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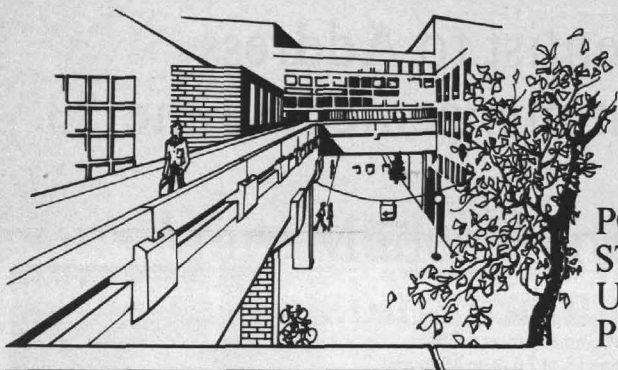
PORTLAND STATE UNIVERSITY PERSPECTIVE



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Blackwatch International/Sam Oakland



PORTLAND STATE UNIVERSITY PERSPECTIVE

May 1976, Volume 8, No. 2

Lincoln Auditorium Opening Events

Artists Present Ballet, Opera in New Arts Center

An original score written locally by contemporary composer Margaret Moore will introduce the opening ballet performed by the Portland State Dance Concert Group in Lincoln Hall Auditorium, May 27, 28 and 29.

One week later, June 3, 5 and 6, the combined Theater Arts and Music departments will present the opera "Cosi fan Tutte" by Mozart. Curtain time for both productions is 8 p.m.

Four ballets, two classical and two contemporary, will be performed by the Dance Concert Group. Theme of the opening piece, "At the Vanishing Point," is based on a quote from a book with the same name by Marcia Siegel.

"Dance exists at a perpetual vanishing point," writes Siegel, "at the moment of its creation it is gone."

Nancy Matschek, director of dance at PSU, feels this aptly describes the many years of work and practice devoted to developing the ballet technique which, the instant it is performed, is gone. "It's impossible to hold," explains Ms. Matschek, "because it exists in time." Jacqueline Schumacher, artistic director for the Dance Concert Group and dance teacher, choreographed the piece. Narration is by Gibner King, nationally known vocal coach and adjunct professor at PSU.

"Simple Symphony," choreographed by Ms. Schumacher with music by Benjamin Britten, is a reading of the musical score in movement. "Concert Variations" features male dancers performing seven episodes.

Choreography is by Cathy Evleshin, PSU dance faculty member. Music is by Alberta Ginestra. The musical form of the fugue has been translated into contemporary movement by Nancy Matschek in "Etudes in Fugue Style," with music by Tomas Svoboda, noted PSU composer.

The PSU Sinfonietta, conducted by Music Department head John Trudeau, will accompany the 19 dancers.

An English translation of the Italian comedy-opera, "Cosi fan Tutte," is the

last in a series of events planned to observe the official opening of the new Lincoln Hall Auditorium for the Performing Arts. John Trudeau is musical director and conductor. Stage director is Asher Wilson, head of the Theater Arts Department. Choral director is David Wilson, and vocal coach is Gibner King. James Lyon designed the sets.

The cast includes Ruth Dobson, PSU Music Department staff member; Doug Feller, PSU graduate who currently teaches music at Hillsboro High School; William Ryan and David Wylie, Portland singers; Martha Gloden, PSU music major; and Linda-Lane Smith, graduate of Jackson High School who has a bachelor of music degree from the Boston Conservatory of Music.

A new, portable dance floor, manufactured in England, will also make its "debut" opening night of the dance performance. The linoleum-like material is in strips 6 feet wide and 18 yards long, with the potential for a 50' x 50' dance floor. It can be danced on in pointe shoes or barefoot. To minimize stretching, the strips are rolled up differently each time. A grant from the Autzen Foundation, Portland, purchased the floor at a cost of \$1,325.61, including shipping.

Five productions have made up an almost month-long series of public performances to introduce formally and celebrate the opening of Lincoln Hall Auditorium for the Performing Arts. "The Matchmaker" began the season May 13, 14 and 15. The PSU Chamber Choir followed on May 19 with selections from a variety of composers, including Tomas Svoboda. Most recently, the Wind Ensemble presented pieces by five composers, May 23.

Tickets for the coming performances are available through the PSU Box Office, 1825 SW Broadway, 229-4440, or at the door. General admission is \$3, students and senior citizens, \$2.

Valeda Brannan, Canby High School senior, makes her first professional appearance with the Dance Concert Group.



Julie Glass

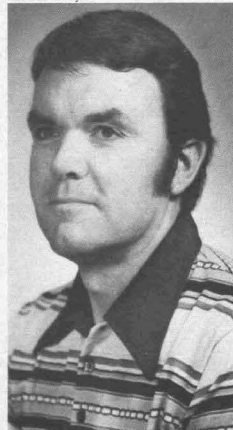
around the park blocks



EIGHT FACULTY RETIRE—Eight faculty members will be honored at a retirement party Friday, May 28, at 2:30 to 4 p.m. in the Portland Room. Honored guests are Howard Backlund, associate professor of business education; George Coggin, assistant professor of mathematics; Errett Hummel, professor of education; John James, professor of sociology; John Jenkins, director of career planning and placement services; Erwin Lange, assistant dean, College of Science; Sharkey Nelson, assistant professor of health and physical education, and Pauline Oliver, professor of business education. Alumni, faculty and staff are invited to join the festivities.

SOCIAL SERVICES DIRECTOR—Norman L. Myers, associate professor in the School of Social Work, has been named director of PSU's undergraduate major in social services. The appointment is effective immediately. The new director was selected by a committee which conducted a national search. He holds a doctor of social work degree from Columbia University. He replaces Lynn Thompson who is on extended sick leave. The undergraduate degree program, which was approved by the State Board of Higher Education more than a year ago, prepares majors for more effective beginning practice in social service positions not requiring a background of graduate level work.

Norman L. Myers



URBAN AFFAIRS SCHOOL—A new School of Urban Affairs, first proposed by President Joseph Blumel is a "State of University" address shortly after he took office, has gained final approval and will begin operating no later than July 1. The State Board of Higher Education, late in April, endorsed Blumel's plan "to accent that part of our curriculum which no other institution in the state system can lay claim to or hope to match."

The School of Urban Affairs unifies six curricular or research programs now under jurisdiction of the dean of Graduate Studies and Research and the dean of the College of Social Science. The programs are Administration of Justice, Institute on Aging, Black Studies Certificate Program, Urban Studies Certificate Program, Urban Studies Center and Urban Studies Graduate Programs. President Blumel said that no new curricula are involved and there will be no added administrative costs growing out of creation of the new school.

ONDINE DEDICATED—The recently acquired Ondine residence hall, adjacent to southeast campus, was dedicated April 16. The 288-unit facility will provide housing for PSU and University of Oregon Health Sciences Center students. It is being managed by Portland Student Services, Inc., a non-profit corporation which maintains several student housing units on and near campus. The Ondine was purchased by the Oregon State System of Higher Education from the Dan Davis Corp. The \$2.8 million purchase was financed by self-liquidating bonds set aside by the 1973 session of the State Legislature. Many units in the building were remodeled under terms of the purchase agreement. Immediate occupancy is available.

WORKMEN'S COMPENSATION PROBLEMS—An all-day forum on workmen's compensation problems in Oregon, sponsored by the Institute for Workmen's Compensation Research at Portland State University, was held May 24 at the Portland Sheraton Hotel. Over 400 individuals from business, industry, insurance and labor groups attended the forum which dealt with changes in Oregon law since 1965 when major amendments were made by the Oregon Legislature. William Moshofsky, vice president, Georgia-Pacific Corp., was luncheon speaker.

Scientist to Address Commencement June 13

Thomas F. Malone, director of the Holcomb Research Institute at Butler University, Indianapolis, Ind., will deliver the commencement address Sunday, June 13, at 3 p.m. in Memorial Coliseum. His speech, "Between Euphoria and Despair," will examine current trends in environmental issues and the prospect of human habitation in the next 100 million years.

Dr. Malone, who is author of many publications on atmospheric sciences, received his doctorate degree in science from Massachusetts Institute of Technology in 1946. He earned his baccalaureate degree with high honors from South Dakota State School of Mines and Technology in 1940.

He was on the faculty at MIT for eight years and was dean of the graduate school at University of Connecticut, 1970-73. He has had special assignments at Harvard, Rensselaer Polytechnic Institute, and Associated Universities, Inc., Brookhaven National Laboratory.

The scientist has held numerous government appointments. He was consultant to the President's scientific advisory committee and member of the panel on atmospheric sciences in 1961-65. He was a member of the Department of Commerce national advisory committee on oceans and atmosphere, 1971-75. He was chairman of the U.S. national commission for UNESCO, 1965-67. He has been on the National Science Foundation advisory panel for the international decade of ocean exploration since 1969.

During his career as an educator and scientist, Dr. Malone has held posts in many national and international organizations. He was president of the American Meteorological Society in 1960; president, American Geophysical Union, 1961-64; executive committee member, International Union of Geodesy and Geophysics, 1967-71; scientific committee on environmental problems of the International Council of Scientific Unions since 1970; chairman, National Academy of Sciences board on international organizations and programs since 1969.

The 1976 commencement speaker is recipient of numerous honors in the area of meteorology. He was given the American Meteorological Society's Charles Franklin Brooks award in 1965 "for playing an important part in framing the society's response to the technological, social, and scientific changes of our times."

Dr. Malone's numerous memberships include: New York Academy of Sciences, New England Natural Resources Center, American Association for the Advancement of Science, and International Union for Environmental Affairs.

About 1380 candidates are expected to be eligible to receive degrees at the formal spring commencement exercises.



Thomas F. Malone

The Evaluations Office reports the following breakdown on degree candidates: 1028 bachelors, 345 masters and two doctorates. One Ph.D. degree will be awarded in Urban Studies; the other in Environmental Sciences Resources.

Alumni, parents, faculty, staff, students and friends of the University are invited to attend.



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PSU supports equal educational opportunity without regard to sex, race, handicap, age, national origin, marital status, or religion.

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Marc Maden Reports on Salzburg Seminar

by Marc Maden

Following the second world war, students at Harvard University decided to make their own contribution to this country's efforts to revitalize Europe. With the zeal of cold warriors seasoned with a Yankee arrogance, the Harvard men established a center to educate prospective European leaders about the culture and institutions of their American allies. A Salzburg, Austrian connection at Harvard managed to acquire the renowned Schloss Leopoldskron to house this postwar "intellectual lendlease," christened the Salzburg Seminar in American Studies.

The Schloss (Castle) Leopoldskron was built in 1736 by Leopold Von Firmian, the Prince Archbishop of Salzburg, as his summer residence. The Archbishop located his rooco summer chateau about two miles from the Residenz, his winter castle in Salzburg, on a lake which he created at the same time. Evidently, the Archbishop was thoroughly enamored with the place since he literally left his heart there—it is buried under a stone in the chapel of the Schloss. Anyone who has seen the movie version of the "Sound of Music" has been a vicarious guest of the Schloss Leopoldskron since many of the scenes were filmed there.

The Seminar has conducted about seven month-long sessions throughout most of each year since 1947. Seminar alumni include Walt Rostow, Margaret Mead, John Kenneth Galbraith, Eliot Richardson and *not* Henry Kissinger—his application was rejected—as well as several prime ministers and many notables from the European countries. Session #165, Urban Problems and Planning, attracted a predominantly American faculty composed of the current director of the Urban Institute, William Gorham; the former mayor of Boston, John Collins; the former dean of architecture at Washington University,

Marc Maden is studying for his Ph.D. in urban studies at PSU and is serving his second term on the Oregon State Board of Higher Education. He was one of two Americans to participate in the recent session on urban problems and planning at famed Schloss Leopoldskron.

Joseph Passaneau, and the current chairman of Harvard's department of architecture, George Anselmivicius. Several European faculty from Austria and Holland joined the initial group in the later weeks of the session. About 55 fellows from 19 Eastern and Western European countries, one fellow from eastern United States and some guy from Portland, Oregon, attended the session.

I flew to Salzburg via Seattle, New York and Zurich and through some windy Alpine weather which made me especially glad to arrive. We were met at the airport, quickly dispatched to the Schloss, and warmly greeted in the Great Hall by a roaring fire and good, strong Austrian coffee. We unpacked our bags in the dormitories on the top two floors and spent the rest of the afternoon getting acquainted with the Schloss and each other. Many of my castle-mates were professional urban planners or architects; there were several university professors teaching in related disciplines and one community psychiatrist who helped keep the lid on things. While all of us shared the same urban interests, it was immediately apparent that there was a wide variety of strongly held views about urban policies, problems and planning, as well as politics in general and American politics in particular. The arguments began immediately, and ran every day and most nights through meals, at lectures, in seminars, out on the lake, and especially over beer.

Dinner that first Sunday night was, like everything else in Austria, promptly served in the Dining Hall with frescoed 40-foot high walls and ceiling depicting the good deeds of the Archbishop and illuminated by immense crystal chandeliers dangling from the balconies. The half-French, half-Austrian chef had the remarkable capacity to create meals which matched the magnificent decor morning, noon and night. To the right of the Dining Hall was the small, but well-stocked Schloss Library paneled in dark wood with gold leaf trim and

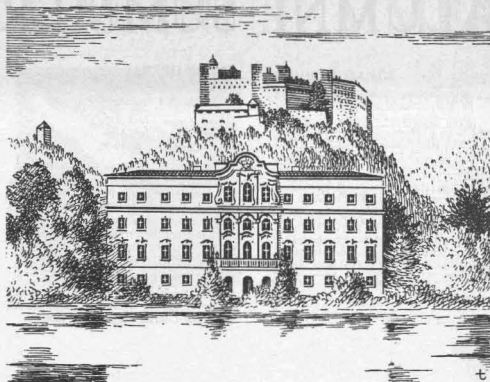
accompanying balcony adjoined by a smaller reading-conference furnished with Chinese porcelains. The deep red Venetian room, covered from floor to ceiling with inlaid mirrors and oil paintings, and the main lecture room emblazoned with the Archbishop's coat of arms completed the second floor plan. After dinner, we were treated to a brief history of the Schloss and its Seminar, paid the initial visit to the Bierstube, and quickly fell away to prepare for next morning's lecture.

Nine o'clock Monday morning, like every weekday morning, began with a formal presentation by the resident faculty, a guest speaker, or a group of fellows. Accuracy compels me to report that this part of the Seminar did not constitute the most valuable contribution. However, these lectures provided a general background of information about the physical appearance activities, development plans of selected American cities. After lunch, we divided into small seminars usually led by a resident faculty member. My seminar, directed by Mayor Collins, concentrated on a comparison between American and European land use planning and regulation. Most Europeans were startled to learn that until very recently comprehensive land use planning and zoning were non-existent in the United States and still did not exist in cities like Houston, Texas. They described in contrast the well-established tradition of planning in Europe—particularly in Holland, Great Britain, and most of the socialist countries—and the close attention paid to the urban environment, especially in the area of historical preservation. Most of the Americans, on the other hand, were surprised to learn that at least one state in their country was deeply committed to land use planning and environmental protection. I described the formation and operation of the Land Development and Conservation Commission and discussed the public ownership of beaches, the bottle bill, and the recent aerosol can legislation. My

presentation sounded like Tom McCall's story although my invitation to come did not have a restriction on the length of visit.

Other seminars dealt with urban modeling theory and techniques, citizen participation in the planning process, etc., but the issue which dominated the Seminar was transportation and specifically, the use and abuse of the private automobile in metropolitan areas. A selection of slides showing the network of freeways and parking lots which covered 60 per cent of Los Angeles and the congestion and pollution of downtown Manhattan traffic provided fuel for the argument. Some maintained that the expanding private ownership of cars was an irresistible force while others countered that it was a primary responsibility of government to limit strictly the use of the automobile in cities. Salzburg, itself, served as a constant example of how a city can preserve its beauty and scale while providing access and service to its residents. Public transport—mainly electric streetcars and taxicabs—is maintained while private vehicles are banned from the core of the city. To provide reasonable accessibility to the core area, Salzburg decided on the ingenious idea of carving out the hill on which the city rests. Suburbanites enter the city through a tunnel into the hill, park their cars, and exit by way of a protected colorful arcade.

Session #165 closed the way it began—in controversy. That tradition will no doubt inform the rest of this year's schedule—sessions on American law and contemporary music, income distribution, and continuing education among others—and hopefully, every seminar. Because the opportunity to engage in animated discussion over important issues with a group of informed, lively and diverse fellows is unique and invaluable. I came away from Salzburg with new ideas and many arguments to reconcile; I leave the Seminar with some old prejudices and many new friends.



ALUMNI SUMMER SPECIAL ALUMNI



ENJOY OPERA!

3 Opera Literature Courses
Monday thru Thursday 9:30-1 p.m.

German Opera June 21-July 2
French Opera July 6-16
Italian Opera July 19-30

Whether you're already an opera buff, or interested in learning more about great operas to be performed by the Portland Opera Association during the 1976-77 season, this is a unique opportunity to better understand and appreciate the form, content and beauty of opera through literature. Take 1, 2 or 3 sessions. 3 credits each.

Invest 6 weeks and earn 9 credits.
Coordinated by Stefano Zegretti, art director and set designer for operas in Vienna, Munich and Rome. Courses taught by PSU faculty.



MAHATMA GANDHI: LIFE AND WORK

June 22-August 13

If you've ever wanted to learn more about the times and works of India's great spiritual leader, this is the moment. Join Anima Bose, specialist in Gandhian studies and Indian scholar, who is teaching for the first time in the Northwest. A professor of history at St. Xavier College in Bombay, Ms. Bose will also teach two other courses, Non-Violence and Social Change, and Peace Movements. 3 credits each.



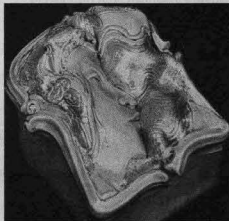
EXPAND YOUR HORIZONS

For all Ages For all Alumni
HISTORY OF EUROPEAN SQUARES
Tuesday and Thursday 5:30-7:20 p.m.

Examine how Europeans use space in their cities. Take an intensive look into the uses of parks, piazzas and places for people in modern European urban centers. Centuries-old squares brought to life in this fascinating course. Taught by Stefano Zegretti, noted Italian architect and specialist in urban restoration. 3 credits.

COMPARATIVE URBAN PROBLEMS
Monday and Wednesday 2:30-4:20 p.m.

For men and women who want to know more about the problems now confronting European cities, particularly London and selected German and Italian cities as compared to Portland. Delve into historical and developmental architecture, transportation facilities and patterns of use. Stefano Zegretti teaches. 3 credits.



DEVELOP YOUR ARTISTIC SKILLS

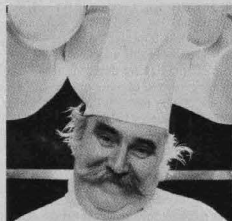
with Paula Colton Winokur

HANDBUILT CERAMICS

July 12-23

Monday thru Friday—all day sessions

You'll receive individual attention in this popular art. Little experience required; no wheels. More experienced potters will learn additional techniques. Have fun while learning with national renowned artist, Paula Colton Winokur, whose works have been exhibited in numerous invitational and juried shows in U.S. and Canada. 3 credits.



EVERYTHING YOU WANT TO KNOW ABOUT HUNGARY

HUNGARIAN FOLK ART
August 16-20

Monday thru Friday 9-12 p.m.
Want to take something really different—and have fun? Sign up for this exciting introduction to Hungarian folk art through illustrated lectures. Demonstrations in Hungarian woodcarving. 1 credit.

HUNGARIAN CUISINE
Weekend Special: June 25-27

Let leading chef Louis Szathmari (*The Bakery* in Chicago) take you on an epicurean delight. Demonstrations, recipes, tasty treats. No credit.

PLUS
History of Hungarian Literature
Survey of Hungarian Literature
3 credits each

June 22-August 13
Hungarian Seminar 2 credits
June 22-August 13
History of Romania and Hungary 3 credits
June 22-August 13

PLUS
1st, 2nd, and 3rd year Hungarian
4, 4, 3 credits
June 22-August 19

COME BACK

Alumni are invited to return to campus for Summer 76 Specials, created for a maximum of flexibility. Flexibility for your interest, calendar, time and pocketbook. Select from over 100 classes which may be taken in one, two, three or four weeks. Choose from hundreds more in regular Summer Session offerings. If you enroll for 3 credits of graduate work, it costs only \$104; or you can take from 9 to 16 credits for \$324.

ALUMNI TRAVEL

VISIT ISRAEL

The Great Bridge between the Old and New
June 23-August 17

Participate in an archaeological dig! Excursions to Jericho, the Sea of Galilee and Beersheba. A week's stay in a kibbutz, lectures and classes in Jerusalem. Rabbi Joshua Stampier leads this comprehensive study tour. Only \$1,000 plus transportation. 3 credits. There's still time to sign up!

SUMMER SPECIAL ALUMNI SUMMER



BE AWARE—BIRDWATCHERS

ORNITHOLOGY

June 22-July 15
Monday thru Thursday 7:30-9:20 a.m. class
5:30-7:20 a.m. lab

Strictly for those people who really want to learn about the characteristics, origin, evolution and life histories of birds—and who, themselves, are early morning risers. Some sunrise labs will take you into the field for on-the-scene investigation. 3 credits.
Richard Forbes, associate professor of biology at PSU directs.



MODERN DANCE

Aaron Osborne, a dancer and teacher living in New York, will teach two classes in modern dance, as well as beginning and intermediate dance labs during June and July. His appearance at Portland State provides a rare opportunity to study with an artist who has performed throughout the United States and Europe as principal dancer with the Jose Limon Dance Company. He has taught in colleges and universities throughout this country, including the Woltrap Festival for the Performing Arts at American University in Washington. Modern Dance, 1 credit.
Labs, 2 credits.



TAKE AN EXOTIC LANGUAGE OF THE PAST

June 22-August 26 or 27—10 weeks

Aramaic
Akkadian
Biblical Hebrew
Latin
Phoenician
Ottoman Turkish

..... or if you prefer,
a Contemporary language

Arabic
French
Chinese
German
Japanese
Korean
Hungarian
Russian
Spanish
Italian

..... even English



DISCOVER PORTLAND

The "Portland Package" reveals where the city has been and where it's going. There are a dozen courses in all. Highlighting just three:

PORTLAND ON A PASS

August 14-21
Off campus

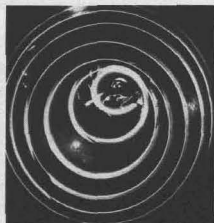
Park your car and take a bus—for seven days in the field and only one day in the class room. The field course investigates Portland's geographic anatomy to better understand the economic, social and political elements of the metropolis. Enrollment includes a Tri-Met bus pass for August. 2 credits.

HISTORIC PRESERVATION WORKSHOP

July 19-30
Monday thru Saturday 10:30-12:20 p.m.
Concentrate on history, use and rehabilitation of public monuments—government and commercial buildings—artifacts. Walking tours of downtown Portland. 3 credits.

PORTLAND ARTIFACTS/ARCHIVES

June 22-July 13
Monday thru Thursday 1:30-4:50 p.m.
Inspect and interpret the man-made environment of Portland as a living museum of history. 4 credits.



ATTENTION SCIENCE FICTION FANS

A 3-COURSE PACKAGE
For the devotee of science fiction, PSU has designed a special package including:

ENGLISH SCIENCE FICTION

June 22-August 13

Monday thru Thursday 11:30-12:20 p.m.

GERMAN SCIENCE FICTION

June 22-July 29

Monday thru Thursday 2:30-3:50 p.m.

SCIENTIFIC ASPECTS OF SCIENCE FICTION

August 2-13

Monday thru Friday 1-4:50 p.m.

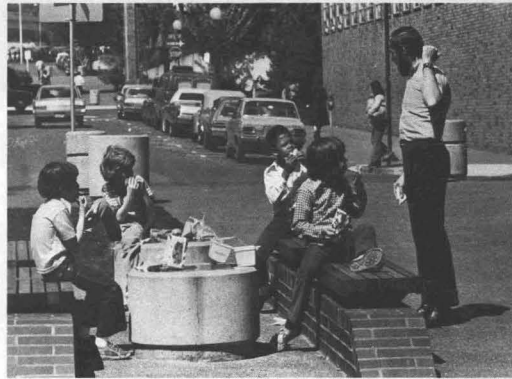
Courses may be taken separately or in combination. Participants will study selected readings from representative German and/or English science-fiction authors. Attention to elements of prophecy and prediction, fantasy and romance. Scientific Aspects will emphasize factors affecting planetary environments. 3 credits.

FOR MORE DETAILS
ON ALUMNI SUMMER SPECIALS
CALL THE ALUMNI OFFICE
229-4948
WE'LL EVEN SEND YOU A CATALOG

ESCAPE TO — CULTURES/ ENVIRONMENTS SOUTHWEST

July 8-August 5

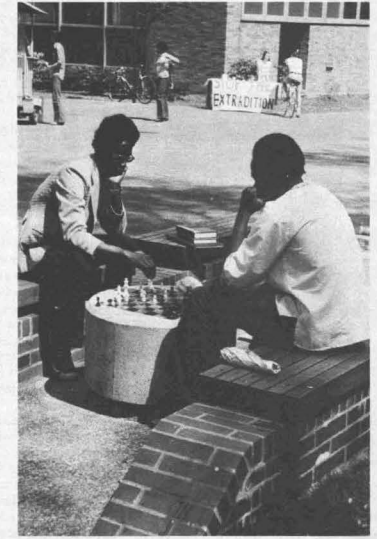
Spend four exhilarating weeks seeing and studying the cultures and environments of the Southwest in Taos, New Mexico. Camping/field trips to spectacular regions: Mesa Verde, Acoma and Zuni Pueblos, Chaco Canyon, Canyon de Chelly. Festivals, prehistoric sites, museums. Only \$723 for the total program. Up to 7 credits available in art, anthropology or biology.



Park Blocks/Spring 76



Photos by Blackwatch International/Sam Oakland



When Vying with Slugs for Vegetables

by Karen Leeds

This is the second in a series of gardening tips from Peter Chan, research technician in PSU's biology department.

Some consider it a waste of good beer but Peter Chan claims "it works every time." If you are vying with the slugs for the vegetables, offer them a can of beer.

Any size can will do. Cut one or more rectangular windows 1 inch from the bottom, turning in edges. Pour beer (any brand) wine or jelly and water, or commercial bait inside. Bury the can up to the bottom lip of the openings (see diagram.)

The slugs, attracted by the smell, "go in during the night and have a big party," says Chan. "They drink the beer. Only a few of very big ones can run away."

Add dead slugs to the compost pile, and use the beer over again. The lid protects bait from diluting rains, and protects animals from the bait. Paint cans to blend in with garden. For skeptics, set out a dish of beer overnight.

Another cause of crop failure is low percentage of seed germination. "A

lot of people have this problem," says Chan, who feels the way seeds are planted could be the cause.

Two factors influence germination: seed depth and the type of germination character.

Depth for all seeds should be three times their diameter. Seeds planted too deep take too much time and energy to reach the surface, exposing tender shoots to pathogens and pests.

Beans and pointed seeds such as melon, squash and sunflower characterize one type of germination in which the entire seed package is pushed through the soil to the surface as roots are extended downward. In contrast, the seed package of peas and other more symmetrical seeds remains in the soil with only the shoot penetrating the surface.

Haphazard planting for the first variety, particularly beans, can inhibit successful germination. Frequently, the seeds must first right themselves which increases time spent in the soil and exposure to pests. For optimum germination, beans should be planted with the scar face down or sideways. Plant pointed seeds point down. Symmetrical seeds can be planted in any direction.

Plant seeds in shallow furrows. Check their positions and cover with light covering of dirt or, preferably, peat moss. Peat moss is easy for shoots to penetrate, and easier for the gardener to investigate holes in the ranks.

Seeds may be sown in trays, peat-pots, egg cartons or newspaper tubes to list a few. The advantages of peat-pots and newspaper tubes is that they can be transplanted with the seedlings, and the containers will decompose. Newspaper tubes, devised by Chan, are made to any length or width desired. The root system of the seedling holds the dirt in the bottomless tube.

"Peat-pots are a good idea," says Chan, "but they are too expensive. With the newspaper tubes you don't spend a penny, what you spend is time and a little Elmer's glue."

Seeds can be started in the tubes or transplanted to them when about 1 inch high. At this time root zones are too small to be damaged by transplantation.

"Some people are sowing the seed too early in the house, so they get the plant too early," Chan believes. Seeds should be started three to five weeks prior to garden transplantation. For the Northwest this means starting April 1. Germination takes about 10 days. Seedlings may be transferred to tubes at

1 inch, or let mature to 3 to 4 inches, about two weeks. This leaves the last two weeks of April for the "hardening" or "training" period in a cold frame.

Transplanting seedlings directly from your home, greenhouse or heated store to the outdoors can induce

"transplantation shock" which can stunt or kill the plant. A cold frame (see diagram) functions as a training ground by gradually exposing plants to outside temperatures while protecting them from heavy rains and cold nights. Usual training period is 10 to 15 days.

Cold frames are rectangular box structures with adjustable lids. One side is usually higher to facilitate runoff, and they are floorless. They differ from hot frames or hot houses in their lack of heating.

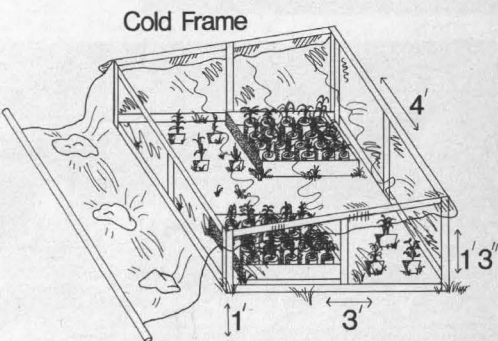
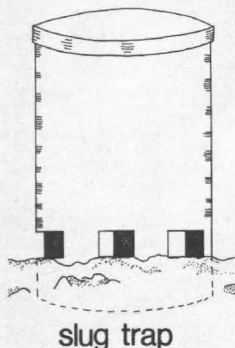
Peter Chan's 3x4-foot cold frame which holds 150 to 200 seedlings cost him less than \$5. He stapled medium-weight transparent plastic to the sides of a 1 x 2-inch redwood frame. Leftover lumber is as functional though not as long-lived as redwood or cedar. He created a roll-top cover by attaching one end of a plastic sheet to the high side of the frame and the other end to a pole. The cover overlaps several inches on each side to provide adequate ventilation. An air-tight frame contains moisture buildup which promotes pathogens. Rocks keep the cover taut in stormy weather.

The Chan frame has several advantages. The plastic sidewalls, rather than wood or aluminum used in commercial frames, allow more sun to penetrate the less expensive plastic. This increases soil temperature and extends the growing season. Seedlings also don't grow "leggy" (stringy) looking for light. The plastic cover, which is rolled up more for longer periods of time each day, doesn't catch the wind and shatter.

Occasionally, heat is desired to stimulate seed germination or seedling growth. Electric cables positioned in or on the ground are a good idea, says Chan, but expensive, and heat- and energy-wasteful. Lack of insulation permits heat to run into the ground in all directions. Peter recommends the older method of heating by compost.

Dig a 1-foot pit the length and width of the frame. Dump fresh compost or hay or grass clippings into the pit and cover with 2 to 3 inches of soil (more soil if germinating seeds.) The compost ferments, producing heat, while the soil protects seedlings from too much heat or toxicity. Composting also provides nutrients.

Cold frames vary in size and use. Placed over transplanted seedlings or delicate plants such as tomatoes, they allow earlier transplanting. In the fall, they give still-green tomatoes a few more frost-free nights.



Karen Leeds will receive her baccalaureate degree from PSU in June.

Patty Wisner is an art major at the University.

calendar

Cabarets

Cabarets, sponsored by Educational Activities, are held every Friday, 8:30 p.m., Nordic Room, basement of Smith Center. Admission is free and coffee is served.

May 28 *After the Rain*, jazz quintet

Commencement

June 13 Thomas F. Malone, director of the Holcomb Research Institute at Butler University, delivers the commencement address at 3 p.m. in Memorial Coliseum. The internationally known scientist will speak on "Between Euphoria and Despair."

Films

The PSU Film Committee presents two genre of films in May: *Women in Film*, Fridays, free, and *Musicians on Film*, Saturdays, \$1. Films show each night at 7 and 9:30 p.m., 75 Lincoln Hall.

Musicians on Film:

June 23 *Chloe in the Afternoon*, Rohmer
30 *Claire's Knee*, Rohmer
July 7 *La Collectionneuse*, Rohmer
14 *Les Creatures*, Varda
21 *Le Bonheur*, Varda

Health Service Series

May 25 Eugene Hakanson, psychologist with PSU Counseling Center, speaks on "How Are Your Communication Skills?" at 3 p.m., 11 Neuberger Hall. Admission is free.

Musical Events

Professional Brown Bag Concerts and recitals (BBC), 12 noon Tuesdays. Student BBC 12 noon Thursdays. Performances are free and open to the public, 75 Lincoln Hall.
May 27 BBC: PSU Composition class students
27, 28, 29 *PSU Dance Theater*, directed by Nancy Matschek, assisted by the *PSU Sinfonietta*, conducted by John Trudeau, Lincoln Hall Auditorium, 8 p.m., \$3 general, \$2 students and senior citizens
June 1 BBC: *Joe Dieker and Mike Anderson*, clarinets, *Ron Dubs*, bassoon, *Eric Murphy*, trumpet, *Brian Wilson*, trombone

June 3, 5, 6 Opera Production: *Così fan Tutte*, Lincoln Hall Auditorium, 8 p.m., \$3 general, \$2 students and senior citizens

Noon Concerts

The Progressive Arts Board is sponsoring a series of free noon concerts in the park blocks.

May 26 *Alan Gaylor Band*

Performing Arts Center Opening

The performing arts center is in Lincoln Hall Auditorium. All events are open to the public. Admission is \$3 general, \$2 students and senior citizens.



May 27, 28, 29 *Dance Concert Group* performs classical to contemporary ballet, directed by Nancy Matschek. The *University Sinfonietta*, conducted by John Trudeau, assists the ballet, 8 p.m.
June 3, 5, 6 Mozart's *Così fan Tutte*, John Trudeau, conductor and music director; Asher Wilson, stage director, 8 p.m. A June 6 matinee is scheduled at 2 p.m. Admission is \$3 general, \$2 students and senior citizens.

White Gallery

The White Gallery is located on the second floor of Smith Center. Hours are 7 a.m. to 10 p.m. Monday through Thursday, 7 a.m. to 7 p.m. Friday, and 9 a.m. to 5 p.m. Saturday. Admission is free.
May 24 through June 11 *Annual Student Art Show*, a representative collection from all PSU art classes.

sports

by Larry Sellers

Golf Exhibition Draws Over 3,000

The first PSU-Fred Meyer "Parade of Stars" athletic scholarship fund-raising event drew over 3,000 golf fans to watch the clinic and 18-hole exhibition by Arnold Palmer, Pat Fitzsimons, Jerry Mowlds and Dave Crowe at Riverside Country Club May 14.

Palmer signed hundreds of autographs and related to the crowd in a style which has become legend in the sports world. As for scoring, Fitzsimons won the match with a 69, followed by Palmer's 75, Mowlds' 76, and Crowe's 80.

Proceeds from the benefit will go to grants-in-aid for men and women students at Portland State.

PSU Golfer Wins Medalist Honors

Sophomore Jerry Minor won medalist honors in four of the seven tournaments in which PSU competed this spring, heading into the NorPac meet in Portland. A top round of 65 tied the Tokatke course record in the Oregon State Invitational.

The Vikings, coached by Bob Scruggs, won the Puget Sound Invitational, took second in the Oregon State, Eastern Washington, and Western Washington tournaments. They finished third in the Idaho Invitation and fifth in the Oregon Invitational.

Baseball Team Places Third in NPL

Coach Jack Dunn's team finished 26-22, 14-10 in the North Pacific League for third place, after leading the conference for the first two-thirds of the season. Shortstop Gary Donovan hit .446 in league play to finish second in the batting race with .0003. His .401 average in 46 games, 73 hits, 38 runs, six triples, and 34 rbi's were all new PSU season records. He also became the all-time Viking career leader with a .376 average and 125 hits. Gary Zagelow also set a new PSU record with 11 wins.

40 Newcomers Due at Football Camp

Coach "Mouse" Davis expects about 40 new faces when fall camp begins August 23. There will be a passel of new recruits for June Jones, the nation's leading passer, plus returning receivers Dave Stief, John Colasurdo, Byron Chambers, and fullback Gene Woodard.

Defensively, the pro scouts are excited about 6-4, 250-pound tackle Dan Bolton and two-time UPI All-Coast selection Arthur Dickson at free safety.

Some 2500 reserved season tickets have already been sold, with the \$16 six-game special expiring June 1.

to get tickets before the price change and to insure the best seat selections, call 229-4910 for reservations.

PSU finished 8-3 last season, making it the best record in school history.

Viking Club Golf Tournament Set June 25

The second annual Viking Club (sports booster group) golf tournament will be June 25 at Arrowhead course near Oregon City. Tee-off times are from noon to 3 p.m. Lots of prizes and refreshments will be available at the fund-raising event. Contact Ken Humphrey at Ford Industries if you wish to participate in the tourney.

Intercollegiate Athletics Structure Reorganized

President Joseph Blumel has announced that men's and women's athletics will be combined under one administration as of July 1, in a move designed to increase efficiency and recognize the emerging importance of women's athletics. Roy Love, director of athletics since 1972, will retain his title and assume responsibility for both men's and women's athletics. Marlene Piper, who became director of women's athletics this year, will step up to associate director of athletics with responsibility in men's and women's areas.

Campaign Starts for Seismograph

Earth Sciences students, faculty and alumni are starting a campaign to raise funds for the purchase of a seismograph which will be available for public viewing, as well as use by University students and faculty.

The seismograph is needed to replace a system which was on loan to the Earth Sciences department for the past few years and is no longer available.

"There has been great interest from both the campus community and general public about viewing earthquake activity on the seismograph," says John Allen, professor emeritus, who is coordinating the fund-raising campaign.

"Students need the system for study in general geology, seismology and geophysics classes," Dr. Allen says. "The immediate availability of seismograms of earthquake activity throughout the world is invaluable to students."

The former head of the Earth Sciences department also points out that the general public continues to make inquiry about the seismograph which was on display in the hall outside Earth Sciences in past years.

Dr. Allen and the 100 earth sciences majors and 28 graduate students who are spearheading the fund-raising effort hope to raise the \$4,650 needed for purchase of a seismograph system by fall term.

To participate in the campaign, or for more information, contact Dr. John Allen, Earth Sciences department, 229-3022.

notes

1956

CHARLES ARTHUR CLEMANS, B.S. Ed., Portland School District Intergovernmental Relations person, represents the school district in state and congressional legislation. He is also the administrator of all specially funded projects.

1959

JAMES M. JENKINS, B.S. Soc. Sci., has been named superintendent of the Gresham High School District.

1961

BEATRICE FRY DRESLER, B.S. Ed., and her husband were recently appointed to term missionary service with the Conservative Baptist Foreign Mission Society, Ill. They will work as houseparents for the Ivory Coast Academy in Ivory Coast, West Africa.

JUDITH KAY HOFER, B.S. Bus. Ad., was named vice president, general merchandise manager of Meier & Frank on May 6.

1964

ROGER D. HUGHES, B.S. Bus. Ad., who received a master's degree in 1966 from the Medill School of Journalism, Northwestern University, is night city editor of *Herald and Review*, Decatur, Ill. Previously he was editorial writer and legislative correspondent for Lindsay-Schaub Newspapers, Inc., Decatur.

J. L. BACHLEITNER, B.S. Bus. Ad., newly appointed territory manager of the Pay Line Division of International Harvester, will be responsible for the sale of Pay Line equipment in the Fresno, Calif., area.

1965

ART HONEYMAN, B.S. Hist., M.A. Eng., 1974, is a teacher's aide at John Adams High School. Honeyman, who has had cerebral palsy since birth, helps students develop their writing skills from his wheelchair.

BEV BAKER MELUM, B.S. Ed., currently a tap instructor for Portland Community College at Jefferson High Performing Arts School, also leads the McMinnville-based Gallery Players of Oregon dance program which began in January. Ms. Melum has performed in and choreographed several musicals at PSU and San Jose State. She danced with the Claydettes, a precision tap and jazz line, for 10 years, performing throughout western United States and Canada.

ROBERT R. MILLSAP, B.S. Pol. Sci., is loan officer and assistant manager at the Interstate and Going Branch of U.S. National Bank of Oregon.

Wanted: Vanport Alums

The Alumni Office is in the process of updating alumni records of individuals who attended Vanport Extension Center. If you were a student at Vanport, or have friends who were, please call the Alumni Office, 229-4948.



J. L. Bachleitner

ALTHEA PRATT, B.S. Ed., M.S. Ed., 1970, designed and established an alternative school within the public school system at Canby in 1964, and has been head teacher for 12 years. Her graduate work has been in the field of the gifted child, creativity and the learning process. Ms. Pratt is a PSU educator.

DON RICE, B.S. Bio., has taken the position of sanitarian for Jefferson County. He was supervisory sanitarian in Yamhill County for eight years.

DAVID U'REN, B.S. Bus. Ad., works as an electroplater in Portland.

1966

LARRY M. KRIBS, B.S. Math, USAF captain, has earned the Meritorious Service Medal for outstanding duty performance at King Salmon Airport, Alaska. Currently he serves as a missile combat crew commander with a unit of the Strategic Air Command, Malmstrom AFB, Mont.

WILLIAM McNAUGHT, B.A. Pol. Sci., has been appointed New York area director of the Archives of American Art, a bureau of the Smithsonian Institute.

1967

LYNN KERR, B.A. Bus. Ad., has been appointed product manager in food service market development for Heinz U.S.A. in Pittsburgh, a division of H. J. Heinz Company. Ms. Kerr joined the company in 1968. She will be responsible for existing frozen pizza varieties and development and test marketing of new varieties.

1968

C. E. "BUTCH" LINDBLAD, B.S. Bus. Ad., Portland, is northwest regional manager of BioMarine Industries.

1969

KENNETH ALAN FOOTE, B.A. Math., is the only full-time instructor for PSU Flying Club. He teaches an evening ground school at Portland State.

JANET H. MANDAVILLE, B.A. Arts and Letters, has been appointed neighborhood



Judith Kay Hofer

council coordinator for the City of Milwaukie. Neighborhood groups advise the City Council and other city agencies and committees. Previously Ms. Mandaville served as director for the Linnton Community Center in northwest Portland.

1970

JOHN J. HILZER, B.S. Gen. Studies, Arts and Letters, was admitted to the Washington State Bar in 1973. He was employed as deputy prosecuting attorney for Grant County, Ephrata, Wash., until 1976 when he accepted his current position as deputy prosecuting attorney for Clark County.

PAUL SMILOWSKI, B.S. Bus. Ad., is self-employed as a Portland insurance broker, C.V.S. Financial Planners.

1971

GUY C. EICHSTEADT, B.A. Eng., has been named district executive of the Blue Mountain Council, Boy Scouts of America, in Walla Walla, Wash. He has been employed by the Cascade Area Council, BSA, in Salem as a district executive for the past four years.

GREGORY M. HANCE, B.S. Bus. Ad., has been promoted by Underwriters Adjusting Co. of Chicago to the position of adjuster-in-charge of the Eugene office. Hance joined UAC in Portland in 1972.

DENNIS HATFIELD, B.S. Bus. Ad., works as a sales representative for J. F. Shelton, Portland.

DAVID HAUCK, B.S. Art, had his paintings and paperworks featured at Columbia Art Gallery, Hood River, during March.

JOHN OLSON, B.S. Soc. Sci., works in printing sales for Glass-Dahlstrom, Portland.

ROBERT A. PETERSON, M.B.A., was recently appointed vice president for administration and finance at the University of Oregon Health Sciences Center. Peterson served as PSU's assistant budget officer and assistant business manager during 1968-72.

1972

ELDER EUGENE ERFELDT, B.S. Bus. Ad., owns Progressive Systems in Portland. Erfeldt resides in Aloha.



Robert A. Peterson

DOUGLAS G. FOSTER, B.S. Sci., a teacher at Washington High School in Portland, has just established Lee Miles Transmission, Inc., 16th and E. Burnside. He and his wife, Jo Ann, are a driver-navigator combination competing in the SCCA Pro Rallye Series across the nation.

CLEMENT E. CAHALL, B.S. Bus. Ad., is a partner in the Portland firm of Adams, Cahall & Co., C.P.A.

RICHARD CREMER, B.S. Pol. Sci., began work in March as Douglas County assistant public defender. Cremer served as a law clerk to Multnomah County Circuit Judge Phillip Roth before taking the Roseburg position.

DONALD J. DAVEY, M.B.A., has been selected as energy conservation officer for the Bonneville Power Administration. Davey, who joined BPA in 1964 as an electrical engineer, has served as acting energy conservation officer since September 1975.

CRAIG DONALDSON, B.S. Soc., is a staff counselor for Prevention-Rehabilitation Council (Prehab) of Clark County, Wash. Prehab works with young offenders, helping them to continue with school or maintain their jobs.

MICHAEL L. DOWNING, B.S. Bus. Ad., works as an administrative assistant for NEWS Realtors in Portland.

SEAN O'HALLORAN, B.S. Econ., B.S. Soc., has been appointed Yamhill County deputy district attorney.

RICHARD W. SIEFKE, M.S.W., USAF captain, was cited for meritorious service at the USAF hospital, Robins AFB, Ga., where he was a psychiatric social officer. Siefke is now assigned to Travis AFB, Calif., with the David Grant USAF Medical Center.

Kappa Sigma Alumni

David Edlefsen, alumni secretary, requests that Kappa Sigma alumni send their names, addresses and phone numbers to the Theta Epsilon chapter house, 1500 S.W. Harrison St., Portland, Ore. 97201. He needs current information to update the caducous and house newsletter lists.

1973

ALLEN H. ADAMS, B.S. Bus. Ad., Portland resident, is a public accountant for Adams, Cahall & Co., C.P.A.

HARRY M. CHASE, B.S. Bus. Ad., who joined the Raleigh Hills Branch of U.S. National Bank of Oregon in 1973 as management trainee, has been named operations officer at the SW Third and Salmon branch.

DENNIS F. DURFEE, B.A. Soc. Sci., works as supervisor of the Portland based Servicemaster Building Service, a janitorial service.

GORDON HILLESAND, B.A. Bus. Ad., is employed by Wagner Mining Equipment Co., Portland, as a parts service representative.

DAVID B. MacFARLAND, B.S. Pol. Sci., a territory sales manager in Boise, Idaho, for Johnson & Johnson's Health Care Division, has been honored for outstanding sales achievements.

THOMAS K. REILLY, B.S. Earth Sci., is a geologist with the Alaska District, Corps of Engineers, Anchorage.

STEVEN P. TUBBS, B.S. Bus. Ad., has been named general manager of Pacific Molasses' Berger & Plate Division Grass Seed Processing Plant in Harrisburg.

1974

FRANCISCO LIMA ASSIS, B.S. Bus. Ad., has entered the American Graduate School of International Management, Ariz.

DENNIS DERBY, B.S. Bus. Ad., has left the position of manager of the Seaside Civic and Convention Center at Seaside for a similar position in Tacoma, Wash. He will be manager of the Tacoma Bicentennial Pavilion, scheduled to be completed in June.

PATRICK F. DONALDSON, B.S. Ad. of Justice, new director of security at Emanuel Hospital, Portland, will work with hospital personnel and community and law enforcement agencies.

JO ELLYN HINDS, B.S. Arts and Letters, exhibited a select group of her paintings at the University of Portland Library Gallery during Feb. Ms. Hinds works in all media of art.

RAY WAHLERT, B.S. Econ., has joined his father in his seed firm, Bill Wahlert Seeds, Inc., Nyssa.

1975

DAVID R. LARSON, B.S. Bus. Ad., is an accountant with the Portland firm of Adams, Cahall & Co., C.P.A.

GAIL S. WORDEN, B.S. Phys. Ed., is working in the sales department of Sears, Portland.

In Memoriam

HELEN E. DUNIS, a faculty member of Portland State and Oregon State universities, died of leukemia. January 5, 1976 in a Portland hospital. She received a B.S. in elementary education in 1967, and a master's degree in education in 1970 from Portland State. She was a past board member of the Jewish Community Center.



Frank Kuo

Foundation Trustee Observes Changing Taiwan

American influence is seen in everything from wedgies to eight-lane highways, reports Dr. Sam B. Liu, about his recent trip to Taiwan as a member of the 10th World Trade Delegation.

Dr. Liu, currently serving his second term on the PSU Foundation Board of Directors, is in private medical practice in Portland. He is a member of Physicians and Surgeons Hospital Board of Governors and is vice president of Meridian Park Hospital Board of Trustees.

Dr. Liu and his wife, Betty, last visited Taiwan nine years ago. In the intervening years, Taipei has grown from "a sleepy town of rickshaws and dirty streets to a large cosmopolitan city teeming with tourists," said the Portland physician. Taipei streets are now heavy with traffic. A subway system serves the capital city of almost 2 million. Rickshaws have all but disappeared.

The old-fashioned clothing worn by urban women nearly a decade ago has given way to modern Western dress, although not necessarily high fashion by American standards, observed Dr. Liu.

A tremendous change in economic growth has occurred in Taiwan since 1967, Dr. Liu said. Most notable industrial expansion is seen in the areas of nuclear research, plywood and ceramics.

"The salt factory impressed me more than anything, though," said Dr. Liu. Great strides are being made by the

Taiwanese in extracting salt from sea water.

Factories stretch along the new eight-lane freeway running the length of the island. Taichung, a new port constructed in central Taiwan and connected to the sea by a vast network of jetties, is equipped to handle 100,000 to 200,000 ton ships.

Dr. Liu thinks that Taiwan will be completely industrialized in 10 years, much like Japan. He notes that Taiwan already has the highest standard of living in East Asia next to Japan. People are well fed. Taiwan goods are cheaper than in Hong Kong, with 80 per cent of Taipei homes equipped with television, dishwashers and other electrical appliances.

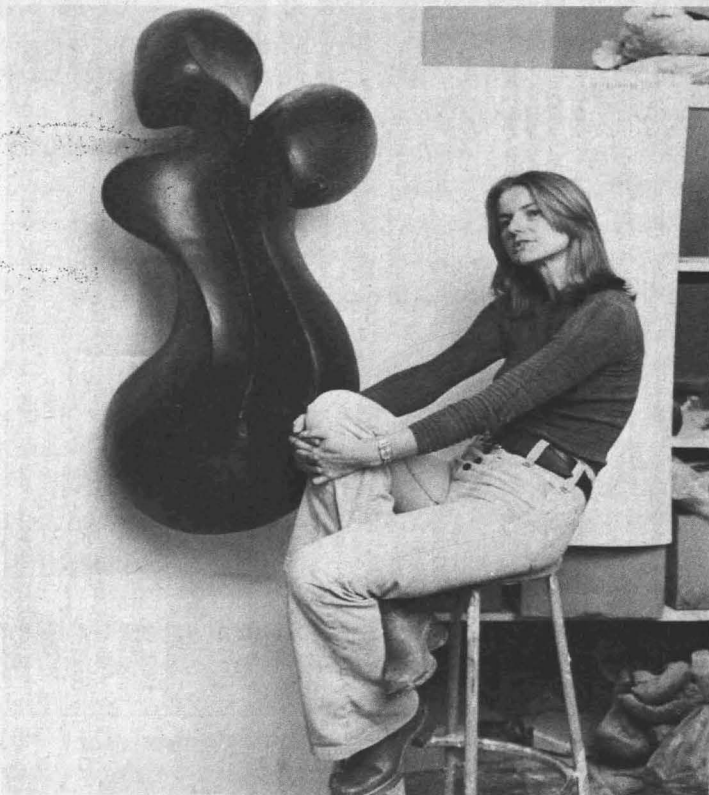
Motorcycles are used throughout the island as many families' chief mode of transportation. Special side lanes are constructed on main highways for exclusive use of cyclists.

Dr. Liu said that the Portland Chinese community supports Taiwan. Most of its members' ancestors were Nationalists. "No one openly sympathizes with the communists," Dr. Liu said. He believes that the eventual solution for unification of Taiwan and the mainland will be solved by the younger generation which will forget the political reasons for separation.

Dr. Liu very much doubts that the People's Republic would take over Taiwan. "Taiwan is very much like Hong Kong," Dr. Liu added, "with an open door policy that the communists do not want to interrupt."



Snyder Snyder, B.A. Art, 1973, and her husband, Joe, hold a joint contract with the fine arts department at Oregon Episcopal School, Portland, where they share the podium in art history class. Jane also teaches weaving, two-dimensional design, painting and calligraphy.



Evelyn Franz, who will receive her Master of Fine Arts degree in June, prefers to work on three-dimensional wall sculptures like the one pictured in her Shattuck basement studio. It will be displayed with other resin and bronze pieces in her show opening May 26 in the Portland State art department gallery. Her works have been exhibited at the Portland Art Museum, PSU faculty show, Corvallis Valley Art Association, and the Bush Barn in Salem. Ms. Franz came to Portland from Berlin, Germany, nine years ago. She received her BA in foreign languages from PSU in 1972.

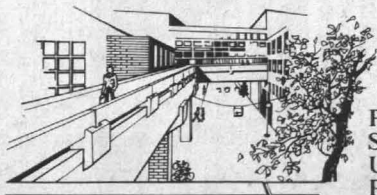
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