Portland State Magazine

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Millar Library: poised for the future
n recent months, events and incidents on campus and in the Portland community have challenged us to address the issues of bigotry and discrimination directly. In response to concerns expressed by faculty, staff, students, and community leaders, we have issued a Statement of Unity that will serve as a starting point for creating a supportive university environment for everyone.

Portland State University supports the right of all people to learn and live safely and without fear. We will respond forthrightly to any event on campus that promotes or results in discrimination, hatred or violence against any person on the basis of race, religion, national origin, age, gender, ability or sexual orientation. We value diversity and reaffirm the common humanity of all people and the intrinsic value of every individual.

Every campus is struggling with issues of diversity today. Our society looks to its educational institutions to prepare people for a world where men and women of all backgrounds and races may live and work together in harmony. But the tensions and frustrations of an increasingly complex world play out dramatically inside as well as outside our university campuses.

Universities grow in stages, just as individuals do. Initially, we tend to be oblivious to the many ways that people consciously or unconsciously discriminate against others. Then, incidents such as the painting of a swastika on a campus building or the anonymous distribution of flyers or pamphlets that carry homophobic or anti-Semitic messages, heighten our awareness of the pernicious nature of discrimination. These incidents have become common on all university campuses.

What can we do about things like this? The best answer is to go about the task of quietly and calmly promoting campus diversity. At PSU, we have done much in the last year to advance diversity and encourage a new vision of campus community.

In 1990-91, we increased financial support for minority students to $3,944,414, up 10.8 percent over the previous year, thanks in part to the establishment of a state tuition and fee waiver program for minority students. This program is supporting 194 freshmen and upper classmen at PSU. In fact, our total enrollment of minority students at the University has seen a steady increase during the last five years, from 9.85 percent to a high point of 12.34 percent this fall.

To focus our efforts in promoting diversity on campus and in creating a supportive environment for minority faculty, staff, and students we created the position of Director of Diversity and Multicultural Affairs and appointed Dr. Catherine Collier to the position. Among her first assignments is the design of a Multicultural Center that will cluster programs, activities, and services that support diversity on campus.

We also are placing more emphasis on pre-college programs which support and encourage students from under-represented groups to attend colleges and universities. Naturally, we hope many of these students will choose to come to Portland State.

One program, Project PLUS (Preparing and Learning for University Study), is funded by a major grant from the U.S. Department of Education. It is designed to help low-income, first generation students in grades 6-12 graduate from high school and enroll in postsecondary institutions. The program is beginning at Portland's Cleveland High School and at Sellwood and Hosford middle schools. By the third year it will involve about 1,200 students, including some in the Hillsboro School District.

At Portland State, we want to turn words into actions. In practical, everyday ways, we are trying to attract a diverse group of faculty, staff, and students to the University, and we want everyone to be successful once they come here.

We continue to seek women and minority faculty, particularly in departments where they remain under-represented. Despite our loss of faculty positions and the need to freeze most recruitment activities in the wake of Measure 5, we still managed to hire six additional minority and women faculty members this past year.

Activities which concentrate on serving students, faculty, and staff, will create the kind of campus environment we want better than any policies or statements could.

We have a long way to go, but at Portland State we are committed to creating a model of a true academic community that incorporates the talents and perspectives of everyone. This isn't easy, but we will keep working on it, until we get it right.

Judith A. Ramaley
President
FEATURES

Islands of Complexity
Natural beauty juxtaposed to economic and political concerns, make Palau a fascinating place to study.

Oregon in 2100
Is paving of the entire Willamette Valley, from Portland to Eugene, in our future?

Mastering Math
Professor Mildred Bennett has always gone out of her way to make math easy to understand.

The Price of Wealth
A PSU alumnus specializes in helping Portland’s rich find ways to live peacefully with their wealth.

DEPARTMENTS

Around the Park Blocks
Cityscape
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**Library to network region**

Formal dedication on Nov. 3 of the five-story, $11 million addition to the Branford P. Millar Library (pictured on this issue's cover), offered a glimpse into the electronically linked libraries of the future.

The dedication celebrated more than the completion of the long-awaited expansion. It coincided with a commitment by state government, the State System of Higher Education, and a consortium of academic libraries throughout the Portland metropolitan area to form a Portland Area Library Network.

The Millar Library will become the hub of this regional network, providing members immediate access to regional, national, and international information networks. The State Legislature appropriated $1 million to create the Portland Area Library Network and an additional $500,000 to help the state's regional colleges acquire the technology necessary to access the network.

**About the magazine**

This issue of PSU Magazine includes something new: paid advertising. We hope that advertising income will help with the costs of producing three issues each year, as well as the rising costs of mailing the magazine to our 50,000 readers.

You can help our efforts to cut costs. In the spring issue of PSU Magazine we will include a readership survey. Tell us what you think of the magazine—our content, design, and advertising. We'll be looking forward to your responses.

In this issue you will also find Portland State University 1990-91, A Year of Achievement. This report recognizes the 6,000 PSU Foundation donors whose contributions are critical to Portland State's future. By including the report in the magazine, we are saving the cost of a separate mailing.

We hope to continue improving PSU Magazine with your help. Thanks for your readership.

—Kathryn Kirkland, editor

**Video program a winner**

The PSU Statewide MBA Program was declared the most outstanding credit program in the Northwest region by the National University Continuing Education Association (NUCEA). Katherine Novy, director of the PSU program, accepted the award Oct. 11 at NUCEA's annual conference held at UC-Berkeley.

The Statewide MBA Program, which began in fall 1988, is the first off-campus, advanced degree program offered on videotape in Oregon. It has 12 participating sites statewide and one in southwestern Washington. Enrollment is 60. Twice a week the MBA course at PSU is videotaped, and tapes and course materials are delivered weekly to participating sites.

"Better than 50 percent of the first class graduated this summer, and with a 3.4 grade point average," said Novy. "More than 20 percent of the students were elected to Beta Gamma Sigma (the highest National Honor Society for students in business and management), and 10 percent of our students are Business Scholars, with a cumulative GPA of 3.8."

**Faculty receive awards**

During fall term four faculty members were presented with Burlington Northern Faculty Achievement Awards for excellence in teaching.

Honored were Larry Bowlden, associate professor of philosophy and a member of the faculty since 1968; David Johnson, professor of history, 1979; Earl Molander, professor of business administration and director of the Soviet and East European Business Administration (SEEBA) Center, 1975; and Marjorie Terdal, associate professor of linguistics, 1977.

The Burlington Northern Awards recognize quality classroom teaching, high scholarly standards, and significant student impact. They carry a $1,500 cash stipend. Nominations were made by fellow faculty, professionals in the field, students, and former students.

The network, which will include the latest computer and telecommunications technology, will be coordinated from an office in the Millar Library.

The addition to the Library has increased usable space by 72,000 square feet, nearly doubling the size of the original building which opened in 1968. Designed by the architectural firm of Skidmore, Owings & Merrill, the building's curved glass wall faces a century-old copper beech tree.

**Design for independence**

Economics Professor Thomas Palm was in Estonia during August and September, as the Soviet Union formally restored the tiny Baltic republic's independence.

Palm, a native Estonian, was an invited consultant to Estonian Prime Minister Edgar Savisaar. He participated in the design of the government's 3 x 3 economic policy document, which is intended to make the independence process irreversible and bring Estonia out of its economic chaos in the next three years.

"My timing was right," said Palm. "I entered an occupied country and by the time I left its independence had been restored."

Palm, who also serves as economics adviser to the Congress of Estonia, returned to Estonia on Oct. 18 to receive an honorary doctorate from Tallinn Technical University. The award recognizes his work during the past two years promoting economic and educational reforms for the country.

During his many visits to Estonia, Palm has lectured at the postgraduate Estonian Management Institute (EMI), the Estonian Business School, the Estonian League of Engineers, and consulted with the Ministries of Education and Economics. He has initiated ministerial-level discussion on the future development of Estonian oil shale and phosphorate deposits.

Palm and PSU Economics Professor Abdul Qayum recently wrote a four-volume text on managerial economics with EMI.
Vergil Miller dies

Vergil V. Miller, former dean of the School of Business Administration, died Oct. 8 in his home after an extended illness. He was 61.

"Verg Miller will be remembered for his commitment to education and to students," said Associate Dean Ed Grubb. "He was an energizing force that brought the School and the business community together in a growing, mutually beneficial relationship."

A tribute dinner was held in Miller's honor on Oct. 16. He had hoped to attend the event, which celebrated his many accomplishments as dean of the School of Business Administration. He became dean in September 1983.

A professorship established in Vergil V. Miller's name through the PSU Foundation, has already received $120,000 towards its $300,000 goal. For more information on the Vergil V. Miller Professorship call the PSU Foundation at 725-4911.

Funding state athletics

The Oregon State Board of Higher Education has approved a plan to address the $6.3 million athletic funding deficit at Portland State University, Oregon State University, and the University of Oregon.

The board appointed a task force to seek alternative funding strategies for intercollegiate athletics at the three schools, and it acknowledged that ongoing financial obligations must be met.

Currently proceeds from football and men's basketball fund unprofitable sports, which must be funded under NCAA membership rules and Title IX federal law. Oregon is one of the few states that denies state money for university athletics, but it does support sports at the regional colleges.

"In 1981, the state board decided to finance its university programs of intercollegiate athletics without using any state dollars. That strategy has not worked, as is evidenced by the $6.3 million accumulated deficit," said board President George Richardson Jr. '75.

The board set aside an earlier proposal to use institutional funds to support athletics, which drew opposition from faculty, student groups, and Gov. Barbara Roberts. However, the board did reaffirm the present policy that intercollegiate athletics are integral to the educational experience and agreed to continue PAC-10 affiliation at Oregon and Oregon State.

Until alternative funding sources are found, ongoing financial obligations must be met, Richardson said. "We will use whatever funds are available to us to cover our current costs," he said.

Richardson said he expects the task force to begin its study in January and report back to the board in April 1992.

Cancer study continues

The ongoing PSU study of the cancer death rate of World War II soldiers exposed to radiation at the Hanford Nuclear Reservation (PSU Magazine, Winter 1991) is receiving additional federal support.

Congress has authorized $50,000 for completion of data-gathering for the study. The money comes from a $210,000 appropriation made to the Department of Veterans Affairs' 1992 budget. Sen. Mark Hatfield and Rep. Les AuCoin were instrumental in getting the money, according to Wally Cummins, PSU adjunct research associate working on the project.

The study offers the first opportunity to compare the cancer mortality rate of veterans exposed to radiation releases at the Hanford Reservation from 1943 to 1962 with a control group of unexposed veterans at Ft. Lewis. Veterans Affairs will make death certificates available for the estimated 23,000 veterans who served at Hanford and for veterans at Ft. Lewis.

Conducting the study with Cummins are principal investigator Alice Stewart, PSU visiting professor, and Rudi Nussbaum, PSU emeritus professor of physics.

"Last Hurrah" for HHP

The School of Health and Human Performance (HHP) will throw "The Last Hurrah," a dinner celebration of the school's many years of service on Saturday evening, May 30. The School of HHP is scheduled to close July 1, 1992. For more information about the event call the school at 725-4401.
Reorganizing under way for PSU administration

Better service to students, faculty, and the community while operating within a limited budget is the ambitious goal of a new reorganization plan for administrative operations at Portland State.

The University began implementing the plan which was completed in November. The biggest change is a merging of the Student Affairs and Academic Affairs offices. This new structure will integrate programming dissolved as needed, will recommend actions and also be responsible for implementing their recommendations.

One key feature of the reorganization will allow the University to respond to new administrative needs without adding new positions. Ad hoc management teams will be assigned to some critical functions using the principles of quality management. These teams, which can be created or dissolved as needed, will recommend actions and also be responsible for implementing their recommendations.

Some examples of the first management teams are: Human Resources Design and Implementation, University Information and Scheduling, and Technology Enhancement.

The administrative reorganization is part of a process begun in October 1990, when the University began a two-year effort to develop and implement a comprehensive strategic plan. The first phase of the strategic plan and a new mission statement have been completed for the University.

The reorganization plan was created by a team of faculty and administrators using a study designed and facilitated by Introspect Inc., a national consulting firm. The plan did not involve academic programs.

Music royally honored

Salvador Brotons, assistant professor of music and director of the PSU Symphony Orchestra, has been awarded the IX "Queen Sofia" Musical Composition Prize in his native Spain for his orchestral piece Virtus opus 53. This prize is the most prestigious musical award in his country.

Virtus, originally composed by Brotons for the Northwest Chamber Players (flute, violin, viola, cello, and piano), premiered last May in Portland. The 32-year-old composer went on to create an additional orchestral version which won the "Queen Sofia."

"It was worth the effort!" said Brotons.

The date of the ceremony is not yet set, but Brotons expects to be called to Spain in February or March 1992, at which time he will meet Queen Sophia and receive the award during a special presentation. The award includes 1,500,000 pesetas (approximately $15,000), the premiere of the piece by the RTVC (Spanish Radio/TV) orchestra in Madrid, plus the publication, recording, and distribution of the piece.

Brotons teaches orchestra, counterpoint, music history, symphonic literature, and opera literature at Portland State. He often teaches in Spain during the summer and delivers clinics in conducting and composing in the United States and in Europe.

Learn to survive the cold

When climbing, hunting or skiing, how do you protect yourself if you end up lost and cold? Nationally known hypothermia experts will be on campus Saturday, Feb. 29, to teach comfort and survival techniques during the all-day conference "Cold Weather Survival."

Panelists for the 8:15 a.m. to 5 p.m. conference include, Jim Bagjen, M.D., an astronaut with research and practical experience in cold water immersion; Cameron Bangs, M.D., an internist with extensive experience in the treatment of hypothermia and co-author of one of the first textbooks on the subject; and Murray Hamlet, director of Cold Research Division for the U.S. Army Research Institute on Environmental Medicine in Natick, Mass.

Cost for the conference is $25 and interested persons may register through the PSU School of Extended Studies, 725-4832. Cold Weather Survival is co-sponsored by Willamette Falls Hospital, Emanuel Hospital and Health Center, and PSU.

Earth Summit meeting

The Earth Summit taking place June 1992 in Rio de Janeiro, Brazil, is expected to be the largest gathering in the history of the world. Formally known as the United Nations Conference on Environment and Development (UNCED), the global event will seek solutions to some of the most critical environmental and development issues facing our planet.

In preparation for the international event, a regional network of organizations is sponsoring an "Earth Summit Town Meeting Hearing" on Feb. 15, 9 a.m. to 4:30 p.m. in Lincoln Hall Auditorium. Discussion from this meeting will contribute to the final UNCED Preparatory Committee meeting in New York, and is expected to help formulate policies and projects at the local level.

The regional meeting is co-sponsored by the PSU International Studies Program, Women's Studies, and Campus Ministry. For more information contact Janice Pearson of the Campus Ministry at 226-7807.
Architecture education could come to PSU

Portland State and University of Oregon are exploring the possibility of offering a joint architectural degree program on the PSU campus.

Planning for an accredited program is in the beginning stages. Details of the program, funding sources, and state approval will take a year or more.

The Oregon State System of Higher Education has expressed a commitment to delivering professional, accredited architecture education in Portland. The city is one of only two or three major urban areas in the United States that does not have an accredited architectural degree program. The Oregon School of Architecture and Design in Portland recently closed due to financial problems and lack of accreditation.

The schools have already eliminated the possibility of relocating UO’s existing degree program or having PSU create its own accredited program. Development of architecture education in Portland will be a interinstitutional agreement.

Working with industry to improve software quality

The new Center for Software Quality Research (CSQR) on campus is helping Northwest companies to cost-effectively develop high-quality software.

Established in January 1991, the CSQR is matching University research to the research and technology needs of companies. Warren Harrison, associate professor of computer science, serves as director, and faculty from the department staff the center.

CSQR’s founding corporate members are Tektronix, Mentor Graphics Corp., and Sequent Computer System Systems. In return for a $10,000 annual fee, the companies receive access to CSQR researchers in an advisory capacity, and have access to the center’s technical and software libraries, a bibliography service, periodic white paper summaries of worldwide research, prepublication distribution of all CSQR technical reports, and an initiation to an annual technical interchange symposium.

Currently, Portland State provides some support for the CSQR, but Harrison expects the center to be self-supporting within three years, with all funding coming from membership dues and grants.

Exploring the universe

This year’s Science, Technology and Society Lecture Series, continues with insightful and controversial views of the universe. Co-sponsored by Portland State, the lecture series features celebrated authors from both academic and popular circles.

Ilya Prigogine, a Nobel Prize winning chemist and systems scientist, will discuss “The Time Paradox” on Friday, March 6. He is the central intellectual figure of the emerging living systems paradigm, which is replacing the mechanical world view.

On April 10, John Polkinghorne, a mathematical physics scientist and Anglican priest, will discuss “The Friendship of Science and Religion.” And Lynn Margulis, a botanist from University of Massachusetts, will discuss “The Gaia Theory: The Earth as Living Organism” on May 1.

All lectures take place at 7:30 p.m. in Portland’s Arlene Schnitzer Concert Hall. Tickets are available from FASTIXX outlets, 224-8499, and from Portland Center for the Performing Arts, 248-4496. The 1991-92 Science, Technology and Society Lectures are presented by the Institute for Science, Engineering and Public Policy.

Business by computer

Information on 100,000 Oregon businesses is just a phone call away for online computer users, thanks to a new Oregon Business Electronic Database created by the International Trade Institute (ITI) of Portland State.

Beginning Nov. 1, registered users have been able to gain basic information on the 100,000 entries such as business name, mailing address, and standard industry classification (SIC) code, which tells what product or service the company markets. More importantly, users can select and sort the database by information categories and create specialized lists.

The Oregon Business Electronic Database is the most complete business database now available in the state. “It’s essential to have information about the characteristics of the international economy in Oregon if we’re going to take advantage of international business opportunities,” said Gil Latz, executive director of ITI.

To access the information, users must be registered through ITI and pay a one-year user fee of $55 and an initial setup fee of $10. Any type of computer equipped with a modem and communications software can reach the database 24 hours a day, seven days a week.

ITI has also developed an electronic bulletin board for international trade leads, notices for trade-related events, and a directory of state and federal trade agencies located in Portland’s World Trade Center where ITI has its offices. The bulletin board is available to modem-equipped computer users free of charge.

New social work Ph.D.

Problems of urban communities will be the focus of a new Ph.D. in social work and social research. Students will be admitted to the new program beginning fall 1992.

Offered through the PSU Graduate School of Social Work, the new Ph.D. received funding from the State Legislative for improving higher education in the Portland metropolitan area.

Students in the two-year program will study social urban problems, including policy issues involved, actual interventions needed, and possibly a model for testing their research. Professor Joan Shireman is director of the degree program. For more information contact the Graduate School of Social Work at 725-4712.
Islands of Complexity

At the far western end of Micronesia, in the middle of an immense Pacific triangle formed by places named Yap, Mindanao, and Halmahera, lies the Republic of Palau. On a map, the 350 islands of Palau show as only a few dots, a remote place with an obscure history.

But Dick Dewey finds it fascinating. Dewey is Summer Session program director for PSU’s School of Extended Studies. He will be sharing his interest of this tropical community by leading three 10-day field trips there later this year.

Dewey, who is also an instructor in PSU’s Geography Department, brings 20 years of environmental experience to the University. He was with the Palau, a huge archipelago, has people inhabiting only 10 of its 350 islands.
Peace Corps in Ethiopia, served as director of Fish and Wildlife for the Virgin Islands, and has helped manage endangered species preserves in Hawaii and the western United States for The Nature Conservancy.

As a wildlife biologist, Dewey speaks excitedly about Palau's natural splendor. "It has a scenic beauty and variety that's unmatched by other tropical islands," he says. "It has the greatest diversity of coral reef fish in the world."

But Dewey has found any study of Palau is not complete without an understanding of the islands' troubled and violent history. It has the unfortunate luck to be in a strategic place in the Pacific, and since the 1700s the British, Spanish, Germans, Japanese, and Americans have all sought dominion over the remote republic.

The latest episode played out in 1944, when more than 2,000 Americans and 11,000 Japanese died there in one of the bloodiest and least-known of the Pacific island battles. Iwo Jima, Saipan, and even Tarawa were household words during World War II, while the battle on Palau's Peleliu Island got lost on the back pages.

Not all of the battles of Palau have been fought with bullets. Political, economic, and environmental clashes have left Palau pockmarked, say Dewey. But surprisingly, the islands remain relatively unscathed today. Palau is, in fact, a living laboratory for those who wish to study the struggle among people, as well as between people and nature.

Naturalists know of Palau, if few others do. Its treasures include huge sea turtles, rare crocodiles, and giant clams measuring up to four feet wide. To date, 800 species of coral reef fish have been identified, and 700 more are expected to be discovered. Of 50 resident bird species, eight are found nowhere else in the world.

Three different nutrient-carrying currents merge near Palau, providing the richest marine life in Micronesia. It's no surprise that the World Diving Association ranks Palau as the top diving site in the world. Japanese and Australian divers flock to the islands, yet Palau remains relatively unknown to most Americans.

We talked with people who helped write the Palauan constitution. It was like going back and talking with Jefferson or Madison.

In fact, aside from two hotels on Koror Island, Palau is undeveloped for tourism. And although there's growing pressure to develop a tourism industry which would help bring economic stability to the islands, Palau's rules governing land ownership make such development difficult.

In Palau's matrilineal society, women own and divide land which family clans inherit. "To this day you can't buy property there," says Dewey. "Very little can happen under the present structure. The concept of individually owned properties with boundaries does not exist."

But Dewey and others expect that pressure to develop the islands will only increase. Already there are dozens of lawsuits among Palauans over what Dewey says have been attempts by some Palauans to sell land they don't own to foreign interests.

Tourism could be Palau's salvation—or quick demise. Dewey points to the disastrous effects that beach development has caused on coral reefs around Guam, Hawaii, and the Virgin Islands. If development on Palau occurs, it must have strict safeguards to prevent silt from running off into the surrounding waters. "A small amount of silt runoff would destroy the reefs," Dewey says.

A bigger, more immediate threat is an oil spill from tankers which regularly visit Palau to fuel a large power plant. No safeguards are in place to stop a large spill. Says Dewey, "The currents are such that if the tide was right, a spill could destroy the entire reef."

Dewey likes to compare Palau to the Virgin Islands before they were developed in the 1950s and 1960s. Palau attracts 20,000 tourists a year, the same number as the Virgin Islands once lured. Today, 1.5 million people visit the Virgin Islands annually.

Dewey thinks Palau could develop tourism successfully and preserve its natural wonders. He notes that the ecologically fragile Galapagos Islands has managed to protect its environment and remain accessible to tourists. Specially trained guides are required for visits to sensitive sites.

Dewey's field classes allow participants to see Palau's beauty up close through boat trips, snorkeling expeditions, and visits to historic sites, the trips go far beyond sightseeing. An integral part of the classes involve face-to-face discussions with Palau's government and non-government officials. Participants come away with a multi-sided appreciation for the area's complex problems.

"It was incredibly exciting to meet people who made decisions," recalls Stuart Grover, who visited Palau last June on one of Dewey's field trips. "We
Dick Dewey stands before a bombed-out Japanese headquarters building on Pelelui island.

talked with people who helped write the Palauan constitution. It was like going back and talking with Jefferson or Madison.

A special feature of Dewey's trips is the presence of two Palauan students, who serve not only as guides but act as door-openers to key Palauan officials.

Says Grover, "Because Palau's is a government in miniature, you can meet virtually all the decision makers. The Palauan students on our trip were there as colleagues, not as native guides paid by the government to tell us only what the government wanted us to hear."

This decidedly "non-tourist" approach is what makes the field trips valuable, says Sherwin Davidson, dean of the School of Extended Studies. "Dick Dewey is a person who's simultaneously excited about putting people in the environment itself, while making them think and learn about the environment in a new way," Davidson says. "This kind of trip provides the nucleus for a real interdisciplinary approach to learning. Biology, political science, sociology, law, and economics are involved as well as geography."

For participants meeting one-to-one with Palauan officials, there are plenty of questions to ask, and, fortunately for the environment, still time to ask them. For instance, while Palau has had wildlife protection laws on the books for several decades, only recently have they been enforced. The poaching of crocodiles, dugongs (sea cows), and sea snakes have become such a serious problem, that the U.S. Department of Fish and Wildlife and The Nature Conservancy have joined the Palauan government in strengthening environmental protection laws.

The Nature Conservancy has its Micronesia headquarters at Palau, and the organization is beginning a detailed ecological inventory of the island's diverse plant and animal life.

Dewey says no one will ever know the full impact of DDT spraying on Peleliu Island during World War II because no thorough ecological inventories were taken before the war. He notes that only Peleliu Island was sprayed with DDT. The island's thick rain forest—sprayed with napalm and leveled by bombs nearly 50 years ago—have sprouted back and the island "has recovered for the most part," according to Dewey. He has scores of photos showing scenes "then" and "now," proving his point.

But Palauan culture sometimes clashes with environmental concerns, as field-trip participants discovered.

Take for example, the unresolved crisis facing the hawksbill turtle. "It's one thing to say that the hawksbill turtle is on the U.S. endangered species list and should not be harvested in Palau," says Grover. "But then you go to these (Palauan) people, who have been harvesting them for years. The turtle shells are the basis for women's money. In the Palauan culture, the money is needed for women to get married. How do you tell these people that after 200 years they can't continue harvesting?" Grover asks.

Recent rulings will allow Palauans to harvest enough turtles to continue past cultural practices, Dewey says. However, the sale of turtle shell jewelry to tourists will be prohibited.
This Bai, a traditional men’s house, is the only one that survived the war. Its front is covered with cultural art depicting Palauan myths and stories.

Such complex clashes of culture and environment abound in Palau. The republic’s economic and political uncertainties point to a dim future. There is not enough money to maintain roads, schools, and other necessities of a developing culture—especially one that wants to promote tourism. The problem is exacerbated by Palau’s dependence on U.S. money and its strained relations with the U.S. Department of Defense after its refusal to allow a military base on the islands for storage of nuclear materials.

Will Palau remain dependent on others? Will it alter thousands of years of past cultural practices to allow development and more independence? Will it destroy its natural treasures? Perhaps the future lies in the strength of Palau’s matrilinear society, Dewey suggests.

Some, such as Stuart Grover, are struck by the many contradictions. “There’s the overwhelming natural beauty, and there’s the feeling that this is mankind’s last chance to save something so valuable,” says Grover. “Unless decisions are made very quickly, people in 50 or 75 years may not have a chance to enjoy it.”

(Brian White is a Portland free-lance writer.)

Field trip information

Dick Dewey is leading three 10-day field trips to Palau on Feb. 18-27, June 18-27, and June 28-July 7. Up to 22 people may enroll for each session. Total cost is approximately $2,850 and includes air fare, hotel accommodations, most meals and fees, and tuition. Reservations are taken on a first-come, first-served basis, and a $200 refundable deposit is required. For more information contact the PSU School of Extended Studies at 725-4081.

Palau endures despite a history of domination

Any modern-day visitor to Palau must have at least a brief grasp of its checkered history.

✦ Palau barely endured early colonizing efforts by the British and Spanish. During the century between 1780 and 1880, about 90 percent of its 40,000 people perished from influenza and dysentery epidemics brought by colonizers.

✦ Germans took control from the Spanish in 1899, lured by the islands’ phosphate deposits and copra (coconut meat).

✦ German control lasted only 15 years, as the Japanese seized the islands. Bauxite and phosphate mines, pineapple plantations, and rice fields flourished as the Japanese exploited natural riches for their homeland needs. The Japanese also exploited the Palauans, pressing them into a subservient existence. During this period the Palauan city of Koror became the capital of Micronesia. The population rebounded.

✦ World War II brought a bloody bombing to the Palauan island of Peleliu. The United States had sought a military base from which to launch attacks on the Philippines. In September 1944, U.S. planes heavily bombed Japanese strongholds on Peleliu. Americans sprayed napalm to help clear the island’s thick vegetation and improve access. When the skirmish was over, 11,000 Japanese and 2,000 Americans had died. About 10 percent of the native Palauan population perished as well. The battle was the third worst among World War II’s many confrontations in the Pacific.

The extraordinary number of Japanese corpses on the tiny island attracted such vast numbers of flies that Americans sprayed the insecticide DDT—one of the first-known applications of the deadly chemical.

✦ The United States gained control after World War II and for the past two decades has tried to establish the right to build a military base—a base that would allow storage of nuclear materials and use of nuclear submarines. The Palauans have persistently voted down efforts to allow such activities and have embraced the concept of a nuclear-free zone.

✦ Economically, Palau is “a welfare state dependent on the U.S. for 95 percent of its budget,” writes David Stanley, author of Micronesia Handbook. Illegal drug growing and trading have also marred its economic future. Not surprisingly, many Palauans reared on the islands move elsewhere for education and jobs.
The urban sprawl of Los Angeles may be a coming reality for parts of Oregon unless we plan for the future.

By John R. Kirkland

ask any Oregonian "What is your biggest nightmare?" and the answer likely would be that this state becomes another Southern California.

Los Angeles is synonymous with sprawl. It's a place of unfettered growth and two-hour freeway commutes. It's a place where cars and pavement are as essential to life as air—and the air leaves much to be desired.

And it's just like Oregon will be in a few short years, says Nohad Toulan, dean of the School of Urban and Public Affairs, unless the state's governing bodies develop a blueprint for what they want the state to look like in the distant future.

Toulan, an internationally respected urban planner, presented this call for a broad planning vision in a paper titled "Oregon 2100: Urban Form and Settlement Patterns," which he presented in September to the Oregon Progress Board, a governor-appointed group that helps mold policy for the state's future. In it, he shows where we are going based on where we have been.

What he sees for the future is a state with more than double its current population of 2.8 million, all spreading out from the places where we have already settled, while vast expanses of untouched land to the east—land
which could take pressure off the major population centers—remains untouched.

Toulan uses Oregon's past as a basis for his predictions. Pioneers came to Oregon in the 1840s and found the fertile soil of the Willamette Valley. Once commerce began to develop, they built cities on the river for which the valley was named. Portland, the biggest and busiest city, was established at the confluence of the state's two major rivers, providing transportation through the agricultural heartland and access to the Pacific Ocean.

A century later, the transportation corridor of Interstate 5 provided an even bigger reason for growth to occur not just in the Willamette Valley, but as far south as Ashland. Throughout history and in every part of the globe, where there is commerce, there is growth.

With so much going for this western region of the state, it comes as no surprise that Portland and the Willamette Valley are where the vast majority of Oregonians—81 percent of them—have made their home. As the state continues to grow (and it is growing: 50,000 people flocked to Oregon between 1990 and 1991), this is where most of them will be coming.

"If things continue as they are, by the year 2190, our population will be more than 6 million people," says Toulan's report. "And if 80 to 85 percent are still concentrated in the valley, we will have 5 million people living between here and Ashland. And if you take the existing densities, it will result in the paving of the entire Willamette Valley between here and Eugene."

In other words, another Southern California. It is the very thing that Oregonians sought to avoid in 1973 when the Legislature passed Senate Bill 100 establishing a land-use planning system that gained the admiration of the rest of the country and reinforced the notion of Oregon as being ahead of its time.

The new land-use laws established a series of goals and guidelines, and required each county to draw a comprehensive land-use plan that, in essence, concentrated the areas where growth could occur, and preserved the farmland and forest lands that defined the state's agricultural heritage.

The problem, according to Toulan, is that Oregon's planning process does not plan. It regulates.

"Planning means you are talking about specific courses of action. You are more proactive in a planning process. When you go out regulating, you are not pro-acting on anything. You are just preventing."

Toulan speaks from a lifetime of impressive experience. He began his career during the 1950s as a planner and architect in Egypt. In 1972, he came to Portland State and helped establish the School of Urban and Public Affairs, becoming its first and only dean.

Throughout his career Toulan has taken on planning projects around the world. One of his more formidable challenges came in 1984 when he successfully coordinated an international team of specialists to develop a plan for the holy city of Mecca at the request of the United Nations.

Toulan has also put his experience to work on many local projects, such as the Oregon 2100 paper.

What the state needs, Toulan says, is a blueprint, a clear idea of where to channel growth when growth occurs.

Urban growth boundaries, which encircle cities and metropolitan areas, contain residential growth within their perimeters, but as those areas become filled, political pressure increases to push the boundaries outward. As the years go on, nearly all urban growth boundaries will come under pressure to expand, increasing the chances that the state will be conquered by sprawl.

Evidence of sprawl—regardless of the current planning process—is already here. Kevin Kasowski, director of publications for 1000 Friends of Oregon, a land-use watchdog organization, says counties throughout the state are doing a poor job of enforcing land-use laws and are permitting five-acre and two-acre single-family lots on lands designated for farm and forest use.

Toulan himself says the rate of housing density in Oregon—the number of dwellings per acre—is lower than that of Los Angeles. In other words, more land is being used to house fewer people and creating more sprawl than the capital of sprawl itself.

Toulan suggests a higher rate of density—smaller lots, more apartments, condominiums, and row houses—and a look at establishing cities and towns where none exist right now, such as in eastern Oregon. The result would be a state where people live in concentrated areas that are easy to service with public transportation and where a minimum of harm is levied on the natural environment. It is a European style of development. In fact, Toulan points to the former West Germany, which has the same land area as Oregon, but contains 65 million people.

"If the 65 million people were scattered around the country in the same way our population is scattered in the Valley, you can be sure that there would be not a single acre of wooded or agricultural land," Toulan says.

The fact that West Germany is not one mass of development shows Toulan what could be accomplished in Oregon—and must be accomplished if the Willamette Valley is to contain some sense of rural beauty three or four generations from now.

But Toulan's call for a blueprint is a departure from the current land-use planning system.
"I don't see it happening," says Bill Blosser, chairman of the state Land Conservation and Development Commission (LCDC). "LCDC has never taken the position that the state has any right to determine where people should live."

Even if the state did decide to foster development of new cities outside the Willamette Valley, it would face huge practical challenges. Growth will naturally occur where development already exists because that's where the airports, universities, goods, and services are, says Blosser. "Everybody is here already, so why go elsewhere? It's a snowballing effect."

Blosser called the building of new towns "extraordinarily expensive and difficult," pointing to the examples of Columbia, Md.; Levittown, Pa.; and Reston, Va.—towns built to achieve exactly what Toulan is suggesting.

Where he and other planners agree is the need for higher density.

Over the last 10 years, LCDC has established housing density goals for the Portland metro area that seek to contain growth and foster mass transit, and it is discussing applying the same standards to other parts of the state. Winslow Brooks, Hillsboro planning director and a PSU alumnus, says the population may be ready for it.

"We've already seen a desire for smaller lots, even in my 20 years in planning," he says. "It used to be that 10,000- and 12,000-square-foot lots were the standard, and now people are saying that's a little too much to take care of. We are becoming further removed from our agrarian roots, plus we're working for a living."

As the average age of the population becomes older, Brooks envisions a greater demand for condos, row houses, and other alternatives to the traditional single family home.

An example in Hillsboro is the Tanasbourne development, containing 950 apartments in a planned space, efficiently located close to shopping and employment. Brooks sees that type of commercial, employment, and high-density residential pattern continuing.

"The question is, if you have a family with three children, is that where you want to live? In Paris you would be used to it, but we're not used to it in this country. But that's changing," he says.

METRO, a regional government for the Portland area, is in the process of forming a 50-year plan, called Region 2040, that will accomplish some of what Toulan is suggesting.

The Region 2040 project will take a broad range of land-use goals and objectives for the Portland metropolitan area, and give them specific form in much the same blueprint fashion that Toulan advocates. METRO is just beginning the process and will be working on it with the Oregon Department of Transportation, Tri Met, and city and county managers throughout the metropolitan area.

It will show the best ways for accommodating growth within the metro area's current urban growth boundary over the next 20 years, and it will draw a picture of how growth should be shaped outside the boundary in the 30 years beyond that, according to Mark Turpel, a senior planner at METRO and the project manager for Region 2040.

How will the region look in the next half-century? At this stage, METRO has only a blurry picture, made up mostly of questions rather than answers. For example, Turpel says that a goal for the region is to provide a better balance of transportation choices to offset our current pattern in which 86 percent of trips throughout the metro area are by car. Region 2040 will flesh out that goal with specifics about where and how mass transit should take up the burden.

"We want to portray consequences and choices," he says.

Planning a half-century into the future is bound to be a difficult task, says Turpel, if only because no one can predict what technological changes might be in store. For that reason, Region 2040 will be flexible and open to change, he says.

But if planning ahead 50 years is hard, what about planning ahead a full century?

Toulan does not believe the task will be easy. But if the state is to preserve the quality of life for which it is known, it will be necessary.

"Why 2100? Because you cannot talk about vision without dealing with the long term," he says.

Past civilizations have been visionary, and so can we. Toulan points out in "Oregon 2100" that residents of Cairo in the eleventh century devised primitive measures to monitor air quality in different locations and used the results to guide the placement of new homes. And in 16th century England, Elizabeth I called for the establishment of green belts around English towns to prevent them from "growing into each other," Toulan wrote.

The rapid pace of change, both in the United States and in Oregon in particular, makes planning for the long term all the more important.

"We are likely to go down in history as the first generation of Americans that is so selfish that we are leaving our children with overall conditions that are not as good as the conditions that our parents left for us," says Toulan.

"We are destroying our environment at a much faster pace, we are leaving an economy saddled with national debt.

"There is no alternative but talking about the long term."
Trip tik to education

PEN, the new Portland Educational Network, will provide students a road map through the metropolitan school system.

In 1990, Don Frisbee, chairman of the Governor's Commission on Higher Education, said the only group that was tracking kids as they moved through the area's education system was the police.

Neither counsellors, nor teachers, nor administrators could do the job adequately because there was little linkage from school to school—and especially from district to district—that could provide continuity in guiding students through the system. As a result, in this mobile society where some schools have a 50 percent turnover rate, students can feel like rudderless ships.

"The kid is the loser," says Frisbee. "The lack of coherence creates all kinds of obstacles and certainly doesn't provide a lot of hope or prospects."

All that is changing with the establishment of PEN, the Portland Educational Network, which began in earnest last fall to establish some cohesiveness in an otherwise loose system.

PEN is the result of recommendations by the Governor's Commission on Higher Education in the Portland Metropolitan Area, the Oregon Education Act for the 21st Century, and a variety of groups and plans that have emphasized the importance of education to the region's future.

Area educators, business leaders, state legislators, and social service representatives helped develop a business plan for PEN, including a mission "to increase access to educational opportunity for students and potential students of all ages in the Portland metropolitan area and to support programs and services that will enhance student success."

Portland State will be a major player in PEN's future. Financial management will be administered through PSU, and Dean of Education, Robert Everhart, will be the program's lead dean.

Over the next four years, PEN will work on three broad programs to help make the most out of each child's educational experience:

- Systematic linkages among all schools, from pre-kindergarten to the university level, to streamline the movement of students from school to school and from level to level. A number of elements will go into this program, including working with the various institutions in the tri-county area to avoid duplication of services, creating common programs and policies, and setting up a central clearinghouse for information on education programs and projects.
- Programs to support early childhood education, child care, Head Start, and improved primary schools. Included in this is a proposal to create an information system to identify and track the progress of all elementary and high school students in the area, especially those at risk of dropping out.
- Activities that expose students to college campus life, promote postsecondary education, and promote skills needed in the workforce.

Part of this last program may be the creation of special maps, or "Trip Tiks" that will guide high school students toward their own career or academic paths. If a student in early high school has an interest in, say, engineering, counselors will devise a Trip Tik showing what courses he or she will need to take before graduation, and what can be expected on the college level.

Similar Trip Tiks will also be available for students not going on to college.

Alcena Booser, principal of Jefferson High School and a PEN steering committee member, says such a system will enable students to find greater purpose in their high school experience and to feel more at ease about their future.

"Right now it's a tremendous mystery to people how to get through the process," she says. "The underserved population has yet to see the connection between the need to take certain courses—or even the belief they can succeed in certain courses—and what comes after high school. Frequently you talk to youngsters who say they are going to college, but they don't put together what that really means in terms of preparation."

An area-wide mission to respond to needs and reduce duplication is an essential part of PEN. As part of the program, PSU's School of Education is working with schools in six east Multnomah County Districts to discover educational programs that would be important to the collective whole.

The people involved in PEN who will help put these improved services in motion include representatives from business, minority and social agencies, parent groups, the Greater Portland Trust in Higher Education, and state government. Booser is joined on the steering committee, by Kevin Concannon, state human resources director; Jim Hager, Beaverton Schools superintendent; John Keyser, Clackamas Community College president; Judith Ramaley, PSU president; Joyce Reinke, assistant superintendent of schools; and Vern Ryles, Poppers Supply CEO.

Frisbee, whose work with the Governor's Commission helped create PEN, is excited about the prospects. "There are more people here who care and are trying to deal with the problems than in any city our size or larger," he says.
A YEAR OF ACHIEVEMENT

A critical lesson from today's increasingly complex and interdependent world is that traditional ways of doing things may no longer be valid. Just as manufacturing and service industries, commercial and retail businesses are changing their approaches to fulfilling their missions, so must higher education.

Basic to this new way of looking at higher education is the knowledge that a university must be an integral part of its community. To be successful today, that is, to serve growing public needs with limited resources, we must be involved directly in the life of the community and work cooperatively with other institutions that serve the region.

No higher education institution, operating independently, can successfully respond to the ever changing and expanding scope of educational and public service needs we see today. This commitment to collaboration is reflected in the Portland State University Mission Statement:

"The mission of Portland State University is to enhance the intellectual, social, cultural and economic qualities of urban life by providing access throughout the life span to a quality liberal education for undergraduates and an appropriate array of professional and graduate programs especially relevant to the metropolitan area. The University will actively promote development of a network of educational institutions that will serve the community and will conduct research and community service to support a high-quality educational environment and reflect issues important to the metropolitan region."

Among the most critical of these partnerships are those represented by the 6,200 donors listed on these pages. Your generous investment in Portland State makes much of the work of the University possible. At my inauguration (October, 1990) I listed several major goals. Among them were these:

- Strengthen regional programs in engineering and computer science;
- Establish a Ph.D. in Social Work and Social Research; establish the Institute of Portland Metropolitan Studies; expand partnerships with the community;
- Encourage recruitment and support for minority students, faculty and staff; and,
- Create an environment to support the individuality and talents of each of us, fostering a climate of cooperation and learning.

Thanks to the commitment, cooperation, and support from both inside the University and from the outside community, there has been significant progress toward these goals.

This report of activities from 1990-91 illustrates some of this progress and the ways in which these university-community partnerships are making Portland State a better University, and Portland a better community.

Judith A. Ramaley
President
ACHIEVEMENT

ACCOMPLISHMENTS

Anne Tarver, a high school drop-out, carpenter, and self-described "hiking bum" who entered PSU after 11 years out of school, won a prestigious 1991 Mellon Fellowship in the Humanities (one of only 99 in the nation and PSU's first). Tarver earned her bachelor's degree with a 4.0 grade point average and will use the $11,500 award to continue her philosophy studies in graduate school.

Education professor William Greenfield was awarded a 1991 Fulbright grant to study and teach in Thailand this fall.

Professor of Public Administration Sheldon Edner accepted a one-year Intergovernmental Personnel Act assignment with the Department of Transportation's Federal Highway Administration in Washington, D.C., to prepare a study of institutional decision making processes for improving transportation congestion problems. A respected authority on public policy planning, Dr. Edner was asked to develop a national research study model for metropolitan-area decision making processes.

Professor of Mathematics Marjorie Enneking was invited to fill a one-year post as a Visiting Scientist with the National Science Foundation's Education and Human Resources Department in Washington, D.C., to direct a program of teacher enhancement. Dr. Enneking is widely known for her work at Portland State to improve the teaching of mathematics in K-12 schools.

The Burlington Northern Foundation continued its recognition of faculty excellence with four cash awards to Portland State faculty: Gregory Gokjian, English; Jack Semura, Physics; George Tsongas, Mechanical Engineering; and Lawrence Wheeler, University Honors Program. The four were honored for quality classroom teaching, high scholarly standards, and significant student impact.

Graduate students Shawna Adams, Social Work, and Douglas Albertson, Music, received two of the four new University Club Scholarships worth $5,000.

Sixty-five PSU graduate students received Oregon Laurels State System tuition waivers, 25 more than the previous year.

Three marketing students, with a production budget under $100, won the National Clio College Advertising Award, placing first over 500 other television advertising campaigns developed at institutions across the country.

Students in the Master of Urban Planning Regional Planning Program Workshop received the Student Achievement Award for Oregon from the American Planning Association for their work on the Albina Community Plan.

PSU's Middle East Studies Center and a similar center at the University of Washington were jointly granted "Title IV National Resource Status" by the U.S. Department of Education — only the twelfth such designation in the country. The designation, accompanied by a $150,000 grant, recognizes the University's expertise and commitment to Middle East studies.

The Czechoslovakian government awarded a Silver Medal of Honor to the Soviet and East European Business Administration program (SEEBA) for its contributions to business education in Eastern Europe. SEEBA also trained more than 20 Russian managers in the city of Khabarovsk and has agreed to offer business training in Novograd in cooperation with Rochester University.

Thanks to an international effort spearheaded by Physics Professor Pavel Smejtek, the University has added a powerful new research tool to the Environmental Sciences and Resources Doctoral Program, the Scanning Tunneling Microscope, a microscope so sensitive it can provide images of atoms. And, this highly sophisticated device was built by an international research team at PSU at a cost of $26,000, about a quarter of the value of a commercial instrument. The (STM) reveals...
surface features rarely provided by Scanning Electron Microscopes. Because it does not need to scan objects in a vacuum, STM is highly preferable for biological samples. Already, PSU's STM is providing atomic-level information on the way some toxic substances are absorbed in the environment. Area high-tech researchers are interested in its uses in microcircuitry design and testing.

ACCESS TO EDUCATION AND SERVICE

- The first Nancy Ryles Scholar is Eleanor M. Dominguez, of Tigard, a single mother of three. Dominguez, a junior, wants to be an elementary school teacher. The Nancy Ryles Scholarship was established in 1990 to honor the late public official.

- The Hatfield-Packwood Minority Scholarships (funded by local business owner William R. Reesman) awarded $2,000 grants to 12 minority students. For 1991-92, the program expanded to 15 students. Other scholarship programs are opening access to higher education for dozens of minority students:

  - Hatfield/Packwood Minority Scholarships . . 12
  - Portland Teacher Program . . . . . . 16
  - Junior-level Minority Achievement Scholarship Program . . . . . . 22
  - Freshman-level Minority Achievement Scholarship Program . . . . . . 106
  - Total 156

COMMUNITY PARTNERSHIPS, PROGRAM ADVANCEMENT, DEVELOPMENT

- The Oregon Joint Graduate Schools of Engineering, part of the Portland Action Plan funded by the 1991 Legislature, began formal organization with appointment of its Engineering Council. The Council, which includes representation from engineering and high-tech firms as well as the institutions involved, will promote increased integration of engineering programs; conduct site planning and assessment for a proposed advanced engineering center in the metropolitan area; and develop additional funding resources for OJGSE.

- Portland Educational Network (PEN)—a service network linking the educational efforts of the public schools, community colleges, private institutions, the University, and local business and community groups—was established. PEN's aim is to encourage increased access, participation and success of students in the educational process by promoting cooperation among K-12 schools and postsecondary education to increase the percentage of high school graduates, and by encouraging more minority, place-bound, disadvantaged, and non-traditional students to take advantage of postsecondary education. PSU has assumed the leadership role in the establishment and operation of PEN.

- PSU was invited to join the Berkeley Mathematical Sciences Research Institute, a research center on the West Coast that is similar to the Institute for Advanced Study in Princeton, New Jersey. PSU will participate in activities of the Institute, and two graduate students each year will attend programs in Berkeley.

- The University also joined the Advanced Sciences and Technology Institute, which showcases research and promotes technology transfer from Oregon public universities.

- A five-story, $11 million addition to the University's Branford Price Millar Library opened, nearly doubling the size of the original building, which opened in 1968. The addition increased usable space by 72,000 square feet. Designed by the architectural firm of Skidmore, Owings &
ACHIEVEMENT

Merrill, the library's five-story curved glass wall has provided a much-needed focal point on the Park Blocks campus. In front of the glass wall is a copper beech tree planted more than a century ago.

The Millar Library joined the Center for Research Libraries, gaining access to extensive research materials available at member libraries across the nation.

The Institute of Portland Metropolitan Studies at PSU received State Board approval and the endorsement of local governments in the region. The Portland City Council allocated $100,000 in startup funding for the Institute, a collaborative program designed to provide regional academic and research expertise to governments in the metropolitan area.

The National Geographic Society designated PSU's Department of Geography to lead and coordinate the Oregon Geographic Alliance following a legislative agreement to match the Society's $50,000 annual contribution. The purposes of the Alliance are to improve the teaching of geography in elementary and secondary schools, to develop specialized educational materials, and to build public awareness of the importance of the study of geography. This summer, the Alliance provided special training and materials to 24 Oregon teachers during a workshop at PSU.

UNIVERSITY-COMMUNITY PARTNERSHIPS

The Oregon Museum of Science and Industry and the University became partners in a program funded by the National Science Foundation to encourage outstanding high school students to become scientists, mathematicians, and engineers. The Young Scholar Research Participation Program involves the students in scientific research programs conducted by University faculty. The students also will conduct their own research projects for presentation at a seminar at PSU.

Mentor Graphics Corporation and the University formed a partnership to establish a corporate-subsidized, accredited child development center at the company's new Wilsonville site. Margaret Browning, director of PSU's Helen Gordon Child Development Center, became a full-time Mentor employee but continued to direct the PSU program.

PSU has entered into a collaborative agreement with Battelle Pacific Northwest Laboratories under which the University is granted graduate fellowships, a professorship and free supercomputer time.

The Center for Software Quality Research was established at PSU to help Northwest companies develop high-quality software in a cost-effective manner.

The Oregon Business Electronic Database, developed by PSU's International Trade Institute, opened for business in international business in particular. Establishment of the database was funded by the Oregon Trade and Marketing Center with an operational assistance grant from the Department of Agriculture. The database lists every company in the state with detailed information about Oregon's 10,000 manufacturers. ITI officials expect the major users to be marketers, companies looking for suppliers and international trade opportunities, and public agencies. Public libraries throughout the state also may offer limited access to the database.
During 1990-91, a strategic planning process led to the report, "Creating the Urban University of the 21st Century," which resulted in a new University Mission Statement and planning goals for the University.

An internal study team began an intensive examination of the University's administrative organization and structure to increase and improve services with fewer resources.

The School of Business Administration began a bold restructuring, replacing departments with an administrative structure of associate deans and faculty interest groups that represent traditional disciplines and emerging areas of study.

Donations to the University and to the PSU Foundation were up more than 100 percent to $3,419,460 for 1990-91, including:

$700,000 from alumni and friends of the University.
The first all-alumni and parents telefund campaign raised $460,000 in pledges.

The University Partners, Corporate Associates and President's Associates all exceeded goals in membership and financial contributions.

The total number of gifts exceeded 8,600, more than double the previous year.

Electrical Engineering/Computer Science received $1.25 million in integrated circuit software and design tools from Mentor Graphics and Analogy, Inc.

The second "Ultimate Tailgate" party and auction raised more than $100,000, including $40,000 for the Millar Library.

A group of 30 community leaders formed the Portland State University Endowment Council to assist in the University's drive to attract gifts through trusts and bequests. The Council, which includes professionals in the fields of law, banking, financial planning and insurance, will provide advice and support to the University Development Office.

The final report of the Governor's Commission on Higher Education in the Metropolitan Area envisioned a larger role for PSU as the hub of a regional educational network. The report was endorsed by outgoing Governor Neil Goldschmidt as well as his successor, Governor Barbara Roberts.

Seven million dollars in additional state funding followed development of the Action Plan for Portland, a plan for implementation of the Governor's Commission Report. The Action Plan was developed by the University and the State System of Higher Education at the request of Governor Barbara Roberts.
A PARTNERSHIP FOR PROGRESS

The Portland State University Foundation was independently incorporated in 1963 "to promote and further the development of Portland State University." The Foundation has the major fiduciary responsibility for management of the gifts and endowment funds on behalf of the University.

The Foundation Office also assists with University development programs. This year, direct contributions to the Foundation totaled $1.5 million, an increase of 50 percent over the previous year. The fund balance, which now stands in excess of $3 million, is at its highest point in the history of the Foundation.

In consultation with the University, the Foundation develops an annual budget for use of gift and endowment funds. During 1990-91, the Foundation provided more than $350,000 in student scholarships. More than $1 million went directly to support University departments and programs providing support for faculty teaching, research, travel, and educational and research equipment.

The Foundation administers the various funds received. This includes accounting, investing and monitoring investments as well as controlling the disbursement of funds. The Foundation also keeps donors and recipients informed of the status of the various funds.

The PSU Foundation Board of Directors, selected from among the region's civic and corporate leadership, provides a direct link between the Foundation, the University, and the community. The Board is independent of the University and has the overall responsibility for establishing policies, developing budgets, monitoring the investment of Foundation funds, and providing an annual accounting of Foundation income and disbursements.

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When Mildred Bennett first heard about the "I Have A Dream" Foundation's promise of college tuition for the entire 1989 Martin Luther King Junior Elementary School fifth-grade class, her response was typical for this veteran PSU mathematics professor. "What good is a promise like that," she asked, "if the kids don't graduate from high school?" Knowing that math deficiencies are frequent stumbling blocks for children from underprivileged neighborhoods, Bennett, with an army of tutors pulled from the ranks of Portland State math classes, joined an after-school tutoring program for the "I Have A Dream" children.

The following year, when an additional fifth-grade class at the elementary school was given the same promise, Bennett and her student tutors were there again, eventually following both classes on to Tubman Middle School.

It was not the first time that Bennett, 70, has taken the mysteries of math into the Portland community. A one-person volunteer outreach team, the specialist in teaching statistics for non-math majors and math for elementary school teachers has responded to education needs of street children, translated the intricacies of elementary math skills into board games that parents can play with their children, and taken courses that were crucial for teacher's aide certification into poverty-level neighborhoods. She also has set up an innovative "math lab" at Portland State University to serve as a resource for elementary, secondary, and middle school instructors throughout Oregon.

Bennett is probably better known by students outside the mathematics department than by math majors. Her statistics classes for business, psychology, and social work majors and sequence courses for elementary school teachers are filled to overflowing with students who have learned that Bennett goes out of her way to make math easy to understand.

Bruce Jensen, chair of PSU's Mathematical Sciences Department, says that Bennett can always be counted on to advocate for student concerns. And the popularity of Bennett's classes has caused problems at times. One term, Jensen says, she had so many students packed into her classroom that the Fire Marshall issued a safety citation. The ticket, much to Jensen's chagrin, was made out to him.

Bennett will retire in June 1992. But her service in the field of mathematics has not gone unnoticed. In August 1991, Bennett became the first recipient of a Lifetime Achievement Award from the Oregon Council of Teachers of Mathematics. The organization has since named the award for her, and it will be given each year to an outstanding mathematics educator. In 1986, Bennett was honored by Soroptimist International of Portland for her community work with minorities, and in 1966 she received a Mosser Award for excellence in the teaching field.

A native of Portland, Bennett says that she doesn't remember when she began to understand that she was good at mathematics—it was something that always seemed to be there for her. After high school in Portland, she graduated from Oregon State University in 1942, just as World War II was
starting, with a Bachelor of Science in mathematics.

Immediately after graduation, with a war-time economy hitting full-tilt, Bennett and "400 young men" were hired as engineers by Westinghouse. The last time the company had hired a female engineer, Bennett says, was in 1918 during World War I.

Bennett was assigned to an electronics engineering job at a plant in New Jersey, where she remained for three years. At the time she was also pursuing a graduate degree in electrical engineering at Brooklyn Polytechnic Institute. She eventually took a job in a research lab at the institute and taught mathematics there before returning to Oregon with a husband and two daughters in 1948.

In the seven years following her return, three more daughters were added to Bennett’s family, and like many women of her era, Bennett stayed at home with her young family. But in 1955, she decided to return to work.

Portland State University was in its formative stages at that time, Bennett says, and she initially took a part-time position in the mathematics department. Most of the department’s full-time teachers were men. But a year later, a salary dispute caused some of the department’s instructors to resign, and Bennett and several other women were offered full-time teaching positions.

“Our salaries were around $3,600 a year,” Bennett says. And because there were suddenly so many women in the department, they took some flack from the formerly male bastion. “Behind our backs—but it really was to our faces—they called us the ‘housewife faculty,’” she says.

Bennett discovered that her particular talent lay in teaching people with math anxiety, which coupled well with her belief that people from all segments of society need more complex math skills than just personal budgeting.

“The upper-end jobs in our culture—the better paying ones—require math and science expertise,” Bennett says. “And when you look at the groups who have traditionally not been encouraged to excel in math, you see women and minorities.

“I would go into the elementary and middle schools in Portland's poverty neighborhoods,” Bennett says. “The sixth-, seventh-, and eighth-graders were operating at the second-grade level of math.”

What does the future hold for these children, Bennett asked. Jobs filling shelves in department stores?

On her own time, as a volunteer, she began tutoring children in minority-population elementary schools. But one person can only accomplish so much. Yet Bennett had overflowing classes of math students back at Portland State.

The idea was a natural. She arranged for university credit in exchange for tutoring elementary and middle school children in math.

In the late ’60s and early ’70s, PSU set up an education center in the Albina district—a primarily African-American minority community—to act as a bridge between the community and the University. Bennett was responsible for the center’s math program which included tutoring children after school, helping high school dropouts earn their GED certificates, and offering six different PSU mathematics courses for credit.

Working with Portland State tutors, more than 100 people, mostly minority women working as aides in the Portland School district, passed the mathematics courses to become certified as elementary teachers.

“We were able to set up a tremendous support system with the number of student tutors who came in to help,” Bennett says. Many of the people who went through those original, in-community certification math classes are still working in Portland schools today, Bennett says.

And when Bennett shows up, with her math games and her cadre of student tutors, they remember her. “I get hugged from one end of the halls to the other,” she says.

Tutoring sites have changed through the years, moving to where the need is. Right now, students are tutoring for credit under Bennett’s supervision at Martin Luther King Jr. Elementary School, Tubman Middle School, the downtown YWCA’s school for homeless children, and at the Greenhouse, a day shelter for street kids operated by the Salvation Army.

Over the years, part of the math curriculum for elementary school teachers under Bennett’s tutelage, has been the development of materials for mastering various levels of math. This collection
of student work fills more than 20 file cabinets in the PSU Math Resource Lab—"the finest math resource lab in the state of Oregon," says Jensen.

Developed, stocked, financed, and organized entirely by Bennett and her part-time assistant, Eleanor Rigdon, the lab contains problems, games, puzzles, and teaching plans by grade level. These are available to elementary and secondary school teachers throughout the state. Parents are welcome, too.

Most of the math lab games are handmade. Younger children might work with simple games, similar to tic-tac-toe or bingo, learning to identify numbers and incorporate simple arithmetic concepts. More sophisticated materials might include extrapolating a mathematics problem from a news story.

For example, a student working with a story about Neil Goldschmidt's successful bid for governor of Oregon developed a problem that required computing a fund-raising budget for the candidate's campaign.

Bennett used to haul a large two-wheeled cart around in her car, full of games for tutoring at schools like Martin Luther King Junior or Brooklyn Elementary. But more and more, she heard requests from teachers for games that parents could play at home with their children.

In early 1989, Bennett sponsored an evening workshop at Brooklyn Elementary School for parents and first-grade children. The object was to make sets of math games and puzzles for playing together at home. There were two rules: children and parents had to participate in pairs, and for every math game they made up to take home, another had to be made for someone else's use.

Over a dozen children and their parents showed up for the first math game workshop. Since then, the formula has been repeated numerous times and has been picked up for statewide use by Oregon's Department of Education.

The center of all this activity, the PSU Math Resource Lab, exists because of Bennett's personal commitment. But due to Measure 5 cutbacks in the state education system, Bennett's position will not be filled when she retires. Without someone to directly supervise it, the math lab may be in jeopardy.

Department Chair Bruce Jensen has initiated a fund in honor of Professor Bennett to be administered through the PSU Foundation. Money raised through the fund will pay for the math lab and testing center activities—functions Bennett now supervises. Called the Mildred L. Bennett Math Resource Lab and Test Center Fund, Jensen says the goal is to build an endowment base of $50,000.

In retrospect, Bennett says it is fortuitous that she came to Portland State 37 years ago. In most cases, she says, students who study at the University are here because they want to be, and they're willing to work hard.

"That's made life more interesting and livable for me," Bennett says. "Whenever I get excited about a new project, there's a group of students here who I know I can convince to do it with me."

Although she will officially retire this June, Bennett will stay through summer term to teach the elementary school teacher certification courses, and she has also been asked to remain on the faculty part time during the following academic year to supervise some of the student tutoring activities.

And of course, there's the volunteer work at Martin Luther King Junior Elementary School and Tubman Middle School. Already she's planning more games for the math lab and for parent and child math workshops.

It doesn't sound much like retirement. But then Mildred Bennett may have known that all along.

"If I have a choice," she says, "I'd like to die with chalk in my hand."

(Eva Hunter is a Portland free-lance writer.)
Thayer Willis is one of the few therapists nationwide dedicated to the troubles of the rich.

By Meg DesCamp

Polite people don’t talk about it. The few who have a lot of it are loath to reveal how much they have, even to their own children. The rest of society is left wishing they had more of it. It’s money, and it’s the last taboo, according to Thayer Willis MSW ’90.

Willis, a Lake Oswego therapist, is determined to bring money out of the closet. Words such as challenge, truth, and responsibility are sprinkled liberally throughout her conversation. Yet she admits that she herself is uncomfortable talking about money.

But talk about it she does. What’s more, in an earnest and open manner, Willis encourages her clients to do so, too. Money’s pitfalls and potentials, its capacity to smooth life’s rough edges, and its inability to grant happiness are discussed honestly in her modest Mountain Park office. Thayer Willis could be a typical therapist helping clients learn to live within their means. But she’s not: Willis specializes in helping Portland’s rich find ways to live peacefully with their wealth.

It’s a far cry from the typical social worker’s career of counseling those with limited economic, educational, or mental resources—people Willis refers to as “the more obviously disadvantaged.” Her clients, she says, are also disadvantaged because of their wealth-related problems.

Wealth-related problems? For the average American, it’s a contradiction in terms. It’s a little difficult to drum up much sympathy for people who never fret about the mortgage, the kids’ braces, the dead transmission in a six-year-old car. The only wealth-related problem most people can imagine is not having any.

Willis speaks convincingly of the challenges faced by those who don’t have to count the days to the next paycheck. As Thayer Cheatham, she grew up in one of Portland’s wealthiest families. Her father, the late Julius Cheatham, was a founding partner of Georgia-Pacific Corp. She had a happy childhood, but family money didn’t shield her from personal troubles. Those troubles coalesced in an eating disorder during her early 20s. With the help of therapy, Willis overcame the problem and worked for five years guiding others with eating disorders through the process of recovery.

“The work was very rewarding, but recovering from an eating disorder is pretty predictable. Clients go through identifiable stages, and after a number
Therapist Thayer Willis works out of her Mountain Park office.

of years, I was ready for a new challenge.”

That challenge crystallized when a childhood friend committed suicide. Several of Willis’ childhood acquaintances had committed suicide while still relatively young, but her friend’s death tipped the scales for her.

Her voice still carries tints of frustration and sadness nearly six years after the event. “All I could think was, ‘What’s going on here?’ We’re supposed to be inheriting all the riches of society, not just wealth, and these people couldn’t cope with their lives. These people were in so much pain, and their needs weren’t being met. I knew I had the experience and the expertise to help the wealthy work through their issues about living with money,” she says. That conviction and desire to help led her to the Master of Social Work (MSW) program at Portland State.

At the time, Willis didn’t know of any other therapists specializing in working with the wealthy. She’s since discovered a handful of people across the United States doing the same work. But support for her area of practice is limited. Making peace with wealth, a concept that Willis explores with her clients, is likely to raise the hackles on those whose clients struggle to get by on a day-to-day basis.

Willis knows that her work is sometimes viewed as unpopular or even politically incorrect. But her own experience has convinced her otherwise.

“This is a valid area of practice,” she says, leaning forward to emphasize her words. “If you believe in the basic social work premise, which is that every member of society deserves to have the best life possible, then it’s clear that this is an appropriate area in which to work.”

The wealthy, she says, are so cushioned by money that they often don’t develop skills for getting help. When troubles surface, they feel isolated, friendless, and insecure. They’re not sure if people love them for themselves or for their money. They may lack a sense of purpose. And the prevailing societal attitude that money brings happiness makes them feel even more isolated when struggling with personal problems.

“The American fantasy of living in gorgeous houses, in the best neighborhoods, with your kids in the best schools just doesn’t hold up,” Willis says. “Money does not equal happiness. Rather, I think wealth is a form of energy, like electricity. It’s neither good nor bad, positive nor negative. It’s the meanings that people attach to money—expecting it to make them happy, expecting it to make their lives perfect—it’s those meanings that get us into trouble. And because of that,
there's this whole field of mental health to be explored.

At the time of her friend's suicide, Willis had a graduate degree in English from the University of Oregon. She decided that an MSW from PSU would deepen her academic expertise and add to the understanding she could bring to her clients.

But she entered PSU with some trepidation. Although she feels positive about her education, she reports feeling on edge at times because of her personal background.

“A friend who had been through the program warned me not to even mention that I was from Lake Oswego. She felt she encountered a lot of prejudice just because of where she lived,” Willis says. “I took her advice pretty seriously. I kept a low profile in class and didn’t talk about wanting to specialize in problems of wealth.

“But I was convinced it was right,” she says, shrugging. “This sounds kind of corny, but I feel a real sense of mission. I enjoy being a pioneer, and this is an area of service in psychology which needs to be developed. There’s a great need for what I’m doing.”

Most of Willis' clients have seen other therapists before they are referred to her. Often, the referring source is an accountant, an estate planner, or an attorney who is helping manage their money.

“People in the financial community think I’m a great resource, but they have to be delicate when recommending people to me. I mean, you can’t just tell people they need to see a therapist. So I’m referred to as a consultant, or someone has actually said, ‘Gee, I wish someone who compiled a reading list...’

A case of a friend who had worked through several major issues with his therapist. “When he needed to talk about problems arising from his wealth, the therapist wasn’t able to help. He said, ‘I really don’t understand your problems and I find myself envious of you. I need to refer you to another therapist.’ My friend appreciated the honesty, but he felt adrift.”

It’s that feeling of being different, of being isolated, that keeps many wealthy people stuck in their problems. Taken to its extreme, the lack of support can lead to suicide—what Willis calls the ultimate cry for help.

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Willis thinks a non-wealthy therapist could work with rich clients, but she also thinks that many of her clients prefer a counselor who understands firsthand the problems involved in living with wealth. She cites the case of a friend who had worked through several major issues with his therapist. “When he needed to talk about problems arising from his wealth, the therapist wasn’t able to help. He said, ‘I really don’t understand your problems and I find myself envious of you. I need to refer you to another therapist.’ My friend appreciated the honesty, but he felt adrift.”

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President's letter

Dear Alumni:

The Alumni Association, of which you are automatically a member, just sponsored one of the most successful events we've ever had at PSU. If you didn't attend any part of this fall's Alumni Weekend, you may want to watch for it next year. Judging from the enthusiastic response, this is the kind of event PSU alumni want to attend.

Some top priorities for this year's Alumni Board of Directors include enhancing the alumni advocacy program; working to promote a positive image of the University; involving more alumni with the Association and the University; and expanding the relationship between the Alumni Association and the students at PSU. In each of these areas we are developing specific programs to achieve these goals.

The major source of funding for the Association is the PSU Alumni VISA card from US Bank. The Association receives revenue every time you use your VISA card. If you don't have one, with its low 15.9 percent interest rate, call the Alumni Office today for information.

As PSU winds down a successful fall semester, with some truly fine achievements in academics, and with the outstanding success of our athletic teams, we all feel a great pride in the University. We encourage your active participation in this success.

Sincerely,

Miriam Selby '68, President

P.S. To find out how you can become involved with the PSU Alumni Association, call the Alumni Office at 725-4948.

Standing in for PSU

Alumni represented Portland State at university inaugurations across the country last year, and according to their letters, they had a wonderful time.

When President Judith Ramaley is unable to attend a ceremony inaugurating a new president at another institution, alumni are asked to go in her place. Alumni attending ceremonies from Maine to California found it a moving and sometimes amusing experience.

Bonnie A. Zogby '68 of California writes, "Dear President Ramaley: Thank you for the rare privilege of representing you and Portland State University at the inauguration of Steven Sample as president of USC. I had a fine time. The day was sunny, yet not too warm. I seated myself next to the representative from the University of Virginia, who sat next to the gentleman from Harvard, who had been upstaged by the professor from Yale, who refused to surrender her seat."

Zogby goes on to describe the brunch following the ceremony, "As I surveyed the gracious surroundings, a delightful gentleman stepped up and said, 'Let's call in the stragglers. I'm hungry.' And so I had the opportunity to speak with President Sample in person. Delightful."

Alumnus Eric Funk '75, MST '78, of Montana attended the inauguration of President Michael Peter Malone at Montana State University. He writes, "A number of speakers addressed the president and audience. Most notable for me was Ivan Doig, author, whose comments were so beautiful and literate." He goes on to write, "I was instilled with great pride as a representative for Portland State... thank you for allowing me this chance to hold the PSU banner high."

It is vital for Portland State to be represented around the country, according to Ramaley. She was pleased by the number of institutions that sent area alumni to her own inauguration at PSU. "Inaugurations represent a special chance to celebrate the strength of a university and the promise of the future," says Ramaley.

Other Portland State alumni who have attended inaugurations this year are, Kori Allen '84 at University of San Francisco, William Clark M.D. '70 at University at Albany, Elizabeth Durr '81 at Colorado State University, James Messerschmidt '73 at University of Southern Maine, Cheryl K. Page '74 at Rollins College, Clarence A. Porter '62 at Howard University, Douglas Prescott '66 at Manhattanville College, Paul Soderholm '68 at Chicago State University, Michael Fogarty '67 at Kent State University, Steven L. Duncan '75 at Oregon Institute of Technology, and Michael Fisher '73 at La Sierra University.

Nominations sought for outstanding alumni

The PSU Alumni Association seeks nominations for the annual Outstanding Alumni Awards which will be presented during the "PSU Salutes" luncheon Friday, May 1, at the Multnomah Athletic Club. There have been nine Outstanding Alumni Award winners, among them retired Oregon Supreme Court Justice Betty Roberts and sports figure Neil Lomax. For a nomination form, please contact the PSU Alumni Office at (503) 725-4948.

Career planning help

Looking for a satisfying, challenging, and rewarding job? The eight-week class "Alumni Career Planning," will provide tools for evaluating your own interests, increasing your confidence, and making informed career choices.

The class is taught by PSU career counselors Dee Thompson and Tricia Bergmen on Tuesdays, Feb. 4 - March 24, from 6:30 to 8:30 p.m. in 225 Cramer Hall. The first four sessions will focus on self-assessment, while the last half of the course will address job search skills and strategies. Cost for the class is $150 and interested alumni or friends may register through the PSU Office of Alumni Affairs, 725-4948.
Knowledge served the city during weekend

“This was great! A wonderful sampling...” said one participant. “Keep doing this every year!” said another. “Great class sessions. It was enjoyable to be on campus for the first time since 1966-67,” said an enthusiastic alumnus.

These are just a few of the comments from participants after the PSU Alumni Association’s “Let Knowledge Serve the City” Alumni Weekend held Nov. 1-3 on the PSU campus.

A new feature of the second annual Alumni Weekend was Seminar Day, a series of 31 free lectures and panel discussions by PSU faculty and community volunteers. Subjects ranged from “Finding Fault with Portland,” professor Ansel Johnson’s talk on earthquakes in the city, to “Biomedical Ethics,” a thought-provoking talk by PSU President Judith Ramaley.

According to co-chairs Molly Ingram ‘74 and Stan Sanders ‘81, the program was a highly successful experiment. “We’re trying to create a new kind of ‘Homecoming’ that is uniquely suited to the urban nature of Portland State. This really clicked and we’ll definitely do it again,” said Ingram.

The lectures were advertised through a brochure and PSU Magazine. Over 240 people preregistered to attend sessions. “There were also a lot of walk-ins,” said Pat Squire, alumni director.

Michael Sisavic gives a seminar on PSU’s role in the changing nature of Eastern European economics.

In all, the lecture program attracted well over 300 people. And not all of them were alumni; we had a good showing from the local community.”

Other Alumni Weekend highlights included a follow-up to last year’s highly publicized College Bowl contest between alumni and students (the alumni won this year), an exciting evening of jazz starring well-known local alumni, an alumni art show, a luncheon featuring a talk by nationally syndicated columnist Calvin Trillin, and the third annual “Viking Alumni Night,” a pre-football game party.

Nationally syndicated columnist Calvin Trillin autographs copies of his latest book following his lecture.

Placement files purged

The University is undergoing a statewide archival study which will require that some alumni placement files be purged in the PSU Career Center. Files that have not been activated or updated for 10 years may be destroyed. Placement files were created by students or former students who earned at least 12 credit hours from Portland State and requested job placement help from the Career Center or former Placement Office. The center is most often used by educators.

Former students who wish their file to be retained must contact the Career Center at 725-4613. The center may not release original file material or allow access to confidential material. Copies of non-confidential material may be obtained.

K-House reunion

Campus Ministry will celebrate the 25th anniversary of Koinonia House (affectionately known as K-House) on Thursday, Jan. 30, at 5:30 p.m. in Smith Center Ballroom.

PSU alumni who had any connection with K-House from 1967 through 1991 and are interested in attending the dinner should call 226-7807 to make reservations. Cost for the evening event is $15.
Alumni Notes

Compiled by Teresa O’Hearn Schumacher

Vanport

Harry Zimmerman has retired after 46 years as manager of the River View Cemetery in Portland.

56

Margaret L. Wallen writes that after teaching second grade for 10 years and special education for 10 more, she retired in 1977. Since then she has started the Youth At Risk Chamber of Commerce Committee in Gresham and in 1990 put on a three-day community action planning workshop.

60

Robert Boster MST ’65 writes that he retired in 1988 from Glencoe High School in Hillsboro where he taught chemistry from 1965-88. Before Glencoe he taught at what was then Portland State College.

63

Gary M. Curtis is athletic director at John F. Kennedy High School in Mt. Angel, Ore.

Loyd Henion is chief economist for the Oregon Department of Transportation in Salem.

Kurt Krause has joined The Suran Group, a Portland management consulting firm. Krause was previously with Fujitsu America’s Hillsboro manufacturing facility.

65

Gail Goodrick, a librarian for the Kitsap Regional Library, completed a master’s degree in art history at the University of Washington in 1990. She lives in Bremerton, Wash.

68

Gary Holmberg MST is superintendent of Baker School District 51 in Baker City, Ore. Before assuming his post in Oregon, Holmberg was the superintendent of the Zillah School District in Washington.

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Roy D. Kruger MBA ’81, EdD ’91, is director of research and innovation assessment for the Small Business Development Center at Washington State University in Pullman.

Gary Leiser is the command historian for the 22nd Air Force at Travis Air Force Base in California. He recently translated M. Fuad Koprulu’s classic Turkish work The Origins of the Ottoman Empire, published by State University of New York Press.

Cydney Clutter Pearce works in Houston selling office furniture. She is married and lives in The Woodlands, Texas.

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Judith Delahunt MS ’81 is principal of Templeton Elementary School in Tigard, Ore.

Theresa Helvey is living in St. Louis where she is human resources manager for Union Camp Corporation. Helvey received her master’s degree in 1986 from Maryville University in St. Louis.

James D. Huffman has a law practice in Astoria and another in St. Helens.

Bernedine Lund is project manager for cancer research studies at the Fred Hutchinson Cancer Research Center in Seattle. She is married to alumnus Phillip Lund ’73.

Steve Washburn is executive director of the Puget Sound chapter of the National Electrical Contractors Association. Washburn and his wife, Suzanne, live in Seattle and are expecting their first child in May 1992.

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Norma McMillin has retired as a Lincoln County Commissioner after serving four years. She lives in Otis, Ore.

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Jon McCormick MS is a clinical psychologist in New York City, where he has a private practice and also works at St. Luke’s Roosevelt Hospital as supervising psychologist and co-director of their postdoctoral fellowship in medical psychology. He is married with one son.

Exercise leads to publishing for alums

When Stephen Walker ’59 decided to begin an exercise program, he looked for a book geared to “older men,” but all he found were programs featuring the young, beautiful, and already in shape. Discouraged, Walker, a circuit court judge for Multnomah County, decided to develop his own program.

The program worked so well, he enlisted his wife Gloria ’71, a recently retired counselor from the Beaverton School District, in producing and publishing a book, Fitness For Failing Physiques Over Fifty, Viejco Publications. With illustrations by Dick Richardson, the book is a humorous approach to exercise for the not-so-young and “smokers and drinkers too!”

Fitness For Failing Physiques has been picked up by Pacific Pipeline, a company that distributes independently published books to major chain bookstores on the west coast, such as J.K. Gill and B. Dalton Booksellers. Meanwhile the Walkers have enjoyed their foray into the world of publishing and are considering enlarging the book and adding some new exercises.

According to Gloria Walker, “Even though the book is written humorously, if you follow the exercise routines they really work!”

Carrie Ann Henselman Green is living in Minneapolis, Minn., with her husband and daughter. Green, who received an MAT from Purdue University and a master’s degree in math from the University of Illinois, is active with the Minneapolis League of Women Voters.

Kenneth Hague writes that while he is somewhat older than the average 1965 PSU graduate (he’s 69), he spent August 1991 climbing the Matterhorn and a number of other Swiss Alps.

Doris Brown Fong is head librarian at Benson High School in Portland.

Glen Morris is director of finance and accounting for Lincoln County, Ore. He was previously business manager for the Port of Portland.

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Paul E. Quinn MS has been recognized by the American Speech-Language Hearing Association for his administrative and voluntary service to the profession. Quinn is the educational director of the Children's Language Institute in Ludlow, Mass., a private, state-approved day school for language-impaired children.

Deborah Wheeler MS recently sold her first novel to Daw Books, a publisher specializing in science fiction. Wheeler, who lives in Mar Vista, Calif., has been writing science fiction for eight years and has had many short stories published. Her novel is titled Jaydiam.

Vincent Zanobelli MS is principal of Warrenton High School in Warrenton, Ore.

Thomas Breidenthal, rector of Trinity Episcopal Church in Ashland, Ore., recently received his doctoral degree from Oxford University, England. In addition, Breidenthal has a Master of Arts degree from University of Victoria and a Master of Divinity from Church Divinity School of the Pacific, Calif. He and his wife Margaret have two children.

Avel Gordley is State Representative for District 19 in Portland. She replaces Ron Cease '50 who was appointed to fill a vacancy in the Senate. At the time of her appointment, Gordley was chairwoman of the Portland Chief's Forum, an advisory group for Police Chief Tom Potter. She was the first director of the House of Umoja, a residential program for black youths at risk of gang activity.

Richard LaViolette has formed Richard N. LaViolette & Associates, a Portland marketing and corporate communications firm which will target the needs of high technology companies. LaViolette was art director at Karakas VanSickle Ouellette Advertising and Public Relations.

Eva Parsons MA is director of people management for Cellular One in Portland. She is responsible for personnel recruitment and development for the company, a subsidiary of McCaw Communications Inc.


Terry Hu MSW is a social worker at Gregory Heights Middle School in Portland.

Sandra Mershon and her husband Albert Brenaman '65, MST '71, are spending this year in Beijing, China, on a teacher exchange program. The couple, both employed in the Reynolds School District, are teaching intensive English language and American culture at the School of Economic Management in the Beijing Polytechnic University. The couple and their two children will return to the United States in summer 1992.

Ellen Steen MBA '82 is vice president of membership for the Oregon chapter of the International Associations of Financial Planning.

Dennis H. Ross has been elected president of the San Diego chapter of the American Public Works Association (APWA). Ross is vice president of engineering for Management Services Institute, Inc., a California financial and management consulting firm specializing in public agency finance. He also teaches professional development workshops for the APWA Education Foundation.

Frederick Small has joined the Lake Oswego environmental consulting firm, Scientific Resources Inc. Small, a botanist, was previously with the U.S. Forest Service in Gresham.

Hamid Afghan MS '85 is co-founder and principal of Afghan Rippey, Inc., a consulting engineering firm in Portland. The firm provides structural design and evaluation services to members of the building industry. Afghan was formerly a vice president and manager at Mackenzie Engineering, Inc., in Portland.

Gregg Johnson has joined the Portland office of Ater Wynne Hewitt Dodson & Skerritt attorneys. Johnson will head the firm's creditors rights, business reorganization, and bankruptcy group.

Steve Karakas MBA is president of the board of directors for the Portland Association of Advertising Agencies. Karakas is a partner at Karakas VanSickle Ouellette Advertising and Public Relations.

Agris Pavlovskis MS lives in East Lansing, Mich., where he is executive vice president of the Michigan Exchange Carriers Association, a consortium of 36 local telephone exchange companies in the state.

Meridel Prideaux is a vice president of the board of directors for the Portland Association of Advertising Agencies. Prideaux is a partner in the advertising public relations agency of Prideaux Sullivan Pattison.

Jeffrey Watts is the manager of dealer service marketing for General Motor's Pontiac Division in Pontiac, Mich. Watts, who has worked for General Motors for 12 years, lives in Rochester Hills, Mich.

Timothy Haley MSW is the director of Multnomah County's Outer-East Youth Service Center. Haley spent three years at Harvard Divinity School and was a Unitarian minister in Washington, D.C., before returning to Portland.
Michael Hanegan is vice president of Selectron, Inc., a Portland company that installs telecommunication systems for businesses.

Barbara Portwood recently joined the Portland geotechnical and environmental firm of Applied Geotechnology Inc., as a project manager. Portwood is a geologist.

Sallie Shippen is rector of Grace Episcopal Church in Astoria, Ore. She is the first woman priest in the Western Oregon Diocese to serve as rector. Shippen’s church is on the National Register of Historic Places and is 106 years old.

Donald Hutchison MST ’81 has written three college mathematics textbooks that will be published January 1993 and has contracts for three more to be published in 1994. Hutchison lives in Portland.

Amy McCullough is manager of human resources for Farmers’ New World Life Insurance in Mercer Island, Wash. McCullough says that she “enjoys her job because it allows her to use her psychology and business background.”

Rosemary Ryan MPA is the research director for Project ARIES, a Seattle-based counseling program striving to reduce barriers to AIDS prevention. Ryan, who lives in Seattle, received her MSW and PhD from the University of Washington.

Barbara Swanson was named account executive at the new Portland office of Alta Health Strategies, a Salt Lake City-based health care cost containment company.

Linda MacPherson MPA is senior policy planner for the water quality initiatives group at CH2M Hill Inc. in Portland.

Denise Kay Matson is beginning her sixth year as speech/language specialist for the Steamboat Springs School District in Steamboat Springs, Colo.

Hitomi Saheki is a tax manager in the Portland office of Coopers & Lybrand.

John Stember is a senior plan review engineer with the Municipality of Anchorage, Alaska. Stember is married with two daughters.

Dale Buscho MS ’91 teaches learning disabled students at Franklin High School in Portland. He has received a Meritorious Service Award from the Oregon Developmental Disabilities Commission for his work toward furthering employment opportunities for the developmentally disabled.

Robert L. Mork is a financial consultant with Shearson Lehman Brothers in Portland, where he was recently promoted to portfolio manager. Mork lives in Portland with his wife and two children.

Patricia K. Wafer MSW has opened a counseling office in Lebanon, Ore., where she offers individual, marital, and family counseling.

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James A. Lawson DMD is a graduate of the Oregon Health Sciences University Dental School. Lawson lives and practices in Myrtle Creek, Ore.

Kathleen Barnebey is PSU's coordinator of university special events. She was selected from among 187 applications following an extensive search.

Barnebey was business development specialist with David Evans and Associates Construction Management Division in Portland. She also worked at Pacific University in Forest Grove as director of communications, assistant director of university relations, and director of special events.

Jeffrey Bettinelli is a manager in the Portland office of Cooper & Lybrand for the emerging business services department.

Nancy Fuhrman is principal of Fuhrman & Associates, an employee benefits management firm located at John's Landing in Portland.

Diana Godfrey MS '89 is an educational resource center teacher for Portland Public Schools.

Christopher Pruhsmire writes that he owns and operates a computer-aided design and drafting company in Temecula, Calif. The firm is called the Eastwood Tech. Group. Also of note, he and his wife are expecting their first baby in May.

Larry Audet MS is the principal of Molalla Union High School in Molalla, Ore.

Deborah K. Bishop is the manager of Far West Federal Savings Bank's human resources department in Portland.

Jeanine Copperstone is an associated attorney with a New Mexico law firm. Copperstone, who lives in Las Cruces, was recently admitted to the New Mexico Bar Association.

Frank DiGregorio MD is finishing his residency in pediatrics at the University of Michigan Medical Center, C.S. Mott Children's Hospital in Ann Arbor, Mich.

Gregory DiLoreto MPA has been promoted to director of the newly created Environmental Services Department for the City of Gresham. DiLoreto was formerly the city engineer.

Michael Knight MPA is a faculty member at the University of Wisconsin-Madison, Applied Population Laboratory, where he coordinates the dissemination of economic and demographic data. He previously worked in the budget and policy office for Washington State Gov. Booth Gardner. Knight is also national chair of the U.S. Commerce Department's State Data Center and Business Industry Data Center, a Census Bureau advisory committee.

Michael Osborne is a manager at Price Waterhouse CPAs in Portland.

Craig Spansail MS is vice president and manager of the property loss control engineering department at Rollins Burdick Hunter of Oregon, Inc., Portland. The firm is a multi-national insurance brokerage. Spansail is also president of the Portland chapter of the Society of Fire Protection Engineers.

Wilson Zehr MBA '90 is product line manager for Cadre Technologies Inc., a Beaverton company that develops and tests computer software. Zehr lives in Aloha.

Richard Zenn is education director for the World Forestry Center in Portland.
Scott Beaudry was recently elected to the Beta Gamma Sigma Honor Society, the highest scholastic honor a student in business administration can achieve. Beaudry is a 1991 graduate of the William E. Simon Graduate School of Business Administration, University of Rochester, N.Y.

Janice Kurtz is the executive director of the American Advertising Museum. Kurtz, who has been with the museum since 1987, has served as program coordinator and program director. She assumed directorship of the museum June 1990.

Traci Campbell has successfully completed the requirements to become a certified management accountant. Campbell works for the Georgia Pacific Corporation in Portland.

Ronald K. Nelson MA is a teacher trainer at the Defense Language Institute in Monterey, Calif.

David Gross works as a physical therapist at Rex Physical Therapy in Seattle.

Richard D. Johnson is living in Aurora, Colo., and working as a training specialist for Payless Drug Stores. Johnson, who has been with the company for 10 years, trains all management in Utah, Colorado, and Wyoming on every aspect of the store. He relocated to Colorado in August and is interested in contacting alumni in the area. If you would like to get in touch with Richard, call him at (303) 364-2469.

Bergen Peterson MBA is electronic banking product manager for First Interstate Bank’s northwest region, headquartered in Portland. Peterson lives in Vancouver, Wash.

Donna Barnes is in a management training program for Washington Mutual Savings Bank. The bank is headquartered in Seattle, Wash. Barnes is working out of the Vancouver, Wash., branch.

Gary Kish is director of development for the Oregon Humane Society in Portland, and he is involved with a variety of resource conservation activities including the Clackamas Ranger District’s public focus group and Oregon Trout’s Research Committee. He lives on Sauvie Island.

Elaine Luckenbaugh is the recipient of a 1991 First Year Teacher Award presented by Sallie Mac, the Student Loan Marketing Association which is the nation’s single largest source of education loan funds. The award goes to 100 new teachers nationwide.

Donna Shelton is teaching kindergarten at West Powellhurst Elementary School in Portland.

Trinisha Hampton is a member of the Portland Trail Blazers dance team for the 1991-92 season.

In Memoriam

Harry J. Allen MBA ’77 died September 20, 1991. Allen, a supervisory accountant for the Bonneville Power Administration, was stricken by an aneurysm on Sept. 3. He is survived by his wife, Claire, and his mother, Mary Lee Young.

Gray Lambert MBA ’85 died August 14, 1991, from AIDS-related complications. Lambert, a Seattle resident, was an active volunteer on behalf of gay rights and worked extensively with Seattle’s Association of Gay & Lesbian Youth Advocates. Lambert was employed by Boeing until his illness caused him to retire. He is survived by his companion Douglas G. Jackowich; his father, William S. Lambert; and his brother, Kent C. Lambert.
Performing Arts

Chamber Music
8 pm, 175 Lincoln Performance Hall. $17/$8/$6, 725-3307.
Jan. 13, 14 Chester String Quartet
Feb. 17, 18 Ridge String Quartet
Mar. 23, 24 Munich Chamber Orchestra

Brown Bag Concerts
Noon, 75 Lincoln Hall, free.
Jan. 14 Jeff Payne, piano
Jan. 16 PSU Music Students
Jan. 21 Paul Roberts, piano
Jan. 23 Mu Phi Epsilon
Jan. 28 Andrei Kitaev, jazz trio
Jan. 30 PSU String Ensembles
Feb. 4 Joan Haaland
Feb. 6 PSU Piano Students
Feb. 11 De Organographia
Feb. 13 PSU Clarinet Ensembles
Feb. 18 Amy Knoles Dao, percussion
Feb. 20 PSU Brass & Percussion Ensembles
Feb. 25 Western Chamber Players
Feb. 27 PSU Opera workshop
Mar. 10 Karen Strand, oboe, Jeff Ashton, guitar
Mar. 12 PSU Symphony Orchestra

Theater Arts
Student Productions: 115 Lincoln Hall Studio Theater, free.
Jan. 16, 18 "Baby with the Bathwater," 8 pm
Jan. 20 Lunch/Supper Box, 7:30 pm
Mar. 12 Series, noon Mon.-Thurs.; 8 pm Fri., Sat.
Main Stage: 8 pm, 175 Lincoln Performance Hall. $6/$5/$3, 725-3307.

Piano Masterclass
3 pm, 75 Lincoln Hall, free. Call 725-5400.
Jan. 17 Paul Roberts

Classical Guitar Series
8 pm, 175 Lincoln Performance Hall. $7.50/$5, 725-3307.
Jan. 18 Bryan Johnsson and Friends

Contemporary Dance
8 pm Fri. & Sat.; 2 pm Sun. 175 Lincoln Performance Hall. $12/$8/$6, 725-3307.
Jan. 24-26 Dance Exchange & Dancers of the Third Age
Apr. 10-12 Margaret Jenkins Dance Company

Visual Arts
Dept. of Art Gallery
8 am-9 pm weekdays; Sat. 'til 5 pm, 2nd floor Neubenger Hall, free.
Mar. 12 Master of Fine Arts
Feb. 24 Alumni Exhibition
Feb. 24-21 Daniel Georges (reception Mar. 5)

White Gallery
7:30 pm, 175 Lincoln Performance Hall, free. Call 725-4074.
Feb. 24 "Contemporary Iranian Writers: The Debate over Western Influence," Farzaneh Milani

Middle East Forum
7:30 pm, 175 Lincoln Performance Hall, free. Call 725-4074.
Feb. 24 "Contemporary Iranian Writers: The Debate over Western Influence," Farzaneh Milani

Science, Technology and Society Lectures
7:30 pm, Schnitzer Concert Hall. Call 228-3999 or FASTIXX for tickets.
Mar. 6 "The Time Paradox," Ilya Prigogine
Apr. 10 "The Friendship of Science and Religion," John Polkinghorne

(Continued on backcover)
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PSU Women’s Association Lunch/Lectures
Apr. 2 Gary Ames, president
Apr. 16 Kristine Kershul, world traveler
Apr. 30 Panel on ethics in medicine

Special Events

Handwriting Workshop
10 am-1 pm, 355 Smith Center, free (no reservations required).
Jan. 25 Handwriting Improvement Workshop

K-House Reunion
5:30 pm, dinner, 355 Smith Center, $15, call 226-7807 for reservations.
Jan. 30 Koinonia House 25th Anniversary Reunion

Alumni Career Planning
Tuesday class, 6:30-8:30 pm, 225 Cramer Hall, $150. Call 725-4948 to register.
Feb. 5 Alumni Career
Mar. 24 Planning class

Career Conference
For young women in grades 7-12. 9 am-1 pm, 355 Smith Center, $4/$5. Call 280-5858 to register.
Feb. 8 Expanding Your Horizons: A Career Conference for Young Women

Earth Summit Meeting
9 am-4:30 pm, 175 Lincoln Performance Hall, free. Call 226-7807.
Feb. 15 Earth Summit Town Meeting/Hearing

Student Engineering Design Contests
3-6 pm, Science Building II, free. Call 725-4631.
Feb. 21 Open to junior high through university students

Survival Conference
8:15 am-5 pm, 175 Lincoln Performance Hall, $25. Call 725-4832.
Feb. 29 Cold Weather Survival Conference

Northwest Quilters
10 am-5 pm, 355 Smith Center, $2. Call 222-1991.
Mar. 22-28 Quilt display/demos/lectures

Sports

Basketball
7:30 pm (except as noted), PSU Gym. Call 725-4000 for tickets (*conference game).
Jan. 14 Portland AAU
Jan. 18 Seattle Pacific*
Jan. 20 Nevada-Reno
Jan. 30 Boise State
Jan. 31 Western Oregon
Feb. 2 Alaska-Anchorage, * (4 pm)
Feb. 7 Southern Utah (8 pm)
Feb. 13 Grand Canyon*
Feb. 21 Alaska-Fairbanks*

Wrestling
7:30 pm (except as noted), PSU Gym. Call 725-4000 for tickets.
Jan. 15 San Francisco State
Jan. 16 Southern Oregon
Jan. 17 Cal State-Bakersfield
Jan. 18 Fresno State (3 pm, Milwaukee High)
Feb. 6 Cal Poly-SLO
Feb. 8 Pacific Lutheran (3 pm)
Feb. 22 NCAAI I Regionals (all day)

Baseball
Civic Stadium, Call 725-4000 for tickets (* Pac 10 game).
Feb. 19 Western Oregon, 3 pm
Feb. 22 George Fox, 12 pm
Feb. 25 Concordia, 3 pm
Feb. 26 Willamette, 3 pm
Feb. 29 College of Idaho, 12 pm
Mar. 1 Lewis & Clark, 1 pm
Mar. 3 Concordia, 3 pm
Mar. 25 U. of Portland, 1 pm
Apr. 1 Washington, 3 pm
Apr. 4 U. of Portland, * 12 pm
Apr. 12 Oregon State, 1:30 pm

Softball
Erv Lind Stadium, NE 57th and Halsey. Call 725-4000 for tickets.
Mar. 10 Linfield, 3 pm
Mar. 14 Warner Pacific, 1 pm
Apr. 4 Oregon, 1 pm
Apr. 5 Oregon State, 1 pm

Campus Notes
Feb. 14 PSU Founder's Day.
Feb. 17 President’s Day observed. University closed.
Mar. 30 Spring classes begin.

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