other professionals. Registration for the special programs began March 1 and will continue through the summer.

English or anthropology. Director Morton Jacobs, a medievalist and linguistics teacher at Lewis and Clark college, will teach two courses, "The New Folk" and "In Comparative Folklore." Bess Lomax Hawes, associate anthropology professor at San Fernando Valley State College, will teach "American Folk Song" and "A Survey of Ethnic Folklore in the U.S." Ralph Friedman, regional folklorist and author, will teach "Folklore of Oregon."

## HISTORY

The Portland area will serve as the laboratory for a study of the physical environment as a record of Portland history and culture in a five-credit seminar, "Artifact and History: The Unwritten Record of the Modern City," Joe Frazier of Pacific University will be guide and teacher for the June 26-July 21 seminar.

The summer catalogue contains a three-dimensional map of the Portland State campus and a list of many of the people with whom summer students will come in contact. As a starter, here is a list of a few people and places:

Summer Term Office - Room 208 Francis Manor, 614 S.W. Montgomery St., phone: 229-4081.

Summer Term Director - Dr. Charles M. White.

Associate Director of Special Programs - Dr. Paul L. Reiling.

Summer Term Secretaries - Janet Hunt and Carolyn Cronin.

Neuberger Hall (formerly South Park Hall), 724 S.W. Harrison St. - Lobby contains most student-contact offices, including registrar, cashiers, parking and financial aids.

Lincoln Hall (formerly Old Main), 1620 S.W. Park Ave. - Contains principal auditoriums for drama and music performances.

Smith Memorial Center, S.W. Park and Montgomery - Houses most student activity offices, several dining and snack areas, recreational facilities, PSU Information Center and Box Office are just inside the Broadway entrance.

## MUSIC - Chamber and Jazz

The Portland Summer Concert Series is returning for a second season offering "the most incredible diversity imaginable," according to Sergiu Luca, violinist and music director. The last four of last year's concerts were sellouts and this summer ten concerts will be given in Lincoln Hall Auditorium, from July 13 to Aug. 22.

Master classes in chamber music, open to any age student who qualifies through an audition, will be taught by resident artists, professional musicians who have scored from Japan to California to New York. The classes run from July 3 to Aug. 11.

Luca performed with the Oregon Symphony in February. Before returning to Portland and the PSU summer chamber program, he will have made his London debut with the New Philharmonia Orchestra and performed with the National Symphony in Kennedy Center, the Atlanta Symphony, the Miami Symphony with Arthur Fiedler and the Israel Philharmonic.

Returning with Luca for a second season are New York pianist Robert Guralnik, who plays a free Brown Bag noon concert at PSU on April 4, and Richard Luby, violinist and violist of the Juilliard faculty.

New resident musicians include violinists Masuko Ushioda, winner of the 1966 Tchaikovsky competition, and Miwako Watanabe, who has had a distinguished chamber music career in Europe.

Violists Uri Mayer, principal viola of the Montreal symphony; Ko Iwasaki, winner of several major competitions including the Tchaikovsky;

Laurence Lesser, on the faculty of the Peabody Institute in Baltimore, and Claus Adam of the Juilliard String Quartet, will make their first PSU summer term appearances. Michael Webster, one of the nation's outstanding clarinetists and member of the Rochester Philharmonic, also will join the group.

The work of one of Europe's finest composers, Sandor Veress, was heard for the first time at a 1971 Portland Summer Concert. This summer Veress himself will be on campus to participate in the chamber program. He has prepared two works especially for the 1972 Summer Concert Series.

On the Jazz scene, the National Stage Band Clinic will return to campus for the second straight year to provide jazz students the opportunity to work with outstanding performers and teachers. The Clinic is scheduled Aug. 20-26. Coinciding with the Clinic will be a workshop on stage band techniques led by Fred Sautter, director of PSU's two jazz lab bands.

## MUSIC - For Teachers

Another major musical offering is the Teachers Performance Institute scheduled from July 17 to Aug. 11 in the newly completed music building on the campus of Southern Oregon College at Ashland. Patterned after the successful Oberlin program, the TPI "will give music teachers the rare opportunity to renew their individual performance skills," according to Institute Director John Trudeau, PSU music professor.

Trudeau and his associate director, Frederick Palmer of SOC, will be assisted by Stanley



Chapple, former resident conductor of the Seattle Symphony and professor emeritus, University of Washington School of Music; the John Biggs Consort, musicians specializing in quartet renaissance and baroque music, and Norman Leyden, conductor of the Oregon Symphony Pops Concerts and assistant music professor at PSU.

## WOMEN

The PSU Women Studies Program was featured along with several other such programs in the U.S. in the March 20 issue of *Time*. On the summer calendar are courses in "The French Woman," "Great American Women," "Women in Early Modern Europe" and "Women's Studies for the High Schools."

## OFF-CAMPUS

**OVERSEAS**-Students wishing to study abroad may enroll in programs to be offered in London June 19-Aug. 11; Paris, June 15-July 18; Madrid, July 3-Aug. 19, and on Yugoslavia's Dalmatia Coast during August and September.

**ON THE OREGON COAST**-The fourth annual Haystack series of university-level summer courses will run from June 12 to Sept. 3 at Cannon Beach. The picturesque location combines vacation fun with learning for all the family. A full program of morning and afternoon sessions will

be presented for children of all school ages while their parents might be involved in one or more of several fields:

**ART**-All art classes are planned around the theme of man's relationship to nature and take advantage of Haystack's beach environment. Raymond Grimm, nationally-known PSU ceramist; Frederick Kline, PSU art professor and painter; Thomas McColl, Cannon Beach poet and artist, and Louise Schwald Lindsey, non-loom weaver, are on the art faculty.



**DRAMA**-The PSU Players, directed by Jack Featherhill, assistant PSU theater arts professor, will return from their Kennedy Center debut (with "Misanthrope") and launch a full summer stock program at the Coaster Theater. Productions run from June 26 through Sept. 3 and include "Harvey," "The Miracle Worker," "The Odd Couple," "The Bat" and "You Can't Take It With You."

**MUSIC**-Eight workshops are planned for teachers and conductors. Norman Luboff, conductor and arranger of the Norman Luboff Choir, will offer a swing choir workshop. Ray Tate, dean of instruction at the Old Town School of Folk Music, Chicago, returns with a guitar workshop. Kodaly and junior high workshops will be offered by Helen Banks, Lauren Abernethy and Norman Weeks, music specialists in the Seattle Public Schools. Leading an orchestra workshop will be John Kendall, conductor, Southern Illinois University Symphony and first violinist of the Lincoln String Quartet. Manny Albam, director, stage band program at Arranger's Laboratory Institute for the Eastman School of Music, will teach a stage band workshop.

**WRITING**-Professional writers will offer workshops for both beginning and experienced writers. Thomas Thompson, fiction writer and scenarist who has been closely associated with the *Bonanza* TV series, will conduct a class in "Writing for TV and Motion Pictures." Poet Primus St. John, winner of the 1970 Discovery Award of the Endowment, will teach a class in poetry. Fiction writing will be taught by Dwight Newton, author of more than 50 novels, 175 short stories, and 40 TV productions. "Writing for Juveniles" will be led by Eloise Jarvis McGraw. Portland freelancer Don James, who has 24 books, 300 short stories and articles and extensive radio and television material to his credit, will teach the non-fiction professional writing and marketing workshop.

## Field Experiences Stress Multi-Cultural Curriculum

For 11 student social workers at Portland State University this year, their "classroom" is Portland's largest minority community, Albina.

"You might call us an outpost, the School of Social Work's link to the community," says Larry Kressel, field instructor of PSU's new Learning Center, located within the Multi-Service Center at 5022 N. Vancouver Ave.

Kay Jernigan, director of the Learning Center, points out that a year ago, PSU's School of Social Work, the only graduate social work program in the state, had the largest non-white enrollment since it began in 1962.

She said the non-white became dissatisfied with

a "white" curriculum because social workers traditionally work with low income and/or minority groups, who quite often are Black. A non-white caucus was formed to make requests for non-white faculty and a field experience in a minority community.

Shirley Hamilton, a Black student, and Maurice Salve, a Filipino, with assistance from the faculty and in cooperation with public welfare personnel, developed a proposal to provide a field experience in the Multi-Service Center, a special program funded under Oregon's Department of Human Resources.

To the \$36,000 received from the Department

of Health, Education and Welfare through Children's Services Division, the School of Social Work added \$12,000.

With this, Dean Gordon Hearn explains, the School was able to hire two specially qualified faculty, Mrs. Jernigan and Kressel, and develop a "multi-cultural" curriculum.

"I had been getting a middle class white experience — theory with no application," says Norm Monroe, a Black student who was graduated last year and is now working with Family Counseling Services at the Multi-Service Center.

"I spent a year's field assignment at the U. of O. Medical School's multi-disciplined clinic in the child psychiatry program, but never did I work with a Black child — not because there aren't any Black children who have these problems, but because their parents aren't likely to bring them to the Med School. They will bring them here (to the Multi-Service Center)."

If a social work curriculum and field experience doesn't deal with Blacks, then white social workers will tend to work with stereotypes, Monroe insists.

And Paul Duke, a white social work student assigned to the adult division of the public welfare department at the Multi-Service Center, agrees.

"My first four clients were Black, and I was nervous. Now it just doesn't bother me anymore. It's easier to relate. I'm lots more comfortable and they are accepting me better."

Created in 1969 to reduce the gap between available services and the Model Cities area residents who need them, the Multi-Service Center contains 18 agencies under one roof. With an active caseload of 4,000, it serves around 1,300 people weekly.

Eight of the 11 first year graduate social work students are assigned within the five largest service agencies: public welfare, children's services, division of vocational rehabilitation, county division of juvenile court and public health. The other three are assigned to agencies outside the Center but located within the Albina community.

Mrs. Jernigan, a 1970 graduate of the School of Social Work, supervises the students concentrating in direct services to clients.

She also coordinates a community awareness seminar open to all Multi-Service Center paraprofessionals and professionals as well as the student social workers.

Larry Kressel worked last year in an OEO project in what he describes as the "nation's oldest ghetto," the lower East Side of Manhattan, with Puerto Ricans, Blacks and Chinese.

There he was involved with one of the country's first experiments in low-cost housing cooperatives and founded a cooperative, coin-operated self-service laundry. Here he is working with students who are similarly interested in community organization and urban planning.

"Most of the students are finding that the problems facing the Black community lend themselves to solutions at both the institutional and personal levels," says Larry. "And the students are doing both — working with individuals as well as attempting to change policies of established institutions as they affect the Black community."

Angie Garrett of Los Angeles and Billie Leichmann, a Grambling University graduate, are working in children's services plus developing a listing of available rentals for low-income people. Since December the two have been inspecting

apartments and contacting landlords, primarily in the Albina area.

"We have 15 to 20 landlords involved and we've managed to persuade some area realtors to participate," Angie explains.

No such housing resource exists anywhere else in the city. Already they have referred a good number of people and several rentals have resulted.

Leon Harris, Multi-Service Center director, believes the PSU students and his personnel com-

On a recent visit to Portland, Elliot Richardson, secretary of the U.S. Department of Health, Education and Welfare, announced that a grant of \$100,000 had been awarded to PSU's School of Social Work to establish a regional Research Institute on Youth Development and Delinquency Prevention.

The School of Social Work with this grant will be able to mobilize the resources of Region X in order to coordinate hard research and provide basic data for program planners and policy makers responsible for the vast array of social services to youth.

The Institute will be the only one of several regional institutes with this particular focus, according to Dean Gordon Hearn.

A committee headed by Dr. David Clark, dean of graduate studies and research, has begun searching for a director.

plement each other well.

Anne Little, mother of seven, is the first social work student assigned to public health.

"We've found I can do certain things a nurse in public health can't because many low income people are terrified of hospitals, doctors and nurses. I can step in, as I did with one woman who desperately needed to go to the hospital.

"I joked and laughed with her and then said, 'Woman, the sensible thing to do is get in a cab and go to the hospital.' And she went."

### Howell Memorials Set Up

The family of Paul William Howell, who served the past two years as an adjunct professor of geology, has suggested that remembrances be contributions to the Paul W. Howell Geology Fund, c/o PSU Development Foundation, or to the American Cancer Society.

Dr. Howell died Feb. 28. He joined the Portland State faculty following his retirement as an engineering and supervising geologist for the U.S. Army Engineers, a post he held for many years.

He was president of the Geological Society of the Oregon Country in 1959, author of many articles in the Society's *News Letter* and widely known for organizing and conducting field trips to all parts of the Oregon Country.



Alumni may remember jars of formaldehyde containing remains of cats, sharks and other study subjects which once lined what was called Portland State's "drabbiest biology lab." But even the name of the building has been changed now — from Old Main to Lincoln Hall — and Room 373 has been transformed into the Environmental Education Center. It's a place, says Director Donald Stotler, where people can get together to work on environmental problems which are too big for any single one of them to tackle. Many of the ideas already have been turned into successful grant applications. The Center is financed by a Health, Education and Welfare grant of \$40,000 and one of its first exhibits was "Can You Have a Humane City?" The project was made possible by the efforts of many business and education leaders and students in the tri-county area who not only came forward with ideas but also contributed to the design and furnishing of the Center. In this photo by Rick Rappaport of Clarke Press, four of the Skidmore, Owings & Merrill architects who designed the Center enjoy some of its facilities. From left are Dr. Harold Jorgensen, EEC associate director, and Architects Henry Baetkey, Dick McBride, Max Bolte and Skip Fren. The Center is open from 8:30 to 4:30 Mondays through Fridays, with plans afoot to keep it open during some evening hours.

## PORTLAND STATE LAUNCHES FIRST 'CHARGE ACCOUNT' TUITION PLAN

Portland State University is launching the State System of Higher Education's first and only "charge account" tuition plan with the opening of spring quarter.

W. T. Lemman, vice president for business and finance, predicts the deferred tuition option will make it possible for from 1,500 to 2,000 students to begin or continue their education at Portland State.

The PSU plan is designed primarily for the student who depends on a monthly income and finds it difficult to accumulate a full quarter's tuition in advance, the usual requirement at other schools.

A spring quarter student at Portland State may pay one-third "down" on his tuition at registration time, with half the remainder due by April 21 and the last half of the balance by May 12. There is no interest or carrying charge, but the student will be assessed a \$3 service fee to cover the added bookkeeping expense.

The deferred plan includes tuition and incidental fees, but not general deposits, late fees, or fees for such things as supplemental course charges. The plan is available to full-time resident and non-resident students, but not to foreign students or part-time students.

Including the \$3 service charge, the resident undergraduate will pay \$58 down, and the balance

of \$114 (or more) in two installments. The non-resident undergraduate will pay \$173 down, and defer \$344 (or more) and the graduate student will pay \$76 down and defer \$150 (or more). The "or more" is to cover credit hours over the maximum allowed under the present fee structure — 21 for undergraduates and 16 for graduates.

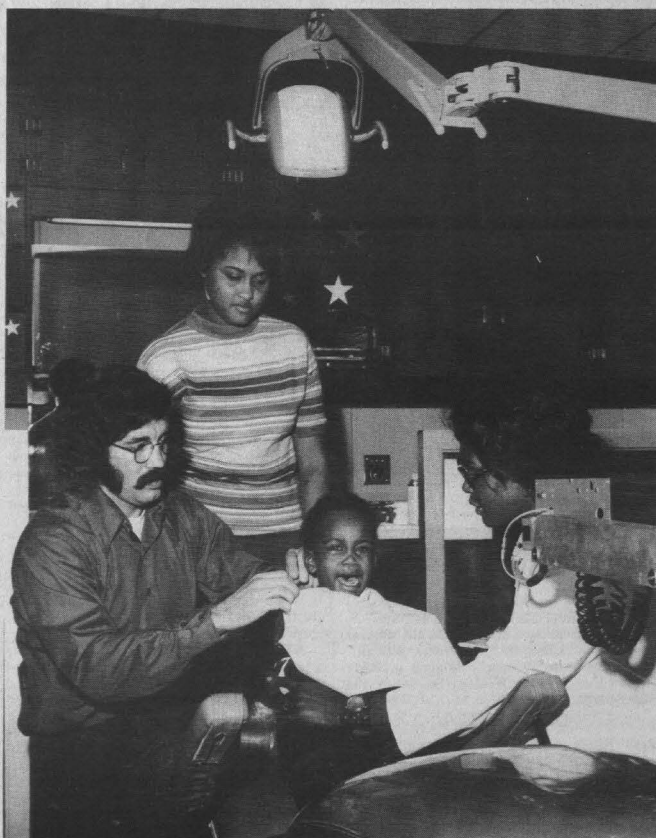
Lemman said brief application forms for the deferred tuition plan are available in the Financial Aids Office off the lobby of Neuberger Hall.

Lemman said the student is asked to complete only minimal information and sign a note for the deferred portion of his tuition. No co-signers are required, and the only credit check involves obligations to the University.

Students who default on their payments will be assessed an interest charge of one per cent per month, and grade records will be impounded if fees are not paid by the end of the quarter.

Lemman expects the "pay-while-you-learn" plan will bring about a diminished demand for short-term, 90-day loans, and thus the present \$170 maximum loan will be increased to \$350. None of the other many loan plans available to PSU students will be affected, he added.

The deferred tuition plan has been approved as an experimental program by the State System of Higher Education. Lemman predicts the plan will be continued in the fall.



Billie Leichmann (standing), a graduate of Grambling University, is one of the first Blacks in her Louisiana hometown, to go into social work. Assigned to the Children's Services Division at the Multi-Service Center, Billie helps to see that children like the little guy above get to visit the Center's favorite dentist, Dr. Frick, and his assistant (kneeling, right), Lizzie Lightsey.



Times have changed, of course, but the University's Placement Service goes on. Presiding over the 1953 group (left) and the 1972 group is John Jenkins, director of Alumni Relations and the Placement Service. At right in both



photos is Mary Ferguson Cumpston, then and now a volunteer. At left in the 1953 photo is LaRae (Koon) Bogg, BS '56, also a "then and now" volunteer. At left in 1972 photo is Clyde Nichols, a state counsellor.

## PLACEMENT SERVICE 'GOING STRONG'

Volunteers and a counsellor from the Oregon State Employment Service have come to the aid of Portland State's Placement Service which was cut by three counsellors and three secretaries because of the financial exigency facing the University. (*Perspective*, December, 1971).

"These people are making it possible to continue the Placement Service," reports Director John Jenkins. "We are able to serve recruiters representing various employers who want to come to

the campus to interview our teacher candidates and other graduates."

Donald Stiffler, area manager for the State Employment Service, said that the job picture "is brightening for all," which appears to be a national trend according to the College Placement Council, an international, non-profit organization.

"Manufacturers and employers are starting to feel the impulse of expansion instead of the contractions experienced during the past two years,"

Stiffler said. "They are looking to college graduates as they employ more people."

Representing the Employment Service on the campus is Clyde Nichols. He has been on duty since March 6, working primarily with seniors and alumni and assisting them in preparing resumes for prospective employers.

Stiffler said Nichols will work from a copy of the State's Job Bank Book, and then refer applicants to a placement officer in the Service's offices in the State Office Building, which is only four blocks from the campus.

A similar employment service relationship has been established on the University of Oregon campus, Stiffler said, and the PSU arrangement was made after consultations between PSU President Gregory Wolfe and Ross Morgan, administrator of the State Employment Division.

One of the volunteers in the Placement Service is Mary Ferguson Cumpston, who was a student volunteer in 1953 and later a student secretary in the office. She received her bachelor's degree in education in 1957. In the interim she has taught, developed an educational television program and done volunteer work for Channel 10.

Mrs. Cumpston will be in the Placement Service from 10 a.m. to 3:30 p.m. on Thursdays to conduct seminars for student teachers, explaining placement services available, job application techniques and the setting up of personnel files and references.

Other volunteers are David Fowler, a graduating senior in political science, who keeps recruiting literature current, and Mrs. David (Betty) Clark, who sees to it that the career information library is up to date.

Stiffler said the State may send additional personnel to Portland State if it develops that such an expansion is necessary.

Meanwhile, says Jenkins, the Placement Service remains in "business as usual" for alumni, students and employer recruiters. And in addition, he said, a number of alumni have offered to come in as volunteers to help out on short-time jobs such as filings and mailings.

### PSU Alumni Activities Program

Mail to: Alumni Relations Office  
Portland State University  
P.O. Box 751  
Portland, Oregon 97207

Name

Address

City  State  Zip

Soc. Sec. #  Telephone

Degree  Year

I am enclosing my check (money order) for \$  for the following activities, services and/or contributions:

- ☐ PSU Alumni ID Card - \$1
- ☐ PSU Family Swim Program - \$10\*
- ☐ PSU Swim/Gym Program - \$5 (Couple, \$10)\*
- ☐ PSU Alumni Parking Permit - \$3\*

\*Spring term rates

- ☐ My contribution of \$  is to be used for
- ☐ Please contact me about a special contribution.
- ☐ Please send me information about the PSU Foundation.
- ☐ I can assist PSU candidates with career information and employment contacts.

Please make checks payable to Portland State University.

# VIKING CLUB PLANS PUSH FOR PSU ATHLETICS

Alumni and friends of Portland State University have set a \$100,000 goal for their campaign to strengthen and improve the University's athletic program.

The campaign involves alumni, community leaders and students. It is being spearheaded by the Viking Club, Portland State's athletic booster organization.

Ed Wester Dahl II, Viking Club president, former PSU student body president and now executive director of the Port of Portland, said more than \$20,000 in donations have been raised since the tax-deductible fund drive was launched Feb. 1.

The Viking Club, Wester Dahl explained, hopes to meet its \$100,000 goal through increased solicitation of donations and the sale of season tickets to a variety of more than 40 sports events which will be held in PSU facilities during 1972-73. The all-sports season tickets are on sale for \$30 if purchased before June 10, and \$40 after June 10.

## Season Ticket Cost To Home Games Shaved for Families

The Portland State Viking Club, booster organization supporting the University's athletic programs, will launch an all-sports family season ticket sales drive Monday, April 3.

Ed Wester Dahl II, Viking Club president, said the all-family, all-sports ticket will be priced at \$30 if purchased before June 10, and \$40 after June 10.

"This will make it possible for a whole family to see a sporting event for just 75 cents," Wester Dahl said.

The all-sports family season ticket will cover PSU home games and matches in football, wrestling, basketball, swimming, gymnastics, baseball and track.

Students and alumni members of Alpha Kappa Psi, PSU's chapter of the national business fraternity, are spearheading the drive for the Viking Club.

The fraternity will derive a percentage of gross sales for its own scholarship use. In addition, they will solicit tax-deductible donations. Much of the fraternity's effort will be conducted by phone between the hours of 7 and 9 p.m.

The home football season begins Sept. 16 against the University of Hawaii. Other home games which a family may witness with a season ticket are: Eastern Washington, Oct. 21; Puget Sound, Oct. 28; Boise State, Nov. 4; Eastern Montana, Nov. 11; Santa Clara, Nov. 18, and Central Washington, Nov. 23 (Thanksgiving Day).

The Viking wrestling team was ranked 14th in the nation this past year, and only two of this year's veterans will be graduated. Facing PSU next season are some of the nation's best wrestling groups from Oklahoma, Oregon State, Washington, Cal Poly, Oregon and others.

The upcoming basketball season already has been nailed down for the Vikings who won 19 and lost only 8 games for the second straight year. The schedule: Jan. 3, University of Alaska; Jan. 13, Boise State; Jan. 15, Chicago (Ill.) State; Jan. 18, Gonzaga; Jan. 20, Idaho State; Jan. 24, Humboldt State; Feb. 1, University of Portland; Feb. 10, Seattle Pacific; Feb. 15, University of Portland; Feb. 24, Great Falls College; Feb. 26, Central Washington, and March 4, Puget Sound.

A handy way to order tickets, or contribute to the Viking Club, is to complete and mail the accompanying coupon.

"A strong athletic program is the key to increasing community support and involvement in Portland State and its activities," Wester Dahl said. "We are very encouraged by the showing to date, and quite confident that our goal of \$100,000 will be reached, and then some, when this broad-based effort really gets moving."

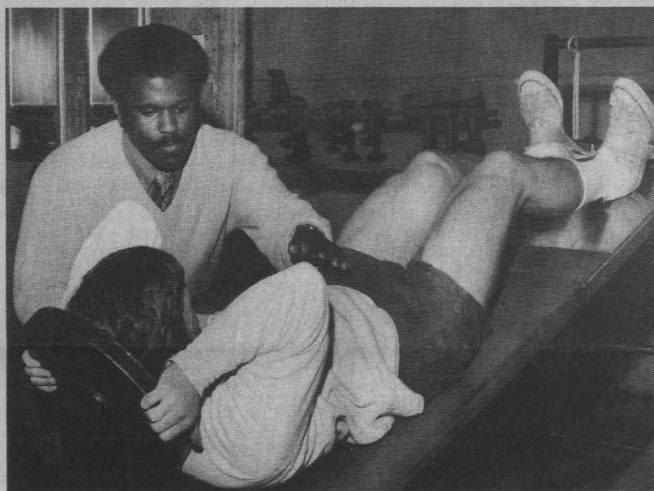
Wester Dahl said donations are coming in in all amounts, from \$10 to \$1,000. Donors who contribute \$100 or more will receive an all-sports family season pass to 1972-73 PSU home games.

The names of individual and company donors who contribute \$100 or more will be published in 1972-73 athletic programs.

Wester Dahl said that many of the contributions are being received in the form of pledges so individuals may pay monthly installments. He said the Viking Club has set up a sophisticated, computerized system, making it possible for the PSU athletic supporter to select any payment plan he desires with monthly billing mailed to him.

Donation and ticket sales funds will be used to provide scholarships for student-athletes, many of whom would have no other means of obtaining a university education, and for recruiting and travel expenses, Wester Dahl said, adding:

"I urge everyone to support this effort by sending in a donation or purchasing a season ticket. All checks should be payable to the Viking Fund."



Ron Stratten, 29, was one of the nation's youngest head football coaches when he accepted that post at Portland State this spring. When not working in the gym with some of his boys, like linebacker Dave Stavros, Ron is out recruiting players for the Vikings: "I'm going to the junior college level to fill holes. I hope to add depth by freshman recruiting, and, in terms of time, that will increase." Stratten is a former assistant coach at the University of Oregon. He takes the coaching post at PSU vacated by Don Read, who became an assistant coach at UO. Of Stratten, George Pasero, Journal sports editor, wrote recently: "Stratten is an impressive man. He is big of body, steady of eye and articulate. His great dedication is to football and his forte is thoroughness."

Mail to: The Viking Club  
Portland State University Foundation  
P.O. Box 243, Portland, Ore., 97207

Name \_\_\_\_\_

Address \_\_\_\_\_ Telephone \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

☐ Yes, I pledge \$\_\_\_\_\_ in \_\_\_\_\_ monthly installments to the Viking Fund. (Checks payable to Viking Fund are Tax deductible)

☐ Count on my help in your fund-raising effort.

☐ I agree to purchase a \$30 '72-'73 family season pass.  
\$30 is enclosed. My 1st \$10 installment is enclosed.

☐ I am interested in joining the Viking Club.

## ALUMNI GOINGS-ON

### 1950s

Donald (Don) Schultz, who received his BA in music from Portland State in 1957, was 15 minutes late the other day when he paid a courtesy call on President Gregory Wolfe.



"Things have grown so big around here. I've been wandering around the place for 10 or 15 minutes," he said. "There didn't use to be much more than Old Main."

Schultz is now one of about half dozen foreign, full professors in Japan. He teaches English at Fukuoka University, a private institution with an enrollment of about 20,000. The only foreign students are from other Asian countries.

After leaving Portland State, Schultz earned his masters degree in English at the University of Oregon.

"I thought I would go abroad for a year before deciding about a Ph.D.," Schultz laughed. "I've been in Japan for seven years now."

Schultz recently built a home in Japan, has written two textbooks and is working on a third. He was back in Portland on vacation. The school year in Japan begins again in April.

### 1960s

Al A. Harrison (BS '64) and his wife, Carol K. (BS '67) responded to a *Perspective* request for information. Al is now assistant superintendent in business in the Oregon City Public School District. After his graduation, he worked as a sales representative for General Foods, and later returned to campus as coordinator of administrative services for the Division of Continuing Education. Carol is a third grade teacher at the Rockwood Alder School in east Multnomah County and is currently working on her M.S.T. in *Extreme Learning Problems* at PSU. They have two daughters, Krista, 6, and Karla, 2.

Gerald D. Krighbaum (BS '64) is vice president of finance for Medford Knitwear Mills, Inc., Medford, where he has been employed since 1967. He lives in Moorestown, with his wife, Donna, and two children, David and James.

Dr. Ellmore G. Thorne (BS '64) has been appointed an assistant professor of dermatology at the University of Colorado School of Medicine at Denver. He is also chief of dermatology at Denver General Hospital. Following graduation from PSU, he went on to the University of Oregon Medical School, took his internship at Fresno, Calif., County General Hospital, then specialized in dermatology at the University of Michigan. He and his wife reside in Englewood, Colo.

John W. Boyce (BA '66) has just completed the winter operations in northern areas course at the Northern Warfare Training Center, Ft. Greely, Alaska. Army Reserve S/Sgt. Boyce is an intelligence sergeant with a special forces group stationed at Portland. Prior to his Alaskan training assignment, he served a tour of duty in Vietnam.

Dwight James Craig (BS '66) writes that he is purchasing an insurance agency in Spokane.

Tremaine F. Smith (BA '67) is the second graduate of the master of liberal arts program at the University of Southern California. The program

is a special interdisciplinary course designed for mature college and university graduates who are already established professionally or for homemakers and others wishing to return to school part-time. Smith is a mathematics instructor at Rolling Hills High School in Los Angeles.

Walt Bowen (BS '67) is the newly appointed sales manager for the Milwaukie office of Stan Wiley, Inc. real estate firm. After his graduation from PSU, Bowen completed two years at the University of Oregon Dental School and then worked as a salesman for a pharmaceutical firm before joining his present company. He has received the Distinguished Salesman's Award from the Portland Sales and Marketing Executives.

Judith Holland Sarnecki (MA '67) received an advanced degree from the University of Iowa in the January graduation ceremonies.

Theodore E. Lawson (MS '69) recently graduated from the Air University's Squadron Officer School at Maxwell AFB, Ala., and now is an information officer at Kingsley Field, Ore. He served a tour in Vietnam where he received the Air Force Commendation Medal for meritorious service.

### 1970s

Carol Ann Palmer Huntington (BA '70) writes that since graduation she has completed her requirements for a teaching certificate. She and her new husband are presently in VISTA, stationed in New Orleans, where she is doing a Community Education Study.

Greg A. Kingman (BS '70) was recently promoted to Army Specialist Four in Germany where he is serving as a records clerk with the Personnel Services Center near Stuttgart.

Jan Wortendyke (BA '70) writes from Mbouda, Cameroun, Africa, where she is serving her second year in the Peace Corps. She is teaching English to French-speaking young people. "Most children are eager to learn," she writes, "but too poor to continue very far. Thus education is sought after and scholastic ratings very competitive."

David L. Swanson (BS '71) has completed his U.S. Air Force basic training at the Air Training Command's Lackland AFB, Tex. He is now assigned to Keesler AFB, Miss., for training in the communications field.

Kevin R. Robinson, a Portland State graduate, has recently been named account executive with the JFF Associates in Portland, a financial and public relations firm. Prior to his present position, he taught and worked in New Zealand.

### Services Offered to Alumni

Alumni who would like to take advantage of services offered at Portland State University may fill out the coupon on Page 8 and mail it to the Alumni Relations Office.

The rates indicated are for Spring Term only and allow alumni use of the gymnasium and swimming facilities and parking (after 2 p.m. weekdays and all day on weekends). The Alumni ID card is the key to services at PSU, including use of the library facilities on the premises and the meeting, recreational and food facilities at Smith Memorial Center. With the ID card, alumni may also purchase athletic and theater tickets at student rates.

## 26 Classes Opened To Senior Citizens

Portland State is opening 26 spring term classes without charge to limited numbers of men and women 65 years and older who wish to enroll without receiving credits. Those accepted will attend 10 or 11 weeks of classes.

Among the selected courses in the special non-credit series is one by Professor Morris Webb to study China, the Communist nations, the Far East and the President's visits to China and Russia.

All the other senior citizen classes are in the regular evening schedules of the colleges of Arts and Letters and Social Science. The curriculum includes Peoples and Cultures of the World, Western Religious Thought and the Life of Jesus, together with four classes in literature, five in philosophy, two in political science and other history courses in Western Civilization, Africa, United States, Latin America, Far East in Modern Times, Russia and the U.S. in the 19th Century.

The Senior Citizens program, first of its kind in Oregon higher education, has been arranged by PSU's Department of Continuing Education to bring Portland area residents to the compact, convenient downtown Portland campus of the University.

Under PSU rules, a senior citizen is any person of 65 years or older. Proof of age may be required at time of registration, which will be held in the lobby of Neuberger Hall, March 28-31 and April 3, from 8 a.m. to 7:30 p.m. Because of classroom space limitations enrollment will be held within a range of 10 to 20 senior citizens, who will be accepted on a first-come, first serve basis.

## Marketing Session Scheduled May 9

The eighth annual marketing conference cosponsored by the Portland State University School of Business Administration and Portland General Electric is scheduled for May 9 at the Portland Hilton Hotel.

The all-day conference opens at 8 a.m. The theme is "Marketing Performance in This Ecological Age."

Keynote speaker at the conference will be Dr. C. Lester Hogan, president and chief executive officer of the Fairchild Camera and Instrument Corp. A graduate of Montana State University, Dr. Hogan earned his masters and doctorate in physics from Lehigh University. He has taught applied physics at Harvard University and has held key posts in most major professional scientific organizations. His topic will be "Technological Change."

Further information and reservations for the conference may be made by calling the Marketing Department, School of Business Administration, Portland State University, 229-3784, or by writing the department at P.O. Box 751, Portland 97207.

## Alumni Represent PSU

Three Portland State graduates have represented the University at inaugural ceremonies for presidents of other universities in communities in which they now live.

Robert A. Mueller, who received his BS in general studies/science in 1959, represented PSU at the inauguration of the new president of the University of Arizona at Tucson; Richard D. Brandon attended ceremonies for the new president of Morgan State University in Baltimore, and Bruce L. Stern served PSU at Arizona State University in Tempe.

Brandon was graduated with a BS in anthropology in 1971 and Stern won his BS in business administration in 1968 and his MBA in 1969.

# APRIL / MAY CALENDAR



PSU Players' production of Moliere's comic masterpiece, "The Misanthrope," featuring Megan Taylor as Celime and Bill Dobson as Alceste, has been chosen one of 10 collegiate productions to be performed at Kennedy Center. It will be on stage in Lincoln Hall Theater at 8 p.m. April 21 and 22 before troupe leaves for Washington.

## PSU Players Win National Honors

The Portland State Players will stage in April two victory performances of their prize-winning production of "The Misanthrope" before heading for Washington, D.C., to compete in the fourth American College Theatre Festival.

Festival officials judged more than 300 university and college theatre productions at regional festivals around the country in recent months. The PSU production was judged the best at the Northwest festival staged at Portland State in January.

The two performances of "Misanthrope" are scheduled for 8 p.m. April 21 and 22 in the Lincoln Hall Theater. Then the company will pack up for the trip to Washington where the two-week-long national festival will be on stage at the Eisenhower Theatre in the John F. Kennedy Center for the Performing Arts.

The national festival is produced jointly by the Kennedy Center and the Smithsonian Institution. It is sponsored by American Airlines, American Oil Company and American Express. The Center pays all production costs and transportation, as well as the travel and living expenses for each company for a six-day stay.

Portland State's production of Moliere's comic masterpiece is directed by Jack Featheringill, and is based on the new translation by Richard P. Wilbur.

Tickets now are available at the Portland State box office in Smith Memorial Center for the April 21 and 22 performances in Lincoln Hall.

The Kennedy Center performances are scheduled at 2 p.m. and 7:30 p.m. April 26.

Other American schools participating in the festival and their productions: United States International University, San Diego, "The Roar of the Greasepaint, the Smell of the Crowd;" Montana State University, "The Price;" Southeastern Oklahoma State College, "Of Mice and Men;" Southern Methodist University, "Oedipus Rex;" Southern Illinois University, "Home;" North Carolina School of the Arts, "The Little Foxes;" University of Miami, "The Boy Friend;" University of Hawaii, "Black Dragon Residence;" and the University of Minnesota, "365 Days."

### CABARET

Every Friday evening, 10 p.m., Viking Bar, Smith Center  
 March 31 - Gene Dougherty, folk singer and guitarist  
 April 7 - Bill Thomas' "The Eyes & Ears Have It," mixed-media show  
 April 14 - Nick Weber presents "A One-Man Circus"  
 April 21 - Greg Keith, poet, and Katie Haggerty, guitar  
 April 28 - Marilyn Hoff, poet  
 May 26 - PSU Jazz Lab Band

■■■

### CONFERENCES

April 13-15 - Pacific Sociological Association Conference, Hilton Hotel  
 April 16-18 - Western Gerontological Conference, Dr. Arthur Fleming, Chairman, White House Conference on Aging, is keynote speaker, Hilton Hotel  
 April 26-29 - Western Psychological Association Conference, George Wald, keynote speaker, Hilton Hotel  
 May 9 - 8th annual PSU-PGE Marketing Conference, Hilton Hotel  
 May 14-18 - Radiation Research Society, 20th National Meeting, Hilton Hotel

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### FILMS

April 1 and 2 - Comedy Classics, April 1 at 7 p.m., April 2 at 6 p.m., Ballroom  
 W.C. Fields in "You're Telling Me"  
 Charlie Chaplin "Pawn Shop" and "1 A.M."  
 Harry Langdon "The Strong Man"  
 The Marx Brothers "Duck Soup"

■■■

### MUSIC

Brown Bag Series: every Tuesday, Noon, 75 Lincoln Hall  
 Applied Music Students' programs: every Thursday, Noon, 75 Lincoln Hall  
 April 4 - Brown Bag Concert by Richard Guralnik, Noon, 75 Lincoln Hall  
 April 10 - Workshop with Stan Kenton Orchestra, Lincoln Hall Auditorium, 2-5 p.m.  
 April 11 - Brown Bag Concert, Don Lehman, pianist, Noon, 75 Lincoln Hall  
 April 12 - Friends of Chamber Music Series, The Hungarian String Quartet, 8:30 p.m., Lincoln Hall Auditorium  
 April 22 - PSU and KOIN co-sponsor jazz program, 8 p.m., - midnight, Ballroom  
 May 4 - Recital by Scott Swope, clarinetist, Noon, 75 Lincoln Hall  
 May 9 - Mary Rosenberger, concert pianist, 8 p.m., 75 Lincoln Hall  
 May 18 - PSU Wind Ensemble, 8 p.m., 75 Lincoln Hall  
 May 25 - PSU Jazz Lab Band, 8 p.m., 75 Lincoln Hall

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### SPEAKERS

April 3 - Carl Parris, slide show on China, noon, North Lounge  
 April 7 - Len Segal speaks on the Pacific Rim Studies Center, noon, North Lounge, Smith Center  
 April 13 - John Judas, "New American Movement," noon, 290 Smith Center  
 April 17 - Igor Rodenko, head of War Resisters League, noon, North Lounge  
 April 19 - AFS slide show, "The Electronic Battlefield," noon, 290 Smith Center  
 April 21 - Don Hamerquist, community organizer from Chicago on "Racism and the Working Class," 1 p.m., Ballroom

■■■

### SPORTS

Baseball - At home, Civic Stadium  
 April 6 - Whitworth, 1 p.m.  
 April 9 - Pacific University, 1:30  
 April 11 - University of Oregon, 3 p.m.  
 April 13 - Linfield, 3 p.m.  
 April 14 - Seattle University, 1 p.m.  
 April 17 - University of Portland, 3 p.m.  
 April 18 - Oregon State, 3 p.m.  
 April 20 - University of Portland, 3 p.m.  
 May 4 - Oregon College, 3 p.m.  
 May 9 - Oregon State at Skavone Field, 3 p.m.  
 May 13 - Puget Sound, Lents Field, 1 p.m.  
 May 14 - Alumni, Skavone Field, noon

Track - At home, Duniway Park, 1 p.m.  
 April 8 - Seattle Pacific  
 April 22 - George Fox  
 May 6 - Central Washington

■■■

### THEATER

March 31, April 1 and 2 - PSU Players, "The Fantastics," 8 p.m., Studio Theater  
 April 1, 7, 8 - "Othello," Portland Shakespeare Company, 8:30 p.m., 75 Lincoln Hall  
 April 3, 10, 17 - Series of lectures by Rabbi Gerald Kane of Temple Beth Israel on "The Jew in American Drama," Noon, Studio Theater  
 April 13-16 - San Francisco Mime Troupe: April 13 and 15 "Independent Female or A Man Has His Pride," April 14 and 16, "The Dragon Lady's Revenge," all at 8 p.m. in Lincoln Hall Auditorium  
 April 21, 22 - "The Misanthrope," PSU Players, 8 p.m., Lincoln Hall Auditorium  
 May 4, 5, 6 - Les Planches du Pacifique (French Theater) will perform in French and English, Agora Coffee House  
 May 5, 6, 12, 13 - "After the Fall," PSU Players, 8 p.m., Lincoln Hall Auditorium  
 May 19, 20, 26, 27 - "Vasco," PSU Players, 8 p.m., Studio Theater

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### WHITE GALLERY

March 27-April 15 - Photographs by Bruce Forster and Kirk Thompson, second floor, Smith Center

## Radiation Researchers to Meet in Portland

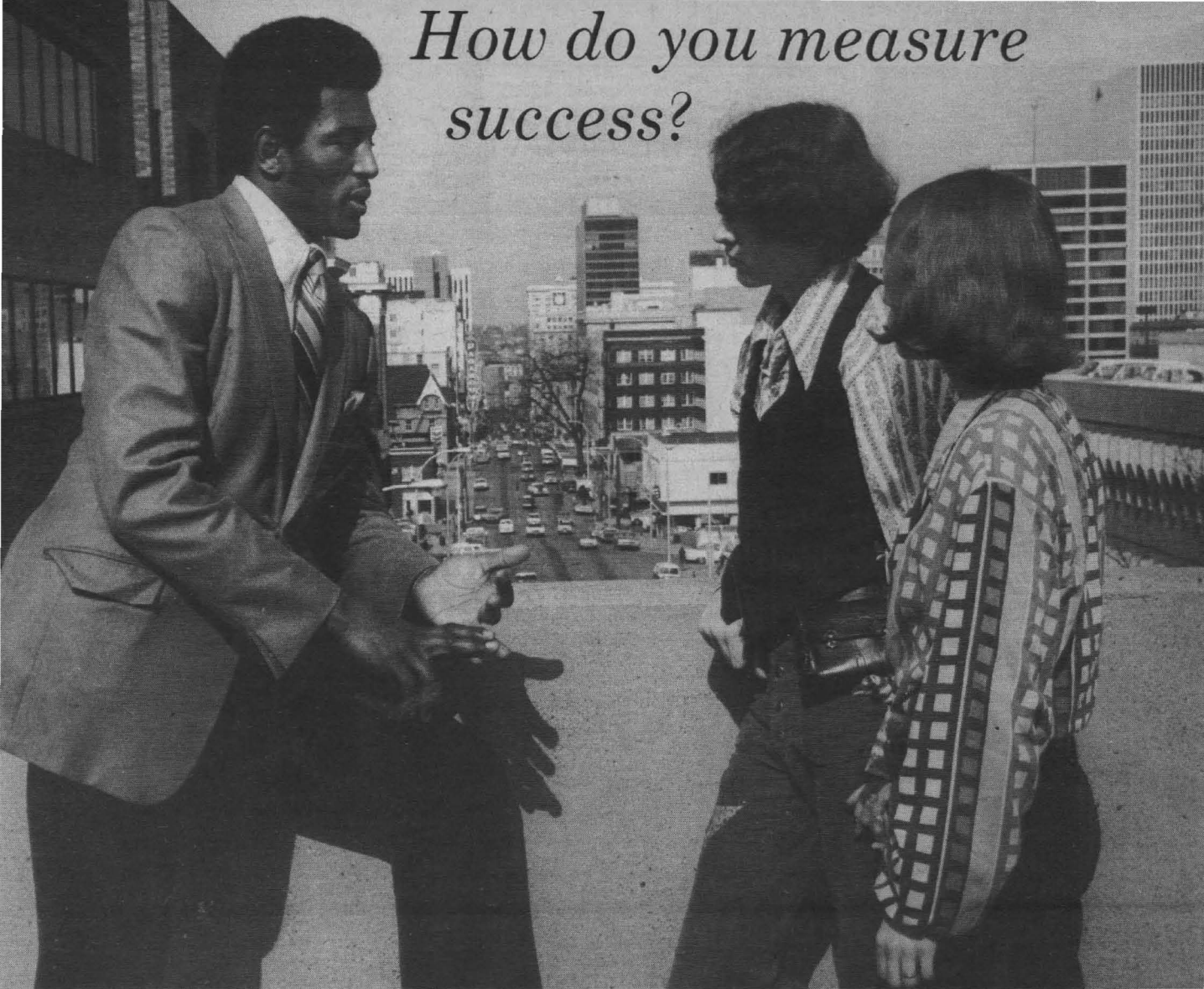
The twentieth annual meeting of the Radiation Research Society - the first to be held in the Northwest - is scheduled from May 14 to May 18 in Portland.

Dr. Kwan Hsu, associate professor of physics at Portland State and chairman of the local committee for the conference, reports that 267 re-

search papers will be read at the conference, which will be headquartered at the Hilton Hotel.

Dr. Hsu said that persons who are not members of the Society may attend the open sessions of the meeting. Those wishing further information about the program and the registration fee for non-members should contact Dr. Hsu at Portland State, 229-4225.

# How do you measure success?



"Not by a high school grade point," says Bill Wilkerson, former PSU basketball star and director of Portland State's innovative program Operation PLUS.

Now marking its fourth year on campus, Operation PLUS (Paced Learning for Urban Students) was created to help students from economically disadvantaged backgrounds — of all races — to gain a college education even though they could not meet regular entrance requirements.

They are young people who achieved less than a

2.00 grade point average in high school. Many did not finish high school.

But as Bill Wilkerson points out with pride, "How about the young mother of seven who is raising her family alone, yet is proving she can do first-year college work, even if it is a tough row.

"Or the former railroad section hand in his late twenties who didn't graduate from high school but made a straight 4-point fall term.

"Or the young Indian who studied business ad and is

now back home helping his people."

These are three of the many who are making Operation PLUS go. But they need the back-up support of those who can teach reading skills and offer counseling, tutoring, housing and strong leadership.

"We've made a tremendous leap," explains Wil-

kerson, "but we haven't arrived yet."

Operation PLUS is one of Portland State University's dynamic young programs which needs additional funding to reach its goal in helping deserving students become better students. If you want to help achieve this goal, you are invited to contact the PSU Foundation.

Portland State University  
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