November 2-4, 2001

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FEATURES

Women of Science 6
Talented women faculty are beating the odds to make it in a demanding field.

One-fifth of Humanity 11
China looks to PSU in facing the gargantuan task of curbing pollution while feeding its people.

Adventure of the Spirit 14
Prof. Dan Johnson makes a modern pilgrimage on an ancient road through Spain.

Math in Demand 17
Business and industry offer myriad career choices for the mathematically trained.

DEPARTMENTS

Around the Park Blocks 2
Largest Gift Ever, Responding to Country’s Tragedy, Offering Business Training in North Korea, Prof Helps Haiti Vaccinate, Student Crowned Miss America, Clues in Ancient Otter DNA

Letters 4
The Only Thing Missing . . .

Off the Shelf 5
Gardens of El Pedregal, The Feminist Classroom, Greater Portland

Philanthropy in Action 18
Fund Honors Student’s Memory, Working with High School Science Teachers

Alumni Association News 20
Marketer Joins Staff, Letter from Association President, New to Board, Help Furnish House, Travel Abroad Opportunities

Alum Notes 22
Bicycle Touring with Gerhard Meng ’71

Sports 29
Winning Volleyball Coach Is Back, New to the Athletic Hall of Fame, Spring Records, Fall Schedules

Cover
Deborah Duffield, professor of biology, displays this massive whale jaw in her campus laboratory. See story, “Women of Science,” pages 6-10.
PSU receives largest gift ever—$3 million

The University recently received the largest private gift in its history: a $3 million pledge from James F. Miller in support of construction of a new engineering facility.

Plans for the new engineering building, to be located at 1900 SW Fourth Avenue, call for 100,000 square feet of laboratories, classrooms, and faculty office space. The new facility will create a regional center to house the growing number of collaborative programs involving PSU, Oregon Health & Science University, and other institutions.

Miller, a private investor and philanthropist, has been a generous donor to PSU. Prior to his $3 million gift he contributed to Portland State's new Millar Library Research Center, opera and orchestral programs within the School of Fine and Performing Arts, and the general scholarship fund. He also supports many local organizations, including Lewis & Clark College, University of Oregon, Linfield College, Marylhurst University, Portland Art Museum, Portland Opera, and Oregon Ballet Theater.

Miller, who is 96, started his career in Portland at Blyth & Company in 1921 and worked his way up to president, a promotion that placed him in New York for more than 40 years before his return to Portland in 1998.

The proposed engineering project has also received a $1 million gift from an anonymous donor, and the Oregon Legislature approved $26.5 million in Article XI-G bonds. This is the largest commitment of state bonds, and the single largest project in the history of the Oregon University System. The bond funds will be matched dollar-for-dollar with local, federal, and private funds.

University responds to country's tragedy

Tolerance, understanding, and giving have been Portland State's responses to the tragic events of Sept. 11.

University leaders issued a letter calling for openness and tolerance just days after the acts of terrorism that killed thousands in New York City and hundreds in Washington, D.C.

"As a University that embraces diversity we have an obligation to treat one another with respect and dignity, even during this painful time," wrote President Dan Bernstine, along with the presidents of the Faculty Senate and student body.

During the weeks that followed the media called on various PSU faculty to bring understanding to the entire country. Gary Perlstein shared his expertise on terrorism, while Ronald Tammen discussed U.S. defense and foreign policy. Insight into the Middle East was provided by experts John Damis, Grant Farr, and Jon Mandaville.

Even Portland State football got involved in helping the victims of terrorism. American Red Cross volunteers were invited to the Vanport Classic, a game between PSU and Grambling State, to solicit money and blood donation appointments from the crowd.

Choirs win in Europe

The acclaimed PSU Chamber Choir and Men's Ensemble conquered Europe in June by winning five major awards, including a first place, at two international choral competitions.

Directed by Bruce Browne, the PSU Men's Ensemble won first prize (male choirs) and the Chamber Choir took second (mixed choirs) at the Caecilia Choir Days Competition in Lindenholzhausen, Germany. The choirs went on to earn a second, a third, and a special award at the world's most prestigious chamber choir competition, the Marktoberdorf in Bavaria.
First to offer business training in North Korea

North Korean officials have invited Portland State to deliver a program of international business training in their country beginning this fall. This is a first for the country, which is considered to have one of the world's most centrally planned and isolated economies. The training program will begin in Pyongyang, capital of North Korea, at Kim Il Sung University.

A delegation of North Korean international trade officials and economists visited the School of Business Administration in May to work out details of a PSU proposal to offer a program introducing North Korean trade officials and enterprise managers to the processes of international trade and the mechanics of international trade transactions.

PSU has been in contact with North Korean officials since November 1999, when PSU was issued the only license granted to date by the U.S. government to offer business training in North Korea. PSU's Free Market Business Development Institute, which has extensive experience offering international business training in socialist and post-socialist economies, will implement the program. Earl Molander, professor of business administration and executive director of the institute since its founding, will direct the program.

The proposed International Business Training Program will initially focus on improving understanding among international trade officials and enterprise managers about how to negotiate with foreign enterprises contemplating sourcing, direct investment, and/or joint venture partnerships with their country.

The initial program structure envisioned by PSU's Free Market Institute includes sessions in Pyongyang taught by PSU business faculty and international trade experts, with the eventual goal of bringing North Korean international trade managers to PSU for more advanced international business certificate and degree programs.

Prof helps Haiti vaccination campaign

The World Health Organization called for assistance, and several weeks later Prof. Jan Semenza was stepping off a plane into the hot, humid air of Haiti to help run the biggest polio vaccination campaign the country had ever experienced: vaccinating 2 million children under the age of 10.

Taking on this kind of assignment is nothing new for the community health professor. Last winter, PSU Magazine reported on his contribution in bringing vision care to people of the Amazon Basin in Brazil.

Summers allow Semenza to leave the classroom and take his expertise into the field. He is a molecular epidemiologist, a relatively new vocation that studies genetic and environmental risk factors at the molecular level as well as the distribution and prevention of disease within populations.

In Haiti the need for experts like Semenza was critical as 21 cases of polio were reported this past year among its children. Haiti shares the West Indies island of Hispaniola with the Dominican Republic. It is a poor country lacking in infrastructure, as Semenza and others were to find out. Roads were often dirt tracks that washed out with the coming of rain. Lack of electricity meant vaccine needed to be transported in ice chests and stored in gas-powered refrigerators.

Taking these difficult conditions into consideration, the logistics of the campaign and monitoring its effectiveness were the responsibility of a local administrator and a team of international consultants, of which Semenza was a member.

Scott Rigdon '99, a public health graduate student in the School of Community Health, joined Semenza for three weeks of a two-month stay on an internship.

The outbreak of polio in Haiti was most likely the result of not enough people being vaccinated in the past. That is why, in the recent campaign, it was imperative that all children receive the oral vaccine.

Volunteers and paid workers went door to door, drawing a circle on each residence served. Semenza and Rigdon checked up on those giving the polio vaccine in some of the hardest to reach areas of the country. It was a grueling experience, says Semenza, but worth it.

He would like to establish a fellowship that would allow students to gain public health experience in an international setting. He is exploring potential funding sources.

"This is high-impact work—public health at its best," says Semenza, "and I receive a lot of personal satisfaction from helping in this way."

(Jan Semenza can be contacted by email at semenzaj@pdx.edu)
Student receives crown

Junior Katie Harman has a good reason for taking this academic year off: a commitment to reign as Miss America.

The first Oregonian to win the crown, Harman impressed the judges with her candor, looks, and opera-quality voice. All too aware of recent terrorists attacks, Harman was quick to offer assistance. She will work with the United Way's fund for victims and entertain through the United Service Organization (USO).

Once her reign is over, Harman plans to return to school and complete her degree in speech communication and work toward a master's in bioethics. The $75,000 scholarship that comes with the title will surely help.

Looking for clues in ancient otter DNA

Ancient sea otter bones discarded by long-ago Native Americans and now the prize of archeologists may hold a secret—one that PSU researchers hope to learn.

Once a staple for Oregon coastal tribes, the wild sea otter—"elakha" to Native Americans—no longer lives along the Oregon coast. But the bones, or rather the DNA extracted from the bones, may show which modern species would be best suited for reintroduction to Oregon. Is the Northern sea otter, which populates the Aleutian Islands of Alaska-related, or the species that lives on the California coast? Or were the once plentiful Oregon sea otters a mix of both?

Deborah Duffield, professor of biology, and graduate student Kim Valentine are working to recover the DNA from the prehistoric sea otter remains. But it is not an easy task as ancient DNA sometimes breaks down, and focusing on the right section of the biological bar code is a meticulous process.

Why does anyone care about reintroducing the sea otter to Oregon? David Hatch, an engineer with the city of Portland, sees the otter as a missing link in Oregon's coastal ecosystem. Sea otters eat crabs, clams, mussels, and most importantly, sea urchins. Biologists believe that uncontrolled sea urchin populations are responsible for gobbling up the kelp forests that once grew along rocky sections of the coast, providing a nursery for fish.

"The whole ecosystem was upset when we lost kelp, and if we want that ecosystem to recover, the otter has been part of it," says Hatch, who is a member of the Confederated Tribes of Siletz. Hatch organized the Elakha Alliance, which includes representatives from his and other tribes, state and federal wildlife agencies, the Oregon Zoo, the Oregon Coast Aquarium, scientists from Oregon State University, and of course, Portland State.

The genetic analysis from the PSU scientists is seen as a vital part of the project in order to avoid repeating a failed attempt made in the 1970s to reintroduce sea otters in Oregon. Approximately 140 Alaskan otters were relocated to Oregon and Washington in 1970 and 1971. The Washington population now numbers more than 500, but by 1980 the Oregon otters had all but disappeared. Some scientists suspect those animals might have been a different species, with teeth of a different size and shape from the original Oregon otter.

"It's possible that those just came from the wrong population," says Virginia Butler, professor of anthropology and a leader of the otter project.

PSU researchers and others are working together to make sure that any future attempt to bring elakha back to Oregon keeps them in Oregon. "It's exciting," says Butler, "because it brings together biology with archaeology to answer a question that may be important to restoring a healthy ecosystem today."
Luis Barragan's Gardens of El Pedregal

Luis Barragan is the most lauded and influential Mexican architect of the 20th century. His 1,250-acre Gardens of El Pedregal, a residential subdivision begun in 1945 south of Mexico City, is his most important project and considered a turning point in Mexican architecture with its distinctively regionalized modernism. Eggener reveals the architect's unusual design methods in relation to post-war architecture internationally. The author is assistant professor of American art and architecture at the University of Missouri-Columbia.

Squaring Up
Edited by Mary King (economics faculty), University of Michigan Press, 2001.

Despite three decades of progress, American women's incomes still average just over half those of men. This means women are only half as able as men to support themselves and their families, are too often mired in poverty, and have less power than men do in their families, communities, and governments. In Squaring Up, King has gathered articles from top economists offering strategies for raising women's incomes. These strategies fall into three categories: those intended to reduce the negative impact of child rearing on women's incomes, those designed to raise wages in jobs where most working women are concentrated, and those focused on moving women into better paying positions.

The Feminist Classroom

What goes on in a feminist classroom? Maher and Tetreault give you a thorough answer as they observe and interview 17 feminist professors and their students. These professors are challenging the traditional norms of knowledge and classroom practices. At times this leaves the students angry or bewildered, but there are also moments of exhilaration and self discovery. The book was first published six years ago. In this expanded edition, the authors have taken into consideration the role of race in the feminist classroom, as well as the assumption of Caucasian privilege that can affect classroom discourse.

Greater Portland

Portland has achieved a reputation as one of the most progressive and livable cities in the United States. Urban historian Carl Abbott examines what makes the city exemplary through its history, people, political processes, and natural landscape. He sees the region's geography—mountain ranges east and west—as important to the city's story as is its distinct cultural environments. His analysis ends with a detailed look at Portland's 1970s and '80s political activism, which led to the now famous metropolitan growth boundary. Greater Portland is second in a Metropolitan Portraits Series published by University of Pennsylvania Press.

Olympic Dreams

What kind of medal does the host city of the Olympic games earn? Is it one of large profit or municipal debt, high profile or political scandal? As the authors investigate the experiences of three U.S. cities—Los Angeles (1984), Atlanta (1996), and today's newsmaker, Salt Lake City (2002)—they show that a city realizing its Olympic dreams faces anything but a straightforward proposition. Staging an international mega-event is a daunting feat of political maneuvering and economic vision.

Other books & recordings


When Professor Gert Rempfer was born in 1912, doctoral programs in the United States were just beginning to crack open their doors to women. In the 1920s women earned an estimated 14 percent of the doctorates in physical and biological science. But by the 1950s, when professors such as Carole Gatz and Mary Taylor were earning their Ph.D.s, these numbers were down by half.

The enactment of Title IX legislation in 1972 saw the number of women Ph.D.s in all fields of science and engineering grow dramatically. However, many of these women chose not to go into the field. Women constituted 33 percent of science students in 1997, but only 20 percent of science and engineering professionals, according to an Association for Women in Science study.

So who are the women who chose an academic career in science? How did they become interested? Who encouraged them, and what obstacles did they encounter?

The women profiled here range in age from their early 30s to late 80s. Most remember early involvement and success with math and science, although physics professor Monica Halka recalls becoming interested later in her life when, as a charter pilot, she wanted to know exactly what principles kept her plane aloft.

Most of these women academics came from homes that encouraged education. They were further inspired by teachers and mentors along the way. At some point in their careers almost all of the women encountered significant obstacles—from negative attitudes towards women in the sciences through the challenges presented by events in their personal lives to the impact of great historical movements. The stories they tell represent significant transformations in the landscape of higher education during the past 40 years.

Challenges were faced and encouragement was gladly accepted as these women rose through the ranks to become scientists.

Gertrude Rempfer, professor emerita of physics, is a soft-spoken, brilliant physicist. She still spends her days in her campus lab conducting vital research on improving the optics of photoelectron microscopy—a technology that may one day be used for miniaturizing integrated circuits and looking at biological cells.

She remembers as a youngster being good at math and encountering the marvels of botany with an inspiring teacher. “I was an athletic, out-of-doors girl anyway and loved collecting the specimens. I also loved the organization, the understanding of patterns in nature.”

After high school Rempfer worked for a year and then enrolled in Forest College at the University of Washington. The school required its students to attend forestry camp during the spring of the second year, but as the only women in the program, Rempfer was not allowed to go. Consequently, she switched her major to physics, graduated, and continued on for her doctorate while working part time.

It was during the Depression that Rempfer attended the University of Washington, urged on by her mother, who believed that education would help her and her three siblings survive the economy.

Rempfer's first academic position was at a prestigious East Coast women's college in 1939, where she replaced a female physics professor on sabbatical leave. When a tenure-track position opened up in the department,
a male was hired. Rempfer still recalls the given rationale: women should not take jobs away from men. The irony was that in those days women's colleges were about the only higher education institution that would hire women.

With the advent of World War II, Rempfer went to work in industry, where she met and wed Robert "Bob" Rempfer, the late PSU professor of mathematics.

In 1951, with three children, she and Bob moved to Ohio where he was to teach math at Antioch College. It was the age of McCarthyism, and what Rempfer calls "troublous times." Antioch students were supportive of their liberal faculty, but the administration was not. The Rempfers left to teach at Fisk, a historically black institution, where they stayed for four years, again earning the trust and respect of the students and the opposition of the administration for their support of racial integration.

Today in her laboratory Gert proudly displays a plaque, which the Fisk Board of Trustees presented to the Rempfers in 1996 commending their stands. "You see," she explains with a smile, "some of our former students are now on the board."

From 1961 until her reluctant retirement at age 65, Rempfer worked one day a week at Tektronix while on the PSU physics faculty. Rempfer continues to work with graduate students, reading drafts of their theses and sharing her knowledge. At the conclusion of her day's work, she takes the bus back to Forest Grove and her beloved farm, where she still lifts 50-pound sacks of feed.

Deborah Duffield, professor of biology, sees herself as a transitional figure among women in the sciences at Portland State. When she was hired in 1978 with a Ph.D. in genetics from UCLA, she was certainly equal to the men in her field in education and seriousness of research, but there were few women in her cohort. "As a woman, I went my own way professionally," remembers Duffield, "though at professional meetings I was aware that I was one of the few women who stood up and gave talks."

With a father who designed medical equipment and a mother who was a medical technician, it is not surprising that Duffield's original career choice was medicine. She became discouraged by the impersonality she saw in the field, and she shifted gears to biology, earning a bachelor's from Pomona College in 1963 and a master's from Stanford University in 1966.

Her interest in genetics led her to Stanford for the opportunity to work with marine mammals and in evolutionary biology. At the time, this was not a mainstream field of interest in biology, but that meant Duffield could carve her own niche. "Coming in the back door allowed me to do what really excited me," she says.

When Duffield came to Portland in 1977, she and her husband, Stan Hillman, also a PSU professor of biology, had two young children. Duffield held a research position at Oregon Health & Science University for a year, and
then began teaching part time at PSU, while conducting research that earned her national attention. She is respected for her work in evolutionary biology and marine mammalogy. She specializes in the study of evolution, population structures, and genetic variability of whale and dolphin species using DNA analysis. She also is on call for a team that rescues stranded marine mammals.

"Perhaps because I am a geneticist I am in the habit of seeing males and females as performing different roles and am interested in how the patterning fits the role," says Duffield.

Among the current generation of graduate students, Duffield sees considerably more male and female camaraderie than when she was a student. "On the other hand," she comments, "what I loved about the '60s was the collective liberalizing energy that overcame individual fears about talking and acting together." Duffield mourns the loss of that radical energy from society today.

Duffield’s students consider her a dynamic and imaginative teacher. She asks her upper division and graduate students to construct a timeline of 3.5 billion years of evolution. "I want them to see the pattern and where and when things fit." Once a student pieced together a quilt in response to the assignment. "I really like the ingenuity of responses, the collection of ideas of how people see."

Jeanette Palmiter, professor of mathematical sciences, is a member of the new generation of women scientists—those who earned a degree between 1970 and 1990, when the number of women science students was on a steady rise. In the University's early days, women faculty were often limited to teaching the basic introductory science and mathematics courses. Palmiter and her colleagues also expect to teach upper division and graduate courses, mentor master’s and doctoral students, and apply for and receive grants in their research specialties.

Specializing in mathematics education, Palmiter came to the Portland State in 1990, having earned a B.S. from Ohio State University in 1977, a master's from University of Illinois, and a Ph.D. in 1986 back at Ohio State. One of her children was born while she was working on her master's, the other toward the end of writing her dissertation. She taught for several years at Kenyon College in Ohio before coming to Portland State. Her husband teaches computer science at Lewis & Clark College.

"We knew we wanted to be at separate schools so we were not viewed as a couple," Palmiter says, "and we wanted to work in schools where liberal arts are valued."

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Palmiter teaches her PSU students with an emphasis on meaning, interpretation, and application. She considers computation devices, such as computers and calculators, as liberating the study of mathematics from "symbol manipulation" and calculation to understanding and meaning. "Students now get to ask, what is a derivative and why might I ever need one?"

The Mathematics Department has offered a Ph.D. in mathematics education since the 1997-98 academic year, and approximately 50 percent of its majors plan to be teachers. Palmiter has received National Science Foundation money to expose teachers during summer workshops to new teaching methods for math. She is a strong believer that by staying in the

Jeanette Palmiter
Mingdi Yan, assistant professor of chemistry, was born in China in 1967, the second year of the Cultural Revolution. Her parents were scientists with appointments at the Chinese Academy of Agriculture. In 1976, at the end of the revolution, China began promoting science and technology in an effort to catch up with the rest of the world. However, by the time Yan was ready to attend college, much of the educational infrastructure was what she terms “wasted.” Only five percent of the student-age population was allowed to attend institutions of higher education. To prepare for this steep competition, Yan took highly competitive exams in seven subjects, including English. The prestigious University of Science and Technology of China had only five openings for all of her province; Yan scored the second highest among the applicants.

At the time, fields of study were hierarchically ordered and chosen for the student. Yan was placed in chemistry, and the highest scoring student, a male, was slotted for biology. “Luck and accident,” Yan says, “have shaped my career.”

Yan graduated from the University of Science and Technology in 1988 and continued with advanced study in polymer physics. She was accepted for doctoral study at the University of Oregon when her thesis adviser left China.

At the University of Oregon, Yan found a mentor in her thesis adviser, professor John Keana. He encouraged her and provided an atmosphere of independent exploration while teaching the ins and outs of research, publishing, grant writing, and patents.

Keana’s tutelage paid off. By the time Yan graduated with a Ph.D. in 1994, she had several patents on her research. She and her husband also became parents. Motherhood didn’t appear to slow Yan down. Investors were interested in her research, and together with Keana, she formed Ikonos Corporation, a bioscience firm in Portland.

“At Ikonos, I learned a lot about teaching,” says Yan with a smile, “from having to explain the kinds of research we were doing to investors who weren’t necessarily chemistry literate.” Eventually, production dominated research at the company, and in 1998 Yan moved to Portland State where she could again do her own research—“within, of course, the limits of seeking and securing external funding,” she says.

Today, Yan is working with organic materials that possess the capacity for molecular recognition. The goal is to fabricate miniaturized devices using these materials on silicon chips for chemical separation and sensing. Potential applications include devices able to detect environmental pollutants. Yan enjoys working with graduate students in her lab and teaching organic chemistry.

When Sherry Cady, assistant professor of geology, came to Portland State in 1998, she brought with her two powerful electron microscopes and an international reputation for research on the fossil remains of microscopic life. Interviewed on CNN and named one of Time magazine’s 100 innovators to watch in the new century, Cady heads the Geology Department’s Geomicrobiology and Electronmicroscopy Lab. Together with fellow bacteria hunters Anna-Louise Reysenbach and David Boone of the Biology Department, Cady has proposed a new interdisciplinary center at PSU for the study of life in extremely hot and extremely cold environments.

The oldest of six children, Cady grew up in rural Wisconsin, with horses, pets, and the freedom to explore nature. She describes herself as a self-motivator who sought out the right people and books to answer her many questions. Her parents, small town business people with close ties to their own parents, were great storytellers. “We reminisced a lot in my family,” she says. “It was our way of keeping together.”

Today Cady uncovers the stories behind the fossils that she studies, a process that brings a family analogy to mind. “The grandfather who took me
fishing had his life saved by X-ray technology when it was new, she says. "Today I use X-rays to search the origins of life in the microstructure of minerals."

Cady attended a community college and the University of Wisconsin before heading to the West Coast with her geology-major husband, Larry. They ended up in the San Francisco Bay area, where he became a musician and she worked full time and finished her bachelor's at University of California at Berkeley. Encouraged to do an honors thesis in mineralogy, Cady used electronmicroscopy to study sedimentary materials. She earned her doctorate at Berkeley in 1993.

After a postdoctoral fellowship at NASA's Ames Research Center, Cady continued on as a research associate for the National Research Council and then went to work for the Search for Extraterrestrial Intelligence Institute. There she used information she collected from active hydrothermal systems, including the hot springs of Yellowstone and in New Zealand, to establish criteria for recognizing and assessing evidence of life in samples brought back from the space missions to Mars. As Cady argued in a 1998 publication on the subject, "Earth-based investigations of potential ancient paleobiological repositories and their modern analog microbial ecosystems lie at the heart of the search for evidence of life elsewhere."

Cady says the freedom to be creative is the chief advantage of doing research in an academic setting. She also flourishes as a teacher, with a reputation for giving time to her students.

An excellent photographer and author of numerous publications, Cady recently was chosen as the first editor of the new journal Astrobiology. She collaborates on projects with colleagues from University of Puget Sound, University of Colorado, MIT, the Swedish Museum of Natural History, and University of Auckland in New Zealand. "Science is fun," says Cady, a sentiment voiced over and over again by the women who research and teach science at Portland State.

More stories to tell

A booklet comprising the entire 23 profiles written by Nancy Porter is in the works through the College of Liberal Arts and Sciences. Below are excerpts from six of its other profiles.

Patricia Backlar, research associate professor of bioethics, became interested in the study of ethical issues in medicine following the diagnosis of schizophrenia in one of her children.

Mildred Bennett, professor emeritus of mathematical sciences, was the only woman among 400 men in Brooklyn Polytechnic Institute's electrical engineering program during the 1940s.

Marjorie Enneking, professor of mathematical sciences, is a fifth-generation Oregonian and the first in her family to complete college. She is lead investigator on a $5 million National Science Foundation grant funding professional development for K-12 teachers in Oregon.

Elaine Spencer, former associate professor of chemistry, was one of 22 female faculty members who sued the Oregon State System of Higher Education for discrimination in the 1980s. Prof. Spencer died in 1998.

Gwendolyn Shusterman, associate professor of chemistry, says, "When I entered Berkeley in the 1980s, I made a conscious decision to act professionally, and not to do anything in dress or behavior that would call attention to myself as a woman."

At a PSU symposium on women and science, Carol Wilson, assistant professor of biology, remembers hearing Prof. Gert Rempfer's inspirational command, "Women, be scientists!" Prof. Wilson felt she was speaking directly to her.
If you could fly high over the People's Republic of China, you'd see a layer of sooty air blanketing much of the country. This layer, an unwanted byproduct of China's rapid industrialization, reduces the amount of sunlight, adversely affecting crop yields. That's a serious problem for a country attempting to feed one-fifth of the Earth's population with barely 7 percent of the world's cultivable land.

China is paying the price for its burgeoning economy. As many as half of its rivers are now fouled with pollution. Grasslands that once covered most of the country are either gone or degraded. Major cities such as Shanghai and Beijing are overcrowded and choked with traffic, dust, and other air quality problems.

Several thousand miles on the other side of the Pacific, amid welcomes from Portland State and local political leaders, China began a quiet but potentially significant search for solutions. Some 36 senior-level Chinese officials arrived at the College of Urban and Public Affairs in July for an international training program in sustainable land use development.

Sustainability, a concept endemic to Oregon, seeks to balance economics and environment.

A first for the United States and China, the program is expected to result in a multi-year training program that includes classroom work and site visits around the state.

"China, unfortunately, faces major threats to the viability of its natural environment," says Nohad Toulan, dean of the College of Urban and Public Affairs. "In Oregon, we are known worldwide for our leadership in environmental protection and management and are prepared to share our experience."

The College of Urban and Public Affairs, itself, has a national reputation in sustainability issues. Faculty members Deborah Howe and Janet Hammer lent their expertise and tapped into local government, industry, and private foundation resources for an intensive three-week curriculum. The focus: class work and site visits tied to sustainable planning, reduction of greenhouse gases, environmental quality, transit, and livability issues.

The program, originally proposed by the Portland-based International Sustainable Development Foundation and the China-U.S. Center for Sustainable Development, grew out of last year's U.S. visit by Vice Minister Li Yuan of China's Ministry of Land and Resources (MLR). The ministry, established in 1999, is responsible for protecting China's farmland and forests while providing for more rational development of urban areas. Chinese officials played a key role on the format of the PSU program, telling their American hosts what issues and information they were most interested in.

For both countries the stakes are high. For instance, China's growing air pollution doesn't just stay in Asia, but hitchhikes on the Pacific Ocean jet stream to the Pacific Northwest. And if China, which is still considered a developing country, used as
much oil as the U.S., it would consume 50 percent more than the world's current total production.

Pollution from coal combustion is of major concern to the Chinese. Sulfur dioxide and soot result in the formation of acid rain, which now falls on about 30 percent of China's total land areas. New laws establishing comprehensive regulations are beginning to curb this environmental damage, and the country is using less coal.

The byproducts of coal burning are not the only threat to crop yield. As much as 490,000 acres of farmland turns to desert each year, and the country's cities, even its capital, are not immune to the encroaching sand.

According to Chinese records, dust storms came to Beijing once every seven or eight years in the 1950s, and only every two or three years in the 1970s. But by the early 1990s, they were an annual problem. The government has responded with huge "greening" campaigns. In the past 20 years alone, according to the People's Daily, the country has planted more than 30 billion trees. But without supporting grasses, critics, even within the country, question the effectiveness of the tree planting campaigns.

Enter sustainable development. The term has different shades of meaning depending on who is using it. For Rick Schulberg '71, executive director of the International Sustainable Development Foundation, the term gives equal weight to economic development, environmental protection, and social impacts of land use planning. Schulberg's staff worked with PSU on developing the program.

"Real sustainability," he says, "is being able to value both human and natural capital in a way that factors in the consequences of our actions."

The key, says Schulberg, is not preaching to the Chinese, but opening a dialogue. Detailing what has and has not worked here hopefully will provide tools for decision making that will affect China's, and the Earth's, future.

This summer's dialogue revealed some striking differences in the two countries' approaches. In China, for instance, projects are most often directed by the central government and look primarily at feasibility. Social and environmental impacts or project alternatives traditionally have not been given much consideration.

Program presenters were also told that in many instances China can't afford the kinds of large-scale water quality or transit projects common in the U.S. The country does hope to invest 1.3 percent (about $85 billion) of its annual gross domestic product in meeting environmental objectives during the next five years. However, only 11 percent of that amount will likely come from the central government. Money for priorities such as urban sewage treatment plants, control of industrial liquid waste, and smokestack desulfurization equipment must come from industry within the country and from foreign governments, and international financial institutions.

It was clear that such systemic differences could sometimes hinder
wholesale adoption of sustainable development principals. So, PSU presenters emphasized broad sustainability concepts like whole system design, full cost accounting (human and natural), and better cooperation between government entities.

Also, there was considerable discussion of simple, low-cost solutions. For instance, the Chinese were greatly impressed with Portland's citizen involvement strategies. But with more than a billion people to "involve," both sides agreed that smaller, village-level initiatives might work best initially in China.

From course evaluations and interviews it was clear that the visitors were pleased with their experience in Portland. According to Hammer, evaluations show "not only were they satisfied, but it exceeded expectations. They said they were struck by the level of commitment (by program organizers) and the caliber of people."

The Chinese visitors were also impressed with Portland's air quality, general cleanliness, and friendly people. They found the cooperation among government entities, business, and PSU intriguing, but were a bit amused that Oregonians talk so much about salmon.

Zhi Feng, a reporter for the Portland Chinese language newspaper, China Times, attended many of the class sessions and field trips. He says the trip dispelled at least one myth about urban America. "They thought the U.S. was a cement city." According to Feng, the officials were amazed at all the greenery and impressed with traffic control and urban sprawl containment policies.

On the American side, Howe was pleased with both the thoughtful questions from the Chinese and their engagement in the material. "They thoroughly enjoyed being students again." Although the Chinese are used to straightforward lecture with no questions, Howe and Hammer designed the curriculum to encourage two-way dialogue.

However, says Pete Sandrock, Metro regional government chief operating officer, the delegation was not about to be just led around. On a site visit to Metro greenspace at Oaks Bottom in Sellwood, the Chinese listened politely as officials explained the importance of wildlife areas and the nearby Willamette Greenway.

"That was all very interesting," he says, "but what really caught their eye was a nearby house." They prevailed upon Sandrock to ask for a tour. So, much to everyone's delight—including the homeowner—there were 36 Chinese officials taking a tour of a home in Sellwood.

Besides government presenters and site visits, one of the key components of the program was the involvement of business people, among them Bill Blosser of CH2M HILL, Ron Woodling of SERA Architects, and John Miller, a farmer and developer from Salem. The PSU program, says Miller, "provides me . . . huge benefits by creating opportunities to directly connect with a wide array of Chinese policymakers. It also presents Oregon to the Chinese in a comprehensive way that demonstrates how good planning, strong environmental protection, and responsible business practices can be combined to make a wonderful place."

All in all, says urban college dean Toulan, "It was a smashing success. The Chinese left very excited. If Oregon was looking for a PR firm, they couldn't have done any better than PSU."

The Chinese visitors will need that enthusiasm, says Rosario Aglialoro, executive director of the Northwest China Council. Aglialoro, who spent several years in China, likens the situation there to an earlier era in the U.S. when there were few coordinated efforts to control pollution and regulate society.

However, he says, despite tremendous pollution and resource issues, the Chinese are making great strides.

The Chinese government is working on the environmental objectives that came out of its 10th Five-Year Plan (2001-2005). These objectives include capping sulphur dioxide emissions, bringing all surface water to acceptable levels, treating half of urban sewage (currently only 30 percent is treated), increasing treatment of urban refuse, expanding nature reserves by 32 percent, and stabilizing deserts at year 2000 levels.

"Generally speaking, I have confidence in their ability and creativity," says Aglialoro. "It's tough to predict success, though. I'm healthily skeptical it will be an easy road. Like everything else in China it takes time to see what works and what doesn't." 

(Steve Dodge, a Portland freelance writer, wrote the article "Building on Talent" in the spring 2001 PSU Magazine.)
By Dan Johnson

Dan Johnson, professor of geography, first visited Spain in 1986 on a six-month sabbatical at the University of Seville. An expert in climatology, Johnson was there to study climate variability and drought in Andalucia. That experience sparked a fascination for him in the geography and the history of the country, which he has nurtured through subsequent trips over the past 15 years. None of those visits can compare to Johnson's experience last year as he and a friend pedaled through northern Spain on a route established centuries ago by religious pilgrims.

Buen Camino!" It was not the first time, nor would it be the last that we received this blessing as we cycled across northern Spain. This time it was bestowed on us by a friendly policeman in the busy industrial city of Ponferrada after he tested his halting English against my halting Spanish. We had lost our way, and the familiar yellow-arrow route markers were nowhere to be seen. But directions from the policeman allowed us to escape the city and continue with our modern-day pilgrimage on El Camino de Santiago, the Way of Saint James.

My friend John Rosenberg MA '91 and I were in Spain in May and June of 2000 to travel the most heavily used road in all of Spanish history. John, a Lutheran minister and history graduate, has frequently taught the course The Historical Jesus at Portland State. We blended our secular and theological interests in order to follow an ancient path that once drew the faithful from all corners of Europe to the city of Santiago de Compostela in the far northwest corner of the Iberian Peninsula. There, according to one of the most enduring legends in Christianity, reside the remains of Saint James the Apostle, encased in a silver reliquary behind the altar.

The zenith of the pilgrimage was in the 11th through the 13th centuries, when an estimated half-million pilgrims arrived annually to receive indulgences from the church and forgiveness of their sins. A map of their routes resembles a complex river system as pilgrims streamed from their homes, traveled through France, and crossed the Pyrenees into Spain.

The 459-mile Camino, for the most part, is a journey through peaceful and unspoiled countryside, a land that is harsh in summer, but which displays its best colors in the late spring. In particular, the long, solitary trek across the Meseta, the high tableland of north central Spain—often one of the most difficult sections for both medieval and modern pilgrims because of its sheer monotony—was almost idyllic, with green cereal crops (barley, wheat, and oats) bending under a gentle westerly breeze and a profusion of wildflowers marking the trail and road edges.

John and I, on our heavily laden mountain bikes, were among the approximately 40,000 modern-day pilgrims that year who would earn the compostela, the certificate of completion issued by the Catholic Church. While this number pales in comparison to the foot traffic of the late Middle Ages, it represents an astounding increase over the past 20 years.

It was interesting to discover that as recently as the 1970s the pilgrimage road was little more than a curious
The first book I read on the pilgrimage, *The Pilgrimage to Santiago* (1974), by British journalist Edwin Mullins, is rich in historical and architectural detail, but there is little reference to traditional pilgrims or evidence of the routes they used. As he so colorfully describes the experience, "... it was more often a question of dropping into village bars for a glass of rioja and inquiring politely where the old road might be."

But by the mid-1980s it became clear that doing the pilgrimage in the traditional way, and following "the old road" as much as possible, was again becoming popular.

To acknowledge the physical effort and commitment of "traditional" pilgrims, the cathedral authorities in Santiago de Compostela initiated a register of those who walked at least the last 100 kilometers or cycled the last 200 kilometers to Santiago. The data shows 2,491 pilgrims received the compostela in 1985-86, with the numbers increasing steadily ever since.

During a Holy Year, a year in which Saint James Day (July 25) falls on a Sunday, special dispensation is available from the Church. This resulted in 154,613 compostelas awarded in 1999.

During the Middle Ages people walked to Santiago for many reasons: adventure, duty, fear, love, punishment, or out of simple, blind faith and religious devotion. The reasons underlying the modern pilgrimage are more complex. The religious motive remains paramount, especially among Spanish Catholics, and accounts for the great throngs that arrive during a Holy Year. But Santiago de Compostela is unique in that it is the Way, the journey that carries more meaning for contemporary travelers than the arrival. This is consistent with trends in modern tourism in which people seek more meaning, more adventure, and more cultural contacts in their travels: "leisure with meaning."

The modern-day Camino provides all these ingredients, as we learned through our encounters with other pilgrims. Some were traveling because they were at various transitions in life—change of job or retirement; others to renew personal relationships; others to deal with issues of grief and loss; and still others just to prove that they could do it.

On a particularly idyllic stretch of pathway through the wheat fields surrounding Villamayor de Monjardin, we encountered Leroy, 65 years old, who was walking the route with his wife, Bonnie. As he told us, he had just retired from his position as director of the Loaves and Fishes program in Sacramento, and was taking the opportunity to "decide what to do with the rest of my life."

Several days later we cycled the steep ascent over the Montes de Leon with Hans, a Dutch cyclist. He, too, was a recent retiree who was quite simply enjoying the adventure and the challenge. Hans observed that "... life is very short, and death is very long!" Valerie, a Spanish instructor from the University of North Carolina, Wilmington, was leading a group of 30 undergraduate students on pilgrimage, presumably for academic credit.

All of us, whatever our reasons for making the pilgrimage, agreed that there is something about traveling a long distance under your own power that makes it possible to escape for a time some of the pressures and daily concerns of our lives back home. It is an experience that, for many, can be cathartic and transforming. For me the journey was, first and foremost, an adventure, a physical challenge and an opportunity to be outdoors for days at a time, an "outer" journey that was an absolute delight to all the senses. At the same time, it was easy to fully appreciate the "inner" journey that draws many to the Camino, a hope that a long pilgrimage can satisfy a deep spiritual need.

Northern Spain is familiar territory to me: I have driven most of the backroads and visited all the major cities along the Camino. But to enter those cities as a pilgrim, even a pilgrim on a bicycle, was a quieter and much more satisfying experience.
The modern Camino adheres closely to the well-trodden route of the Middle Ages, which in turn followed an old Roman trade route, the Via Triana. Where it is paved over by modern highways, alternative walking trails have been marked. We passed through the same villages, visited the same churches, crossed many of the same bridges as had millions before us. We were, quite literally, putting ourselves in the footsteps of the past.

The highlights of that past can be seen in the art and architecture of the Camino, in styles ranging from the early Romanesque, through the Gothic, to the High Baroque of the 18th century. The Romanesque style is the most evocative of the meaning of the pilgrimage in the late Middle Ages. The Christian worldview of the time—the terrors of hell and the glories of the afterlife—was sermonized in stone for the mostly illiterate population. Like our medieval predecessors we were continuously confronted with the iconography of Saint James in two radically different images. One is of Santiago Peregrino, the benign supporter of pilgrims, most often portrayed as a pilgrim himself. The other image is that of a warrior knight, Santiago Matamoro, a symbol of the Christian reconquest of the peninsula from the Moors in the Middle Ages.

We arrived in Santiago de Compostela on June 13. The city is certainly deserving of its UNESCO designation as a World Heritage Site; it is one of Europe's most beautiful, built of rich granite rock and combining a carefully protected medieval ambience with the modern life of a busy university city.

John and I walked our bicycles into the magnificent Plaza do Obradoiro, and looked up at the extravagant Baroque facade of the great cathedral. We were just in time for the noon pilgrim's mass and with hundreds of others, passed through the Portico de Gloria, which is carved with more than 200 biblical figures. Considered one of the most exquisite works of Romanesque art in existence, we would need to return at a quieter time to fully appreciate the stories it could tell.

The central column of the portico supports a figure of Santiago Peregrino, below which is a sculpture of the Tree of Jesse. Here, pilgrims traditionally bow and pray before entering the cathedral—the last act of the pilgrim's progress. I took my turn and placed my hand on the column, my fingers fitting perfectly into the smooth hollows resulting from the millions before me who had done the same.

For 15 days we had pedaled through an extraordinary variety of physical and cultural landscapes: the Basque country, the vineyards of La Rioja, the high plains of Old Castile, and the lush, green mountains of Galicia. During our journey we were blessed with mild temperatures and clear skies. The professional geographer in me would attribute that to a persistent high-pressure system, but the pilgrim in me was much more satisfied with John's explanation: the benign protection of Saint James.
What is a math major to do? In years past, a master's usually led to a doctorate, which led to a purely academic career solving theoretical problems and working in imaginary paradigms. This scenario is changing as lucrative industrial and technical careers open up for math grads—or at least for math majors with the right training.

From 1988 to 1998 academic employment in the mathematical sciences dropped 25 percent, according to the Mathematical Sciences Research Institute of Berkeley, California. At the same time, the percentage of Ph.D. grads with nonacademic employment doubled from 18 percent to 36 percent.

The range of job opportunities for graduates of strong math programs almost defies the imagination: from insurance actuaries, aerospace engineers, and air traffic controllers to robotics programmers, cryptologists, and paranormal researchers. Residents of the Pacific Northwest often think of giants such as Microsoft or Intel, but thousands of small and medium-sized companies have a crucial demand for skilled mathematicians, too.

"Math is an enabling discipline, every technical field uses it," says Steven Bleiler, PSU mathematics professor. "We're experiencing an incredible mathematization of our technical world, and industry is screaming for people with advanced math skills who can communicate well and work on interdisciplinary teams."

Although most university computer science and engineering departments keep abreast of industry demands, math departments aren't tuning in. Nearly all post-graduate math courses still train students "classically" for an academic future. Like strangers in a strange land, math graduates often enter foreign environments to face a set of on-the-job tasks that seem far removed from their intellectual models.

Math majors are frequently criticized as poor collaborators on projects with other disciplines and rotten at making information meaningful to a layperson. That's why PSU's proposed doctoral program in mathematics (see sidebar) is creating such a buzz.

Two years ago PSU's mathematics faculty rewrote their curriculum in response to the pressing need to better prepare doctoral students for nonacademic careers. "We decided to propose a 21st century program," says Steven Bleiler, mathematics professor.

The proposed Ph.D. in mathematical sciences—through internships, practicums, and partnerships—will allow students to stretch beyond their discipline and use problem-solving skills in other fields. If approved, the program will be one of only a handful in the nation to require students to perform coursework in fields ranging from biostatistics and environmental science to engineering and finance. The program will also spur interactions with local industry and government. Enron, Intel, Microsoft, and Boeing are already interested.

By John Rumler '90

what true," he says. "I didn't take any speech classes or do any internships. I pretty much had a pure math background and not much else."

The demand for people with superior math skills in industry isn't new; it's just exacerbated by the continuing explosion of technology and the need to process gargantuan amounts of information. Consider the following:

- Fifteen years ago, there was virtually no mathematical research being done in the software sector. Now it is a multibillion-dollar-a-year industry.
- The finance industry continues to call upon mathematicians to develop complex risk mitigation strategies and to create specialized software for derivative security funds and sophisticated options.
- The computer and communication industries continue to experience growing needs for advanced algorithms (the logical structures that govern all computations) to handle emerging challenges such as Internet traffic, voice recognition, Web searching, and 3-D animation.

John Neil, who earned his M.S. in mathematics from PSU in 1991 and a Ph.D. from Portland State in systems science/mathematics in 1995, sees these needs firsthand. As director of an engineering department at an Internet-based firm that services the mortgage industry, Neil supervises employees who perform highly challenging math operations and must also translate the computations into terms an average homebuyer can understand.

After recently undergoing a large-scale hiring process, Neil reports that the applicants with superior math backgrounds tended to be more grounded in technical reality yet more flexible intellectually. "Overall, their intellectual horizons are expanded far beyond that of the average undergraduate," he says.

"The advanced math degree holders who succeed in industry," Neil says, "can apply their training to many types of situations."

(John Rumler '90 is a Portland freelance writer.)

FALL 2001 PSU MAGAZINE 17
Fund honors memory of political science student

Just six months away from graduating with a degree in political science, 23-year-old Katrina Pongracz lost her life in an automobile accident on a wet and slippery morning in September 2000.

A Portland native and Benson High School alumna, Pongracz was looking forward to law school after receiving her PSU bachelor's degree. She worked full time to put herself through school, while carrying a full academic load. Active on campus, Pongracz was vice president of the Oregon Association of Students in International Business & Economics. The association arranges internships in the United States and abroad for American and international students.

“Katrina was the kind of student one always hopes for,” recalls political science Prof. Mel Gurtov, “diligent, serious, reliable and of course very intelligent. I feel certain she was headed for great things in international affairs. Katrina is missed by me and my colleagues.”

In 2000 Pongracz had put her studies on hold for one term in order to help her family during her oldest brother Peter's third recurrence of lymphoma. He died in July 2001.

After her death, the Pongracz family, including parents Peter and Tilly, five brothers and three sisters, established the Katrina M. Pongracz-Bartha Memorial Fund to provide scholarships for women students majoring in political science. It's for students, who like Katrina, have a job or family responsibilities, says her sister Sabrina Stein. The family continues to encourage support for the scholarship among family, friends, and within the PSU community.

To contribute to the Katrina M. Pongracz-Bartha Memorial Fund, contact Tracy Prince, College of Urban and Public Affairs, 503-725-5209 or tprince@mail.pdx.edu.

Working with high school science teachers

They spend fall, winter, and spring in the classroom, and summer in the lab. That is the itinerary for the next two years for six metropolitan area high school science teachers collaborating with PSU scientists on cutting-edge research projects, thanks to Partners in Science grants from the M.J. Murdock Charitable Trust.

The Partners in Science Program aims to provide high school science teachers with opportunities to work on important scientific research projects, and thus revitalize their teaching and help them appreciate the use of inquiry-based methods in the teaching of science. University faculty mentors at the same time benefit from contact with those shaping their future students.

For example, Erik Bodegom, PSU professor of physics, and his research partner, Michael Fitzgibbons of Forest Grove High School, hope to help sharpen the pictures taken by CCD imagers, the same kind of camera used in the Hubble telescope. Their project uses infrared light to look at the effects of impurities, such as air pollution, on the quality of images produced by the equipment. A video camera detects photons (particles of light) and a chip converts that light to signals on the screen, explains Bodegom. Any impurities that are present will leave an afterimage and degrade the image. The two scientists are looking at how to detect those impurities and help manufacturers improve image quality.

In other Partners in Science projects, teams are examining aerosols, polymers, fuel cells and quantum mechanics. Chemistry and physics professors are working with teachers from Canby, Glencoe, Grant, Gresham, and Tigard high schools. Selection of project partners is based on the qualifications of the partners, the quality of scientific research proposed, and the potential impact on the high school setting.

The Murdock Trust, created by the will of the late Melvin “Jack” Murdock, provides grants that strengthen the Pacific Northwest region's educational and cultural base in creative and sustainable ways.
Jane and I met at Portland State and developed close ties to the University during our undergraduate days. We became active in campus life: intramurals, fraternity activities, and Viking athletic events. In retrospect, all this made our bond to the University more significant. Over the years we have remained connected to Portland State's growth and development. Between the two of us we have been active on the PSU Foundation and Viking Club boards, the ethnically based scholarship committee, PSU Weekend, the Graduate School of Education, Friends of History and Friends of the Library, the Athletic Hall of Fame selection committee, and the search committee for an athletics director.

We have found that the more we involve ourselves at Portland State, the more we want to know about other aspects of the University and its activities. We are better advocates in the community if we are well-informed.

Each of us has had a career predicated on the degrees we earned at Portland State. For me, PSU was the only practical option for college, and it provided me with an opportunity that shaped my future. My business degree assisted me in my careers in both banking and later as a bankruptcy trustee. Jane earned two degrees in education and taught public school for 33 years in Portland. These degrees in turn provided our financial ability to give back to the University.

I suppose you could say that what we are doing at this point with our giving is "paying it forward" based on our gratitude for what PSU has done for us. It is important to us to support the current students and therefore future alumni with our time as well as our financial contributions.

If we were not so impressed with Portland State students and their diversity, respect for others, academic commitment, community involvement and volunteerism, we probably would be less involved. The students and the student athletes in particular have a great attitude. These young men and women are genuine and focused with high GPAs.

Jane and I have high hopes for our University. We want PSU to be not only the biggest in the state, which it now is, but the best and most renowned in the region. We want it all for PSU. The more PSU is recognized, the more it accomplishes, the more it is known, reflects on all past and future graduates. Hopefully, a special pride comes forth when we say, "I went to PSU." That's what we wish for every alum. That's why we contribute.

"I suppose you could say that what we're doing with our giving, is paying it forward..." To find out how you can make a current gift to Portland State or a provision in your estate or living trust plans, call the Office of University Development at 503-725-8778.

Bob Morrow

Bob and Jane Morrow have sponsored the Academic Center for Athletics (right photo), which opened in 1999, and the Athletics Meeting Room, which is expected to open in early 2002. Both are located in the Peter Stott Center.
Marketer joins Alumni Office staff

Trish Turchiarolo-Vanoni recently joined the Alumni Office as marketing and events coordinator. A graduate of Oregon State University, Turchiarolo-Vanoni grew up in Portland and attended Franklin High School. She previously worked in events and fund raising for the American Advertising Museum and the Oregon Ballet Theatre, and in marketing and events planning for eMark Solution of Tigard.

Turchiarolo-Vanoni is coordinating the upcoming PSU Weekend on Nov. 2-4, the annual friend-raising event for the Alumni Association that includes lectures, tours, receptions, and a Viking football game. She will also be redesigning the Alumni Association’s Web page and working on other marketing activities for the association.

Turchiarolo-Vanoni can be reached at 503-725-8210 or by email at vanoni@pdx.edu.

PSU Weekend is back November 2-4

After a year’s hiatus to allow the Alumni Association time to finish the Simon Benson House project, PSU Weekend is back, and bigger and better than ever. Keynote speaker Robert F. Kennedy, Jr., in an address on “Our Sustainable World,” will highlight a weekend that includes 25 lectures, school and department reunions, music performances, garden tours, and of course, the Vikings football team back at PGE Park. See the advertisement on the inside front cover for details, and watch your mail for the complete PSU Weekend brochure. See you on campus in November!

Many opportunities for alumni to reconnect

Dear Alumni and PSU Supporters:

Who would have thought that what started out four years ago as an innocent round of golf with another PSU alumnus would develop into my taking on the presidency of the Alumni Association Board of Directors. Since graduating in 1975 in mathematics, I barely had any contact with the University. Now I may be one of its biggest fans. I’m just sorry it took so many years before I reconnected.

There is a lot happening on the Park Blocks these days that is worth your time and effort. Here are some ways you can reconnect with PSU:

• The football team will be playing back at PGE Park this fall. If you have never seen them play, I hope you’ll go to a game or two. I guarantee you’ll be impressed!

• PSU Weekend is November 2-4. This is a great opportunity to attend a variety of interesting workshops, get together with faculty and friends, or listen to our keynote speaker, Robert F. Kennedy, Jr.

• The Alumni Association offices are located in the Simon Benson House and are open 8 a.m. to 5 p.m. weekdays. Tours of the house are available Wednesdays and Fridays from 3 to 5 p.m. with plans to be open as a visitors’ center soon. I have yet to hear anyone walk away from a visit to our historic house with anything less than positive comments on the newest addition to campus.

• The PSU Bookstore has moved to the Urban Center Building (on the new Portland Streetcar line at SW Sixth and Mill). As a big fan of “branding,” a nice PSU golf shirt or sweatshirt is one of my favorite ways of generating discussion about PSU. The bookstore has a generous selection.

• The association is developing a new Web site, and we encourage you to check in once in a while to watch for activities and ways you can become involved. Just go to www.alumni.pdx.edu.

The Alumni Association is always looking for new ways we can reconnect with both students and graduates. I would welcome hearing your ideas. You can email me at dfitzpat@standard.com. Go Viks!

Dave Fitzpatrick ‘75, MS ‘77
President, PSU Alumni Association Board of Directors
New Alumni Board leadership named

Dave Fitzpatrick '75, MS '77, an assistant vice president with Standard Insurance in Portland, is the new president of the PSU Alumni Association Board of Directors. Joining him on the board's executive committee are Vice President Tamara Kelley '69, Treasurer Ken Hart '90, and committee chairs Roger Capps '60, Gerry Craig '66, Rosanna Scheweda '91, MT '93, and Eric Stromquist '81.

New board members include Jackie Bell '71, retired PacificCorp executive; Lizzie Caston '97, MURP '01, a Portland Development Commission planner; Chris Groener '99, former PSU student body president; Roberta McEniry '76, a deputy executive director with the Housing Authority of Portland; Gary Purpura '71, president of Liberty Capital Investments; and Trish Trout MA '88, a fund-raising consultant with CIRCA.

Retiring from the board are Ann Gardner '77, past PSU Weekend chair; Patsie Dant '77, communications committee; Laila Hirr MS '94, advocates committee; Eva Kripalani '83, finance committee; and Carolyn Leonard '77, MS '79, connections committee member.

The Alumni Board of Directors is a volunteer group that guides the activities of the nonprofit PSU Alumni Association. For information on volunteer opportunities, call 503-725-4948.

Help furnish the house

Wondering about the furnishing of the Simon Benson House? We are now "listed" with Rejuvenation, Inc., of Portland. Rejuvenation has been a wonderful partner for Simon Benson House, donating lighting and providing hardware reproductions. Now they're helping us with furniture, too.

Come to a special Simon Benson House night at Rejuvenation on Wednesday, October 24, to hear Bing Sheldon of SERA Architects describe the renovation of the house. Learn how you can help Rejuvenation with furnishing the house!

For details, call 503-725-8209.

Travel the World with the PSU Alumni Association

February 23–March 2, 2002: Prague Deluxe Escapade
(from approximately $1,495 per person, double occupancy, departing from Seattle)
Few cities inspire classic images of Gothic romance and Old World charm like the "Fairy Tale" ambience of Prague in the Czech Republic. Considered Central Europe's most interesting city, we've arranged deluxe accommodations at the Hotel Inter-Continental Praha on the banks of the Vltava River, just minutes away from the city's finest shopping and sights.

April 3–11, 2002: Alumni College in Tuscany–Cortona
(from approximately $2,395 per person, double occupancy, departing from Denver)
The beautiful hillside Hotel San Luca in the village of Cortona (recently made famous by Frances Mayes in Under the Tuscan Sun) serves as your home campus for a week-long educational experience in the Tuscany region of north central Italy.

Get acquainted with the people of Cortona and then explore the medieval city of Perugia, the walled city of Assisi, the magnificent cathedrals of Siena, and the cradle of the Renaissance, Florence. There is an optional post-trip extension to Rome.

October 25–November 5, 2002: Renaissance Cities of Italy (part river cruise)
(from approximately $3,945 per person, double occupancy, departing from San Francisco)
Discover some of northern Italy's most historic and stunning towns sailing on the Po River. Explore and cruise from fabled Venice to charming Cremona, then travel by train to Rome, where you'll have a private, guided tour of the Vatican Museum and Sistine Chapel. This unique program features less frequently visited cities of Italy!

December 6–12, 2002: Cuba's Cultural & Historical Heritage
(from approximately $3,395 per person, double occupancy, departing from Miami)
Explore this beautiful country—closed to U.S. travel for 40 years—from your base at the Parque Central, the finest hotel in Havana. Discover the city with its unique mixture of nostalgia and intrigue, and then learn about rural Cuba with a visit to Pinar del Rio and Ernest Hemingway's former estate, Finca GIGia. With presentations on Cuba's history and culture, this rare educational travel opportunity is made possible by Worldguest, which has a license from the U.S. Department of Treasury to promote cultural exchanges.

All trips are offered by the PSU Alumni Association through Alumni Holidays, one of the top names in alumni travel programs. For more information, or to get on the mailing list for travel, call 503-725-4948, or go to www.alumni.pdx.edu.
Compiled by Myrna Duray

Vanport

Richard Willenberg assisted Ramona (California) sheriff’s deputies by jumping out of his car and tackling a suspect, delaying him long enough for the deputies to catch up and arrest him. An officer on the scene said, “Law enforcement can always use help from citizens like him. He was a hero.” Willenberg, 72, is retired and lives in Woodburn.

’60s

David Saunders ’63 taught in Oregon public schools until his retirement in 1973. He writes, “I’m 92, organically sound but permanently disabled because of injuries . . . I am at my computer four to six hours a day, still turning out fiction, letters, and papers . . .” Saunders wrote the children’s book, Downunder Joey, the Red Kangaroo. He lives in Portland.

Priscilla Robinson ’64 at age 89 is a retired educator living in Woodburn. She writes, “I now do volunteer work at the retirement center where I live, in gardening, music and leading a friendship club for one morning a month. Have many fond memories of my days at PSC.”

Lewis Wong ’65 is a retired businessman working as a volunteer paralegal at a pro bono law firm funded by the Los Angeles Bar Association. Wong writes, “In 1960, Dr. John F. Cramer helped me to obtain a student visa to enroll at PSU.” Wong lives in Los Angeles.

Larry Anthony ’66 is an administrator at Providence Toppenish Hospital in Toppenish, Washington.

Linda Lund Davis ’66 was inducted into the Fellows of the American Institute of Certified Planners this year. She has more than 35 years’ experience in urban and rural planning. She is retired and lives in Sisters.

Stephen Weiss ’67 owns and operates Weiss’ Commercial Graphics and Publications in Beaverton.

Barbara Holmberg ’68 is a retired educator who taught in Portland Public Schools for 22 years. She most recently was chair of fine arts at Madison High School. She lives in Vancouver, Washington.

Mary Simpson ’68 is assistant director of human resources with the city of Santa Cruz, California. Simpson lives in nearby Aptos.

Brian Black ’69 is a commercial mortgage lender with Centennial Bank. Black lives in Troutdale.

Neil Erickson ’69 is a partner and certified public accountant at Grant Thornton, LLP, in San Francisco.

Sheila Scully Giordano ’69 is a legal analyst with the New York State Department of Labor, division of unemployment insurance. Giordano lives in Selkirk, New York.

Eileen Hoesley ’69 MBA ’74 is the chief financial officer for the University of LaVerne in Athens, Greece, and an associate professor and program chair in the university’s School of Business and Global Studies.

Warren Schmitt ’69 writes, “Since retiring in 1996 I have done volunteer work and traveled. Recently returned from a four-month RV trip in the south and southwest.” Schmitt was a Social Security disability hearings officer. He lives in Lacey, Washington.

Gary Barnes is president of Northwest Food Employers, Inc., in Tigard. His company represents food industry companies, both retail and wholesale, in collective bargaining and labor and employment matters.

Gary Miller is branch manager at Crown Capital Securities, an investment brokerage and financial planning agency in Portland.

Jacqueline “Jackie” Bell has joined the PSU Alumni Board of Directors. Bell, who is retired, was corporate controller with Pacificorp. She lives in Portland.

Penny Blackwell is a judge for the Court of Common Pleas of York County, Pennsylvania. Blackwell is married to John Sanstead, M.D., and her daughter, Rebecca, is a junior at Smith College.

Ruthann Duncan MA is a mental health professional with the Center for Family Development in Eugene.

Christopher Howell MA has been awarded a $20,000 Creative Writing Fellowship from the National Endowment for the Arts; it is his second such award. Howell teaches poetry, writing, and literature in the MFA program at Eastern Washington University.

Leslie “Les” Schwartz is a customer service representative with Portland General Electric in Tualatin.

Don Sitko is the customer service manager at Blue Heron Paper Company of Oregon City.

Raymond Grimsbo is a forensic scientist and director at Intermountain Forensic Laboratories, Inc., a private crime laboratory in Portland.

Jon Weber is director of southwestern new connects at Pacificorp, an electric utility company, in Roseburg.

William Eckersley retired from the U.S. Army Corps of Engineers in June. He writes, “Corps career began in the Portland district and took me to head-quarters in Washington, D.C., in 1982 . . . served as a supervisory civil engineer for the past 10 years, engaged in environmental restoration and remediation.” Eckersley and his wife live in Gaston.

Marilyn Hanson MA is the language arts department chair and talented and gifted program liaison for the St. Helens School District.

Sigurd Rudie is a retired farmer living in Fairview, Montana.

’70

Joseph Busch is a content intelligence evangelist with Interwoven, a software firm located in San Francisco.

David Erickson is an international trade consultant with Allports Forwarding, an ocean transport intermediary in Portland. He previously worked for US Bank for 32 years.

Oscar Lucas is director of corporate actuarial at Premera Blue Cross in Portland. He is an associate of the Society of Actuaries and a member of the American Academy of Actuaries.

Susan Marmaduke is an attorney with the law firm of James, Urrutia, Marmaduke & Carlton, PC, in Portland. Marmaduke has been elected a fellow of the American Bar Foundation, a research center for the empirical study of law, legal institutions, and legal processes in society.

Linda (Moss) Moro owns Moro Communications, a consulting communications and marketing firm in Woodland, Washington. Moro writes, “My husband, Pat Burt, taught at the School of Extended Studies from 1993-95. In addition to having PSU in common, we are both Norwegian, and we’re both sailors. When we aren’t working together, we’re sailing on the Columbia River.”

Beth Shelby is a third-grade teacher at Clark Elementary in Portland. She lives in Gladstone.
Sharon Heisel MS writes, “I have been a middle school science teacher and a writer of juvenile fiction.” Heisel’s fourth book, Precious Gold, Precious Jade, received the Western Heritage Award from the National Cowboy Museum as the Outstanding Juvenile Book of 2000. Heisel lives in Central Point.

Gary Purpura has been elected to the PSU Alumni Board of Directors. Purpura is president of Liberty Capital Investment Corporation in Portland. Purpura and his wife, Susan (Brickey) ’77 live in Portland.

Mary Lou Stewart MA is head of the English department and the talented and gifted program facilitator at Aloha High School.

Mehri Gaspeed owns Mehri Wedding Cake & Catering in Gladstone.

Gene Taylor MST ’86 is department chair for the computers and information systems department at Central Oregon Community College in Bend. Taylor has been with COCC for 17 years.

Richard Lovely is general manager at Grays Harbor Public Utility District in Aberdeen, Washington.

Debra “Debi” Meyers is president of Strategic Companies, a consulting firm. Meyers lives in West Linn.

Todd Thomas is a construction manager with Northwest Natural Gas in Portland.
ALUM NOTES

Richard Marty MS '83 and Susan Evans BS '83, MS '86 are owners of Q Environmental, LLC, an environmental consulting firm in Idaho Falls, Idaho.

Jack Skeen is a U.S. Army government attorney with the Judge Advocate General Office at Dugway Proving Ground, Utah.

Minh Tran MS, EID '94 has been a supervisor, acting director, and vice-principal at Roosevelt and Grant High Schools in Portland.

Janice Rutherford MA is an assistant professor of history at Washington State University in Pullman, Washington.

James Bernard is owner and president of Bernard's Garage, Inc. During a special election in April, Bernard was elected mayor of the city of Milwaukee, replacing Carolyn Tomei '71, MSW '73 who serves as state representative for District 25.

Howard Buck is a news reporter and Olympia correspondent with the Vancouver Columbian.

Michele Wilding Edlefsen is director of logistics at Infinion Technologies in Milpitas, California.

Sarah Ferguson writes that following graduation she served for three years in the U.S. Marine Corps, retiring in 1985 at the rank of captain. Ferguson earned an MBA degree from Fordham University in 1994 and today is managing director and chief sales officer for The Vantra Group in Waverly, New York.

Bradley Resare is associate pastor at Simi Valley United Methodist Church in Simi Valley, California.

Mark Hanson operates his own insurance agency for American Family Insurance in West Linn.

Sandra Ward is a gerontologist and director of sales and marketing at Touchmark at Peterkort Woods, a care retirement community in Portland. Ward has over 15 years' experience in the senior housing industry in the Pacific Northwest.

Michael Brewin MA '89 writes, "I have been busy here in Oregon teaching, producing soundtracks, and finishing the many details involved in publishing a book, SOULJAZZ, a celebration of 100 years of jazz ... ."

Greg Buchanan is manager of educational services at Tripwire, Inc., a data and network integrity software firm in Portland.

David Gartley is executive vice president of the group insurance division at Pacific Life Insurance Company in Newport Beach, California.

Barbara Basney MBA is director of marketing communications at Xerox Corporation in Wilsonville.

Roger Daniels MPA was named 2001 citizen of the year by the Camas/Washougal Chamber of Commerce. Daniels is an administrator at Clark College, where he has served the last 24 years in a variety of positions, including director of admissions, director of student programs and athletic director, and is currently director of recruitment and outreach services.

April Brooks Duvc MST and Vanessa Jump Nelson have formed Duvcin' Sopranos, a duo playing off the stereotype that sopranos are divas and prima donnas. They are in the process of recording their first compact disc. Duvc is on staff at Clark College in Vancouver, Washington, where she teaches voice, music education and directs a choir and the school's musical productions. Nelson maintains a private voice studio near Westview High School and is director of music at Portland's St. Gabriel's Episcopal Church.

Jeff Sirmon is an account executive at Aetna, Inc., a managed care firm in San Francisco.

William Turner MSW is a clinical consultant at Turner Consulting in Pittsfield, Massachusetts.

Robert Garrity MST '90 was chosen as the 2001 Adult Educator of the Year at East Tennessee State University (ETSU). Garrity, with the division of developmental studies at ETSU, was selected as part of the Tennessee First Congressional District's observance of Lifelong Learning Week. He lives in Johnson City, Tennessee.

Brad Hall is vice president of marketing at Geographics, Inc., a specialty paper products company. Hall lives in Bellingham, Washington.

Geoffrey "Todd" Ransom MEd '98 is principal at Tillamook Junior High School in Tillamook.

Patricia "Trish" Trout MA has been elected to the PSU Alumni Board of Directors. Trout is a consultant at CIRCA The Development Company. She lives in Portland.

Susan Marmolejo Kipp is a visual arts teacher at Beach School in Portland. Kipp was one of 30 national winners (representing 28 states) of the Robert Rauschenberg Foundation awards to art teachers who teach high-risk and learning disabled students. The award was presented at the National Gallery of Art in Washington, D.C., on May 18.

Andrew "Andy" Baker MS '96 is an equipment engineer at Wacker Siltronic. Baker lives in Portland.

Terri (Hoff) Comment MS writes, "I am temporarily retired after 13 years of teaching and have embarked on my greatest adventure yet ... being a mommy!" Jensen McKenzie was born in December.

Durwood "Frank" Douglas MPA '96 is division chief and emergency medical services coordinator with the Newberg Fire Department. Douglas received Newberg Fire Department's highest award, a Golden Eagle, which is awarded annually based on work performance.

Jennifer Griffith writes, "I graduated from Smith College with a master's degree in music composition. I have received a Robert E. Gilleece Fellowship to continue my composition studies at CUNY Graduate Center in New York City; I will begin my doctoral program there this fall."

Marcia Harris is campus life coordinator at Wichita Youth For Christ, a nonprofit, nonsectarian youth organization in Wichita, Kansas.

Kelly Hassain MURP '93 is an associate in the administrative law and government relations department at Miller, Nash, Wiener, Hager & Carlsen, LLP, in Portland.

Jennifer Jenkins teaches English and history at Highland Park Middle School in Beaverton. Jenkins is married and has two sons, ages 3 and 10.

Monte Kilingsworth MS is an elementary teacher with the Phoenix-Talent School District. Kilingsworth also recently wrote Equalis, published by Henry Holt Books For Young Readers, and two other novels for middle grade readers. He lives with his family in Applegate.
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ALUM NOTES

Starla Neuhart-Hoeye is co-owner at lamWho Panoramic Imaging, a panoramic photography and digital imaging firm in Tigard.

Dr. Lowell Palmer is a physician at Hudson Bay Medical Group in Vancouver, Washington.

Mary Silver is human resources manager at Borders Books, Music & Cafe in Eugene.

Don Finkbonner is an operating technician with British Petroleum in Blaine, Washington.

Andre Fortin is a provider network assistant with LifeWise, A Premera Health Plan, Inc., and supports contracting activities with health care providers. He lives in Portland and enjoys river rafting and other outdoor activities.

Steve Rice MS ’92 is client director at Encore Development, a technology consulting firm in Chicago.

Karen Bondley is director of education at Oregon Pacific AHEC, a health care education facility in Corvallis.

Ron Farnsworth is senior vice president and chief financial officer at Independent Financial Network, a banking facility in Coos Bay.

Stephanie Hale MA ’00 writes, “I’m currently working on my Ph.D. at the University of California-Santa Barbara, specializing in medieval English literature.”

Lenora Hanna MSW is a social worker at the Veterans Administration Roseburg Healthcare System in Roseburg.

Christopher Humphrey MS ’96 is a project geologist at H.G. Schlicker & Associates, Inc. Humphrey lives in Portland.

Sibelia Mola is a partner and owner of Asian Imports, a retail business in Marblehead, Massachusetts. He is also a graduate social work student.

Shannon Sheppard writes, “After teaching first grade in Sweet Home for several years, I am now a stay at home mom to our three children ages 7, 4, and 2.” Sheppard earned her MAT degree from Willamette University in 1995.


Susan (Kristof) Vanlaanen is director of communications and development at Fort Vancouver Regional Library District in Vancouver, Washington.

Bruce Burk MS is editor and publisher of the Lolo Peak News. Burk and his wife, Mary, live in Lolo, Montana.

Charlotte Drayer MEd is an assistant principal at the junior high school in Illinois’s Gavin School District.

Sam Hageman writes, “Received an MBA from the University of North Carolina-Chapel Hill in May 2001 and will join Bank of America Securities in Charlotte, North Carolina.”

Kim Meadows is president of Kadin Corporation, a general contractor and excavation company. Meadows credits her successful business to “everything I ever learned as a student of political science, international relations, and thinking critically. These are essential skills that lend success when applied to any area of life.” She lives in Clackamas.

Sophia Terry is an administrative secretary with the Multnomah County department of assessment and taxation. Terry lives in Gladstone.

Dr. Shih Cheng is a dentist specializing in oral and maxillofacial surgery. Cheng lives in Philadelphia and writes, “PSU has offered me an invaluable educational basis for further

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PSU MAGAZINE FALL 2001
advancement of my education and career. I thank you all for this wonderful opportunity."

Paul Diener MBA is director of production for Flying Rhinoceros, Inc., an educational curriculum company. He lives in Portland.

Priscilla “Pat” Hanson MFA ’00 writes that she will be one of the artists featured in the December/January issue of New American Paintings, which will focus on the Pacific Coast region. The artists for this issue were selected by the chief curator at the Guggenheim Museum. Hanson lives in Portland.

Payam “Michael” Jafari is vice president of sales at Better On-Line Solutions, Inc., a global developer and marketer of computer telephony. He lives in Los Angeles.

Paul Leineweber is manager at CovanSys, a software consulting firm in Beaverton.

Carie Mellies writes that in October she will finish a two-year stint as a Peace Corps volunteer in Mauritania in West Africa. Mellies plans to travel through Europe and following that, attend SUNY-Albany in New York to work towards a master's degree in criminal justice.

Hoang Nguyen is a certified public accountant and a tax senior at Perkins & Company in Portland. Nguyen says he especially enjoys working with businesses that have multistate issues. He resides in Tigard.

Judi Schwanz MS, PhD ’96 is associate professor of pastoral care and counseling at Nazarene Theological Seminary in Kansas City, Missouri.

Dan Shea MFA ’99 is co-founder of Education WithOut Borders, a Portland-based nonprofit agency with a mission to build a global educational network of professionals and teaching materials.

Becky Earl Whitten is human resource administrator at C-Tech Industries, a manufacturing company in Camas, Washington.
Robert York is a building mechanic at Nordstrom's in Portland. York writes, "Very involved in wilderness exploration and mountaineering. I have climbed all of Oregon's major Cascade peaks."

Theodore Young is an equipment engineer at Wacker Siltronic Corporation, a semiconductor manufacturer in Portland.

Vanessa Michalko Edmonds is a marketing analyst and initiative manager with United Parcel Service. She lives in Smyrna, Georgia.

Teresa LaHear MPA is director of policy, planning, and budget for the Institute of Museum and Library Services in Washington, D.C. This agency, affiliated with the National Endowment for the Humanities, provides federal grants to community libraries and museums around the country.

M. Eileen McClary is the senior program director at Friendly House, Inc., a nonprofit social service agency in Portland.

Richard Van Dorn is a doctoral student at the University of North Carolina at Chapel Hill.

Charles Allen MS earned a PhD in geography from the University of Illinois in May. He is now an assistant professor in the geography department and is also employed in the environmental studies program at the University of Wisconsin at Oshkosh.

William "Bill" Aronson MS is support services manager at Outside In, a Portland nonprofit agency serving homeless youth and other low-income people.

Elizabeth "Lizzy" Caston MURP '01 has been elected to the PSU Alumni Board of Directors. Caston is an urban planner with the Portland Development Commission.

Jeremiah Galvin is a financial analyst at Marriott International, a hotel management corporation. Galvin lives in Gaithersburg, Maryland.

Joanne (Reed) Laurent is an orientation/mobility specialist, and rehabilitation teacher with the department of services for the blind in Vancouver, Washington.

Sahra Vanderkin is a resident in internal medicine at the University of Virginia in Charlottesville. Vanderkin graduated from Oregon Health & Science University in June. She writes of her OHSU career, "thanks to lessons learned at PSU, I have thrived."

Emily Nyen Chang earned a JD degree from Notre Dame Law School in May and is an associate with the law firm of Fenner Craig in Phoenix.

Marinda Crochet MSW is a medical social worker at Northeast Medical Center in Charlotte, North Carolina.

Karen Kuhn Schmid MS is a linguistic test engineer with Microsoft in Redmond, Washington.

Crystal Shum writes, "I am now a registered professional engineer, civil, in the state of California." Shum lives in Salinas, California.

Jane Welp MA is a housing certifier with Mid-Columbia Housing, a low-income housing assistance agency in The Dalles.

Elizabeth Cage writes that she is "attending graduate school at Macquarie University and doing public relations for major league baseball's Sydney (Australia) office."

Brian EagleHeart is president and owner of EagleHeart Capital Consulting, Inc., a financial and management consulting firm in Portland.

Brandie Fazal is program coordinator supervisor at Janus Youth Programs, a social service agency in Tigard.

Grace Rodriguez Slosky MPH is a communicable disease epidemiologist at Columbia County Public Health, a government health agency in St. Helens.

Chereé Lynn Smith is a cytogenetics technician at Oregon Health & Science University.
Mozzochi is back coaching the spikers

Jeff Mozzochi, a name synonymous with winning Viking volleyball, has returned to coach the women's team. As head coach from 1984 to 1992, he led the volleyball team to four NCAA Division II national championships. With help from his assistant coach and wife, Marty Mozzochi, the Viks finished in the top 10 nationally each year and in the top four during six of those years. He was named National Coach of the Year two times and Regional Coach of the Year three times. Following his 1992 national championship, Mozzochi accepted the head coaching job at Oregon State University, where his teams recorded the most wins-from 1993 to 1998—by any head coach in Oregon State history.

For the past two seasons, Mozzochi has been out of the collegiate game. He coached in the USA national training program and evaluated collegiate volleyball programs. In 1999, Jeff and Marty Mozzochi were inducted into the Portland State Athletic Hall of Fame for their PSU career 287-75 coaching mark.

Mozzochi's return to PSU, and now Division I volleyball, does not mean an immediate return for Marty. Initially, she is expected to help with camps and clinics, but the head coach is not ruling out her return to the staff sometime in the future.

Meanwhile, joining Mozzochi and assistant coach Chris Miller on the sidelines is another Viking volleyball legend, Leanne (Peters) Lewis. She was a four-time All-American at Portland State and is still the career leader in kills. She ranks in the top five in nine out of the 10 PSU career volleyball categories.

The three coaches have plenty of experience to work with: all six starters and 9 letter winners have returned from last year. The team proved itself early by winning its first two tournaments in Pittsburgh and Victoria, British Columbia.

New to the Hall of Fame

Portland State Athletics will host its Hall of Fame Banquet on Oct. 19 at the Doubletree Lloyd Center in Portland.

Seven new members—individuals who have made a difference in PSU athletics through the years—will be inducted into the Hall of Fame. They are Willie Bauer, wrestling, 1956-59; Lisa Couch, volleyball, 1982-85; Tracey Eaton, football, 1983-87; Kristi Smith, basketball, 1993-96; Kim Manifesto, basketball, 1993-96; Robin Unger, track, volleyball, 1991-96; and Sharkey Nelson, men's basketball coach, 1953-65 and women's basketball coach, 1975-76.

For information or to attend the Hall of Fame Banquet, call 503-725-5629.

Spring Records

<table>
<thead>
<tr>
<th>Sport</th>
<th>Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>Softball</td>
<td>25-36, 9-11 (fourth place)*</td>
</tr>
<tr>
<td>Women's Tennis</td>
<td>2-21</td>
</tr>
<tr>
<td>Men's Tennis</td>
<td>0-20</td>
</tr>
<tr>
<td>Women's Golf</td>
<td>third place</td>
</tr>
<tr>
<td>Men's Golf</td>
<td>second place</td>
</tr>
<tr>
<td>Women's Track &amp; Field</td>
<td>ninth place</td>
</tr>
<tr>
<td>Men's Track &amp; Field</td>
<td>ninth place</td>
</tr>
</tbody>
</table>

(* Western Athletic Conference; all other teams play in Big Sky Conference)

Remaining Fall Schedules

**Football**
- Oct 20 Weber State 6 pm
- Oct 27 Montana noon
- Nov 3 Montana State 6 pm
- Nov 10 Eastern Washington 1 pm
- Nov 17 Cal State Northridge 2 pm

**Women's Soccer**
- Oct 19 Weber State 7 pm
- Oct 21 Idaho State 2 pm
- Oct 26 Montana 3 pm
- Oct 28 Eastern Washington 5 pm
- Nov 2 Northern Arizona 6 pm

**Women's Volleyball**
- Oct 19 Montana 6 pm
- Oct 20 Montana State 6 pm
- Oct 26 Eastern Washington 7 pm
- Nov 2 Weber State 7 pm
- Nov 3 Idaho State 4 pm
- Nov 9 Northern Arizona 6 pm
- Nov 10 Sacramento State 4 pm

(home games in **bold**)

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